

# List of Section 13F Securities

First Quarter ♦ FY 2023

Copyright (c) 2023 American Bankers Association. CUSIP Numbers and descriptions are used with permission by Standard & Poors CUSIP Service Bureau, a division of The McGraw-Hill Companies, Inc. All rights reserved. No redistribution without permission from Standard & Poors CUSIP Service Bureau.

Standard & Poors CUSIP Service Bureau does not guarantee the accuracy or completeness of the CUSIP Numbers and standard descriptions included herein and neither the American Bankers Association nor Standard & Poor's CUSIP Service Bureau shall be responsible for any errors, omissions or damages arising out of the use of such information.



*U.S. Securities and Exchange Commission*

## OFFICIAL LIST OF SECTION 13(f) SECURITIES USER INFORMATION SHEET

### General

This list of “Section 13(f) securities” as defined by Rule 13f-1(c) [17 CFR 240.13f-1(c)] is made available to the public pursuant to Section 13 (f) (3) of the Securities Exchange Act of 1934 [15 USC 78m(f) (3)]. It is made available for use in the preparation of reports filed with the Securities and Exchange Commission pursuant to Rule 13f-1 [17 CFR 240.13f-1] under Section 13(f) of the Securities Exchange Act of 1934. An updated list is published on a quarterly basis.

This list is current as of March 15, 2023, and may be relied on by institutional investment managers filing Form 13F reports for the calendar quarter ending March 31, 2023. Institutional investment managers should report holdings--number of shares and fair market value--as of the last day of the calendar quarter as required by [ Section 13(f)(1) and Rule 13f-1] thereunder.

### Features

- (1) Additions and Deletions: Revisions made to the list of Section 13(f) securities are indicated in a column titled “STATUS.” The word “ADDED” in the status column opposite the name of a security indicates that the security has become a Section 13(f) security. The word “DELETED” in the status column opposite the name of a security indicates that the security ceases to be a 13(f) security since the date of the last list.
  
- (2) List of options: An asterisk is placed next to the name of any security having a listed option and each option is individually listed with its own CUSIP number immediately below the name of the security having the option. A manager reporting holdings of options on its Form 13F should use the CUSIP number of the underlying securities to which the option relates.

CUSIP descriptions and numerical identification date (copyright 1969 through 2023, American Bankers Association) are used with permission. All rights are reserved.

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 1

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
B38564 10 8 *	EURONAV NV	SHS	
B38564 90 8	EURONAV NV	CALL	
B38564 95 8	EURONAV NV	PUT	
B6S7WD 10 6	NYXOAH S A	SHS	
C00948 10 6 *	AGRIFORCE GROWING SYSTEMS LT	COM	
C00948 90 6	AGRIFORCE GROWING SYSTEMS LT	CALL	
C00948 95 6	AGRIFORCE GROWING SYSTEMS LT	PUT	
C00948 11 4	AGRIFORCE GROWING SYSTEMS LT	*W EXP 02/01/202	
C96657 11 6	VISION MARINE TECHNOLOGIES I	COM	
D18190 89 8 *	DEUTSCHE BANK A G	NAMEN AKT	
D18190 90 8	DEUTSCHE BANK A G	CALL	
D18190 95 8	DEUTSCHE BANK A G	PUT	
F21107 10 1 *	CONSTELLIUM SE	CL A SHS	
F21107 90 1	CONSTELLIUM SE	CALL	
F21107 95 1	CONSTELLIUM SE	PUT	
G0R45S 10 9	AIB ACQUISITION CORPORATION	CLASS A ORD	
G0R45S 11 7	AIB ACQUISITION CORPORATION	RIGHT 10/31/2028	
G0R45S 12 5	AIB ACQUISITION CORPORATION	UNIT 12/15/2026	
G00496 10 2	ABG ACQUISITION CORP I	CL A SHS	DELETED
G0083E 10 2	ACE GLOBAL BUSINESS ACQU LTD	ORDINARY SHARES	
G0083E 11 0	ACE GLOBAL BUSINESS ACQU LTD	*W EXP 02/20/202	
G0083E 12 8	ACE GLOBAL BUSINESS ACQU LTD	UNIT 03/26/2026	
G0084W 10 1 *	ADIENT PLC	ORD SHS	
G0084W 90 1	ADIENT PLC	CALL	
G0084W 95 1	ADIENT PLC	PUT	
G0085J 10 9	ADS TEC ENERGY PLC	*W EXP 12/22/202	
G0085J 11 7	ADS TEC ENERGY PLC	SHS	
G01109 10 0	AFTERNEXT HEALTHTECH ACQUISI	SHS CL A	
G01109 11 8	AFTERNEXT HEALTHTECH ACQUISI	UNIT 99/99/9999	
G01109 12 6	AFTERNEXT HEALTHTECH ACQUISI	*W EXP 99/99/999	
G0112R 10 8	AFRICAN GOLD ACQUISITION COR	SHS CL A	
G0112R 11 6	AFRICAN GOLD ACQUISITION COR	UNIT 99/99/9999	
G01125 10 6 *	AFYA LTD	CL A COM	
G01125 90 6	AFYA LTD	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 2

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G01125 95 6	AFYA LTD	PUT	
G01202 10 3	AGILE GROWTH CORP	CLASS A ORD	DELETED
G01202 11 1	AGILE GROWTH CORP	*W EXP 03/09/202	DELETED
G01202 12 9	AGILE GROWTH CORP	UNIT 03/09/2026	DELETED
G01212 10 2	AGBA GROUP HOLDING LTD	SHS	
G01212 11 0	AGBA GROUP HOLDING LTD	*W EXP 03/15/202	
G0132V 10 5	AGM GROUP HOLDINGS INC	SHS CL A	
G01322 10 9	AHREN ACQUISITION CORP	CLASS A ORD SHS	
G01322 11 7	AHREN ACQUISITION CORP	UNIT 12/09/2026	
G01322 12 5	AHREN ACQUISITION CORP	*W EXP 12/09/202	
G0135E 10 0	AIMFINITY INVESTMENT CORP I	UNIT 02/01/2029	
G0135E 12 6	AIMFINITY INVESTMENT CORP I	*W EXP 04/21/202	
G0135E 14 2	AIMFINITY INVESTMENT CORP I	UNIT 04/21/2027	
G0176J 10 9 *	ALLEGION PLC	ORD SHS	
G0176J 90 9	ALLEGION PLC	CALL	
G0176J 95 9	ALLEGION PLC	PUT	
G01767 10 5 *	ALKERMES PLC	SHS	
G01767 90 5	ALKERMES PLC	CALL	
G01767 95 5	ALKERMES PLC	PUT	
G0223V 10 5	ALPHATIME ACQUISITION CORP	ORDINARY SHARES	ADDED
G0223V 11 3	ALPHATIME ACQUISITION CORP	UNIT 03/01/2028	
G0223V 12 1	ALPHATIME ACQUISITION CORP	*W EXP 03/01/202	ADDED
G0223V 13 9	ALPHATIME ACQUISITION CORP	RIGHT 03/01/2028	ADDED
G0230C 10 8	ALPHA STAR ACQUISITION CORP	ORDINARY SHARES	
G0230C 11 6	ALPHA STAR ACQUISITION CORP	*W EXP 12/13/202	
G0230C 12 4	ALPHA STAR ACQUISITION CORP	UNIT 12/13/2026	
G0230C 13 2	ALPHA STAR ACQUISITION CORP	RIGHT 05/30/2023	
G0231L 10 7	ALSP ORCHID ACQUISITION CORP	CLASS A ORD	
G0231L 11 5	ALSP ORCHID ACQUISITION CORP	UNIT 11/30/2028	
G0231L 12 3	ALSP ORCHID ACQUISITION CORP	*W EXP 11/30/202	
G0250X 10 7 *	AMCOR PLC	ORD	
G0250X 90 7	AMCOR PLC	CALL	
G0250X 95 7	AMCOR PLC	PUT	
G02532 10 2	AMBIPAR EMERGENCY RESPONSE	CL A ORD SHS	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 3

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G02532 11 0	AMBIPAR EMERGENCY RESPONSE	*W EXP 99/99/999	ADDED
G02602 10 3 *	AMDOCS LTD	SHS	
G02602 90 3	AMDOCS LTD	CALL	
G02602 95 3	AMDOCS LTD	PUT	
G0283A 10 8	ALPHAVEST ACQUISITION CORP	ORDINARY SHARES	ADDED
G0283A 11 6	ALPHAVEST ACQUISITION CORP	RIGHT 06/19/2024	ADDED
G0283A 12 4	ALPHAVEST ACQUISITION CORP	UNIT 06/19/2024	
G0360L 11 8	ALTAMIRA THERAPEUTICS LTD	*W EXP 03/29/202	ADDED
G0360L 20 9 *	ALTAMIRA THERAPEUTICS LTD	SHS NEW	
G0360L 90 9	ALTAMIRA THERAPEUTICS LTD	CALL	
G0360L 95 9	ALTAMIRA THERAPEUTICS LTD	PUT	
G0369L 10 1	ANGHAMI INC	ORD SHS	
G0369L 11 9	ANGHAMI INC	*W EXP 02/03/202	
G037AX 10 1 *	AMBARELLA INC	SHS	
G037AX 90 1	AMBARELLA INC	CALL	
G037AX 95 1	AMBARELLA INC	PUT	
G0370U 10 8	ALTIMAR ACQUISITION CORP III	SHS CL A	
G0370U 12 4	ALTIMAR ACQUISITION CORP III	UNIT 99/99/9999	
G03959 10 6	ANTHEMIS DIGITAL ACQUISITION	CLASS A ORD	
G03959 11 4	ANTHEMIS DIGITAL ACQUISITION	*W EXP 11/01/202	
G03959 12 2	ANTHEMIS DIGITAL ACQUISITION	UNIT 10/18/2026	
G0403H 10 8 *	AON PLC	SHS CL A	
G0403H 90 8	AON PLC	CALL	
G0403H 95 8	AON PLC	PUT	
G04058 10 6	AP ACQUISITION CORP	CL A ORD SHS	
G04058 11 4	AP ACQUISITION CORP	*W EXP 12/07/202	
G04058 12 2	AP ACQUISITION CORP	UNIT 99/99/9999	
G041JN 10 6	ANTELOPE ENTERPRISE HLDGS LT	CLASS A ORD	
G0411D 10 7	APOLLOMICS INC	CL A SHS	ADDED
G0411D 11 5	APOLLOMICS INC	*W EXP 04/01/202	ADDED
G04119 10 6	PATHFINDER ACQUISITION CORP	CL A	DELETED
G04119 11 4	PATHFINDER ACQUISITION CORP	UNIT 02/17/2026	DELETED
G04119 12 2	PATHFINDER ACQUISITION CORP	*W EXP 02/19/202	DELETED
G0412A 10 2	APOLLO STRATEGIC GRWT CPTL I	SHS CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 4

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G0412A 11 0	APOLLO STRATEGIC GRWT CPTL I	UNIT 99/99/9999	
G0412A 12 8	APOLLO STRATEGIC GRWT CPTL I	*W EXP 02/12/202	
G0440J 10 9	APX ACQUISITION CORP I	CLASS A ORD SHS	
G0440J 11 7	APX ACQUISITION CORP I	UNIT 12/07/2026	
G0440J 12 5	APX ACQUISITION CORP I	*W EXP 11/30/202	
G0450A 10 5 *	ARCH CAP GROUP LTD	ORD	
G0450A 90 5	ARCH CAP GROUP LTD	CALL	
G0450A 95 5	ARCH CAP GROUP LTD	PUT	
G04553 10 6 *	ARCO PLATFORM LTD	COM CL A	
G04553 90 6	ARCO PLATFORM LTD	CALL	
G04553 95 6	ARCO PLATFORM LTD	PUT	
G0457F 10 7 *	ARCOS DORADOS HOLDINGS INC	SHS CLASS -A -	
G0457F 90 7	ARCOS DORADOS HOLDINGS INC	CALL	
G0457F 95 7	ARCOS DORADOS HOLDINGS INC	PUT	
G0464B 10 7 *	ARGO GROUP INTL HLDGS LTD	COM	
G0464B 90 7	ARGO GROUP INTL HLDGS LTD	CALL	
G0464B 95 7	ARGO GROUP INTL HLDGS LTD	PUT	
G0477L 10 0	ARCTOS NORTHSTAR ACQUIS CORP	SHS CL A	DELETED
G0477L 11 8	ARCTOS NORTHSTAR ACQUIS CORP	UNIT 99/99/9999	DELETED
G0477L 12 6	ARCTOS NORTHSTAR ACQUIS CORP	*W EXP 99/99/999	DELETED
G05157 10 5	ASCENDANT DIGITAL ACQ CORP I	CL A COM	DELETED
G05157 12 1	ASCENDANT DIGITAL ACQ CORP I	UNIT 99/99/9999	DELETED
G0535E 10 6	ASIA PACIFIC WIRE & CABLE CO	ORD	
G0542N 10 7 *	ARIES I ACQUISITION CORP	CLASS A ORD SHS	
G0542N 90 7	ARIES I ACQUISITION CORP	CALL	
G0542N 95 7	ARIES I ACQUISITION CORP	PUT	
G0542N 11 5	ARIES I ACQUISITION CORP	UNIT 03/18/2026	
G0542N 12 3	ARIES I ACQUISITION CORP	*W EXP 03/18/202	
G0542S 10 6	A SPAC I ACQUISITION CORP	CLASS A ORD SHS	
G0542S 11 4	A SPAC I ACQUISITION CORP	RIGHT 12/09/2026	
G0542S 12 2	A SPAC I ACQUISITION CORP	UNIT 12/09/2026	
G0542S 13 0	A SPAC I ACQUISITION CORP	*W EXP 05/21/202	
G0543H 10 9	A SPAC II ACQUISITION CORP	ORD SHS CL A	
G0543H 11 7	A SPAC II ACQUISITION CORP	*W EXP 10/15/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 5

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G0543H 12 5	A SPAC II ACQUISITION CORP	UNIT 10/15/2026	
G0543H 13 3	A SPAC II ACQUISITION CORP	RIGHT 10/15/2026	
G0567U 10 1 *	ARQIT QUANTUM INC	ORDINARY SHARES	
G0567U 90 1	ARQIT QUANTUM INC	CALL	
G0567U 95 1	ARQIT QUANTUM INC	PUT	
G0567U 11 9	ARQIT QUANTUM INC	*W EXP 09/03/202	
G0585R 10 6 *	ASSURED GUARANTY LTD	COM	
G0585R 90 6	ASSURED GUARANTY LTD	CALL	
G0585R 95 6	ASSURED GUARANTY LTD	PUT	
G0602B 20 9	ATIF HOLDINGS LIMITED	ORD SHS NEW	
G06362 10 0	AURA FAT PROJS ACQUISITION C	CLASS A ORD	
G06362 11 8	AURA FAT PROJS ACQUISITION C	UNIT 03/31/2027	
G06362 12 6	AURA FAT PROJS ACQUISITION C	*W EXP 03/31/202	
G06536 10 9	WAVERLEY CAPITAL ACQUIS CORP	SHS CL A	
G06536 11 7	WAVERLEY CAPITAL ACQUIS CORP	*W EXP 07/15/202	
G06536 12 5	WAVERLEY CAPITAL ACQUIS CORP	UNIT 99/99/9999	
G06607 10 8	AUTHENTIC EQUITY ACQUISTN CO	CL A SHS	DELETED
G06607 11 6	AUTHENTIC EQUITY ACQUISTN CO	UNIT 10/31/2027	DELETED
G06607 12 4	AUTHENTIC EQUITY ACQUISTN CO	*W EXP 01/20/202	DELETED
G0692U 10 9 *	AXIS CAP HLDGS LTD	SHS	
G0692U 90 9	AXIS CAP HLDGS LTD	CALL	
G0692U 95 9	AXIS CAP HLDGS LTD	PUT	
G0698L 10 3	AURORA ACQUISITION CORP	CLASS A ORD SHS	
G0698L 11 1	AURORA ACQUISITION CORP	UNIT 03/02/2026	
G0698L 12 9	AURORA ACQUISITION CORP	*W EXP 03/02/202	
G06984 10 1	AURORA TECHNOLOGY ACQUISITIO	UNIT 01/27/2027	
G06984 11 9	AURORA TECHNOLOGY ACQUISITIO	CLASS A ORD SHS	
G06984 12 7	AURORA TECHNOLOGY ACQUISITIO	*W EXP 01/27/202	
G06984 13 5	AURORA TECHNOLOGY ACQUISITIO	RIGHT 01/27/2027	
G0703K 10 8	AXIOS SUSTAINABLE GRW ACQ CO	CL A ORD SHS	
G0703K 11 6	AXIOS SUSTAINABLE GRW ACQ CO	*W EXP 99/99/999	
G0703K 12 4	AXIOS SUSTAINABLE GRW ACQ CO	RIGHT 99/99/9999	
G07031 20 9	BABYLON HLDGS LTD	CL A SHS	
G0704V 10 3	BAIJIAYUN GROUP LTD	SHS CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 6

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G0750C 10 8 *	AXALTA COATING SYS LTD	COM	
G0750C 90 8	AXALTA COATING SYS LTD	CALL	
G0750C 95 8	AXALTA COATING SYS LTD	PUT	
G0751N 10 3 *	ATLANTICA SUSTAINABLE INFR P	SHS	
G0751N 90 3	ATLANTICA SUSTAINABLE INFR P	CALL	
G0751N 95 3	ATLANTICA SUSTAINABLE INFR P	PUT	
G0772R 20 8 *	BANK OF NT BUTTERFIELD&SON L	SHS NEW	
G0772R 90 8	BANK OF NT BUTTERFIELD&SON L	CALL	
G0772R 95 8	BANK OF NT BUTTERFIELD&SON L	PUT	
G0888J 10 8	BATTERY FUTURE ACQUISITION C	CL A ORD SHS	
G0888J 11 6	BATTERY FUTURE ACQUISITION C	UNIT 99/99/9999	
G0888J 12 4	BATTERY FUTURE ACQUISITION C	*W EXP 99/99/9999	
G08908 11 6	BAOSHENG MEDIA GROUP HLDNG L	SHS NEW	DELETED
G08908 12 4	BAOSHENG MEDIA GROUP HLDNG L	SHS NEW	ADDED
G1R25Q 10 5	BYTE ACQUISITION CORP	CLASS A ORD SHS	
G1R25Q 11 3	BYTE ACQUISITION CORP	*W EXP 03/18/202	
G1R25Q 12 1	BYTE ACQUISITION CORP	UNIT 03/18/2029	
G10830 10 0 *	BEYONDSRING INC	SHS	
G10830 90 0	BEYONDSRING INC	CALL	
G10830 95 0	BEYONDSRING INC	PUT	
G1110E 10 7 *	BIOHAVEN LTD	COM	
G1110E 90 7	BIOHAVEN LTD	CALL	
G1110E 95 7	BIOHAVEN LTD	PUT	
G1117K 11 4 *	BIOCERES CROP SOLUTIONS CORP	SHS	
G1117K 90 4	BIOCERES CROP SOLUTIONS CORP	CALL	
G1117K 95 4	BIOCERES CROP SOLUTIONS CORP	PUT	
G11217 10 9	BIOPLUS ACQUISITION CORP	UNIT 12/02/2026	
G11217 11 7	BIOPLUS ACQUISITION CORP	CLASS A ORD SHS	
G11217 12 5	BIOPLUS ACQUISITION CORP	*W EXP 12/02/202	
G1125A 10 8	BIOTECH ACQUISITION COMPANY	CL A SHS	DELETED
G1125A 11 6	BIOTECH ACQUISITION COMPANY	*W EXP 11/30/202	DELETED
G1125A 12 4	BIOTECH ACQUISITION COMPANY	UNIT 11/30/2027	DELETED
G1144A 10 5 *	BIT DIGITAL INC	SHS	
G1144A 90 5	BIT DIGITAL INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 7

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G1144A 95 5	BIT DIGITAL INC	PUT	
G1144D 12 5	BIT BROTHER LIMITED	SHS NEW CL A ORD	
G1151C 10 1 *	ACCENTURE PLC IRELAND	SHS CLASS A	
G1151C 90 1	ACCENTURE PLC IRELAND	CALL	
G1151C 95 1	ACCENTURE PLC IRELAND	PUT	
G11537 10 0	BLACK SPADE ACQUISITION CO	SHS CL A	
G11537 11 8	BLACK SPADE ACQUISITION CO	*W EXP 07/16/202	
G11537 12 6	BLACK SPADE ACQUISITION CO	UNIT 99/99/9999	
G11728 10 5	BLEUACACIA LTD	CLASS A ORD SHS	
G11728 11 3	BLEUACACIA LTD	*W EXP 10/30/202	
G11728 12 1	BLEUACACIA LTD	UNIT 10/30/2026	
G11728 13 9	BLEUACACIA LTD	RIGHT 10/30/2026	
G11765 10 7	BLOCKCHAIN COINVSTRS ACQ CRP	CLASS A ORD	
G11765 11 5	BLOCKCHAIN COINVSTRS ACQ CRP	*W EXP 11/01/202	
G11765 12 3	BLOCKCHAIN COINVSTRS ACQ CRP	UNIT 09/01/2026	
G1195N 10 5	BLUESCAPE OPPORTUNITIES ACQU	SHS	
G1195N 11 3	BLUESCAPE OPPORTUNITIES ACQU	*W EXP 10/28/202	
G1195N 12 1	BLUESCAPE OPPORTUNITIES ACQU	UNIT 99/99/9999	
G1195R 10 6	BLUE SAFARI GRP ACQUISITN CO	CLASS A ORD SHS	
G1195R 12 2	BLUE SAFARI GRP ACQUISITN CO	UNIT 06/10/2026	
G1195R 13 0	BLUE SAFARI GRP ACQUISITN CO	RIGHT 09/24/2026	
G1261Q 10 7	BLUERIVER ACQUISITION CORP	CL A ORD SHS	
G1261Q 11 5	BLUERIVER ACQUISITION CORP	*W EXP 01/04/202	
G1261Q 12 3	BLUERIVER ACQUISITION CORP	UNIT 01/04/2026	
G1263E 10 2	BLUE WORLD ACQUISITION CORP	CLASS A ORD SHS	
G1263E 11 0	BLUE WORLD ACQUISITION CORP	RIGHT 08/29/2029	
G1263E 12 8	BLUE WORLD ACQUISITION CORP	UNIT 01/10/2029	
G1263E 13 6	BLUE WORLD ACQUISITION CORP	*W EXP 01/10/202	
G1329V 20 5	BLUE HAT INTERACTIVE ENTMT T	SHS	
G1330L 10 5	BLUE OCEAN ACQUISITION CORP	CLASS A ORD SHS	
G1330L 11 3	BLUE OCEAN ACQUISITION CORP	UNIT 12/02/2026	
G1330L 12 1	BLUE OCEAN ACQUISITION CORP	*W EXP 12/02/202	
G1330M 10 3	BLUE WHALE ACQUISITION CORP	CLASS A ORD SHS	
G1330M 11 1	BLUE WHALE ACQUISITION CORP	UNIT 07/30/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 8

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G1330M 12 9	BLUE WHALE ACQUISITION CORP	*W EXP 07/30/202	
G13311 10 8	BRERA HOLDINGS PLC	CLASS B ORD	ADDED
G1355U 10 5	BRIDGETOWN HOLDINGS LTD	UNIT 10/15/2025	
G1355U 11 3 *	BRIDGETOWN HOLDINGS LTD	COM CL A	
G1355U 90 3	BRIDGETOWN HOLDINGS LTD	CALL	
G1355U 95 3	BRIDGETOWN HOLDINGS LTD	PUT	
G1355U 12 1	BRIDGETOWN HOLDINGS LTD	*W EXP 09/30/202	
G14492 10 5	BON NATURAL LIFE LIMITED	ORD SHS	
G1466B 20 2	BORQS TECHNOLOGIES INC	SHS NEW	
G1466R 17 3 *	BORR DRILLING LTD	SHS	
G1466R 90 3	BORR DRILLING LTD	CALL	
G1466R 95 3	BORR DRILLING LTD	PUT	
G1611B 10 7	BROOGE ENERGY LTD	SHS	
G1611B 11 5	BROOGE ENERGY LTD	*W EXP 12/20/202	
G16234 10 9 *	BROOKFIELD BUSINESS PARTNERS	UNIT LTD L P	
G16234 90 9	BROOKFIELD BUSINESS PARTNERS	CALL	
G16234 95 9	BROOKFIELD BUSINESS PARTNERS	PUT	
G16250 10 5 *	BROOKFIELD REINS LTD	CL A EXCH LT VTG	
G16250 90 5	BROOKFIELD REINS LTD	CALL	
G16250 95 5	BROOKFIELD REINS LTD	PUT	
G16252 10 1 *	BROOKFIELD INFRAST PARTNERS	LP INT UNIT	
G16252 90 1	BROOKFIELD INFRAST PARTNERS	CALL	
G16252 95 1	BROOKFIELD INFRAST PARTNERS	PUT	
G16258 10 8 *	BROOKFIELD RENEWABLE PARTNER	PARTNERSHIP UNIT	
G16258 90 8	BROOKFIELD RENEWABLE PARTNER	CALL	
G16258 95 8	BROOKFIELD RENEWABLE PARTNER	PUT	
G1643W 10 3	BRILLIANT ACQUISITION CORP	UNIT 12/31/2020	
G1643W 11 1	BRILLIANT ACQUISITION CORP	SHS	
G1643W 12 9	BRILLIANT ACQUISITION CORP	*W EXP 03/30/202	
G1643W 13 7	BRILLIANT ACQUISITION CORP	RIGHT 99/99/9999	
G16962 10 5 *	BUNGE LIMITED	COM	
G16962 90 5	BUNGE LIMITED	CALL	
G16962 95 5	BUNGE LIMITED	PUT	
G1745A 10 8	CACTUS ACQUISITION CORP 1 LT	CLASS A ORD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 9

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G1745A 11 6	CACTUS ACQUISITION CORP 1 LT	UNIT 08/17/2028	
G1745A 12 4	CACTUS ACQUISITION CORP 1 LT	*W EXP 08/17/202	
G1757E 11 3 *	CALEDONIA MNG CORP PLC	SHS NEW	
G1757E 90 3	CALEDONIA MNG CORP PLC	CALL	
G1757E 95 3	CALEDONIA MNG CORP PLC	PUT	
G17766 10 9 *	CAMBIUM NETWORKS CORP	SHS	
G17766 90 9	CAMBIUM NETWORKS CORP	CALL	
G17766 95 9	CAMBIUM NETWORKS CORP	PUT	
G1792A 10 0	BULLPEN PARLAY ACQUISITION C	CLASS A ORD SHS	
G1792A 11 8	BULLPEN PARLAY ACQUISITION C	*W EXP 12/03/202	
G1792A 12 6	BULLPEN PARLAY ACQUISITION C	UNIT 12/03/2026	
G17977 11 0 *	BURFORD CAP LTD	ORD SHS	
G17977 90 0	BURFORD CAP LTD	CALL	
G17977 95 0	BURFORD CAP LTD	PUT	
G1889L 10 0	CAPITALWORKS EMNG MKTS ACQST	CLASS A ORD SHS	
G1889L 11 8	CAPITALWORKS EMNG MKTS ACQST	UNIT 01/01/2026	
G1889L 12 6	CAPITALWORKS EMNG MKTS ACQST	*W EXP 11/19/202	
G1890L 10 7 *	CAPRI HOLDINGS LIMITED	SHS	
G1890L 90 7	CAPRI HOLDINGS LIMITED	CALL	
G1890L 95 7	CAPRI HOLDINGS LIMITED	PUT	
G1901X 10 8	CARAVELLE INTERNATIONAL GROU	ORD SHS	
G19276 10 7	ALVARIUM TIEDEMANN HLDNGS IN	CLASS A COMMON	
G19276 11 5	CARTESIAN GROWTH CORP	*W EXP 02/26/202	DELETED
G19276 12 3	CARTESIAN GROWTH CORP	UNIT 02/26/2028	DELETED
G19305 10 4	CARTESIAN GROWTH CORP II	UNIT 07/12/2028	
G19305 11 2	CARTESIAN GROWTH CORP II	CLASS A ORD	
G19305 12 0	CARTESIAN GROWTH CORP II	*W EXP 07/12/202	
G1933S 10 1 *	CASI PHARMACEUTICALS INC	ORD SHS	ADDED
G1933S 90 1	CASI PHARMACEUTICALS INC	CALL	ADDED
G1933S 95 1	CASI PHARMACEUTICALS INC	PUT	ADDED
G19550 10 5	CATALYST PARTNRS ACQUISITN C	CLASS A ORD SHS	DELETED
G19550 11 3	CATALYST PARTNRS ACQUISITN C	UNIT 99/99/9999	DELETED
G19550 12 1	CATALYST PARTNRS ACQUISITN C	*W EXP 05/12/202	DELETED
G1962Y 10 2	CATCHA INVESTMENT CORP	SHS CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 10

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G1962Y 12 8	CATCHA INVESTMENT CORP	UNIT 99/99/9999	DELETED
G1991X 10 9	CBL INTL LTD	ORDINARY SHARES	ADDED
G1992N 10 0	CC NEUBERGER PRINCIPAL HOLDN	SHS CL A	
G1992N 11 8	CC NEUBERGER PRINCIPAL HOLDN	UNIT 99/99/9999	
G1992N 12 6	CC NEUBERGER PRINCIPAL HOLDN	*W EXP 02/05/202	
G1995D 10 9	CARTICA ACQUISITION CORP	CLASS A ORD SHS	
G1995D 11 7	CARTICA ACQUISITION CORP	*W EXP 04/30/202	
G1995D 12 5	CARTICA ACQUISITION CORP	UNIT 04/30/2028	
G2R05B 10 0	DP CAP ACQUISITION CORP I	CLASS A ORD	
G2R05B 11 8	DP CAP ACQUISITION CORP I	UNIT 11/08/2026	
G2R05B 12 6	DP CAP ACQUISITION CORP I	*W EXP 11/08/202	
G2R18K 10 5	CONSTELLATION ACQUISITN CORP	SHS CL A	
G2R18K 11 3	CONSTELLATION ACQUISITN CORP	*W EXP 01/29/202	
G2R18K 12 1	CONSTELLATION ACQUISITN CORP	UNIT 99/99/9999	
G2007L 10 5 *	CAZOO GROUP LTD	COM	DELETED
G2007L 90 5	CAZOO GROUP LTD	CALL	DELETED
G2007L 95 5	CAZOO GROUP LTD	PUT	DELETED
G2007L 11 3	CAZOO GROUP LTD	*W EXP 08/26/202	DELETED
G2007L 20 4 *	CAZOO GROUP LTD	CL A	ADDED
G2007L 90 4	CAZOO GROUP LTD	CALL	ADDED
G2007L 95 4	CAZOO GROUP LTD	PUT	ADDED
G2058L 10 3	CHAVANT CAPITAL ACQUISITN CO	ORDINARY SHARES	
G2058L 11 1	CHAVANT CAPITAL ACQUISITN CO	*W EXP 99/99/999	
G2058L 12 9	CHAVANT CAPITAL ACQUISITN CO	UNIT 07/16/2026	
G2061X 10 2	CHAIN BRIDGE I	CLASS A ORD	
G2061X 11 0	CHAIN BRIDGE I	*W EXP 11/10/202	
G2061X 12 8	CHAIN BRIDGE I	UNIT 03/31/2026	
G2086M 10 7	CHENGHE ACQUISITION CO	CLASS A ORD	
G2086M 11 5	CHENGHE ACQUISITION CO	UNIT 04/22/2027	
G2086M 12 3	CHENGHE ACQUISITION CO	*W EXP 04/22/202	
G2104U 10 7	CHANSON INTL HLDG	CLASS A ORD	ADDED
G21082 10 5 *	CHINA YUCHAI INTL LTD	COM	
G21082 90 5	CHINA YUCHAI INTL LTD	CALL	
G21082 95 5	CHINA YUCHAI INTL LTD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 11

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G2110U 10 9	CHINA NATURAL RESOURCES INC	COM	
G2124G 11 2	CHINA JO-JO DRUGSTORES INC	ORD SHS	
G21307 10 6 *	CI&T INC	COM CL A	
G21307 90 6	CI&T INC	CALL	
G21307 95 6	CI&T INC	PUT	
G2143T 10 3 *	CIMPRESS PLC	SHS EURO	
G2143T 90 3	CIMPRESS PLC	CALL	
G2143T 95 3	CIMPRESS PLC	PUT	
G2161P 13 2	CHINA SXT PHARMACEUTICALS IN	SHS NEW	
G2161Y 10 9	CHINA LIBERAL ED HLDGS LTD	ORD	
G21621 10 0	BIT ORIGIN LTD	SHS	
G2181K 10 5	CN ENERGY GROUP INC	CLASS A ORD	
G21810 10 9 *	CLARIVATE PLC	ORD SHS	
G21810 90 9	CLARIVATE PLC	CALL	
G21810 95 9	CLARIVATE PLC	PUT	
G21810 20 8	CLARIVATE PLC	5.25% PFD CONV A	
G2263T 10 7	COLISEUM ACQUISITION CORP	*W EXP 08/22/202	
G2263T 11 5	COLISEUM ACQUISITION CORP	UNIT 04/02/2028	
G2263T 12 3	COLISEUM ACQUISITION CORP	CLASS A ORD SHS	
G2284B 10 1	COLONNADE ACQUISITION CORP I	SHS CL A	DELETED
G2284B 11 9	COLONNADE ACQUISITION CORP I	*W EXP 99/99/999	DELETED
G2284B 12 7	COLONNADE ACQUISITION CORP I	UNIT 99/99/9999	DELETED
G2287A 20 9	COLOR STAR TECHNOLOGY CO LTD	SHS NEW	
G2311X 10 0	CLIMATEROCK	CLASS A ORD	
G2311X 11 8	CLIMATEROCK	*W EXP 04/25/202	
G2311X 12 6	CLIMATEROCK	UNIT 04/25/2027	
G2311X 13 4	CLIMATEROCK	RIGHT 10/31/2028	
G2365L 10 1	CONSILIU ACQUISITN CORP I L	CLASS A ORD SHS	
G2365L 11 9	CONSILIU ACQUISITN CORP I L	*W EXP 06/01/202	
G2365L 12 7	CONSILIU ACQUISITN CORP I L	RIGHT 07/01/2023	
G2365L 13 5	CONSILIU ACQUISITN CORP I L	UNIT 01/12/2027	
G23773 10 7 *	CONSOLIDATED WATER CO INC	ORD	
G23773 90 7	CONSOLIDATED WATER CO INC	CALL	
G23773 95 7	CONSOLIDATED WATER CO INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 12

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G2415A 11 3	COOL CO LTD	COMMON SHARES	ADDED
G24237 10 2	CORAZON CAPITAL V838 MONOCER	CLASS A ORD SHS	DELETED
G24237 11 0	CORAZON CAPITAL V838 MONOCER	UNIT 03/24/2026	DELETED
G24237 12 8	CORAZON CAPITAL V838 MONOCER	*W EXP 03/24/202	DELETED
G2425N 10 5	CORNER GROWTH ACQUISITION CO	CL A SHS	
G2425N 11 3	CORNER GROWTH ACQUISITION CO	*W EXP 99/99/999	
G2425N 12 1	CORNER GROWTH ACQUISITION CO	UNIT 01/01/2027	
G2426E 10 4	CORNER GROWTH ACQUISITN CORP	CLASS A ORD SHS	
G2426E 11 2	CORNER GROWTH ACQUISITN CORP	UNIT 05/27/2026	
G2426E 12 0	CORNER GROWTH ACQUISITN CORP	*W EXP 04/09/202	
G2476C 10 7	COMPASS DIGITAL ACQUISITN CO	CLASS A ORD	
G2476C 11 5	COMPASS DIGITAL ACQUISITN CO	UNIT 09/29/2026	
G2476C 12 3	COMPASS DIGITAL ACQUISITN CO	*W EXP 09/29/202	
G2519Y 10 8 *	CREDICORP LTD	COM	
G2519Y 90 8	CREDICORP LTD	CALL	
G2519Y 95 8	CREDICORP LTD	PUT	
G2540H 10 8	CORSAIR PARTNERING CORP	SHS CL A	
G2540H 11 6	CORSAIR PARTNERING CORP	*W EXP 07/06/202	
G2540H 12 4	CORSAIR PARTNERING CORP	UNIT 99/99/9999	
G2542B 10 9	COUNTER PRESS ACQUISITION CO	UNIT 02/07/2027	DELETED
G2542B 11 7	COUNTER PRESS ACQUISITION CO	CLASS A ORD SHS	DELETED
G2542B 12 5	COUNTER PRESS ACQUISITION CO	*W EXP 02/07/202	DELETED
G25457 10 5 *	CREDO TECHNOLOGY GROUP HOLDI	ORDINARY SHARES	
G25457 90 5	CREDO TECHNOLOGY GROUP HOLDI	CALL	
G25457 95 5	CREDO TECHNOLOGY GROUP HOLDI	PUT	
G25741 10 2	CROWN PROPTECH ACQUISITIONS	SHS CL A	
G25741 12 8	CROWN PROPTECH ACQUISITIONS	UNIT 99/99/9999	
G25839 10 4 *	COCA-COLA EUROPACIFIC PARTNE	SHS	
G25839 90 4	COCA-COLA EUROPACIFIC PARTNE	CALL	
G25839 95 4	COCA-COLA EUROPACIFIC PARTNE	PUT	
G26507 10 6	CRESCERA CAP ACQUISITION COR	CLASS A ORD SHS	
G26507 11 4	CRESCERA CAP ACQUISITION COR	*W EXP 11/18/202	
G26507 12 2	CRESCERA CAP ACQUISITION COR	UNIT 11/18/2026	
G26735 10 3	ANDRETTI ACQUISITION CORP	CL A ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 13

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G26735 11 1	ANDRETTI ACQUISITION CORP	UNIT 99/99/9999	
G26735 12 9	ANDRETTI ACQUISITION CORP	*W EXP 99/99/999	
G27029 10 0	DEEP LAKE CAPITAL ACQUSTN CO	CL A SHS	DELETED
G27029 11 8	DEEP LAKE CAPITAL ACQUSTN CO	*W EXP 01/04/202	DELETED
G27029 12 6	DEEP LAKE CAPITAL ACQUSTN CO	UNIT 01/04/2026	DELETED
G2717B 10 8 *	CUSHMAN WAKEFIELD PLC	SHS	
G2717B 90 8	CUSHMAN WAKEFIELD PLC	CALL	
G2717B 95 8	CUSHMAN WAKEFIELD PLC	PUT	
G27358 10 3 *	DESPEGAR COM CORP	ORD SHS	
G27358 90 3	DESPEGAR COM CORP	CALL	
G27358 95 3	DESPEGAR COM CORP	PUT	
G2758T 10 9	DHC ACQUISITION CORP	CLASS A ORD SHS	
G2758T 11 7	DHC ACQUISITION CORP	*W EXP 02/25/202	
G2758T 12 5	DHC ACQUISITION CORP	UNIT 02/25/2026	
G2770Y 10 2	DISRUPTIVE ACQUISITION CORP	CLASS A ORD SHS	
G2770Y 11 0	DISRUPTIVE ACQUISITION CORP	UNIT 03/06/2026	
G2770Y 12 8	DISRUPTIVE ACQUISITION CORP	*W EXP 03/06/202	
G2773W 10 3	DECARBONIZATION PLUS ACQUISI	COM CL A	DELETED
G2773W 11 1	DECARBONIZATION PLUS ACQUISI	*W EXP 07/15/202	DELETED
G2773W 12 9	DECARBONIZATION PLUS ACQUISI	UNIT 07/15/2026	DELETED
G27740 10 2	DISTOKEN ACQUISITION CORP	*W EXP 11/30/202	ADDED
G27740 11 0	DISTOKEN ACQUISITION CORP	ORDINARY SHARES	ADDED
G27740 13 6	DISTOKEN ACQUISITION CORP	RIGHT 99/99/9999	ADDED
G2788T 10 3 *	DOGNESS INTERNATIONAL CORP	COM CL A	
G2788T 90 3	DOGNESS INTERNATIONAL CORP	CALL	
G2788T 95 3	DOGNESS INTERNATIONAL CORP	PUT	
G27907 10 7 *	DOLE PLC	ORD SHS	
G27907 90 7	DOLE PLC	CALL	
G27907 95 7	DOLE PLC	PUT	
G28315 10 2	DRAGONEER GROWTH OPT CORP II	CL A SHS	DELETED
G28365 10 7	METALPHA TECHN HOLDING LTD	SHS	
G28923 10 3 *	DIVERSEY HLDGS LTD	ORD SHS	
G28923 90 3	DIVERSEY HLDGS LTD	CALL	
G28923 95 3	DIVERSEY HLDGS LTD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 14

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G29018 10 1 *	DLOCAL LTD	CLASS A COM	
G29018 90 1	DLOCAL LTD	CALL	
G29018 95 1	DLOCAL LTD	PUT	
G29183 10 3 *	EATON CORP PLC	SHS	
G29183 90 3	EATON CORP PLC	CALL	
G29183 95 3	EATON CORP PLC	PUT	
G29201 10 3	ECARX HOLDINGS INC	CLASS A ORD	
G29201 11 1	ECARX HOLDINGS INC	*W EXP 12/20/202	
G2952X 11 2	E-HOME HOUSEHOLD SVC HLDGS L	ORD SHS NEW	
G3R19A 10 4	FINTECH EVOLUTION ACQUIS GRO	SHS CL A	DELETED
G3R19A 11 2	FINTECH EVOLUTION ACQUIS GRO	UNIT 99/99/9999	DELETED
G3R23A 10 8	GALATA ACQUISITION CORP	SHS CL A	
G3R23A 11 6	GALATA ACQUISITION CORP	*W EXP 99/99/999	
G3R23A 12 4	GALATA ACQUISITION CORP	UNIT 99/99/9999	
G3R23D 10 2	GENESIS GRWT TECH ACQUSTN CO	CLASS A ORD SHS	
G3R23D 11 0	GENESIS GRWT TECH ACQUSTN CO	UNIT 99/99/9999	
G3R23D 12 8	GENESIS GRWT TECH ACQUSTN CO	*W EXP 99/99/999	
G3R239 10 1 *	GAMBLING COM GROUP LIMITED	ORDINARY SHARES	
G3R239 90 1	GAMBLING COM GROUP LIMITED	CALL	
G3R239 95 1	GAMBLING COM GROUP LIMITED	PUT	
G3R25D 10 0	FUSION FUEL GREEN PLC	*W EXP 12/10/202	
G3R25D 11 8 *	FUSION FUEL GREEN PLC	CL A	
G3R25D 90 8	FUSION FUEL GREEN PLC	CALL	
G3R25D 95 8	FUSION FUEL GREEN PLC	PUT	
G3R33A 20 5 *	EBANG INTL HLDGS INC	CL A ORD SH NEW	
G3R33A 90 5	EBANG INTL HLDGS INC	CALL	
G3R33A 95 5	EBANG INTL HLDGS INC	PUT	
G3R34K 10 3	FINNOVATE ACQUISITION CORP	CLASS A ORD SHS	
G3R34K 11 1	FINNOVATE ACQUISITION CORP	*W EXP 09/30/202	
G3R34K 12 9	FINNOVATE ACQUISITION CORP	UNIT 09/23/2026	
G3R95N 10 3	ESGEN ACQUISITION CORP	SHS CL A	
G3R95N 11 1	ESGEN ACQUISITION CORP	*W EXP 10/18/202	
G3R95N 12 9	ESGEN ACQUISITION CORP	UNIT 10/18/2026	
G30092 10 3	ELLIOTT OPPORTUNITY II CORP	SHS CL A	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 15

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G30092 11 1	ELLIOTT OPPORTUNITY II CORP	*W EXP 03/02/202	
G30092 12 9	ELLIOTT OPPORTUNITY II CORP	UNIT 99/99/9999	
G3033X 10 5	EMERGING MARKETS HORIZON COR	CLASS A ORD SHS	DELETED
G3033X 11 3	EMERGING MARKETS HORIZON COR	UNIT 99/99/9999	DELETED
G3033X 12 1	EMERGING MARKETS HORIZON COR	*W EXP 11/16/202	DELETED
G3034H 10 9	EMBRACE CHANGE ACQUISITN COR	ORDINARY SHARES	
G3034H 12 5	EMBRACE CHANGE ACQUISITN COR	*W EXP 10/25/202	
G3034H 13 3	EMBRACE CHANGE ACQUISITN COR	UNIT 03/17/2027	
G3034H 14 1	EMBRACE CHANGE ACQUISITN COR	RIGHT 10/25/2026	
G30449 10 5	ENERGEM CORP	CLASS A ORD SHS	
G30449 11 3	ENERGEM CORP	UNIT 11/15/2026	
G30449 12 1	ENERGEM CORP	*W EXP 11/15/202	
G3075P 10 1 *	ENSTAR GROUP LIMITED	SHS	
G3075P 90 1	ENSTAR GROUP LIMITED	CALL	
G3075P 95 1	ENSTAR GROUP LIMITED	PUT	
G3104J 10 0	EPICQUEST EDUCATN GRP INTL L	COM	
G31070 10 8	SCION TECH GROWTH II	CL A SHS	DELETED
G31070 11 6	SCION TECH GROWTH II	*W EXP 01/28/202	DELETED
G31070 12 4	SCION TECH GROWTH II	UNIT 99/99/9999	DELETED
G3109F 10 3	ERAYAK PWR SOLUTION GROUP IN	CLASS A ORD SHS	
G31249 10 8 *	ESTABLISHMENT LABS HLDGS INC	COM	
G31249 90 8	ESTABLISHMENT LABS HLDGS INC	CALL	
G31249 95 8	ESTABLISHMENT LABS HLDGS INC	PUT	
G31363 10 7	ETAO INTERNATIONAL CO LTD	ORD SHS	ADDED
G3137C 10 6	ENTERPRISE 4.0 TEC ACQSTN CO	CLASS A ORD SHS	
G3137C 11 4	ENTERPRISE 4.0 TEC ACQSTN CO	*W EXP 10/21/202	
G3137C 12 2	ENTERPRISE 4.0 TEC ACQSTN CO	UNIT 10/14/2026	
G3141W 10 6	EUCRATES BIOMEDICAL ACQU COR	SHS	
G3141W 11 4	EUCRATES BIOMEDICAL ACQU COR	UNIT 10/23/2027	
G3141W 12 2	EUCRATES BIOMEDICAL ACQU COR	*W EXP 10/23/202	
G3142E 10 5	EUDA HEALTH HOLDINGS LTD	ORD SHS	
G3142E 12 1	EUDA HEALTH HOLDINGS LTD	*W EXP 09/24/202	
G3156P 10 3 *	ASA GOLD AND PRECIOUS MTLs L	SHS	
G3156P 90 3	ASA GOLD AND PRECIOUS MTLs L	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 16

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G3156P 95 3	ASA GOLD AND PRECIOUS MTL S L	PUT	
G31642 10 4 *	CLPS INCORPORATION	COM	
G31642 90 4	CLPS INCORPORATION	CALL	
G31642 95 4	CLPS INCORPORATION	PUT	
G31658 10 0	ARYA SCIENCES ACQUISITN CORP	CLASS A ORD SHS	
G31659 10 8	ARYA SCIENCES ACQU CORP IV	CL A	
G3167F 10 2	EUROPEAN BIOTECH ACQUTN CORP	CLASS A ORD SHS	DELETED
G3167F 11 0	EUROPEAN BIOTECH ACQUTN CORP	UNIT 03/09/2026	DELETED
G3167F 12 8	EUROPEAN BIOTECH ACQUTN CORP	*W EXP 03/06/202	DELETED
G3167L 10 9	ENPHYS ACQUISITION CORP	CL A ORD SHS	
G3167L 11 7	ENPHYS ACQUISITION CORP	*W EXP 99/99/999	
G3167L 12 5	ENPHYS ACQUISITION CORP	UNIT 99/99/9999	
G3195H 10 4	ESM ACQUISITION CORPORATION	SHS CL A	DELETED
G3195H 11 2	ESM ACQUISITION CORPORATION	*W EXP 02/02/202	DELETED
G3195H 12 0	ESM ACQUISITION CORPORATION	UNIT 99/99/9999	DELETED
G3198U 10 2 *	ESSENT GROUP LTD	COM	
G3198U 90 2	ESSENT GROUP LTD	CALL	
G3198U 95 2	ESSENT GROUP LTD	PUT	
G32030 12 7	EURO TECH HOLDINGS CO LTD	SHS NEW	
G3218G 10 9	EVE MOBILITY ACQUISITION COR	CL A ORD SHS	
G3218G 11 7	EVE MOBILITY ACQUISITION COR	*W EXP 12/31/202	
G3218G 12 5	EVE MOBILITY ACQUISITION COR	UNIT 99/99/9999	
G32219 10 0	HPX CORP	CL A ORD SHS	DELETED
G32219 11 8	HPX CORP	UNIT 07/14/2025	DELETED
G32219 12 6	HPX CORP	*W EXP 07/14/202	DELETED
G3223R 10 8 *	EVEREST RE GROUP LTD	COM	
G3223R 90 8	EVEREST RE GROUP LTD	CALL	
G3223R 95 8	EVEREST RE GROUP LTD	PUT	
G3302D 10 3	FGI INDUSTRIES LTD	ORDINARY SHARES	
G3302D 11 1	FGI INDUSTRIES LTD	*W EXP 01/21/202	
G33032 10 6 *	ARES ACQUISITION CORPORATION	COM CL A	
G33032 90 6	ARES ACQUISITION CORPORATION	CALL	
G33032 95 6	ARES ACQUISITION CORPORATION	PUT	
G33032 11 4	ARES ACQUISITION CORPORATION	UNIT 99/99/9999	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 17

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G33032 12 2	ARES ACQUISITION CORPORATION	*W EXP 02/02/202	
G3312L 10 3 *	FAR PEAK ACQUISITION CORP	SHS CL A	DELETED
G3312L 90 3	FAR PEAK ACQUISITION CORP	CALL	DELETED
G3312L 95 3	FAR PEAK ACQUISITION CORP	PUT	DELETED
G3312L 12 9	FAR PEAK ACQUISITION CORP	UNIT 99/99/9999	DELETED
G3312W 10 9	EVERGREEN CORPORATION	CLASS A ORD SHS	
G3312W 11 7	EVERGREEN CORPORATION	*W EXP 02/08/202	
G3312W 12 5	EVERGREEN CORPORATION	UNIT 02/08/2027	
G3323L 10 0 *	FABRINET	SHS	
G3323L 90 0	FABRINET	CALL	
G3323L 95 0	FABRINET	PUT	
G33277 12 3	FARMMI INC	SHS NEW	
G33856 10 8 *	FERROGLOBE PLC	SHS	
G33856 90 8	FERROGLOBE PLC	CALL	
G33856 95 8	FERROGLOBE PLC	PUT	
G3400W 10 2	FAT PROJECTS ACQUISITION COR	CLASS A ORD SHS	
G3400W 11 0	FAT PROJECTS ACQUISITION COR	*W EXP 08/31/202	
G3400W 12 8	FAT PROJECTS ACQUISITION COR	UNIT 10/12/2026	
G34142 10 2	FIFTH WALL ACQUISITN CORP II	CLASS A ORD SHS	
G3421J 10 6 *	FERGUSON PLC NEW	SHS	
G3421J 90 6	FERGUSON PLC NEW	CALL	
G3421J 95 6	FERGUSON PLC NEW	PUT	
G35947 20 2 *	FLEX LNG LTD	SHS	
G35947 90 2	FLEX LNG LTD	CALL	
G35947 95 2	FLEX LNG LTD	PUT	
G3619H 10 2	FORBION EUROPEAN ACQUSTN COR	CLASS A ORD SHS	
G3619H 11 0	FORBION EUROPEAN ACQUSTN COR	*W EXP 12/10/202	
G3619H 12 8	FORBION EUROPEAN ACQUSTN COR	UNIT 12/10/2026	
G36427 10 5	FORTRESS CAPITAL ACQUISITION	SHS CL A	DELETED
G36427 11 3	FORTRESS CAPITAL ACQUISITION	UNIT 99/99/9999	DELETED
G3663X 10 2	FREEDOM ACQUISITION I CORP	UNIT 99/99/9999	
G3663X 11 0	FREEDOM ACQUISITION I CORP	SHS CL A	
G3663X 12 8	FREEDOM ACQUISITION I CORP	*W EXP 03/02/202	
G36738 10 5 *	FRESH DEL MONTE PRODUCE INC	ORD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 18

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G36738 90 5	FRESH DEL MONTE PRODUCE INC	CALL	
G36738 95 5	FRESH DEL MONTE PRODUCE INC	PUT	
G36816 10 9	FRONTIER INVESTMENT CORP	CLASS A ORD SHS	
G36816 11 7	FRONTIER INVESTMENT CORP	UNIT 06/29/2026	
G36816 12 5	FRONTIER INVESTMENT CORP	*W EXP 06/29/202	
G3682E 19 2 *	FRONTLINE LTD	SHS NEW	DELETED
G3682E 90 2	FRONTLINE LTD	CALL	DELETED
G3682E 95 2	FRONTLINE LTD	PUT	DELETED
G36826 10 8	FRONTIER ACQUISITION CORP	CLASS A ORD SHS	DELETED
G36826 11 6	FRONTIER ACQUISITION CORP	UNIT 03/01/2026	DELETED
G36826 12 4	FRONTIER ACQUISITION CORP	*W EXP 03/15/202	DELETED
G3728V 10 9 *	GAN LTD	SHS	
G3728V 90 9	GAN LTD	CALL	
G3728V 95 9	GAN LTD	PUT	
G3728Y 10 3	FTAC HERA ACQUISITION CORP	CLASS A ORD SHS	DELETED
G3728Y 11 1	FTAC HERA ACQUISITION CORP	*W EXP 02/28/202	DELETED
G3728Y 12 9	FTAC HERA ACQUISITION CORP	UNIT 02/28/2026	DELETED
G37283 10 1	FTAC ATHENA ACQUISITION CORP	CL A SHS	DELETED
G37283 11 9	FTAC ATHENA ACQUISITION CORP	*W EXP 03/01/202	DELETED
G37283 12 7	FTAC ATHENA ACQUISITION CORP	UNIT 99/99/9999	DELETED
G3730V 10 5 *	FTAI AVIATION LTD	SHS	
G3730V 90 5	FTAI AVIATION LTD	CALL	
G3730V 95 5	FTAI AVIATION LTD	PUT	
G3731J 10 1	GAMES & ESPORTS EXPRNC ACQ C	UNIT 12/01/2026	
G3731J 11 9	GAMES & ESPORTS EXPRNC ACQ C	CLASS A ORD SHS	
G3731J 12 7	GAMES & ESPORTS EXPRNC ACQ C	*W EXP 12/01/202	
G38258 10 2	GENERATION ASIA I ACQUISITIO	CL A ORD SHS	
G38258 11 0	GENERATION ASIA I ACQUISITIO	UNIT 99/99/9999	
G38258 12 8	GENERATION ASIA I ACQUISITIO	*W EXP 99/99/999	
G38327 10 5 *	GEPARK LTD	USD SHS	
G38327 90 5	GEPARK LTD	CALL	
G38327 95 5	GEPARK LTD	PUT	
G38537 10 9	GESHER I ACQUISITION CORP	CLASS A ORD	DELETED
G38537 11 7	GESHER I ACQUISITION CORP	UNIT 04/16/2028	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 19

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G38537 12 5	GESHER I ACQUISITION CORP	*W EXP 04/16/202	DELETED
G3855L 10 6	GH RESEARCH PLC	ORDINARY SHARES	
G38644 10 3 *	GIGACLOUD TECHNOLOGY INC	CLASS A ORD	
G38644 90 3	GIGACLOUD TECHNOLOGY INC	CALL	
G38644 95 3	GIGACLOUD TECHNOLOGY INC	PUT	
G3902L AC 3	GDS HLDGS LTD	NOTE 4.500% 1/3	ADDED
G39108 10 8 *	GATES INDL CORP PLC	ORD SHS	
G39108 90 8	GATES INDL CORP PLC	CALL	
G39108 95 8	GATES INDL CORP PLC	PUT	
G3922B 10 7 *	GENPACT LIMITED	SHS	
G3922B 90 7	GENPACT LIMITED	CALL	
G3922B 95 7	GENPACT LIMITED	PUT	
G3932F 10 6	SUNRISE NEW ENERGY CO LTD	SHS	
G3934N 10 7	GLOBAL TECHNOLOGY ACQSTN CORP	CLASS A ORD	
G3934N 11 5	GLOBAL TECHNOLOGY ACQSTN CORP	*W EXP 10/19/202	
G3934N 12 3	GLOBAL TECHNOLOGY ACQSTN CORP	UNIT 10/19/2026	
G3934P 10 2	GLOBAL PARTNER ACQISTN CORP	CL A SHS	
G3934P 11 0	GLOBAL PARTNER ACQISTN CORP	UNIT 01/06/2026	
G3934P 12 8	GLOBAL PARTNER ACQISTN CORP	*W EXP 01/14/202	
G3934V 10 9 *	GENIUS SPORTS LIMITED	SHARES CL A	
G3934V 90 9	GENIUS SPORTS LIMITED	CALL	
G3934V 95 9	GENIUS SPORTS LIMITED	PUT	
G3934V 11 7	GENIUS SPORTS LIMITED	*W EXP 04/20/202	DELETED
G39342 10 3 *	GLOBAL CORD BLOOD CORPORATIO	SHS	
G39342 90 3	GLOBAL CORD BLOOD CORPORATIO	CALL	
G39342 95 3	GLOBAL CORD BLOOD CORPORATIO	PUT	
G39387 10 8 *	GLOBALFOUNDRIES INC	ORDINARY SHARES	
G39387 90 8	GLOBALFOUNDRIES INC	CALL	
G39387 95 8	GLOBALFOUNDRIES INC	PUT	
G39462 12 5	G MED INNOVATIONS HLDGS LTD	SHS NEW	DELETED
G39462 13 3	G MED INNOVATIONS HLDGS LTD	*W EXP 06/29/202	
G39462 14 1	G MED INNOVATIONS HLDGS LTD	SHS NEW	ADDED
G39637 20 5 *	GOLDEN OCEAN GROUP LTD	SHS NEW	
G39637 90 5	GOLDEN OCEAN GROUP LTD	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 20

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G39637 95 5	GOLDEN OCEAN GROUP LTD	PUT	
G3970D 10 4	GOLDENBRIDGE ACQUISITION LTD	SHS	
G3970D 11 2	GOLDENBRIDGE ACQUISITION LTD	UNIT 03/02/2026	
G3970D 12 0	GOLDENBRIDGE ACQUISITION LTD	*W EXP 10/28/202	
G3970D 13 8	GOLDENBRIDGE ACQUISITION LTD	RIGHT 10/28/2025	
G39714 10 3	HH&L ACQUISITION CO	SHS CL A	
G39714 11 1	HH&L ACQUISITION CO	UNIT 99/99/9999	
G39714 12 9	HH&L ACQUISITION CO	*W EXP 02/04/202	
G39973 10 5	GLORY STAR NEW MED GP HLDG L	SHS	
G39973 11 3	GLORY STAR NEW MED GP HLDG L	*W EXP 02/13/202	
G4R20B 10 7 *	INTER & CO INC	CLASS A COM	
G4R20B 90 7	INTER & CO INC	CALL	
G4R20B 95 7	INTER & CO INC	PUT	
G4R23P 10 3	HHG CAPITAL CORPORATION	ORDINARY SHARES	
G4R23P 12 9	HHG CAPITAL CORPORATION	*W EXP 02/25/202	
G4R23P 13 7	HHG CAPITAL CORPORATION	UNIT 02/25/2026	
G4R23P 14 5	HHG CAPITAL CORPORATION	RIGHT 02/25/2026	
G4000A 10 2	EDOC ACQUISITION CORP	CL A	
G4000A 11 0	EDOC ACQUISITION CORP	*W EXP 11/30/202	
G4000A 13 6	EDOC ACQUISITION CORP	RIGHT 11/30/2027	
G4000K 10 0	GORILLA TECHNOLOGY GROUP INC	ORDINARY SHARES	
G4000K 11 8	GORILLA TECHNOLOGY GROUP INC	*W EXP 07/13/202	
G4013A 10 7	GOLDEN SUN ED GROUP LTD	CLASS A ORD	
G4086B 10 7	GREENCITY ACQUISITION CORP	COM	
G4086B 11 5	GREENCITY ACQUISITION CORP	UNIT 04/30/2026	
G4086B 12 3	GREENCITY ACQUISITION CORP	*W EXP 04/30/202	
G4095J 10 9 *	GREENLIGHT CAPITAL RE LTD	CLASS A	
G4095J 90 9	GREENLIGHT CAPITAL RE LTD	CALL	
G4095J 95 9	GREENLIGHT CAPITAL RE LTD	PUT	
G4095T 10 7	GREENLAND TECHNOLOGIES HLDG	SHS NEW	
G4124C 10 9 *	GRAB HOLDINGS LIMITED	CLASS A ORD	
G4124C 90 9	GRAB HOLDINGS LIMITED	CALL	
G4124C 95 9	GRAB HOLDINGS LIMITED	PUT	
G4124C 11 7	GRAB HOLDINGS LIMITED	*W EXP 12/01/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 21

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G41522 10 6	THE GROWTH FOR GOOD ACQU COR	CLASS A ORD SHS	
G41522 11 4	THE GROWTH FOR GOOD ACQU COR	*W EXP 11/12/202	
G41522 12 2	THE GROWTH FOR GOOD ACQU COR	UNIT 11/12/2026	
G41522 13 0	THE GROWTH FOR GOOD ACQU COR	RIGHT 11/12/2026	
G4166K 10 0	GREEN VISOR FIN TEC ACQ CORP	CLASS A ORD	
G4166K 11 8	GREEN VISOR FIN TEC ACQ CORP	UNIT 11/08/2026	
G4166K 12 6	GREEN VISOR FIN TEC ACQ CORP	*W EXP 10/27/202	
G4204R 10 9	G SQUARED ASCEND I INC	SHS CL A	DELETED
G4204R 12 5	G SQUARED ASCEND I INC	UNIT 99/99/9999	DELETED
G42041 10 6	G SQUARED ASCEND II INC	COM CL A	
G42041 11 4	G SQUARED ASCEND II INC	UNIT 99/99/9999	
G42041 12 2	G SQUARED ASCEND II INC	*W EXP 12/31/202	
G4233U 10 7	HAINAN MANASLU ACQUISTN CORP	ORDINARY SHARES	
G4233U 11 5	HAINAN MANASLU ACQUISTN CORP	RIGHT 01/31/2029	
G4233U 12 3	HAINAN MANASLU ACQUISTN CORP	UNIT 01/31/2029	
G4233U 13 1	HAINAN MANASLU ACQUISTN CORP	*W EXP 01/31/202	
G4236L 11 2	GUARDFORCE AI CO LTD	SHS NEW	DELETED
G4236L 12 0	GUARDFORCE AI CO LTD	*W EXP 10/01/202	
G4236L 13 8	GUARDFORCE AI CO LTD	SHS NEW	ADDED
G4289N 20 5	PARANOVUS ENTERTNMNT TECH LT	ORD SHS CL A NEW	
G4365A 10 1	HCM ACQUISITION CO	CLASS A ORD SHS	
G4365A 11 9	HCM ACQUISITION CO	UNIT 01/20/2027	
G4365A 12 7	HCM ACQUISITION CO	*W EXP 01/20/202	
G4373K 10 9	HEALTHCARE AI ACQUISITION CO	CLASS A ORD SHS	
G4373K 11 7	HEALTHCARE AI ACQUISITION CO	*W EXP 99/99/999	
G4373K 12 5	HEALTHCARE AI ACQUISITION CO	UNIT 12/07/2026	
G4388N 10 6 *	HELEN OF TROY LTD	COM	
G4388N 90 6	HELEN OF TROY LTD	CALL	
G4388N 95 6	HELEN OF TROY LTD	PUT	
G4411D 10 9	HEALTH SCIENCES ACQ CORP 2	ORD SHS	DELETED
G4412G 10 1 *	HERBALIFE NUTRITION LTD	COM SHS	
G4412G 90 1	HERBALIFE NUTRITION LTD	CALL	
G4412G 95 1	HERBALIFE NUTRITION LTD	PUT	
G44525 10 6	PEARL HOLDINGS ACQUISITN COR	CLASS A ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 22

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G44525 11 4	PEARL HOLDINGS ACQUISITN COR	*W EXP 12/15/202	
G44525 12 2	PEARL HOLDINGS ACQUISITN COR	UNIT 12/15/2026	
G4474Y 21 4 *	JANUS HENDERSON GROUP PLC	ORD SHS	
G4474Y 90 4	JANUS HENDERSON GROUP PLC	CALL	
G4474Y 95 4	JANUS HENDERSON GROUP PLC	PUT	
G4481U 10 6	HIGHWAY HLDGS LTD	ORD	
G45139 10 5	HITEK GLOBAL INC	ORD SHS	ADDED
G45667 10 5 *	HOLLYSYS AUTOMATION TCHNGY L	SHS	
G45667 90 5	HOLLYSYS AUTOMATION TCHNGY L	CALL	
G45667 95 5	HOLLYSYS AUTOMATION TCHNGY L	PUT	
G4594M 10 8	HONGLI GROUP INC.	ORDINARY SHARES	ADDED
G46044 10 6 *	HORIZON ACQUISITION CORPORAT	SHS CL A	
G46044 90 6	HORIZON ACQUISITION CORPORAT	CALL	
G46044 95 6	HORIZON ACQUISITION CORPORAT	PUT	
G46044 11 4	HORIZON ACQUISITION CORPORAT	*W EXP 10/19/202	
G46044 12 2	HORIZON ACQUISITION CORPORAT	UNIT 10/19/2027	
G46188 10 1 *	HORIZON THERAPEUTICS PUB L	SHS	
G46188 90 1	HORIZON THERAPEUTICS PUB L	CALL	
G46188 95 1	HORIZON THERAPEUTICS PUB L	PUT	
G4619M 10 9	HORIZON SPACE ACQUSTN I CORP	ORDINARY SHARES	ADDED
G4619M 11 7	HORIZON SPACE ACQUSTN I CORP	*W EXP 03/02/202	ADDED
G4619M 12 5	HORIZON SPACE ACQUSTN I CORP	RIGHT 03/02/2024	ADDED
G4619M 13 3	HORIZON SPACE ACQUSTN I CORP	UNIT 03/02/2029	
G4645E 10 5	HUADI INTERNATIONAL GRP CO L	SHS	
G4660A 10 3	HIMALAYA SHIPPING LTD	ORD SHS	ADDED
G46843 10 1	IBERE PHARMACEUTICALS	SHS CL A	DELETED
G46843 11 9	IBERE PHARMACEUTICALS	*W EXP 03/01/202	DELETED
G46843 12 7	IBERE PHARMACEUTICALS	UNIT 99/99/9999	DELETED
G4690M 10 1	IBEX LTD	SHS NEW	
G4701H 10 9 *	IHS HOLDING LIMITED	ORD SHS	
G4701H 90 9	IHS HOLDING LIMITED	CALL	
G4701H 95 9	IHS HOLDING LIMITED	PUT	
G4705A 10 0 *	ICON PLC	SHS	
G4705A 90 0	ICON PLC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 23

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G4705A 95 0	ICON PLC	PUT	
G4712C 10 7	ICONIC SPORTS ACQUISITION CO	CL A ORD SHS	
G4712C 11 5	ICONIC SPORTS ACQUISITION CO	*W EXP 10/12/202	
G4712C 12 3	ICONIC SPORTS ACQUISITION CO	UNIT 99/99/9999	
G4740B 10 5 *	ICHOR HOLDINGS	SHS	
G4740B 90 5	ICHOR HOLDINGS	CALL	
G4740B 95 5	ICHOR HOLDINGS	PUT	
G4760B 10 0	ICZOOM GROUP INC.	CL A ORD SHS	ADDED
G4760X 10 2	INDONESIA ENERGY CORP LTD	ORD SHS	
G4761A 10 1	INDEPENDENCE HOLDINGS CORP	CLASS A ORD SHS	DELETED
G4761A 11 9	INDEPENDENCE HOLDINGS CORP	UNIT 03/02/2026	DELETED
G4761A 12 7	INDEPENDENCE HOLDINGS CORP	*W EXP 03/31/202	DELETED
G47724 20 1	INFOBIRD CO LTD	ORD SHS NEW	
G47862 10 0	INFINT ACQUISITION CORP	CL A ORD SHS	
G47862 11 8	INFINT ACQUISITION CORP	UNIT 99/99/9999	
G47862 12 6	INFINT ACQUISITION CORP	*W EXP 99/99/999	
G47874 10 5	INFLECTION POINT ACQUSTN COR	UNIT 09/21/2026	DELETED
G47874 11 3	INFLECTION POINT ACQUSTN COR	*W EXP 09/21/202	DELETED
G47874 12 1	INFLECTION POINT ACQUSTN COR	CLASS A ORD	DELETED
G48028 10 7	INFINITE ACQUISITION CORP	CL A ORD SHS	
G48028 11 5	INFINITE ACQUISITION CORP	UNIT 99/99/9999	
G48028 12 3	INFINITE ACQUISITION CORP	*W EXP 11/23/202	
G4804S 10 1	INTELLIGENT LIVING APPLICATI	ORD SHS	
G4809J 10 6 *	INTL GNRL INSURANCE HLDNGS L	SHS	
G4809J 90 6	INTL GNRL INSURANCE HLDNGS L	CALL	
G4809J 95 6	INTL GNRL INSURANCE HLDNGS L	PUT	
G4809J 11 4	INTL GNRL INSURANCE HLDNGS L	*W EXP 03/17/202	
G4809M 10 9	INNOVATIVE INTL ACQUSITIN CO	CLASS A ORD	
G4809M 11 7	INNOVATIVE INTL ACQUSITIN CO	UNIT 10/26/2026	
G4809M 12 5	INNOVATIVE INTL ACQUSITIN CO	*W EXP 07/01/202	
G4828B 10 0	INTEGRATED WELLNESS ACQ CORP	ORD SHS CL A	
G4828B 11 8	INTEGRATED WELLNESS ACQ CORP	*W EXP 10/31/202	
G4828B 12 6	INTEGRATED WELLNESS ACQ CORP	UNIT 99/99/9999	
G4863A 10 8 *	INTERNATIONAL GAME TECHNOLOG	SHS USD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 24

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G4863A 90 8	INTERNATIONAL GAME TECHNOLOG	CALL	
G4863A 95 8	INTERNATIONAL GAME TECHNOLOG	PUT	
G48833 11 8 *	WEATHERFORD INTL PLC	ORD SHS	
G48833 90 8	WEATHERFORD INTL PLC	CALL	
G48833 95 8	WEATHERFORD INTL PLC	PUT	
G491BT 10 8 *	INVESCO LTD	SHS	
G491BT 90 8	INVESCO LTD	CALL	
G491BT 95 8	INVESCO LTD	PUT	
G49219 10 1	INVESTCORP INDIA ACQUISTN CO	CLASS A ORD SHS	
G49219 11 9	INVESTCORP INDIA ACQUISTN CO	UNIT 06/01/2028	
G49219 12 7	INVESTCORP INDIA ACQUISTN CO	*W EXP 06/01/202	
G4923T 10 5	INVESTCORP EUROPE ACQUISITIO	CLASS A ORD SHS	
G4923T 11 3	INVESTCORP EUROPE ACQUISITIO	*W EXP 12/15/202	
G4923T 12 1	INVESTCORP EUROPE ACQUISITIO	UNIT 12/15/2026	
G49667 10 1	ISRAEL ACQUISITIONS CORP	CLASS A ORD	ADDED
G49667 11 9	ISRAEL ACQUISITIONS CORP	*W EXP 99/99/999	ADDED
G49667 13 5	ISRAEL ACQUISITIONS CORP	UNIT 12/12/2027	ADDED
G49773 10 7	ITIQUIRA ACQUISITION CORP	CL A SHS	DELETED
G49773 11 5	ITIQUIRA ACQUISITION CORP	*W EXP 02/03/202	DELETED
G49773 12 3	ITIQUIRA ACQUISITION CORP	UNIT 02/03/2026	DELETED
G4989X 10 7	JACK CREEK INVESTMENT CORP	UNIT 10/01/2023	DELETED
G4989X 11 5	JACK CREEK INVESTMENT CORP	CL A SHS	DELETED
G4989X 12 3	JACK CREEK INVESTMENT CORP	*W EXP 10/01/202	DELETED
G5S11A 10 6	JAGUAR GLOBAL GROWTH CORP I	CLASS A ORD SHS	
G5S11A 13 0	JAGUAR GLOBAL GROWTH CORP I	*W EXP 11/23/202	
G5S11A 14 8	JAGUAR GLOBAL GROWTH CORP I	UNIT 01/01/2027	
G5S11A 15 5	JAGUAR GLOBAL GROWTH CORP I	RIGHT 01/01/2027	
G5S70A 10 4	MAGNUM OPUS ACQUISITION LTD	SHS CL A	
G5S70A 11 2	MAGNUM OPUS ACQUISITION LTD	*W EXP 03/06/202	
G5S70A 12 0	MAGNUM OPUS ACQUISITION LTD	UNIT 06/03/2026	
G5S74L 10 6	MELI KASZEK PIONEER CORP	CLASS A ORD	
G5000D 10 3	IX ACQUISITION CORP	CLASS A ORD SHS	
G5000D 11 1	IX ACQUISITION CORP	*W EXP 07/31/202	
G5000D 12 9	IX ACQUISITION CORP	UNIT 07/31/2028	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 25

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G5005R 10 7 *	JAMES RIV GROUP LTD	COM	
G5005R 90 7	JAMES RIV GROUP LTD	CALL	
G5005R 95 7	JAMES RIV GROUP LTD	PUT	
G50735 10 2	JAWS JUGGERNAUT ACQUISITN CO	CLASS A ORD SHS	
G50735 11 0	JAWS JUGGERNAUT ACQUISITN CO	*W EXP 06/17/202	
G50735 12 8	JAWS JUGGERNAUT ACQUISITN CO	UNIT 06/17/2026	
G50737 10 8	JAWS MUSTANG ACQUISITION COR	SHS CL A	
G50737 11 6	JAWS MUSTANG ACQUISITION COR	UNIT 99/99/9999	
G50737 12 4	JAWS MUSTANG ACQUISITION COR	*W EXP 01/30/202	
G50752 10 7	JATT ACQUISITION CORP	SHS CL A	DELETED
G50752 11 5	JATT ACQUISITION CORP	UNIT 99/99/9999	DELETED
G50752 12 3	JATT ACQUISITION CORP	*W EXP 07/19/202	DELETED
G50871 10 5 *	JAZZ PHARMACEUTICALS PLC	SHS USD	
G50871 90 5	JAZZ PHARMACEUTICALS PLC	CALL	
G50871 95 5	JAZZ PHARMACEUTICALS PLC	PUT	
G50875 10 6	JE CLEANTECH HOLDINGS LIMITE	ORDINARY SHARES	
G5140V 10 4	JIN MED INTL LTD.	ORD SHS	ADDED
G51400 10 2	JIUZI HOLDINGS INC	ORD SHS	
G51405 10 1	FREIGHTOS LTD	ORD SHS	ADDED
G51405 11 9	FREIGHTOS LTD	*W EXP 99/99/999	ADDED
G51413 10 5	FREIGHT TECHNOLOGIES INC	ORDINARY SHARES	DELETED
G51413 11 3	FREIGHT TECHNOLOGIES INC	SHS NEW	ADDED
G51502 10 5 *	JOHNSON CTLS INTL PLC	SHS	
G51502 90 5	JOHNSON CTLS INTL PLC	CALL	
G51502 95 5	JOHNSON CTLS INTL PLC	PUT	
G5194C 10 1	JOWELL GLOBAL LTD	SHS	
G52110 10 6	KAIROS ACQUISITION CORP	*W EXP 11/30/202	DELETED
G52110 11 4	KAIROS ACQUISITION CORP	CL A SHS	DELETED
G52110 12 2	KAIROS ACQUISITION CORP	UNIT 99/99/9999	DELETED
G52131 10 2	KAIROUS ACQUISITION CORP LTD	UNIT 09/15/2026	
G52131 11 0	KAIROUS ACQUISITION CORP LTD	ORDINARY SHARES	
G52131 12 8	KAIROUS ACQUISITION CORP LTD	*W EXP 09/15/202	
G52131 13 6	KAIROUS ACQUISITION CORP LTD	RIGHT 09/15/2026	
G5223X 10 0 *	KAIXIN AUTO HLDGS	SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 26

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G5223X 90 0	KAIXIN AUTO HLDGS	CALL	
G5223X 95 0	KAIXIN AUTO HLDGS	PUT	
G52251 11 6	KALERA PUBLIC LIMITED CO	*W EXP 06/28/202	
G52251 12 4	KALERA PUBLIC LIMITED CO	SHS NEW	
G5251K 10 3	KENSINGTON CAPITAL ACQUISITI	SHS CL A	
G5251K 11 1	KENSINGTON CAPITAL ACQUISITI	UNIT 99/99/9999	
G5251K 12 9	KENSINGTON CAPITAL ACQUISITI	*W EXP 99/99/999	
G5259L 10 3	KERNEL GROUP HOLDINGS INC	CL A SHS	
G5259L 11 1	KERNEL GROUP HOLDINGS INC	UNIT 99/99/9999	
G5259L 12 9	KERNEL GROUP HOLDINGS INC	*W EXP 02/02/202	
G5260A 10 4	KEYARCH ACQUISITION CORP	ORD SHS CL A	
G5260A 11 2	KEYARCH ACQUISITION CORP	*W EXP 01/24/202	
G5260A 12 0	KEYARCH ACQUISITION CORP	RIGHT 01/24/2027	
G5260A 13 8	KEYARCH ACQUISITION CORP	UNIT 01/24/2027	
G5269C 10 1 *	KINIKSA PHARMACEUTICALS LTD	COM CL A	
G5269C 90 1	KINIKSA PHARMACEUTICALS LTD	CALL	
G5269C 95 1	KINIKSA PHARMACEUTICALS LTD	PUT	
G5279F 10 2	EZGO TECHNOLOGIES LTD	SHS	
G52807 10 7	QUADRO ACQUISITION ONE CORP	CL A SHS	
G52807 11 5	QUADRO ACQUISITION ONE CORP	*W EXP 06/30/202	
G52807 12 3	QUADRO ACQUISITION ONE CORP	UNIT 99/99/9999	
G5338L 10 8	LAMF GLOBAL VENTURES CORP I	CLASS A ORD	
G5338L 11 6	LAMF GLOBAL VENTURES CORP I	UNIT 11/05/2026	
G5338L 12 4	LAMF GLOBAL VENTURES CORP I	*W EXP 11/05/202	
G5346G 10 9	L CATTERTON ASIA ACQUISITION	UNIT 03/11/2026	
G5346G 11 7	L CATTERTON ASIA ACQUISITION	*W EXP 03/08/202	
G5346G 12 5	L CATTERTON ASIA ACQUISITION	CLASS A ORD SHS	
G5352N 10 5	LAKESHORE ACQUISITION II COR	ORDINARY SHARES	
G5352N 11 3	LAKESHORE ACQUISITION II COR	RIGHT 11/18/2026	
G5352N 12 1	LAKESHORE ACQUISITION II COR	*W EXP 11/18/202	
G5352N 13 9	LAKESHORE ACQUISITION II COR	UNIT 02/08/2027	
G5380J 10 0	LANVIN GROUP HOLDINGS LIMITE	SHS	
G5380J 11 8	LANVIN GROUP HOLDINGS LIMITE	*W EXP 01/14/202	
G5380L 10 5	LATAMGROWTH SPAC	CLASS A ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 27

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G5380L 11 3	LATAMGROWTH SPAC	UNIT 01/20/2027	
G5380L 12 1	LATAMGROWTH SPAC	*W EXP 01/20/202	
G5391L 10 2	LAVORO LTD	CLASS A ORD	ADDED
G5391L 11 0	LAVORO LTD	*W EXP 02/27/202	ADDED
G54035 10 3	LAZARD GROWTH ACQUISITION CO	CL A ORD SHS	DELETED
G54035 11 1	LAZARD GROWTH ACQUISITION CO	*W EXP 02/10/202	DELETED
G54035 12 9	LAZARD GROWTH ACQUISITION CO	UNIT 99/99/9999	DELETED
G54050 10 2 *	LAZARD LTD	SHS A	
G54050 90 2	LAZARD LTD	CALL	
G54050 95 2	LAZARD LTD	PUT	
G54085 10 8	LEAD EDGE GROWTH OPRTUNTS LT	COM	DELETED
G54085 11 6	LEAD EDGE GROWTH OPRTUNTS LT	*W EXP 04/01/202	DELETED
G54085 12 4	LEAD EDGE GROWTH OPRTUNTS LT	UNIT 04/01/2026	DELETED
G54094 10 0	LDH GROWTH CORP I	CLASS A ORD SHS	DELETED
G54094 11 8	LDH GROWTH CORP I	UNIT 03/17/2026	DELETED
G54094 12 6	LDH GROWTH CORP I	*W EXP 03/17/202	DELETED
G54157 10 5	LEARN CW INVESTMENT COR	CL A ORD SHS	
G54157 11 3	LEARN CW INVESTMENT COR	*W EXP 10/08/202	
G54157 12 1	LEARN CW INVESTMENT COR	UNIT 99/99/9999	
G5462L 10 6	LEVERE HOLDINGS CORP	CLASS A ORD SHS	DELETED
G5462L 11 4	LEVERE HOLDINGS CORP	UNIT 03/09/2026	DELETED
G5462L 12 2	LEVERE HOLDINGS CORP	*W EXP 03/09/202	DELETED
G5463R 10 2	LEO HLDGS CORP II	COM CL A	
G5463R 11 0	LEO HLDGS CORP II	UNIT 99/99/9999	
G5479G 10 8	LICHEN CHINA LTD	CL A ORD SHS	ADDED
G5480U 10 4 *	LIBERTY GLOBAL PLC	SHS CL A	
G5480U 90 4	LIBERTY GLOBAL PLC	CALL	
G5480U 95 4	LIBERTY GLOBAL PLC	PUT	
G5480U 11 2	LIBERTY GLOBAL PLC	SHS CL B	
G5480U 12 0 *	LIBERTY GLOBAL PLC	SHS CL C	
G5480U 90 0	LIBERTY GLOBAL PLC	CALL	
G5480U 95 0	LIBERTY GLOBAL PLC	PUT	
G5494J 10 3 *	LINDE PLC	SHS	DELETED
G5494J 90 3	LINDE PLC	CALL	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 28

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G5494J 95 3	LINDE PLC	PUT	DELETED
G54950 10 3 *	LINDE PLC	SHS	ADDED
G54950 90 3	LINDE PLC	CALL	ADDED
G54950 95 3	LINDE PLC	PUT	ADDED
G55032 10 9	MICROCLOUD HOLOGRAM INC	ORDINARY SHARES	
G55032 12 5	MICROCLOUD HOLOGRAM INC	*W EXP 01/31/202	
G5509L 10 1 *	LIVANOVA PLC	SHS	
G5509L 90 1	LIVANOVA PLC	CALL	
G5509L 95 1	LIVANOVA PLC	PUT	
G5510R 10 5	LIV CAPITAL ACQUISITN CORP I	CLASS A ORD SHS	
G5510R 11 3	LIV CAPITAL ACQUISITN CORP I	*W EXP 02/07/202	
G5510R 12 1	LIV CAPITAL ACQUISITN CORP I	UNIT 02/07/2027	
G5596W 10 1	WORLD QUANTUM GROWTH ACQUISI	SHS CL A	DELETED
G5596W 11 9	WORLD QUANTUM GROWTH ACQUISI	UNIT 99/99/9999	DELETED
G5596W 12 7	WORLD QUANTUM GROWTH ACQUISI	*W EXP 08/04/202	DELETED
G5698W 11 6 *	LUXFER HLDGS PLC	SHS	
G5698W 90 6	LUXFER HLDGS PLC	CALL	
G5698W 95 6	LUXFER HLDGS PLC	PUT	
G56981 10 6	LUOKUNG TECHNOLOGY CORP	SHS	DELETED
G56981 20 5	LUOKUNG TECHNOLOGY CORP	SHS NEW	ADDED
G5709C 10 9	MSD ACQUISITION CORP	CLASS A ORD SHS	DELETED
G5709C 11 7	MSD ACQUISITION CORP	UNIT 03/25/2026	DELETED
G5709C 12 5	MSD ACQUISITION CORP	*W EXP 03/25/202	DELETED
G5709L 10 9	LUMIRADX LTD	SHS	
G5709L 11 7	LUMIRADX LTD	*W EXP 09/28/202	
G5753U 11 2 *	MAIDEN HOLDINGS LTD	SHS	
G5753U 90 2	MAIDEN HOLDINGS LTD	CALL	
G5753U 95 2	MAIDEN HOLDINGS LTD	PUT	
G5784H 10 6 *	MANCHESTER UTD PLC NEW	ORD CL A	
G5784H 90 6	MANCHESTER UTD PLC NEW	CALL	
G5784H 95 6	MANCHESTER UTD PLC NEW	PUT	
G58411 10 2	MARLIN TECHNOLOGY CORP	CL A SHS	DELETED
G58411 11 0	MARLIN TECHNOLOGY CORP	*W EXP 01/12/202	DELETED
G58411 12 8	MARLIN TECHNOLOGY CORP	UNIT 99/99/9999	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 29

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G5851A 10 9	LYTUS TECHNOLOGS HLDGS PTV L	COM	
G5853A 10 7	MACONDRAY CAP ACQUISITN CORP	CLASS A ORD SHS	DELETED
G5853A 11 5	MACONDRAY CAP ACQUISITN CORP	*W EXP 05/31/202	DELETED
G5853A 12 3	MACONDRAY CAP ACQUISITN CORP	UNIT 05/31/2028	DELETED
G5859B 10 9	MALACCA STRAITS ACQUISITION	*W EXP 06/30/202	
G5859B 11 7	MALACCA STRAITS ACQUISITION	COM CL A	
G5859B 12 5	MALACCA STRAITS ACQUISITION	UNIT 99/99/9999	
G5865E 10 5	MAGIC EMPIRE GLOBAL LTD	ORD SHS	
G5870E 10 8	MARS ACQUISITION CORP	ORDINARY SHARES	ADDED
G5870E 12 4	MARS ACQUISITION CORP	RIGHT 02/09/2028	ADDED
G5870E 13 2	MARS ACQUISITION CORP	UNIT 02/09/2028	ADDED
G5890A 10 2	MALLINCKRODT PLC	ORD SHS	
G5920M 10 0	MARIADB PLC	ORD SHS	
G5920M 11 8	MARIADB PLC	*W EXP 12/16/202	
G59290 10 9	MDJM LTD	SHS	
G59467 20 2 *	MERCURITY FINTECH HOLDING IN	ORDINARY SHARES	ADDED
G59467 90 2	MERCURITY FINTECH HOLDING IN	CALL	ADDED
G59467 95 2	MERCURITY FINTECH HOLDING IN	PUT	ADDED
G5960L 10 3 *	MEDTRONIC PLC	SHS	
G5960L 90 3	MEDTRONIC PLC	CALL	
G5960L 95 3	MEDTRONIC PLC	PUT	
G5960S 10 8	MEDICUS SCIENCES ACQUISITION	CL A SHS	DELETED
G5960S 12 4	MEDICUS SCIENCES ACQUISITION	*W EXP 02/12/202	DELETED
G5966G 10 8	MEIHUA INTL MED TECHNOLOGIES	ORD SHS	
G59665 10 2 *	MEIRAGTX HLDGS PLC	COM	
G59665 90 2	MEIRAGTX HLDGS PLC	CALL	
G59665 95 2	MEIRAGTX HLDGS PLC	PUT	
G6S23K 10 8	MORINGA ACQUISITION CORP	CL A SHS	
G6S23K 11 6	MORINGA ACQUISITION CORP	UNIT 02/16/2026	
G6S23K 12 4	MORINGA ACQUISITION CORP	*W EXP 02/22/202	
G6S34K 10 5 *	MOXIAN BVI INC	ORDINARY SHARES	
G6S34K 90 5	MOXIAN BVI INC	CALL	
G6S34K 95 5	MOXIAN BVI INC	PUT	
G6S38M 10 7	OHMYHOME LTD	ORD SHS	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 30

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G6S41R 10 1 *	RVL PHARMACEUTICALS PLC	SHS	
G6S41R 90 1	RVL PHARMACEUTICALS PLC	CALL	
G6S41R 95 1	RVL PHARMACEUTICALS PLC	PUT	
G60405 10 0	METALS ACQUISITION CORP	SHS CL A	
G60405 11 8	METALS ACQUISITION CORP	UNIT 99/99/9999	
G60405 12 6	METALS ACQUISITION CORP	*W EXP 99/99/999	
G6053N 10 5	METAL SKY STAR ACQUISITION C	ORDINARY SHARES	
G6053N 11 3	METAL SKY STAR ACQUISITION C	RIGHT 03/30/2024	
G6053N 12 1	METAL SKY STAR ACQUISITION C	*W EXP 03/31/202	
G6053N 13 9	METAL SKY STAR ACQUISITION C	UNIT 03/31/2027	
G6055H 10 6	METEN HOLDING GROUP LTD	*W EXP 03/31/202	
G6055H 14 8	METEN HOLDING GROUP LTD	SHS NEW	
G6077Y 10 3	MICROALGO INC	SHS	
G6095L 10 9 *	APTIV PLC	SHS	
G6095L 90 9	APTIV PLC	CALL	
G6095L 95 9	APTIV PLC	PUT	
G6095L 11 7	APTIV PLC	5.5% CNV PFD A	
G6096M 10 6	APTORUM GROUP LIMITED	CL A ORD SHS	DELETED
G6096M 12 2	APTORUM GROUP LIMITED	CL A ORD SHS NEW	ADDED
G61074 10 3	PRIME IMPACT ACQUISITION I	SHS CL A	
G61074 11 1	PRIME IMPACT ACQUISITION I	UNIT 10/01/2030	
G61074 12 9	PRIME IMPACT ACQUISITION I	*W EXP 10/01/203	
G6180C 10 5	MINGZHU LOGISTICS HLDGS LTD	COM	
G6181K 11 4	MMTEC INC	SHS NEW	
G6246M 10 5	MODEL PERFORMANCE ACQU CORP	CLASS A ORD SHS	DELETED
G6246M 11 3	MODEL PERFORMANCE ACQU CORP	UNIT 04/29/2026	DELETED
G6246M 12 1	MODEL PERFORMANCE ACQU CORP	RIGHT 04/29/2026	DELETED
G6246M 13 9	MODEL PERFORMANCE ACQU CORP	*W EXP 04/29/202	DELETED
G6256B 10 6	DENALI CAPITAL ACQUISITN COR	CLASS A ORD	
G6256B 11 4	DENALI CAPITAL ACQUISITN COR	*W EXP 03/28/202	
G6256B 12 2	DENALI CAPITAL ACQUISITN COR	UNIT 03/28/2027	
G6293R 10 6	MOTIVE CAPITAL CORP II	CL A ORD	
G6293R 11 4	MOTIVE CAPITAL CORP II	*W EXP 99/99/999	
G6293R 12 2	MOTIVE CAPITAL CORP II	UNIT 99/99/9999	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 31

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G6301J 10 4	MOUNTAIN & CO I ACQUISITN CO	CLASS A ORD	
G6301J 11 2	MOUNTAIN & CO I ACQUISITN CO	*W EXP 09/30/202	
G6301J 12 0	MOUNTAIN & CO I ACQUISITN CO	UNIT 11/04/2026	
G63290 10 3	ALPHA PARTNERS TECH MERGR CO	*W EXP 03/31/202	
G63290 11 1	ALPHA PARTNERS TECH MERGR CO	CLASS A ORD SHS	
G63290 12 9	ALPHA PARTNERS TECH MERGR CO	UNIT 03/31/2028	
G6331P 10 4 *	ALPHA & OMEGA SEMICONDUCTOR	SHS	
G6331P 90 4	ALPHA & OMEGA SEMICONDUCTOR	CALL	
G6331P 95 4	ALPHA & OMEGA SEMICONDUCTOR	PUT	
G6332A 10 6	SEMANTIX INC	CL A ORD SHS	
G6332A 11 4	SEMANTIX INC	*W EXP 08/03/202	
G6333L 20 0	ITERUM THERAPEUTICS PLC	SHS NEW	
G6359F 13 7 *	NABORS INDUSTRIES LTD	SHS	
G6359F 90 7	NABORS INDUSTRIES LTD	CALL	
G6359F 95 7	NABORS INDUSTRIES LTD	PUT	
G6360J 10 2	MULTIMETAVERSE HOLDINGS LTD	CLASS A ORD SHS	ADDED
G6360J 13 6	MULTIMETAVERSE HOLDINGS LTD	*W EXP 01/04/202	ADDED
G63637 13 9 *	NABRIVA THERAPEUTICS PLC	SHS NEW 2022	
G63637 90 9	NABRIVA THERAPEUTICS PLC	CALL	
G63637 95 9	NABRIVA THERAPEUTICS PLC	PUT	
G637AM 10 2 *	MYOVANT SCIENCES LTD	COM	DELETED
G637AM 90 2	MYOVANT SCIENCES LTD	CALL	DELETED
G637AM 95 2	MYOVANT SCIENCES LTD	PUT	DELETED
G6375R 10 7 *	NATIONAL ENERGY SERVICES REU	SHS	
G6375R 90 7	NATIONAL ENERGY SERVICES REU	CALL	
G6375R 95 7	NATIONAL ENERGY SERVICES REU	PUT	
G6375R 11 5	NATIONAL ENERGY SERVICES REU	*W EXP 06/06/202	
G63836 10 3	SWIFTMERGE ACQUISITION CORP	CLASS A ORD SHS	
G63836 11 1	SWIFTMERGE ACQUISITION CORP	*W EXP 12/13/202	
G63836 12 9	SWIFTMERGE ACQUISITION CORP	UNIT 12/13/2026	
G6448C 10 3	NEWCOURT ACQUISITION CORP	CLASS A ORD SHS	
G6448C 11 1	NEWCOURT ACQUISITION CORP	UNIT 10/20/2026	
G6448C 12 9	NEWCOURT ACQUISITION CORP	*W EXP 01/22/202	
G6483G 10 0 *	NEWEGG COMMERCE INC	COMMON SHARES	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 32

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G6483G 90 0	NEWEGG COMMERCE INC	CALL	
G6483G 95 0	NEWEGG COMMERCE INC	PUT	
G65163 10 0 *	JOBY AVIATION INC	COMMON STOCK	
G65163 90 0	JOBY AVIATION INC	CALL	
G65163 95 0	JOBY AVIATION INC	PUT	
G65163 11 8	JOBY AVIATION INC	*W EXP 08/10/202	
G6529J 10 0	NEXTERS INC	ORDINARY SHARES	
G6529J 11 8	NEXTERS INC	*W EXP 08/26/202	
G6529L 10 5	NEW VISTA ACQUISITION CORP	CL A SHS	DELETED
G6529L 11 3	NEW VISTA ACQUISITION CORP	UNIT 02/01/2026	DELETED
G6529L 12 1	NEW VISTA ACQUISITION CORP	*W EXP 02/01/202	DELETED
G65431 12 7 *	NOBLE CORP PLC	ORD SHS A	
G65431 90 7	NOBLE CORP PLC	CALL	
G65431 95 7	NOBLE CORP PLC	PUT	
G6546R 10 1	NORTHERN REVIVAL ACQUISITION	CL A SHS	
G6546R 11 9	NORTHERN REVIVAL ACQUISITION	*W EXP 01/31/202	
G6546R 12 7	NORTHERN REVIVAL ACQUISITION	UNIT 01/31/2028	
G6564A 10 5 *	NOMAD FOODS LTD	USD ORD SHS	
G6564A 90 5	NOMAD FOODS LTD	CALL	
G6564A 95 5	NOMAD FOODS LTD	PUT	
G65773 10 6 *	NORDIC AMERICAN TANKERS LIMI	COM	
G65773 90 6	NORDIC AMERICAN TANKERS LIMI	CALL	
G65773 95 6	NORDIC AMERICAN TANKERS LIMI	PUT	
G6580S 10 6	NOCTURNE ACQUISITION CORP	RIGHT 12/26/2025	
G6580S 11 4	NOCTURNE ACQUISITION CORP	ORDINARY SHARES	
G6580S 12 2	NOCTURNE ACQUISITION CORP	UNIT 02/25/2026	
G6593L 10 6	NISUN INTL ENT DVPMT GP CO L	COM CL A	
G66139 10 9	NORTH ATLANTIC ACQUISITN COR	CL A SHS	DELETED
G66139 11 7	NORTH ATLANTIC ACQUISITN COR	UNIT 10/20/2025	DELETED
G66139 12 5	NORTH ATLANTIC ACQUISITN COR	*W EXP 10/20/202	DELETED
G66721 10 4 *	NORWEGIAN CRUISE LINE HLDG L	SHS	
G66721 90 4	NORWEGIAN CRUISE LINE HLDG L	CALL	
G66721 95 4	NORWEGIAN CRUISE LINE HLDG L	PUT	
G6674U 10 8 *	NOVOCURE LTD	ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 33

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G6674U 90 8	NOVOCURE LTD	CALL	
G6674U 95 8	NOVOCURE LTD	PUT	
G6683N 10 3 *	NU HLDGS LTD	ORD SHS CL A	
G6683N 90 3	NU HLDGS LTD	CALL	
G6683N 95 3	NU HLDGS LTD	PUT	
G6693P 10 6	NWTN INC	CLASS B ORD SHS	
G6693P 11 4	NWTN INC	*W EXP 12/31/202	
G6700G 10 7 *	NVENT ELECTRIC PLC	SHS	
G6700G 90 7	NVENT ELECTRIC PLC	CALL	
G6700G 95 7	NVENT ELECTRIC PLC	PUT	
G6755Q 10 9	ONYX ACQUISITION CO I	SHS CL A	
G6755Q 11 7	ONYX ACQUISITION CO I	*W EXP 11/30/202	
G6755Q 12 5	ONYX ACQUISITION CO I	UNIT 11/30/2028	
G6759A 10 0	NOVA VISION ACQUISITION CORP	COM	
G6759A 11 8	NOVA VISION ACQUISITION CORP	*W EXP 12/31/202	
G6759A 12 6	NOVA VISION ACQUISITION CORP	UNIT 07/20/2026	
G6759A 13 4	NOVA VISION ACQUISITION CORP	RIGHT 12/23/2023	
G6780C 10 9	ORION BIOTECH OPPORTUNTES CO	CLASS A ORD SHS	
G6780C 11 7	ORION BIOTECH OPPORTUNTES CO	*W EXP 04/15/202	
G6780C 12 5	ORION BIOTECH OPPORTUNTES CO	UNIT 04/15/2025	
G67828 20 5	ORIGIN AGRITECH LIMITED	SHS NEW	
G67927 10 6	OSTIN TECHNOLOGY GROUP CO LT	ORDINARY SHARES	
G6796W 10 7 *	ORIENTAL CULTURE HOLDING LTD	ORD SHS	
G6796W 90 7	ORIENTAL CULTURE HOLDING LTD	CALL	
G6796W 95 7	ORIENTAL CULTURE HOLDING LTD	PUT	
G6855L 10 9	OXBRIDGE ACQUISITION CORP	COM CL A	
G6855L 11 7	OXBRIDGE ACQUISITION CORP	*W EXP 08/04/202	
G6855L 12 5	OXBRIDGE ACQUISITION CORP	UNIT 07/30/2026	
G6856M 10 6	OXBRIDGE RE HLDGS LTD	SHS	
G6856M 11 4	OXBRIDGE RE HLDGS LTD	*W EXP 03/26/202	
G6859L 10 5	OXUS ACQUISITION CORP	SHS CL A	
G6859L 11 3	OXUS ACQUISITION CORP	UNIT 99/99/9999	
G6859L 12 1	OXUS ACQUISITION CORP	*W EXP 99/99/999	
G68707 10 1 *	PAGSEGURO DIGITAL LTD	COM CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 34

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G68707 90 1	PAGSEGURO DIGITAL LTD	CALL	
G68707 95 1	PAGSEGURO DIGITAL LTD	PUT	
G6882C 10 6	PANACEA ACQUISITION CORP II	CL A SHS	
G6891L 10 5 *	PANGAEA LOGISTICS SOLUTION L	SHS	
G6891L 90 5	PANGAEA LOGISTICS SOLUTION L	CALL	
G6891L 95 5	PANGAEA LOGISTICS SOLUTION L	PUT	
G69451 10 5 *	PATRIA INVESTMENTS LIMITED	COM CL A	
G69451 90 5	PATRIA INVESTMENTS LIMITED	CALL	
G69451 95 5	PATRIA INVESTMENTS LIMITED	PUT	
G69454 10 9	PATRIA LATIN AMRCN OPPRNTY A	CLASS A ORD SHS	
G69454 11 7	PATRIA LATIN AMRCN OPPRNTY A	*W EXP 02/23/202	
G69454 12 5	PATRIA LATIN AMRCN OPPRNTY A	UNIT 04/22/2026	
G6964L 11 5	PAYSAFE LIMITED	*W EXP 03/30/202	
G6964L 20 6 *	PAYSAFE LIMITED	SHS	
G6964L 90 6	PAYSAFE LIMITED	CALL	
G6964L 95 6	PAYSAFE LIMITED	PUT	
G69768 10 2	PEGASUS DIGITAL MOBILITY ACQ	CL A ORD SHS	
G69768 11 0	PEGASUS DIGITAL MOBILITY ACQ	*W EXP 99/99/999	
G69768 12 8	PEGASUS DIGITAL MOBILITY ACQ	UNIT 99/99/9999	
G7S00T 10 4 *	PENTAIR PLC	SHS	
G7S00T 90 4	PENTAIR PLC	CALL	
G7S00T 95 4	PENTAIR PLC	PUT	
G7S24C 10 3	PIONEER MERGER CORP	CL A SHS	DELETED
G7S24C 11 1	PIONEER MERGER CORP	*W EXP 01/07/202	DELETED
G7S24C 12 9	PIONEER MERGER CORP	UNIT 99/99/9999	DELETED
G7S53R 10 4 *	PROKIDNEY CORP	CLASS A ORD SHS	
G7S53R 90 4	PROKIDNEY CORP	CALL	
G7S53R 95 4	PROKIDNEY CORP	PUT	
G7T16G 10 3 *	SAPIENS INTL CORP N V	SHS	
G7T16G 90 3	SAPIENS INTL CORP N V	CALL	
G7T16G 95 3	SAPIENS INTL CORP N V	PUT	
G7T96K 10 7	SCULLY ROYALTY LTD	COM SHS	
G7T983 10 3	SCULPTOR ACQUISITION CORP I	CL A COM	
G7T983 11 1	SCULPTOR ACQUISITION CORP I	*W EXP 99/99/999	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 35

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G7T983 12 9	SCULPTOR ACQUISITION CORP I	UNIT 99/99/9999	
G70021 10 3	PEPPERLIME HEALTH ACQUSTN CO	CLASS A ORD SHS	
G70021 11 1	PEPPERLIME HEALTH ACQUSTN CO	*W EXP 10/01/202	
G70021 12 9	PEPPERLIME HEALTH ACQUSTN CO	UNIT 99/99/9999	
G7006A 10 9	PERFECT CORP	CL A ORD SHS	
G7006A 11 7	PERFECT CORP	*W EXP 99/99/999	
G7007D 10 2	PERCEPTION CAPITAL CORP II	CLASS A ORD	
G7007D 11 0	PERCEPTION CAPITAL CORP II	*W EXP 10/25/202	
G7007D 12 8	PERCEPTION CAPITAL CORP II	UNIT 10/25/2026	
G7008B 10 5	PERIDOT ACQUISITION CORP II	SHS CL A	DELETED
G7008B 11 3	PERIDOT ACQUISITION CORP II	UNIT 99/99/9999	DELETED
G7008B 12 1	PERIDOT ACQUISITION CORP II	*W EXP 04/30/202	DELETED
G7114V 10 2	PINGTAN MARINE ENTERPRISE LT	SHS	DELETED
G7134L 10 0	PLUM ACQUISITION CORP I	UNIT 03/15/2026	
G7134L 11 8	PLUM ACQUISITION CORP I	*W EXP 03/15/202	
G7134L 12 6	PLUM ACQUISITION CORP I	CLASS A ORD SHS	
G7158C 10 1	THRIVE ACQUISITION CORPORATI	CLASS A ORD	DELETED
G7158C 11 9	THRIVE ACQUISITION CORPORATI	*W EXP 10/31/202	DELETED
G7158C 12 7	THRIVE ACQUISITION CORPORATI	UNIT 10/31/2028	DELETED
G71700 10 1	POP CULTURE GROUP CO LTD	CLASS A ORD SHS	
G71704 12 9	PONO CAP THREE INC	UNIT 01/11/2028	ADDED
G71707 10 6	PONTEM CORPORATION	SHS CL A	
G71707 11 4	PONTEM CORPORATION	UNIT 99/99/9999	
G71707 12 2	PONTEM CORPORATION	*W EXP 01/05/202	
G7185A 12 8 *	PORTAGE BIOTECH INC	COM	
G7185A 90 8	PORTAGE BIOTECH INC	CALL	
G7185A 95 8	PORTAGE BIOTECH INC	PUT	
G7185D 10 6	PORTAGE FINTECH ACQUISITN CO	CLASS A ORD SHS	
G7185D 11 4	PORTAGE FINTECH ACQUISITN CO	*W EXP 07/08/202	
G7185D 12 2	PORTAGE FINTECH ACQUISITN CO	UNIT 07/08/2026	
G72007 10 0	POWERBRIDGE TECHNOLOGIES CO L	ORD SHS	
G7207P 10 3	POWERUP ACQUISITION CORP	CLASS A ORD SHS	
G7207P 11 1	POWERUP ACQUISITION CORP	UNIT 02/18/2032	
G7207P 12 9	POWERUP ACQUISITION CORP	*W EXP 05/23/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 36

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G7209M 10 8	POWERED BRANDS	CL A	DELETED
G7209M 11 6	POWERED BRANDS	*W EXP 01/07/202	DELETED
G7209M 12 4	POWERED BRANDS	UNIT 99/99/9999	DELETED
G72245 10 6	PRENETICS GLOBAL LTD	CLASS A ORD	
G72245 11 4	PRENETICS GLOBAL LTD	*W EXP 05/18/202	
G72556 10 6	PROJECT ENERGY REIMAGINED AC	CLASS A ORD	
G72556 11 4	PROJECT ENERGY REIMAGINED AC	*W EXP 10/28/202	
G72556 12 2	PROJECT ENERGY REIMAGINED AC	UNIT 10/28/2026	
G7258M 10 8 *	PROPERTYGURU GROUP LTD	ORD SHS	
G7258M 90 8	PROPERTYGURU GROUP LTD	CALL	
G7258M 95 8	PROPERTYGURU GROUP LTD	PUT	
G7273A 10 5 *	PROSPECTOR CAPITAL CORP	CL A	
G7273A 90 5	PROSPECTOR CAPITAL CORP	CALL	
G7273A 95 5	PROSPECTOR CAPITAL CORP	PUT	
G7273A 11 3	PROSPECTOR CAPITAL CORP	*W EXP 01/11/202	
G7273A 12 1	PROSPECTOR CAPITAL CORP	UNIT 01/01/2030	
G72800 10 8 *	PROTHENA CORP PLC	SHS	
G72800 90 8	PROTHENA CORP PLC	CALL	
G72800 95 8	PROTHENA CORP PLC	PUT	
G7306H 11 9	PUHUI WEALTH INVT MGMT CO LT	SHS NEW	DELETED
G7307E 10 7	QILIAN INTL HLDG GROUP LTD	COM	
G7308P 10 1	PYROPHYTE ACQUISITION CORP	CL A ORD SHS	
G7308P 11 9	PYROPHYTE ACQUISITION CORP	UNIT 99/99/9999	
G7308P 12 7	PYROPHYTE ACQUISITION CORP	*W EXP 05/03/202	
G73268 14 9 *	QUOTIENT LTD	SHS NEW	DELETED
G73268 90 9	QUOTIENT LTD	CALL	DELETED
G73268 95 9	QUOTIENT LTD	PUT	DELETED
G7330C 10 2	RCF ACQUISITION CORP	CL A COM	
G7330C 11 0	RCF ACQUISITION CORP	*W EXP 99/99/999	
G7330C 12 8	RCF ACQUISITION CORP	UNIT 99/99/9999	
G7415M 12 4 *	RECON TECHNOLOGY LTD	CL A SHS	
G7415M 90 4	RECON TECHNOLOGY LTD	CALL	
G7415M 95 4	RECON TECHNOLOGY LTD	PUT	
G7487R 10 0	REGENCELL BIOSCIENCE HLDGS L	ORDINARY SHARES	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 37

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G7496G 10 3 *	RENAISSANCERE HLDGS LTD	COM	
G7496G 90 3	RENAISSANCERE HLDGS LTD	CALL	
G7496G 95 3	RENAISSANCERE HLDGS LTD	PUT	
G7500M 10 4 *	RENEW ENERGY GLOBAL PLC	CL A SHS	
G7500M 90 4	RENEW ENERGY GLOBAL PLC	CALL	
G7500M 95 4	RENEW ENERGY GLOBAL PLC	PUT	
G7500M 12 0	RENEW ENERGY GLOBAL PLC	*W EXP 08/21/202	
G75271 10 9	RETO ECO SOLUTIONS INC	COM	
G75529 10 0	RICE ACQUISITION CORP II	SHS CL A	
G75529 11 8	RICE ACQUISITION CORP II	UNIT 99/99/9999	
G75529 12 6	RICE ACQUISITION CORP II	*W EXP 99/99/999	
G7573M 10 6	RIGEL RESOURCE ACQ CORP	CL A ORD SHS	
G7573M 11 4	RIGEL RESOURCE ACQ CORP	*W EXP 99/99/999	
G7573M 12 2	RIGEL RESOURCE ACQ CORP	UNIT 99/99/9999	
G76088 10 6	RMG ACQUISITION CORP III	CL A SHS	
G76088 11 4	RMG ACQUISITION CORP III	UNIT 02/08/2026	
G76088 12 2	RMG ACQUISITION CORP III	*W EXP 02/08/202	
G7613T 10 3	ROCKET INTERNET GRWT OPRT CO	SHS CL A	DELETED
G7613T 11 1	ROCKET INTERNET GRWT OPRT CO	UNIT 99/99/9999	DELETED
G7614L 10 9 *	ROCKLEY PHOTONICS HLDGS LTD	ORDINARY SHARES	DELETED
G7614L 90 9	ROCKLEY PHOTONICS HLDGS LTD	CALL	DELETED
G7614L 95 9	ROCKLEY PHOTONICS HLDGS LTD	PUT	DELETED
G7614L 11 7	ROCKLEY PHOTONICS HLDGS LTD	*W EXP 08/11/202	DELETED
G76279 10 1 *	ROIVANT SCIENCES LTD	SHS	
G76279 90 1	ROIVANT SCIENCES LTD	CALL	
G76279 95 1	ROIVANT SCIENCES LTD	PUT	
G76279 11 9	ROIVANT SCIENCES LTD	*W EXP 09/30/202	
G7637J 10 7	ROSE HILL ACQUISITION CORP	CLASS A ORD	
G7637J 11 5	ROSE HILL ACQUISITION CORP	UNIT 10/07/2026	
G7637J 12 3	ROSE HILL ACQUISITION CORP	*W EXP 10/07/202	
G7641C 10 6	ROSS ACQUISITION CORP II	SHS CL A	
G7641C 11 4	ROSS ACQUISITION CORP II	*W EXP 02/01/202	
G7641C 12 2	ROSS ACQUISITION CORP II	UNIT 99/99/9999	
G7709Q 10 4 *	ROYALTY PHARMA PLC	SHS CLASS A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 38

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G7709Q 90 4	ROYALTY PHARMA PLC	CALL	
G7709Q 95 4	ROYALTY PHARMA PLC	PUT	
G7738W 10 6 *	SFL CORPORATION LTD	SHS	
G7738W 90 6	SFL CORPORATION LTD	CALL	
G7738W 95 6	SFL CORPORATION LTD	PUT	
G7823S 10 1 *	SATELLOGIC INC	CLASS A ORD SHS	
G7823S 90 1	SATELLOGIC INC	CALL	
G7823S 95 1	SATELLOGIC INC	PUT	
G7823S 11 9	SATELLOGIC INC	*W EXP 01/25/202	
G7852T 10 3	SAI TECH GLOBAL CORP	CLASS A ORD SHS	
G7852T 11 1	SAI TECH GLOBAL CORP	*W EXP 04/29/202	
G7864D 11 2	SCIENJOY HOLDING CORP	CLASS A ORD	
G79407 10 5	SCREAMING EAGLE ACQUISITN CO	CLASS A ORD SHS	
G79407 11 3	SCREAMING EAGLE ACQUISITN CO	UNIT 01/05/2027	
G79407 12 1	SCREAMING EAGLE ACQUISITN CO	*W EXP 01/05/202	
G79471 10 1	SDCL EDGE ACQUISITION CORP	CL A ORD SHS	
G79471 11 9	SDCL EDGE ACQUISITION CORP	UNIT 99/99/9999	
G79471 12 7	SDCL EDGE ACQUISITION CORP	*W EXP 99/99/999	
G7997R 10 3 *	SEAGATE TECHNOLOGY HLDNGS PL	ORD SHS	
G7997R 90 3	SEAGATE TECHNOLOGY HLDNGS PL	CALL	
G7997R 95 3	SEAGATE TECHNOLOGY HLDNGS PL	PUT	
G7997W 10 2 *	SEADRILL 2021 LTD	COM	
G7997W 90 2	SEADRILL 2021 LTD	CALL	
G7997W 95 2	SEADRILL 2021 LTD	PUT	
G8T10C 10 6	TIO TECH A	CLASS A ORD SHS	
G8T10C 11 4	TIO TECH A	*W EXP 04/12/202	
G8T10C 12 2	TIO TECH A	UNIT 04/12/2028	
G8T90F 10 2	SUPERNOVA PARTN ACQ CO III L	SHS CL A	DELETED
G8T90F 11 0	SUPERNOVA PARTN ACQ CO III L	UNIT 99/99/9999	DELETED
G8T90F 12 8	SUPERNOVA PARTN ACQ CO III L	*W EXP 99/99/999	DELETED
G8028L 10 7	SEMPER PARATUS ACQUISITION C	CLASS A ORD	
G8028L 12 3	SEMPER PARATUS ACQUISITION C	UNIT 11/04/2026	
G8028L 13 1	SEMPER PARATUS ACQUISITION C	*W EXP 11/04/202	
G8059B 10 1	SELINA HOSPITALITY PLC	ORDINARY SHARES	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 39

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G8059B 11 9	SELINA HOSPITALITY PLC	*W EXP 10/27/202	
G8060N 10 2 *	SENSATA TECHNOLOGIES HLDG PL	SHS	
G8060N 90 2	SENSATA TECHNOLOGIES HLDG PL	CALL	
G8060N 95 2	SENSATA TECHNOLOGIES HLDG PL	PUT	
G8062B 11 4	SENTAGE HOLDINGS INC	SHS NEW	
G80694 10 5	7 ACQUISITION CORPORATION	SHS CL A	
G80694 11 3	7 ACQUISITION CORPORATION	*W EXP 11/05/202	
G80694 12 1	7 ACQUISITION CORPORATION	UNIT 11/05/2026	
G8117B 10 1	SHENGFENG DEV LTD	CL A ORD SHS	ADDED
G81173 10 9	SHUAA PARTNERS ACQUISTN CORP	CLASS A ORD SHS	
G81173 11 7	SHUAA PARTNERS ACQUISTN CORP	*W EXP 02/24/202	
G81173 12 5	SHUAA PARTNERS ACQUISTN CORP	UNIT 02/24/2027	
G81276 10 0 *	SIGNET JEWELERS LIMITED	SHS	
G81276 90 0	SIGNET JEWELERS LIMITED	CALL	
G81276 95 0	SIGNET JEWELERS LIMITED	PUT	
G8136V 10 4	SILVERSPAC INC	CLASS A ORD	
G8136V 11 2	SILVERSPAC INC	*W EXP 09/09/202	
G8136V 12 0	SILVERSPAC INC	UNIT 09/09/2026	
G8192H 10 6 *	SIRIUSPOINT LTD	COM	
G8192H 90 6	SIRIUSPOINT LTD	CALL	
G8192H 95 6	SIRIUSPOINT LTD	PUT	
G8192N 10 3	SK GROWTH OPPORTUNITIES CORP	CLASS A COM	
G8192N 11 1	SK GROWTH OPPORTUNITIES CORP	*W EXP 06/28/202	
G8192N 12 9	SK GROWTH OPPORTUNITIES CORP	UNIT 06/28/2029	
G8201H 10 5	SILVER SPIKE ACQUISITN CORP	CLASS A ORD SHS	DELETED
G8201H 11 3	SILVER SPIKE ACQUISITN CORP	*W EXP 02/26/202	DELETED
G8201H 12 1	SILVER SPIKE ACQUISITN CORP	UNIT 02/26/2026	DELETED
G8210L 10 5	SLAM CORP	CL A SHS	
G8210L 11 3	SLAM CORP	UNIT 99/99/9999	
G8210L 12 1	SLAM CORP	*W EXP 02/23/202	
G8211A 10 8	SKILLFUL CRAFTSMAN ED TECH L	ORD SHS	
G82220 10 7	SKYDECK ACQUISITION CORP	UNIT 05/13/2026	
G82220 11 5	SKYDECK ACQUISITION CORP	*W EXP 05/13/202	
G82220 12 3	SKYDECK ACQUISITION CORP	CLASS A ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 40

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G8232Y 10 1 *	SMART GLOBAL HLDGS INC	SHS	
G8232Y 90 1	SMART GLOBAL HLDGS INC	CALL	
G8232Y 95 1	SMART GLOBAL HLDGS INC	PUT	
G8253U 10 3	SOCIAL CAP SUVRETTA HLDS CRP	CLASS A ORD SHS	
G8253Y 10 5	SOCIAL CAP SUVRETTA HLDS CP	CLASS A ORD SHS	
G8267K 10 9	SMX SEC MATTERS PLC	CLASS A ORD	ADDED
G8267K 11 7	SMX SEC MATTERS PLC	*W EXP 03/07/202	ADDED
G8274F 10 1	SOUND POINT ACQUISITION CORP	CLASS A ORD SHS	
G8274F 11 9	SOUND POINT ACQUISITION CORP	*W EXP 02/25/202	
G8274F 12 7	SOUND POINT ACQUISITION CORP	UNIT 02/25/2027	
G83745 10 2	SPREE ACQUISITION CORP 1 LTD	CL A ORD SHS	
G83745 11 0	SPREE ACQUISITION CORP 1 LTD	UNIT 99/99/9999	
G83745 12 8	SPREE ACQUISITION CORP 1 LTD	*W EXP 12/22/202	
G83752 10 8	SPRING VALLEY ACQUISTN CORP	CLASS A ORD	
G83752 11 6	SPRING VALLEY ACQUISTN CORP	*W EXP 02/25/202	
G83752 12 4	SPRING VALLEY ACQUISTN CORP	UNIT 10/12/2027	
G83752 13 2	SPRING VALLEY ACQUISTN CORP	RIGHT 02/25/2026	
G8437S 11 5	STARBOX GROUP HLDGS LTD.	ORDINARY SHARES	
G8465L 10 7	ST ENERGY TRANSITION I LTD	CL A ORD SHS	
G8465L 11 5	ST ENERGY TRANSITION I LTD	*W EXP 12/02/202	
G8465L 12 3	ST ENERGY TRANSITION I LTD	UNIT 99/99/9999	
G8473T 10 0 *	STERIS PLC	SHS USD	
G8473T 90 0	STERIS PLC	CALL	
G8473T 95 0	STERIS PLC	PUT	
G85094 10 3	STONEBRIDGE ACQUISITION CORP	CLASS A ORD SHS	
G85094 11 1	STONEBRIDGE ACQUISITION CORP	UNIT 04/11/2026	
G85094 12 9	STONEBRIDGE ACQUISITION CORP	*W EXP 03/31/202	
G85158 10 6 *	STONECO LTD	COM CL A	
G85158 90 6	STONECO LTD	CALL	
G85158 95 6	STONECO LTD	PUT	
G8566R 10 2	SUMMIT HEALTHCRE ACQUISTN CO	CLASS A ORD SHS	DELETED
G8566R 11 0	SUMMIT HEALTHCRE ACQUISTN CO	*W EXP 06/03/202	DELETED
G8566R 12 8	SUMMIT HEALTHCRE ACQUISTN CO	UNIT 06/03/2026	DELETED
G8588X 10 3 *	SUPER GROUP SGHC LIMITED	ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 41

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G8588X 90 3	SUPER GROUP SGHC LIMITED	CALL	
G8588X 95 3	SUPER GROUP SGHC LIMITED	PUT	
G8601L 10 2 *	SVF INVESTMENT CORP	CL A SHS	DELETED
G8601L 90 2	SVF INVESTMENT CORP	CALL	DELETED
G8601L 95 2	SVF INVESTMENT CORP	PUT	DELETED
G8601L 11 0 *	SVF INVESTMENT CORP	UNIT 12/20/2025	DELETED
G8601L 90 0	SVF INVESTMENT CORP	CALL	DELETED
G8601L 95 0	SVF INVESTMENT CORP	PUT	DELETED
G8601L 12 8	SVF INVESTMENT CORP	*W EXP 01/12/202	DELETED
G8601M 10 0	SVF INVESTMENT CORP 2	CL A SHS	DELETED
G86302 10 9 *	SWVL HOLDINGS CORP	CLASS A COM	DELETED
G86302 90 9	SWVL HOLDINGS CORP	CALL	DELETED
G86302 95 9	SWVL HOLDINGS CORP	PUT	DELETED
G86302 11 7	SWVL HOLDINGS CORP	*W EXP 03/31/202	
G86302 12 5 *	SWVL HOLDINGS CORP	CLASS A ORD NEW	ADDED
G86302 90 5	SWVL HOLDINGS CORP	CALL	ADDED
G86302 95 5	SWVL HOLDINGS CORP	PUT	ADDED
G8651P 11 0 *	SPI ENERGY CO LTD	SHS NEW	
G8651P 90 0	SPI ENERGY CO LTD	CALL	
G8651P 95 0	SPI ENERGY CO LTD	PUT	
G8656L 10 6 *	TH INTERNATIONAL LIMITED	ORDINARY SHARES	
G8656L 90 6	TH INTERNATIONAL LIMITED	CALL	
G8656L 95 6	TH INTERNATIONAL LIMITED	PUT	
G8656L 11 4	TH INTERNATIONAL LIMITED	*W EXP 09/28/202	
G8656T 10 9	TLGY ACQUISITION CORPORATION	CLASS A ORD SHS	
G8656T 11 7	TLGY ACQUISITION CORPORATION	UNIT 99/99/9999	
G8656T 12 5	TLGY ACQUISITION CORPORATION	*W EXP 11/09/202	
G8657L 10 5	TB SA ACQUISITION CORP	CLASS A ORD SHS	DELETED
G8657L 11 3	TB SA ACQUISITION CORP	UNIT 03/25/2028	DELETED
G8657L 12 1	TB SA ACQUISITION CORP	*W EXP 03/25/202	DELETED
G8662F 10 1	TAILWIND INTERNATNAL ACQ COR	COM CL A	
G8662F 12 7	TAILWIND INTERNATNAL ACQ COR	UNIT 99/99/9999	
G86656 10 8	TALON 1 ACQUISITION CORP	CLASS A ORD	
G86656 11 6	TALON 1 ACQUISITION CORP	*W EXP 07/30/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 42

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G86656 12 4	TALON 1 ACQUISITION CORP	UNIT 11/02/2026	
G8675N 10 9	TARGET GLOBAL ACQUIS I CORP	CLASS A ORD SHS	
G8675N 11 7	TARGET GLOBAL ACQUIS I CORP	UNIT 99/99/9999	
G8675N 12 5	TARGET GLOBAL ACQUIS I CORP	*W EXP 12/08/202	
G8675V 11 9 *	TAOPING INC	SHS NEW	
G8675V 90 9	TAOPING INC	CALL	
G8675V 95 9	TAOPING INC	PUT	
G8675X 14 9	TANTECH HLDGS LTD	SHS NEW	
G8704C 12 4	TCV ACQUISITION CORP	CL A SHS	
G87076 10 8 *	10X CAP VENTURE ACQSTN CORP	COM CL A	
G87076 90 8	10X CAP VENTURE ACQSTN CORP	CALL	
G87076 95 8	10X CAP VENTURE ACQSTN CORP	PUT	
G87076 11 6	10X CAP VENTURE ACQSTN CORP	*W EXP 04/19/202	
G87076 12 4	10X CAP VENTURE ACQSTN CORP	UNIT 04/19/2028	
G87077 10 6	10X CAPITAL VENTURE ACQ III	CL A ORD SHS	
G87077 11 4	10X CAPITAL VENTURE ACQ III	*W EXP 06/30/202	
G87077 12 2	10X CAPITAL VENTURE ACQ III	UNIT 99/99/9999	
G8708L 10 4	TENX KEANE ACQUISITION	ORD SHS	
G8708L 11 2	TENX KEANE ACQUISITION	RIGHT 06/30/2028	
G8708L 13 8	TENX KEANE ACQUISITION	UNIT 06/30/2028	
G87084 11 0	TDH HLDGS INC	SHS NEW	
G87110 10 5 *	TECHNIPFMC PLC	COM	
G87110 90 5	TECHNIPFMC PLC	CALL	
G87110 95 5	TECHNIPFMC PLC	PUT	
G87119 10 6	TECHNOLOGY & TELECOM ACQ COR	CLASS A ORD SHS	
G87119 11 4	TECHNOLOGY & TELECOM ACQ COR	*W EXP 04/15/202	
G87119 12 2	TECHNOLOGY & TELECOM ACQ COR	UNIT 01/13/2027	
G87264 10 0 *	TECNOGLASS INC	ORD SHS	
G87264 90 0	TECNOGLASS INC	CALL	
G87264 95 0	TECNOGLASS INC	PUT	
G8766E 10 9 *	TEXTAINER GROUP HOLDINGS LTD	SHS	
G8766E 90 9	TEXTAINER GROUP HOLDINGS LTD	CALL	
G8766E 95 9	TEXTAINER GROUP HOLDINGS LTD	PUT	
G8807B 10 6 *	THERAVANCE BIOPHARMA INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 43

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G8807B 90 6	THERAVANCE BIOPHARMA INC	CALL	
G8807B 95 6	THERAVANCE BIOPHARMA INC	PUT	
G8884K 11 0	TIAN RUIXIANG HLDGS LTD	CL A SHS NEW	
G88912 10 3 *	TIZIANA LIFE SCIENCES LTD	COMMON SHARES	
G88912 90 3	TIZIANA LIFE SCIENCES LTD	CALL	
G88912 95 3	TIZIANA LIFE SCIENCES LTD	PUT	
G88935 10 4	TKB CRITICAL TECHNOLOGIES 1	UNIT 10/20/2026	
G88935 11 2	TKB CRITICAL TECHNOLOGIES 1	CLASS A ORD	
G88935 12 0	TKB CRITICAL TECHNOLOGIES 1	*W EXP 10/20/202	
G89229 10 1	TMT ACQUISITION CORP	UNIT 03/27/2028	ADDED
G89479 10 2 *	TORM PLC	SHS CL A	
G89479 90 2	TORM PLC	CALL	
G89479 95 2	TORM PLC	PUT	
G8956E 10 9	TORTOISEECOFIN ACQUISITION C	SHS CL A	
G8956E 11 7	TORTOISEECOFIN ACQUISITION C	*W EXP 07/22/202	
G8956E 20 8	TORTOISEECOFIN ACQUISITION C	UNIT 99/99/9999	
G89826 10 4	TPG PACE BENEFICIAL II CORP	COMMON STOCK	
G8990L 10 1	TPB ACQUISITION CORP I	COM CL A	DELETED
G8990L 11 9	TPB ACQUISITION CORP I	UNIT 08/09/2026	DELETED
G8990L 12 7	TPB ACQUISITION CORP I	*W EXP 08/09/202	DELETED
G8994E 10 3 *	TRANE TECHNOLOGIES PLC	SHS	
G8994E 90 3	TRANE TECHNOLOGIES PLC	CALL	
G8994E 95 3	TRANE TECHNOLOGIES PLC	PUT	
G9R16L 10 0	VALUENCE MERGER CORP I	CLASS A ORD SHS	
G9R16L 11 8	VALUENCE MERGER CORP I	*W EXP 02/18/202	
G9R16L 12 6	VALUENCE MERGER CORP I	UNIT 02/18/2027	
G9TY5A 10 1	ZURA BIO LTD	CLASS A ORD SHS	ADDED
G9TY5A 11 9	ZURA BIO LTD	*W EXP 03/20/202	ADDED
G9001E 10 2 *	LIBERTY LATIN AMERICA LTD	COM CL A	
G9001E 90 2	LIBERTY LATIN AMERICA LTD	CALL	
G9001E 95 2	LIBERTY LATIN AMERICA LTD	PUT	
G9001E 12 8 *	LIBERTY LATIN AMERICA LTD	COM CL C	
G9001E 90 8	LIBERTY LATIN AMERICA LTD	CALL	
G9001E 95 8	LIBERTY LATIN AMERICA LTD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 44

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G9059F 10 0	TRINE II ACQUISITION CORP	CL A ORD SHS	
G9059F 11 8	TRINE II ACQUISITION CORP	*W EXP 99/99/999	
G9059F 12 6	TRINE II ACQUISITION CORP	UNIT 99/99/9999	
G9059U 10 7 *	TRINSEO PLC	SHS	
G9059U 90 7	TRINSEO PLC	CALL	
G9059U 95 7	TRINSEO PLC	PUT	
G9074V 10 6	TRISTAR ACQUISITION I CORP	CL A ORD SHS	
G9074V 11 4	TRISTAR ACQUISITION I CORP	*W EXP 99/99/999	
G9074V 12 2	TRISTAR ACQUISITION I CORP	UNIT 99/99/9999	
G9078F 10 7 *	TRITON INTL LTD	CL A	
G9078F 90 7	TRITON INTL LTD	CALL	
G9078F 95 7	TRITON INTL LTD	PUT	
G9087Q 10 2 *	TRONOX HOLDINGS PLC	SHS	
G9087Q 90 2	TRONOX HOLDINGS PLC	CALL	
G9087Q 95 2	TRONOX HOLDINGS PLC	PUT	
G9094C 10 4 *	TROOPS INC	SHS	
G9094C 90 4	TROOPS INC	CALL	
G9094C 95 4	TROOPS INC	PUT	
G9108L 17 3 *	TSAKOS ENERGY NAVIGATION LTD	SHS	
G9108L 90 3	TSAKOS ENERGY NAVIGATION LTD	CALL	
G9108L 95 3	TSAKOS ENERGY NAVIGATION LTD	PUT	
G9151L 10 4	TWIN RIDGE CAPITAL ACQUIS CO	SHS CL A	
G9151L 11 2	TWIN RIDGE CAPITAL ACQUIS CO	UNIT 99/99/9999	
G9151L 12 0	TWIN RIDGE CAPITAL ACQUIS CO	*W EXP 03/07/202	
G9152V 10 1	TWO	COM CL A	
G91595 10 1	TZP STRATEGIES ACQUISTN CORP	CL A SHS	DELETED
G91595 11 9	TZP STRATEGIES ACQUISTN CORP	*W EXP 01/06/202	DELETED
G91595 12 7	TZP STRATEGIES ACQUISTN CORP	UNIT 01/06/2026	DELETED
G9310A 12 2	UTSTARCOM HOLDINGS CORP	ORDINARY SHARES	
G9320Z 10 9	VAHANNA TECH EDGE ACQSTN I C	CLASS A ORD	
G9320Z 11 7	VAHANNA TECH EDGE ACQSTN I C	*W EXP 11/30/202	
G9320Z 12 5	VAHANNA TECH EDGE ACQSTN I C	UNIT 11/22/2026	
G9329Z 10 0 *	VENATOR MATLS PLC	SHS	
G9329Z 90 0	VENATOR MATLS PLC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 45

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G9329Z 95 0	VENATOR MATLS PLC	PUT	
G9376R 10 0 *	VIVOPOWER INTERNATIONAL PLC	SHS	
G9376R 90 0	VIVOPOWER INTERNATIONAL PLC	CALL	
G9376R 95 0	VIVOPOWER INTERNATIONAL PLC	PUT	
G9411M 10 8	UTIME LTD	SHS	
G94184 10 1	WAH FU EDUCATION GROUP LIMIT	SHS	
G9440A 10 9	VASTA PLATFORM LTD	CL A	
G9440D 10 3	VITRU LTD	COM	
G9442G 10 4	UNIVERSE PHARMACEUTICALS INC	SHS	
G9449A 11 8	UCOMMUNE INTERNATIONAL LTD	*W EXP 11/01/202	
G9449A 20 9	UCOMMUNE INTERNATIONAL LTD	ORD SHS CL A NEW	
G9451V 10 9 *	VINCI PARTNERS INVTS LTD	COM CL A	
G9451V 90 9	VINCI PARTNERS INVTS LTD	CALL	
G9451V 95 9	VINCI PARTNERS INVTS LTD	PUT	
G9456A 10 0 *	GOLAR LNG LTD	SHS	
G9456A 90 0	GOLAR LNG LTD	CALL	
G9456A 95 0	GOLAR LNG LTD	PUT	
G9460A 10 4	VECTOR ACQUISITION CORP II	CL A SHS	
G9460G 10 1 *	VALARIS LIMITED	CL A	
G9460G 90 1	VALARIS LIMITED	CALL	
G9460G 95 1	VALARIS LIMITED	PUT	
G9460G 11 9	VALARIS LIMITED	*W EXP 04/29/202	
G9460L 10 0	VPC IMPACT ACQUISITION HLDG	UNIT 03/05/2026	DELETED
G9460L 11 8	VPC IMPACT ACQUISITION HLDG	*W EXP 03/05/202	DELETED
G9460L 12 6	VPC IMPACT ACQUISITION HLDG	CLASS A ORD	DELETED
G9460M 10 8	WARBURG PINCUS CAPTAL CORP I	SHS CL A	DELETED
G9460M 11 6	WARBURG PINCUS CAPTAL CORP I	UNIT 99/99/9999	DELETED
G9460N 10 6	VALOR LATITUDE ACQUISITN COR	CLASS A ORD SHS	
G9460N 11 4	VALOR LATITUDE ACQUISITN COR	UNIT 04/02/2026	
G9460N 12 2	VALOR LATITUDE ACQUISITN COR	*W EXP 04/02/202	
G9461B 10 1	GOGREEN INVESTMENTS CORP	ORD SHS CL A	
G9461B 11 9	GOGREEN INVESTMENTS CORP	*W EXP 05/31/202	
G9461B 12 7	GOGREEN INVESTMENTS CORP	UNIT 99/99/9999	
G9461D 10 7	WARBURG PINCUS CAPTAL CORP I	SHS CL A	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 46

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
G9461D 12 3	WARBURG PINCUS CAPITAL CORP I	UNIT 99/99/9999	DELETED
G9470A 10 2 *	VTEX	SHS CL A	
G9470A 90 2	VTEX	CALL	
G9470A 95 2	VTEX	PUT	
G9471C 10 7 *	VERTICAL AEROSPACE LTD	ORD SHS	
G9471C 90 7	VERTICAL AEROSPACE LTD	CALL	
G9471C 95 7	VERTICAL AEROSPACE LTD	PUT	
G9471C 11 5	VERTICAL AEROSPACE LTD	*W EXP 09/15/202	
G9473A 10 9	UTA ACQUISITION CORPORATION	CLASS A ORD SHS	
G9473A 11 7	UTA ACQUISITION CORPORATION	*W EXP 10/30/202	
G9473A 12 5	UTA ACQUISITION CORPORATION	UNIT 12/01/2026	
G9491K 10 5 *	GOGORO INC	ORDINARY SHARES	
G9491K 90 5	GOGORO INC	CALL	
G9491K 95 5	GOGORO INC	PUT	
G9491K 11 3	GOGORO INC	*W EXP 04/04/202	
G9495L 10 9	VIRAX BIOLABS GROUP LTD	ORD SHS	
G9503X 10 3	WALDENCAST PLC	CLASS A ORD SHS	
G9503X 11 1	WALDENCAST PLC	*W EXP 07/27/202	
G9525W 10 9 *	WEJO GROUP LIMITED	COMMON SHARES	
G9525W 90 9	WEJO GROUP LIMITED	CALL	
G9525W 95 9	WEJO GROUP LIMITED	PUT	
G9525W 11 7	WEJO GROUP LIMITED	*W EXP 11/18/202	
G9604C 10 7	MEIWU TECHNOLOGY COMPANY LTD	ORD SHS	
G9618E 10 7	WHITE MTNS INS GROUP LTD	COM	
G96629 10 3 *	WILLIS TOWERS WATSON PLC LTD	SHS	
G96629 90 3	WILLIS TOWERS WATSON PLC LTD	CALL	
G96629 95 3	WILLIS TOWERS WATSON PLC LTD	PUT	
G97775 10 3	WORLDWIDE WEBB ACQUISITION C	CLASS A ORD SHS	
G97775 11 1	WORLDWIDE WEBB ACQUISITION C	*W EXP 10/20/202	
G97775 12 9	WORLDWIDE WEBB ACQUISITION C	UNIT 10/20/2026	
G97822 10 3 *	PERRIGO CO PLC	SHS	
G97822 90 3	PERRIGO CO PLC	CALL	
G97822 95 3	PERRIGO CO PLC	PUT	
G98239 10 9 *	XP INC	CL A	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 47

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G98239 90 9	XP INC	CALL	
G98239 95 9	XP INC	PUT	
G9831X 10 6	XPAC ACQUISITION CORP	CLASS A ORD	
G9831X 11 4	XPAC ACQUISITION CORP	UNIT 07/27/2021	
G9831X 12 2	XPAC ACQUISITION CORP	*W EXP 99/99/999	
G98338 10 9	YATRA ONLINE INC	ORD SHS	
G9834A 10 3	YANGUFANG INTERNATIONAL GROU	ORDINARY SHARES	ADDED
G9845F 10 9	YS BIOPHARMA CO LTD	ORDINARY SHARES	ADDED
G9845F 11 7	YS BIOPHARMA CO LTD	*W EXP 03/15/202	ADDED
G9889V 10 1	ZENVIA INC	CLASS A COM	
G989A6 10 2	TOP FINANCIAL GROUP LTD	ORDINARY SHARES	
G9892K 10 0 *	ZK INTL GROUP CO LTD	SHS	
G9892K 90 0	ZK INTL GROUP CO LTD	CALL	
G9892K 95 0	ZK INTL GROUP CO LTD	PUT	
G9897X 10 7	ZHONGCHAO INC	CL A	
H00263 10 5 *	AC IMMUNE SA	SHS	
H00263 90 5	AC IMMUNE SA	CALL	
H00263 95 5	AC IMMUNE SA	PUT	
H0036K 14 7 *	ADC THERAPEUTICS SA	SHS	
H0036K 90 7	ADC THERAPEUTICS SA	CALL	
H0036K 95 7	ADC THERAPEUTICS SA	PUT	
H01301 12 8 *	ALCON AG	ORD SHS	
H01301 90 8	ALCON AG	CALL	
H01301 95 8	ALCON AG	PUT	
H1467J 10 4 *	CHUBB LIMITED	COM	
H1467J 90 4	CHUBB LIMITED	CALL	
H1467J 95 4	CHUBB LIMITED	PUT	
H17182 10 8 *	CRISPR THERAPEUTICS AG	NAMEN AKT	
H17182 90 8	CRISPR THERAPEUTICS AG	CALL	
H17182 95 8	CRISPR THERAPEUTICS AG	PUT	
H2906T 10 9 *	GARMIN LTD	SHS	
H2906T 90 9	GARMIN LTD	CALL	
H2906T 95 9	GARMIN LTD	PUT	
H33700 10 7 *	GLOBAL BLUE GROUP HOLDING AG	ORD SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 48

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
H33700 90 7	GLOBAL BLUE GROUP HOLDING AG	CALL	
H33700 95 7	GLOBAL BLUE GROUP HOLDING AG	PUT	
H33700 11 5	GLOBAL BLUE GROUP HOLDING AG	*W EXP 08/28/202	
H42097 10 7 *	UBS GROUP AG	SHS	
H42097 90 7	UBS GROUP AG	CALL	
H42097 95 7	UBS GROUP AG	PUT	
H50430 23 2 *	LOGITECH INTL S A	SHS	
H50430 90 2	LOGITECH INTL S A	CALL	
H50430 95 2	LOGITECH INTL S A	PUT	
H57830 10 3	NLS PHARMACEUTICS LTD	SHS	
H57830 11 1	NLS PHARMACEUTICS LTD	*W EXP 02/02/202	
H5861P 10 3 *	OBSEVA SA	COM	DELETED
H5861P 90 3	OBSEVA SA	CALL	DELETED
H5861P 95 3	OBSEVA SA	PUT	DELETED
H5870P 10 2	OCULIS HOLDING AG	ORDINARY SHARES	ADDED
H5870P 11 0	OCULIS HOLDING AG	*W EXP 03/06/202	ADDED
H5919C 10 4 *	ON HLDG AG	NAMEN AKT A	
H5919C 90 4	ON HLDG AG	CALL	
H5919C 95 4	ON HLDG AG	PUT	
H8088L 10 3 *	SPORTRADAR GROUP AG	CLASS A ORD SHS	
H8088L 90 3	SPORTRADAR GROUP AG	CALL	
H8088L 95 3	SPORTRADAR GROUP AG	PUT	
H82027 10 5	SOPHIA GENETICS SA	ORDINARY SHARES	
H84989 10 4 *	TE CONNECTIVITY LTD	SHS	
H84989 90 4	TE CONNECTIVITY LTD	CALL	
H84989 95 4	TE CONNECTIVITY LTD	PUT	
H8817H 10 0 *	TRANSOCEAN LTD	REG SHS	
H8817H 90 0	TRANSOCEAN LTD	CALL	
H8817H 95 0	TRANSOCEAN LTD	PUT	
H9060V 10 1	VECTIVBIO HLDG AG	ORD SHS	
L00849 10 6 *	ADECOAGRO S A	COM	
L00849 90 6	ADECOAGRO S A	CALL	
L00849 95 6	ADECOAGRO S A	PUT	
L0175J 10 4 *	ALTISOURCE PORTFOLIO SOLNS S	REG SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 49

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
L0175J 90 4	ALTISOURCE PORTFOLIO SOLNS S	CALL	
L0175J 95 4	ALTISOURCE PORTFOLIO SOLNS S	PUT	
L01800 10 8	ALVOTECH	ORDINARY SHARES	
L01800 11 6	ALVOTECH	*W EXP 06/15/202	
L02235 10 6 *	ARDAGH METAL PACKAGING S A	SHS	
L02235 90 6	ARDAGH METAL PACKAGING S A	CALL	
L02235 95 6	ARDAGH METAL PACKAGING S A	PUT	
L02235 11 4	ARDAGH METAL PACKAGING S A	*W EXP 08/04/202	
L0423Q 10 8 *	ARRIVAL	SHS	
L0423Q 90 8	ARRIVAL	CALL	
L0423Q 95 8	ARRIVAL	PUT	
L0427L 20 4	ATENTO S A	SHS	
L18268 10 9	CODERE ONLINE LUXEMBOURG S A	ORDINARY SHARES	
L18268 11 7	CODERE ONLINE LUXEMBOURG S A	*W EXP 11/23/202	
L1995B 10 7 *	CORPORACION AMER ARPTS S A	COM	
L1995B 90 7	CORPORACION AMER ARPTS S A	CALL	
L1995B 95 7	CORPORACION AMER ARPTS S A	PUT	
L4135L 10 0 *	FREYR BATTERY	SHS	
L4135L 90 0	FREYR BATTERY	CALL	
L4135L 95 0	FREYR BATTERY	PUT	
L4135L 11 8	FREYR BATTERY	*W EXP 09/01/202	
L44385 10 9 *	GLOBANT S A	COM	
L44385 90 9	GLOBANT S A	CALL	
L44385 95 9	GLOBANT S A	PUT	
L6388F 11 0 *	MILLICOM INTL CELLULAR S A	COM STK	
L6388F 90 0	MILLICOM INTL CELLULAR S A	CALL	
L6388F 95 0	MILLICOM INTL CELLULAR S A	PUT	
L64875 10 4	MOOLEC SCIENCE SA	ORDINARY SHARES	ADDED
L64875 11 2	MOOLEC SCIENCE SA	*W EXP 12/30/202	ADDED
L6673X 10 7 *	NEOGAMES S A	SHS	
L6673X 90 7	NEOGAMES S A	CALL	
L6673X 95 7	NEOGAMES S A	PUT	
L67359 10 6 *	NEXA RES S A	COM	
L67359 90 6	NEXA RES S A	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 50

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
L67359 95 6	NEXA RES S A	PUT	
L72967 10 9 *	ORION ENGINEERED CARBONS S A	COM	
L72967 90 9	ORION ENGINEERED CARBONS S A	CALL	
L72967 95 9	ORION ENGINEERED CARBONS S A	PUT	
L7579L 10 6 *	PERIMETER SOLUTIONS SA	COMMON STOCK	
L7579L 90 6	PERIMETER SOLUTIONS SA	CALL	
L7579L 95 6	PERIMETER SOLUTIONS SA	PUT	
L7756P 10 2	PROCAPS GROUP SA	SHS	
L7756P 11 0	PROCAPS GROUP SA	*W EXP 09/29/202	
L8681T 10 2 *	SPOTIFY TECHNOLOGY S A	SHS	
L8681T 90 2	SPOTIFY TECHNOLOGY S A	CALL	
L8681T 95 2	SPOTIFY TECHNOLOGY S A	PUT	
M0740A 10 8	ALPHA TAU MEDICAL LTD	ORDINARY SHARES	
M0740A 11 6	ALPHA TAU MEDICAL LTD	*W EXP 03/07/202	
M0854Q 10 5 *	ALLOT LTD	SHS	
M0854Q 90 5	ALLOT LTD	CALL	
M0854Q 95 5	ALLOT LTD	PUT	
M1R79L 10 4	BEAMR IMAGING LTD	ORDINARY SHS	ADDED
M1R95N 10 0 *	ARBE ROBOTICS LTD	ORDINARY SHARES	
M1R95N 90 0	ARBE ROBOTICS LTD	CALL	
M1R95N 95 0	ARBE ROBOTICS LTD	PUT	
M1R95N 11 8	ARBE ROBOTICS LTD	*W EXP 10/07/202	
M15342 10 4 *	AUDIOCODES LTD	ORD	
M15342 90 4	AUDIOCODES LTD	CALL	
M15342 95 4	AUDIOCODES LTD	PUT	
M2R43K 11 5	BRENMILLER ENERGY LTD	ORDINARY SHARES	
M2R51X 11 6 *	COLLPLANT BIOTECHNOLOGIES LT	SHS NEW	
M2R51X 90 6	COLLPLANT BIOTECHNOLOGIES LT	CALL	
M2R51X 95 6	COLLPLANT BIOTECHNOLOGIES LT	PUT	
M20115 18 0	BOS BETTER ONLINE SOLUTIONS	SHS NEW NIS 80	
M20598 10 4 *	CAESARSTONE LTD	ORD SHS	
M20598 90 4	CAESARSTONE LTD	CALL	
M20598 95 4	CAESARSTONE LTD	PUT	
M20791 10 5 *	CAMTEK LTD	ORD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 51

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
M20791 90 5	CAMTEK LTD	CALL	
M20791 95 5	CAMTEK LTD	PUT	
M2197Q 10 7 *	CELLEBRITE DI LTD	ORDINARY SHARES	
M2197Q 90 7	CELLEBRITE DI LTD	CALL	
M2197Q 95 7	CELLEBRITE DI LTD	PUT	
M2197Q 11 5	CELLEBRITE DI LTD	*W EXP 08/30/202	
M22013 10 2 *	CERAGON NETWORKS LTD	ORD	
M22013 90 2	CERAGON NETWORKS LTD	CALL	
M22013 95 2	CERAGON NETWORKS LTD	PUT	
M22465 10 4 *	CHECK POINT SOFTWARE TECH LT	ORD	
M22465 90 4	CHECK POINT SOFTWARE TECH LT	CALL	
M22465 95 4	CHECK POINT SOFTWARE TECH LT	PUT	
M2361E 16 1	CHECK CAP LTD	*W EXP 05/03/202	
M2361E 17 9	CHECK CAP LTD	SHS	
M25133 10 5 *	COGNYTE SOFTWARE LTD	ORD SHS	
M25133 90 5	COGNYTE SOFTWARE LTD	CALL	
M25133 95 5	COGNYTE SOFTWARE LTD	PUT	
M25722 10 5 *	COMPUGEN LTD	ORD	
M25722 90 5	COMPUGEN LTD	CALL	
M25722 95 5	COMPUGEN LTD	PUT	
M2682V 10 8 *	CYBERARK SOFTWARE LTD	SHS	
M2682V 90 8	CYBERARK SOFTWARE LTD	CALL	
M2682V 95 8	CYBERARK SOFTWARE LTD	PUT	
M26895 13 2	CYREN LTD	SHS NEW	DELETED
M3760D 10 1 *	ELBIT SYS LTD	ORD	
M3760D 90 1	ELBIT SYS LTD	CALL	
M3760D 95 1	ELBIT SYS LTD	PUT	
M39927 12 0	ELLOMAY CAPITAL LIMITED	SHS	
M4R82T 10 6 *	FIVERR INTL LTD	ORD SHS	
M4R82T 90 6	FIVERR INTL LTD	CALL	
M4R82T 95 6	FIVERR INTL LTD	PUT	
M40184 20 8	ELTEK LTD	SHS	
M40527 10 9 *	ENTERA BIO LTD	SHS	
M40527 90 9	ENTERA BIO LTD	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 52

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M40527 95 9	ENTERA BIO LTD	PUT	
M40527 11 7	ENTERA BIO LTD	*W EXP 07/02/202	
M4056D 11 0	ENLIGHT RENEWABLE ENERGY LTD	SHS	ADDED
M4119S 10 4 *	EVOGENE LTD	SHS	
M4119S 90 4	EVOGENE LTD	CALL	
M4119S 95 4	EVOGENE LTD	PUT	
M4130Y 10 6 *	ENLIVEX THERAPEUTICS LTD	COM	
M4130Y 90 6	ENLIVEX THERAPEUTICS LTD	CALL	
M4130Y 95 6	ENLIVEX THERAPEUTICS LTD	PUT	
M46528 10 1 *	FRONTLINE PLC	COM	ADDED
M46528 90 1	FRONTLINE PLC	CALL	ADDED
M46528 95 1	FRONTLINE PLC	PUT	ADDED
M47238 10 6 *	GALMED PHARMACEUTICALS LTD	SHS	
M47238 90 6	GALMED PHARMACEUTICALS LTD	CALL	
M47238 95 6	GALMED PHARMACEUTICALS LTD	PUT	
M47364 10 0 *	GAMIDA CELL LTD	SHS	
M47364 90 0	GAMIDA CELL LTD	CALL	
M47364 95 0	GAMIDA CELL LTD	PUT	
M5R635 10 8 *	INNOVIZ TECHNOLOGIES LTD	SHS	
M5R635 90 8	INNOVIZ TECHNOLOGIES LTD	CALL	
M5R635 95 8	INNOVIZ TECHNOLOGIES LTD	PUT	
M5R635 11 6	INNOVIZ TECHNOLOGIES LTD	*W EXP 04/05/202	
M51474 11 8 *	GILAT SATELLITE NETWORKS LTD	SHS NEW	
M51474 90 8	GILAT SATELLITE NETWORKS LTD	CALL	
M51474 95 8	GILAT SATELLITE NETWORKS LTD	PUT	
M5216V 10 6 *	GLOBAL E ONLINE LTD	SHS	
M5216V 90 6	GLOBAL E ONLINE LTD	CALL	
M5216V 95 6	GLOBAL E ONLINE LTD	PUT	
M52523 10 3	G WILLI FOOD INTL LTD	ORD	
M53071 13 6	ICECURE MEDICAL LTD CAESAREA	SHS NEW	
M53213 10 0 *	ICL GROUP LTD	SHS	
M53213 90 0	ICL GROUP LTD	CALL	
M53213 95 0	ICL GROUP LTD	PUT	
M53637 10 0	INSPIRA TECHNOLOGIES OXY BHN	SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 53

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
M53637 11 8	INSPIRA TECHNOLOGIES OXY BHN	*W EXP 07/16/202	
M5425M 10 3 *	INMODE LTD	SHS	
M5425M 90 3	INMODE LTD	CALL	
M5425M 95 3	INMODE LTD	PUT	
M549GJ 11 1 *	INTERCURE LTD	COM NEW	
M549GJ 90 1	INTERCURE LTD	CALL	
M549GJ 95 1	INTERCURE LTD	PUT	
M6000J 10 1	HUB CYBER SECURITY LTD	ORD SHS	ADDED
M6000J 11 9	HUB CYBER SECURITY LTD	*W EXP 08/22/202	ADDED
M6000J 12 7	HUB CYBER SECURITY LTD	*W EXP 02/27/202	ADDED
M61472 10 2	JEFFS BRANDS LTD	ORDINARY SHARES	
M61472 11 0	JEFFS BRANDS LTD	*W EXP 08/26/202	
M6158M 10 4 *	ITURAN LOCATION AND CONTROL	SHS	
M6158M 90 4	ITURAN LOCATION AND CONTROL	CALL	
M6158M 95 4	ITURAN LOCATION AND CONTROL	PUT	
M6191J 10 0 *	JFROG LTD	ORD SHS	
M6191J 90 0	JFROG LTD	CALL	
M6191J 95 0	JFROG LTD	PUT	
M6240T 10 9 *	KAMADA LTD	SHS	
M6240T 90 9	KAMADA LTD	CALL	
M6240T 95 9	KAMADA LTD	PUT	
M6372Q 11 3 *	KORNIT DIGITAL LTD	SHS	
M6372Q 90 3	KORNIT DIGITAL LTD	CALL	
M6372Q 95 3	KORNIT DIGITAL LTD	PUT	
M68057 10 4	MARIS TECH LTD	ORDINARY SHARES	
M68057 11 2	MARIS TECH LTD	*W EXP 02/04/202	
M68830 11 2 *	MEDIWOUND LTD	SHS NEW	
M68830 90 2	MEDIWOUND LTD	CALL	
M68830 95 2	MEDIWOUND LTD	PUT	
M7S64H 10 6 *	MONDAY COM LTD	SHS	
M7S64H 90 6	MONDAY COM LTD	CALL	
M7S64H 95 6	MONDAY COM LTD	PUT	
M7S64L 10 7	PAGAYA TECHNOLOGIES LTD	*W EXP 09/01/202	
M7S64L 11 5 *	PAGAYA TECHNOLOGIES LTD	CL A SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 54

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
M7S64L 90 5	PAGAYA TECHNOLOGIES LTD	CALL	
M7S64L 95 5	PAGAYA TECHNOLOGIES LTD	PUT	
M7S750 15 9	NAYAX LTD	SHS	
M70240 10 2 *	MIND C T I LTD	ORD	
M70240 90 2	MIND C T I LTD	CALL	
M70240 95 2	MIND C T I LTD	PUT	
M70700 10 5 *	NANO X IMAGING LTD	ORD SHS	
M70700 90 5	NANO X IMAGING LTD	CALL	
M70700 95 5	NANO X IMAGING LTD	PUT	
M74240 10 8	NEUROSENSE THERAPEUTICS LTD	ORDINARY SHARES	
M74240 11 6	NEUROSENSE THERAPEUTICS LTD	*W EXP 11/10/202	
M7516K 10 3 *	NOVA LTD	COM	
M7516K 90 3	NOVA LTD	CALL	
M7516K 95 3	NOVA LTD	PUT	
M7571L 10 3 *	OTONOMO TECHNOLOGIES LTD	ORDINARY SHARES	
M7571L 90 3	OTONOMO TECHNOLOGIES LTD	CALL	
M7571L 95 3	OTONOMO TECHNOLOGIES LTD	PUT	
M7571L 11 1	OTONOMO TECHNOLOGIES LTD	*W EXP 08/13/202	
M77798 10 2	PAINREFORM LTD	SHS	
M78673 11 4 *	PERION NETWORK LTD	SHS NEW	
M78673 90 4	PERION NETWORK LTD	CALL	
M78673 95 4	PERION NETWORK LTD	PUT	
M8T77E 10 5	SENSTAR TECHNOLOGIES LTD	ORD	
M8001Q 11 8 *	POLYPID LTD	SHS	
M8001Q 90 8	POLYPID LTD	CALL	
M8001Q 95 8	POLYPID LTD	PUT	
M8186D 10 6	RAIL VISION LTD	ORDINARY SHS	
M8186D 11 4	RAIL VISION LTD	*W EXP 03/27/202	
M81865 11 1	RADCOM LTD	SHS NEW	
M81873 10 7 *	RADWARE LTD	ORD	
M81873 90 7	RADWARE LTD	CALL	
M81873 95 7	RADWARE LTD	PUT	
M8216Q 20 0 *	REWALK ROBOTICS LTD	SHS	
M8216Q 90 0	REWALK ROBOTICS LTD	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 55

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
M8216Q 95 0	REWALK ROBOTICS LTD	PUT	
M8216R 10 9 *	RISKIFIED LTD	SHS CL A	
M8216R 90 9	RISKIFIED LTD	CALL	
M8216R 95 9	RISKIFIED LTD	PUT	
M82363 12 4	SATIXFY COMMUNICATIONS LTD	ORD SHS	
M82363 13 2	SATIXFY COMMUNICATIONS LTD	*W EXP 99/99/999	
M82618 10 5	SCISPARC LTD	COM	
M8273L 10 2	SHARPLINK GAMING LTD	SHS	
M8287R 10 3 *	REE AUTOMOTIVE LTD	CLASS A ORD SHS	
M8287R 90 3	REE AUTOMOTIVE LTD	CALL	
M8287R 95 3	REE AUTOMOTIVE LTD	PUT	
M84116 10 8	SILICOM LTD	ORD	
M84137 10 4 *	SIMILARWEB LTD	SHS	
M84137 90 4	SIMILARWEB LTD	CALL	
M84137 95 4	SIMILARWEB LTD	PUT	
M85548 10 1 *	STRATASYS LTD	SHS	
M85548 90 1	STRATASYS LTD	CALL	
M85548 95 1	STRATASYS LTD	PUT	
M8694L 10 3 *	SOL GEL TECHNOLOGIES	SHS	
M8694L 90 3	SOL GEL TECHNOLOGIES	CALL	
M8694L 95 3	SOL GEL TECHNOLOGIES	PUT	
M87095 20 0	SUPERCOM LTD NEW	SHS	
M8737E 10 8 *	TARO PHARMACEUTICAL INDS LTD	SHS	
M8737E 90 8	TARO PHARMACEUTICAL INDS LTD	CALL	
M8737E 95 8	TARO PHARMACEUTICAL INDS LTD	PUT	
M8740S 22 7	TAT TECHNOLOGIES LTD	ORD NEW	
M8744T 10 6 *	TABOOLA.COM LTD	ORD SHS	
M8744T 90 6	TABOOLA.COM LTD	CALL	
M8744T 95 6	TABOOLA.COM LTD	PUT	
M8744T 11 4	TABOOLA.COM LTD	*W EXP 06/29/202	
M87915 27 4 *	TOWER SEMICONDUCTOR LTD	SHS NEW	
M87915 90 4	TOWER SEMICONDUCTOR LTD	CALL	
M87915 95 4	TOWER SEMICONDUCTOR LTD	PUT	
M9T951 10 9 *	ZIM INTEGRATED SHIPPING SERV	SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 56

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
M9T951 90 9	ZIM INTEGRATED SHIPPING SERV	CALL	
M9T951 95 9	ZIM INTEGRATED SHIPPING SERV	PUT	
M9607U 10 7	VALENS SEMICONDUCTOR LTD	*W EXP 09/30/202	
M9607U 11 5 *	VALENS SEMICONDUCTOR LTD	ORDINARY SHARES	
M9607U 90 5	VALENS SEMICONDUCTOR LTD	CALL	
M9607U 95 5	VALENS SEMICONDUCTOR LTD	PUT	
M96088 10 5 *	UROGEN PHARMA LTD	COM	
M96088 90 5	UROGEN PHARMA LTD	CALL	
M96088 95 5	UROGEN PHARMA LTD	PUT	
M96883 10 9 *	VASCULAR BIOGENICS LTD	COM	
M96883 90 9	VASCULAR BIOGENICS LTD	CALL	
M96883 95 9	VASCULAR BIOGENICS LTD	PUT	
M97628 10 7 *	WALKME LTD	ORD SHS	
M97628 90 7	WALKME LTD	CALL	
M97628 95 7	WALKME LTD	PUT	
M97838 10 2	WEARABLE DEVICES LTD	ORDINARY SHS	
M97838 11 0	WEARABLE DEVICES LTD	*W EXP 09/14/202	
M98068 10 5 *	WIX COM LTD	SHS	
M98068 90 5	WIX COM LTD	CALL	
M98068 95 5	WIX COM LTD	PUT	
N00985 10 6 *	AERCAP HOLDINGS NV	SHS	
N00985 90 6	AERCAP HOLDINGS NV	CALL	
N00985 95 6	AERCAP HOLDINGS NV	PUT	
N01045 10 8 *	AFFIMED N V	COM	
N01045 90 8	AFFIMED N V	CALL	
N01045 95 8	AFFIMED N V	PUT	
N07059 21 0 *	ASML HOLDING N V	N Y REGISTRY SHS	
N07059 90 0	ASML HOLDING N V	CALL	
N07059 95 0	ASML HOLDING N V	PUT	
N0731H 10 3 *	ATAI LIFE SCIENCES NV	SHS	
N0731H 90 3	ATAI LIFE SCIENCES NV	CALL	
N0731H 95 3	ATAI LIFE SCIENCES NV	PUT	
N0796A 10 0 *	ALLEGO N V	ORD SHS	
N0796A 90 0	ALLEGO N V	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 57

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
N0796A 95 0	ALLEGO N V	PUT	
N0796A 11 8	ALLEGO N V	*W EXP 03/16/202	
N14506 10 4 *	ELASTIC N V	ORD SHS	
N14506 90 4	ELASTIC N V	CALL	
N14506 95 4	ELASTIC N V	PUT	
N1976T 10 9	CENTOGENE N V	COM	
N20944 10 9 *	CNH INDL N V	SHS	
N20944 90 9	CNH INDL N V	CALL	
N20944 95 9	CNH INDL N V	PUT	
N22717 10 7 *	CORE LABORATORIES N V	COM	
N22717 90 7	CORE LABORATORIES N V	CALL	
N22717 95 7	CORE LABORATORIES N V	PUT	
N2451R 10 5 *	CUREVAC N V	COM	
N2451R 90 5	CUREVAC N V	CALL	
N2451R 95 5	CUREVAC N V	PUT	
N30577 10 5 *	ERMENEGILDO ZEGNA N V	ORD SHS	
N30577 90 5	ERMENEGILDO ZEGNA N V	CALL	
N30577 95 5	ERMENEGILDO ZEGNA N V	PUT	
N30577 11 3	ERMENEGILDO ZEGNA N V	*W EXP 12/17/202	DELETED
N3144W 10 5 *	EXPRO GROUP HOLDINGS NV	COM	
N3144W 90 5	EXPRO GROUP HOLDINGS NV	CALL	
N3144W 95 5	EXPRO GROUP HOLDINGS NV	PUT	
N3167Y 10 3 *	FERRARI N V	COM	
N3167Y 90 3	FERRARI N V	CALL	
N3167Y 95 3	FERRARI N V	PUT	
N44445 10 9 *	IMMATICS N.V	SHS	
N44445 90 9	IMMATICS N.V	CALL	
N44445 95 9	IMMATICS N.V	PUT	
N44445 11 7	IMMATICS N.V	*W EXP 07/01/202	
N44821 10 1 *	INFLARX NV	COM	
N44821 90 1	INFLARX NV	CALL	
N44821 95 1	INFLARX NV	PUT	
N51517 10 5 *	LAVA THERAPEUTICS NV	SHS	
N51517 90 5	LAVA THERAPEUTICS NV	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 58

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
N51517 95 5	LAVA THERAPEUTICS NV	PUT	
N52586 10 9 *	LILIUM N V	CLASS A ORD SHS	
N52586 90 9	LILIUM N V	CALL	
N52586 95 9	LILIUM N V	PUT	
N52586 11 7	LILIUM N V	*W EXP 09/14/202	
N53745 10 0 *	LYONDELLBASELL INDUSTRIES N	SHS - A -	
N53745 90 0	LYONDELLBASELL INDUSTRIES N	CALL	
N53745 95 0	LYONDELLBASELL INDUSTRIES N	PUT	
N5436L 10 1	MAINZ BIOMED N V	ORDINARY SHARES	
N5749R 10 0 *	MERUS N V	COM	
N5749R 90 0	MERUS N V	CALL	
N5749R 95 0	MERUS N V	PUT	
N62509 10 9	NEWAMSTERDAM PHARMA COMPANY	ORDINARY SHARES	
N62509 11 7	NEWAMSTERDAM PHARMA COMPANY	*W EXP 11/22/202	
N6596X 10 9 *	NXP SEMICONDUCTORS N V	COM	
N6596X 90 9	NXP SEMICONDUCTORS N V	CALL	
N6596X 95 9	NXP SEMICONDUCTORS N V	PUT	
N69605 10 8	PHARVARIS N V	COM	
N70544 10 6 *	PLAYA HOTELS & RESORTS NV	SHS	
N70544 90 6	PLAYA HOTELS & RESORTS NV	CALL	
N70544 95 6	PLAYA HOTELS & RESORTS NV	PUT	
N71542 10 9 *	PROQR THRAPEUTICS N V	SHS EURO	
N71542 90 9	PROQR THRAPEUTICS N V	CALL	
N71542 95 9	PROQR THRAPEUTICS N V	PUT	
N72482 12 3 *	QIAGEN NV	SHS NEW	
N72482 90 3	QIAGEN NV	CALL	
N72482 95 3	QIAGEN NV	PUT	
N80029 10 6	SIGNA SPORTS UNITED NV	ORD SHS	
N80029 11 4	SIGNA SPORTS UNITED NV	*W EXP 12/14/202	
N81409 10 9 *	SONO GROUP N V	COM	
N81409 90 9	SONO GROUP N V	CALL	
N81409 95 9	SONO GROUP N V	PUT	
N82405 10 6 *	STELLANTIS N.V	SHS	
N82405 90 6	STELLANTIS N.V	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 59

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
N82405 95 6	STELLANTIS N.V	PUT	
N90064 10 1 *	UNIQUIRE NV	SHS	
N90064 90 1	UNIQUIRE NV	CALL	
N90064 95 1	UNIQUIRE NV	PUT	
N94209 10 8 *	WALLBOX NV	SHS CL A	
N94209 90 8	WALLBOX NV	CALL	
N94209 95 8	WALLBOX NV	PUT	
N94209 11 6	WALLBOX NV	*W EXP 10/01/202	
N97284 10 8 *	YANDEX N V	SHS CLASS A	
N97284 90 8	YANDEX N V	CALL	
N97284 95 8	YANDEX N V	PUT	
P1666E 10 5 *	BETTERWARE DE MEXC S A P I D	SHS	
P1666E 90 5	BETTERWARE DE MEXC S A P I D	CALL	
P1666E 95 5	BETTERWARE DE MEXC S A P I D	PUT	
P31076 10 5 *	COPA HOLDINGS SA	CL A	
P31076 90 5	COPA HOLDINGS SA	CALL	
P31076 95 5	COPA HOLDINGS SA	PUT	
P3311R 25 9	CRESUD S A C I F Y A	*W EXP 03/09/202	
P5626F 12 8	INTERCORP FINL SVCS INC	SHS	
P5880C 13 4	IRSA INVERSIONES Y REP S A	*W EXP 05/12/202	
P73398 10 2 *	NYMOX PHARMACEUTICAL CORP	COM	
P73398 90 2	NYMOX PHARMACEUTICAL CORP	CALL	
P73398 95 2	NYMOX PHARMACEUTICAL CORP	PUT	
P73684 11 3 *	ONESPAWORLD HOLDINGS LIMITED	COM	
P73684 90 3	ONESPAWORLD HOLDINGS LIMITED	CALL	
P73684 95 3	ONESPAWORLD HOLDINGS LIMITED	PUT	
Q49376 10 8	INTEGRATED MEDIA TECHNOLOGY L	SHS	
Q4982L 10 9 *	IRIS ENERGY LTD	ORDINARY SHARES	
Q4982L 90 9	IRIS ENERGY LTD	CALL	
Q4982L 95 9	IRIS ENERGY LTD	PUT	
Q56120 13 4	LOCAFY LIMITED	SHS NEW	
Q56120 14 2	LOCAFY LIMITED	*W EXP 03/29/202	
Q6519V 12 0 *	CENNTRO ELECTRIC GROUP LIMIT	ORD SHS	
Q6519V 90 0	CENNTRO ELECTRIC GROUP LIMIT	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 60

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
Q6519V 95 0	CENNTRO ELECTRIC GROUP LIMIT	PUT	
Q9225T 10 8 *	TRITIUM DCFC LIMITED	ORDINARY SHARES	
Q9225T 90 8	TRITIUM DCFC LIMITED	CALL	
Q9225T 95 8	TRITIUM DCFC LIMITED	PUT	
Q9225T 11 6	TRITIUM DCFC LIMITED	*W EXP 01/13/202	
T9224W 10 9 *	STEVANATO GROUP S P A	ORD SHS	
T9224W 90 9	STEVANATO GROUP S P A	CALL	
T9224W 95 9	STEVANATO GROUP S P A	PUT	
V0393H 10 3 *	AZURE PWR GLOBAL LTD	SHS	
V0393H 90 3	AZURE PWR GLOBAL LTD	CALL	
V0393H 95 3	AZURE PWR GLOBAL LTD	PUT	
V5633W 10 9 *	MAKEMYTRIP LIMITED MAURITIUS	SHS	
V5633W 90 9	MAKEMYTRIP LIMITED MAURITIUS	CALL	
V5633W 95 9	MAKEMYTRIP LIMITED MAURITIUS	PUT	
V7780T 10 3 *	ROYAL CARIBBEAN GROUP	COM	
V7780T 90 3	ROYAL CARIBBEAN GROUP	CALL	
V7780T 95 3	ROYAL CARIBBEAN GROUP	PUT	
X3R81D 10 2	FORAFRIC GLOBAL PLC	ORDINARY SHARES	
X3R81D 11 0	FORAFRIC GLOBAL PLC	*W EXP 06/09/202	
Y0207T 10 0 *	ARDMORE SHIPPING CORP	COM	
Y0207T 90 0	ARDMORE SHIPPING CORP	CALL	
Y0207T 95 0	ARDMORE SHIPPING CORP	PUT	
Y0436Q 10 9 *	ATLAS CORP	SHARES	DELETED
Y0436Q 90 9	ATLAS CORP	CALL	DELETED
Y0436Q 95 9	ATLAS CORP	PUT	DELETED
Y11082 20 6 *	CAPITAL PRODUCT PARTNERS L P	PARTNERSHP UNITS	
Y11082 90 6	CAPITAL PRODUCT PARTNERS L P	CALL	
Y11082 95 6	CAPITAL PRODUCT PARTNERS L P	PUT	
Y1146L 12 5 *	CASTOR MARITIME INC	SHS NEW	
Y1146L 90 5	CASTOR MARITIME INC	CALL	
Y1146L 95 5	CASTOR MARITIME INC	PUT	
Y1771G 10 2 *	COSTAMARE INC	SHS	
Y1771G 90 2	COSTAMARE INC	CALL	
Y1771G 95 2	COSTAMARE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 61

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
Y1968P 12 1 *	DANAOS CORPORATION	SHS	
Y1968P 90 1	DANAOS CORPORATION	CALL	
Y1968P 95 1	DANAOS CORPORATION	PUT	
Y2065G 12 1 *	DHT HOLDINGS INC	SHS NEW	
Y2065G 90 1	DHT HOLDINGS INC	CALL	
Y2065G 95 1	DHT HOLDINGS INC	PUT	
Y2066G 10 4 *	DIANA SHIPPING INC	COM	
Y2066G 90 4	DIANA SHIPPING INC	CALL	
Y2066G 95 4	DIANA SHIPPING INC	PUT	
Y2106R 11 0 *	DORIAN LPG LTD	SHS USD	
Y2106R 90 0	DORIAN LPG LTD	CALL	
Y2106R 95 0	DORIAN LPG LTD	PUT	
Y2187A 15 0 *	EAGLE BULK SHIPPING INC	COM	
Y2187A 90 0	EAGLE BULK SHIPPING INC	CALL	
Y2187A 95 0	EAGLE BULK SHIPPING INC	PUT	
Y2188B 10 8 *	DYNAGAS LNG PARTNERS LP	COM UNIT LTD PT	
Y2188B 90 8	DYNAGAS LNG PARTNERS LP	CALL	
Y2188B 95 8	DYNAGAS LNG PARTNERS LP	PUT	
Y2294C 10 7 *	ENETI INC	COM	
Y2294C 90 7	ENETI INC	CALL	
Y2294C 95 7	ENETI INC	PUT	
Y23508 10 7	EURODRY LTD	COM	
Y23592 13 5	EUROSEAS LTD	SHS	
Y2573F 10 2 *	FLEX LTD	ORD	
Y2573F 90 2	FLEX LTD	CALL	
Y2573F 95 2	FLEX LTD	PUT	
Y2685T 13 1 *	GENCO SHIPPING & TRADING LTD	SHS	
Y2685T 90 1	GENCO SHIPPING & TRADING LTD	CALL	
Y2685T 95 1	GENCO SHIPPING & TRADING LTD	PUT	
Y2687W 10 8 *	GASLOG PARTNERS LP	UNIT LTD PTNRP	
Y2687W 90 8	GASLOG PARTNERS LP	CALL	
Y2687W 95 8	GASLOG PARTNERS LP	PUT	
Y2711Y 11 2	GIGAMEDIA LTD	SHS NEW	
Y27183 60 0 *	GLOBAL SHIP LEASE INC NEW	COM CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 62

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
Y27183 90 0	GLOBAL SHIP LEASE INC NEW	CALL	
Y27183 95 0	GLOBAL SHIP LEASE INC NEW	PUT	
Y27265 12 6 *	GLOBUS MARITIME LIMITED NEW	COM NEW	
Y27265 90 6	GLOBUS MARITIME LIMITED NEW	CALL	
Y27265 95 6	GLOBUS MARITIME LIMITED NEW	PUT	
Y28895 10 3 *	GRINDROD SHIPPING HOLDINGS L	SHS	
Y28895 90 3	GRINDROD SHIPPING HOLDINGS L	CALL	
Y28895 95 3	GRINDROD SHIPPING HOLDINGS L	PUT	
Y3005A 10 9 *	GENIUS GROUP LTD	ORD SHS	
Y3005A 90 9	GENIUS GROUP LTD	CALL	
Y3005A 95 9	GENIUS GROUP LTD	PUT	
Y3894J 10 4 *	IMPERIAL PETE INC	COMMON SHARES	
Y3894J 90 4	IMPERIAL PETE INC	CALL	
Y3894J 95 4	IMPERIAL PETE INC	PUT	
Y41053 10 2 *	INTERNATIONAL SEAWAYS INC	COM	
Y41053 90 2	INTERNATIONAL SEAWAYS INC	CALL	
Y41053 95 2	INTERNATIONAL SEAWAYS INC	PUT	
Y4600W 10 8	KAROOOOO LTD	ORD SHS	
Y46002 20 3	JX LUXVENTURE LIMITED	COM NEW	
Y46717 10 7	KENON HLDGS LTD	SHS	
Y48125 10 1 *	KNOT OFFSHORE PARTNERS LP	COM UNITS	
Y48125 90 1	KNOT OFFSHORE PARTNERS LP	CALL	
Y48125 95 1	KNOT OFFSHORE PARTNERS LP	PUT	
Y58473 10 2 *	MAXEON SOLAR TECHNOLOGIES LT	SHS	
Y58473 90 2	MAXEON SOLAR TECHNOLOGIES LT	CALL	
Y58473 95 2	MAXEON SOLAR TECHNOLOGIES LT	PUT	
Y62132 10 8 *	NAVIGATOR HLDGS LTD	SHS	
Y62132 90 8	NAVIGATOR HLDGS LTD	CALL	
Y62132 95 8	NAVIGATOR HLDGS LTD	PUT	
Y62197 11 9 *	NAVIOS MARITIME HOLDINGS INC	COM	
Y62197 90 9	NAVIOS MARITIME HOLDINGS INC	CALL	
Y62197 95 9	NAVIOS MARITIME HOLDINGS INC	PUT	
Y62267 40 9 *	NAVIOS MARITIME PARTNERS L P	COM UNIT LPI	
Y62267 90 9	NAVIOS MARITIME PARTNERS L P	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 63

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
Y62267 95 9	NAVIOS MARITIME PARTNERS L P	PUT	
Y6430L 16 0	OCEANPAL INC	COM NEW	
Y67305 15 4	PERFORMANCE SHIPPING INC	COMMON SHARES	
Y71726 11 4	PYXIS TANKERS INC	7.75% CNV PFD A	
Y71726 12 2	PYXIS TANKERS INC	*W EXP 10/13/202	
Y71726 13 0	PYXIS TANKERS INC	COM NEW	
Y73760 19 4	SEANERGY MARITIME HLDGS CORP	SHS NEW	DELETED
Y73760 40 0 *	SEANERGY MARITIME HLDGS CORP	SHS	ADDED
Y73760 90 0	SEANERGY MARITIME HLDGS CORP	CALL	ADDED
Y73760 95 0	SEANERGY MARITIME HLDGS CORP	PUT	ADDED
Y7388L 10 3 *	SAFE BULKERS INC	COM	
Y7388L 90 3	SAFE BULKERS INC	CALL	
Y7388L 95 3	SAFE BULKERS INC	PUT	
Y7542C 13 0 *	SCORPIO TANKERS INC	SHS	
Y7542C 90 0	SCORPIO TANKERS INC	CALL	
Y7542C 95 0	SCORPIO TANKERS INC	PUT	
Y8162K 20 4 *	STAR BULK CARRIERS CORP.	SHS PAR	
Y8162K 90 4	STAR BULK CARRIERS CORP.	CALL	
Y8162K 95 4	STAR BULK CARRIERS CORP.	PUT	
Y81669 10 6 *	STEALTHGAS INC	SHS	
Y81669 90 6	STEALTHGAS INC	CALL	
Y81669 95 6	STEALTHGAS INC	PUT	
Y8564W 10 3 *	TEEKAY CORPORATION	COM	
Y8564W 90 3	TEEKAY CORPORATION	CALL	
Y8564W 95 3	TEEKAY CORPORATION	PUT	
Y8565N 30 0 *	TEEKAY TANKERS LTD	CL A	
Y8565N 90 0	TEEKAY TANKERS LTD	CALL	
Y8565N 95 0	TEEKAY TANKERS LTD	PUT	
Y8897Y 19 8	TOP SHIPS INC	SHS NEW	
Y8900D 10 8	TORO CORP	COM	ADDED
Y92335 10 1	UNITED MARITIME CORPORATION	COM	
Y95308 10 5 *	WAVE LIFE SCIENCES LTD	SHS	
Y95308 90 5	WAVE LIFE SCIENCES LTD	CALL	
Y95308 95 5	WAVE LIFE SCIENCES LTD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 64

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00032Q 10 4 *	AADI BIOSCIENCE INC	COM	
00032Q 90 4	AADI BIOSCIENCE INC	CALL	
00032Q 95 4	AADI BIOSCIENCE INC	PUT	
000360 20 6 *	AAON INC	COM PAR \$0.004	
000360 90 6	AAON INC	CALL	
000360 95 6	AAON INC	PUT	
000361 10 5 *	AAR CORP	COM	
000361 90 5	AAR CORP	CALL	
000361 95 5	AAR CORP	PUT	
000375 20 4 *	ABB LTD	SPONSORED ADR	
000375 90 4	ABB LTD	CALL	
000375 95 4	ABB LTD	PUT	
000380 20 4 *	ABCAM PLC	ADS	
000380 90 4	ABCAM PLC	CALL	
000380 95 4	ABCAM PLC	PUT	
00039J 10 3	AB ACTIVE ETFS INC	ULTRA SHORT INCM	
00039J 20 2	AB ACTIVE ETFS INC	TAX AWARE SHRT	
00039J 30 1	AB ACTIVE ETFS INC	US LOW VOLATIL	ADDED
00039J 40 0	AB ACTIVE ETFS INC	US HIGH DIVIDEND	ADDED
00039J 50 9	AB ACTIVE ETFS INC	DISRUPTORS ETF	ADDED
00081T 10 8 *	ACCO BRANDS CORP	COM	
00081T 90 8	ACCO BRANDS CORP	CALL	
00081T 95 8	ACCO BRANDS CORP	PUT	
00085X 10 5	ABRI SPAC I INC	COMMON STOCK	
00085X 11 3	ABRI SPAC I INC	*W EXP 09/18/202	
00085X 20 4	ABRI SPAC I INC	UNIT 09/18/2026	
000868 10 9	ACNB CORP	COM	
000899 10 4 *	ADMA BIOLOGICS INC	COM	
000899 90 4	ADMA BIOLOGICS INC	CALL	
000899 95 4	ADMA BIOLOGICS INC	PUT	
00090Q 10 3 *	ADT INC DEL	COM	
00090Q 90 3	ADT INC DEL	CALL	
00090Q 95 3	ADT INC DEL	PUT	
00091E 10 9 *	ABSCI CORPORATION	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 65

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
00091E 90 9	ABSCI CORPORATION	CALL	
00091E 95 9	ABSCI CORPORATION	PUT	
00091F 10 6	ABVC BIOPHARMA INC	COM	
00091G 10 4 *	ACV AUCTIONS INC	COM CL A	
00091G 90 4	ACV AUCTIONS INC	CALL	
00091G 95 4	ACV AUCTIONS INC	PUT	
000957 10 0 *	ABM INDS INC	COM	
000957 90 0	ABM INDS INC	CALL	
000957 95 0	ABM INDS INC	PUT	
001055 10 2 *	AFLAC INC	COM	
001055 90 2	AFLAC INC	CALL	
001055 95 2	AFLAC INC	PUT	
00108J 10 9 *	ACM RESH INC	COM CL A	
00108J 90 9	ACM RESH INC	CALL	
00108J 95 9	ACM RESH INC	PUT	
001084 10 2 *	AGCO CORP	COM	
001084 90 2	AGCO CORP	CALL	
001084 95 2	AGCO CORP	PUT	
00109K 10 5 *	AFC GAMMA INC	COM	
00109K 90 5	AFC GAMMA INC	CALL	
00109K 95 5	AFC GAMMA INC	PUT	
00110G 40 8	AGF INVTS TR	US MARKET NETRL	
00110G 60 6	AGF INVTS TR	GLOBAL INFRASTR	
001228 50 1 *	AG MTG INVT TR INC	COM NEW	
001228 90 1	AG MTG INVT TR INC	CALL	
001228 95 1	AG MTG INVT TR INC	PUT	
00123Q 10 4 *	AGNC INVT CORP	COM	
00123Q 90 4	AGNC INVT CORP	CALL	
00123Q 95 4	AGNC INVT CORP	PUT	
00130H 10 5 *	AES CORP	COM	
00130H 90 5	AES CORP	CALL	
00130H 95 5	AES CORP	PUT	
00130H 20 4	AES CORP	UNIT 02/15/2024	
00138L 10 8	ATRENEW INC	SPONSORED ADS	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00152K 10 1 *	A K A BRANDS HLDG CORP	COM	
00152K 90 1	A K A BRANDS HLDG CORP	CALL	
00152K 95 1	A K A BRANDS HLDG CORP	PUT	
00162Q 10 6	ALPS ETF TR	REIT DIVIDE DOGS	
00162Q 20 5	ALPS ETF TR	EQUAL SEC ETF	
00162Q 36 1 *	ALPS ETF TR	OSHS GBL INTER	
00162Q 90 1	ALPS ETF TR	CALL	
00162Q 95 1	ALPS ETF TR	PUT	
00162Q 37 9	ALPS ETF TR	OSHARES EUR QLT	
00162Q 38 7 *	ALPS ETF TR	OSHARES US QUALT	
00162Q 90 7	ALPS ETF TR	CALL	
00162Q 95 7	ALPS ETF TR	PUT	
00162Q 39 5 *	ALPS ETF TR	OSHARES US SMLCP	
00162Q 90 5	ALPS ETF TR	CALL	
00162Q 95 5	ALPS ETF TR	PUT	
00162Q 41 1	ALPS ETF TR	INTER MUNI BD	
00162Q 42 9	ALPS ETF TR	GLOBAL TRAVEL	
00162Q 43 7	ALPS ETF TR	HILLMAN ACTIVE	
00162Q 44 5	ALPS ETF TR	ACTIVE REIT ETF	
00162Q 45 2 *	ALPS ETF TR	ALERIAN MLP	
00162Q 90 2	ALPS ETF TR	CALL	
00162Q 95 2	ALPS ETF TR	PUT	
00162Q 46 0 *	ALPS ETF TR	CLEAN ENERGY	
00162Q 90 0	ALPS ETF TR	CALL	
00162Q 95 0	ALPS ETF TR	PUT	
00162Q 47 8 *	ALPS ETF TR	DISRUPTIVE TECH	
00162Q 90 8	ALPS ETF TR	CALL	
00162Q 95 8	ALPS ETF TR	PUT	
00162Q 51 0	ALPS ETF TR	RIVERFRNT FLEX	
00162Q 52 8	ALPS ETF TR	RIVERFRNT DYMC	
00162Q 53 6	ALPS ETF TR	RIVERFRONT DYM	
00162Q 59 3 *	ALPS ETF TR	MED BREAKTHGH	
00162Q 90 3	ALPS ETF TR	CALL	
00162Q 95 3	ALPS ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 67

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
00162Q 66 8	ALPS ETF TR	EM SECT DIV DG	
00162Q 67 6 *	ALPS ETF TR	ALERIAN ENERGY	
00162Q 90 6	ALPS ETF TR	CALL	
00162Q 95 6	ALPS ETF TR	PUT	
00162Q 71 8	ALPS ETF TR	INTL SEC DV DOG	
00162Q 72 6 *	ALPS ETF TR	BARRONS 400 ETF	
00162Q 90 6	ALPS ETF TR	CALL	
00162Q 95 6	ALPS ETF TR	PUT	
00162Q 78 3	ALPS ETF TR	RIVREFRNT STR INC	
00162Q 85 8 *	ALPS ETF TR	SECTR DIV DOGS	
00162Q 90 8	ALPS ETF TR	CALL	
00162Q 95 8	ALPS ETF TR	PUT	
00164V 10 3 *	AMC NETWORKS INC	CL A	
00164V 90 3	AMC NETWORKS INC	CALL	
00164V 95 3	AMC NETWORKS INC	PUT	
00165C 10 4 *	AMC ENTMT HLDGS INC	CL A COM	
00165C 90 4	AMC ENTMT HLDGS INC	CALL	
00165C 95 4	AMC ENTMT HLDGS INC	PUT	
00166B 10 5 *	ALX ONCOLOGY HLDGS INC	COM	
00166B 90 5	ALX ONCOLOGY HLDGS INC	CALL	
00166B 95 5	ALX ONCOLOGY HLDGS INC	PUT	
00166R 10 0	AMCI ACQUISITION CORP II	CLASS A COM	DELETED
00166R 11 8	AMCI ACQUISITION CORP II	*W EXP 08/06/202	DELETED
00166R 20 9	AMCI ACQUISITION CORP II	UNIT 03/24/2026	DELETED
001744 10 1 *	AMN HEALTHCARE SVCS INC	COM	
001744 90 1	AMN HEALTHCARE SVCS INC	CALL	
001744 95 1	AMN HEALTHCARE SVCS INC	PUT	
00175J 10 7 *	AMMO INC	COM	
00175J 90 7	AMMO INC	CALL	
00175J 95 7	AMMO INC	PUT	
00180G 20 5	AMTD IDEA GROUP	SPONSORED ADS	
00180N 10 1	AMTD DIGITAL INC	SPONSORED ADS	
00181T 10 7 *	A-MARK PRECIOUS METALS INC	COM	
00181T 90 7	A-MARK PRECIOUS METALS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 68

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
00181T 95 7	A-MARK PRECIOUS METALS INC	PUT	
00182C 10 3 *	ANI PHARMACEUTICALS INC	COM	
00182C 90 3	ANI PHARMACEUTICALS INC	CALL	
00182C 95 3	ANI PHARMACEUTICALS INC	PUT	
00183L 10 2 *	ANGI INC	COM CL A NEW	
00183L 90 2	ANGI INC	CALL	
00183L 95 2	ANGI INC	PUT	
00187Y 10 0 *	API GROUP CORP	COM STK	
00187Y 90 0	API GROUP CORP	CALL	
00187Y 95 0	API GROUP CORP	PUT	
00191G 10 3 *	ARC DOCUMENT SOLUTIONS INC	COM	
00191G 90 3	ARC DOCUMENT SOLUTIONS INC	CALL	
00191G 95 3	ARC DOCUMENT SOLUTIONS INC	PUT	
00191U 10 2 *	ASGN INC	COM	
00191U 90 2	ASGN INC	CALL	
00191U 95 2	ASGN INC	PUT	
00206R 10 2 *	AT&T INC	COM	
00206R 90 2	AT&T INC	CALL	
00206R 95 2	AT&T INC	PUT	
00211V 10 6	ATA CREATIVITY GLOBAL	SPONSORED ADS	
00211Y 50 6 *	ARCA BIOPHARMA INC	COM	
00211Y 90 6	ARCA BIOPHARMA INC	CALL	
00211Y 95 6	ARCA BIOPHARMA INC	PUT	
002120 20 2 *	ATYR PHARMA INC	COM NEW	
002120 90 2	ATYR PHARMA INC	CALL	
002120 95 2	ATYR PHARMA INC	PUT	
002121 10 1 *	A10 NETWORKS INC	COM	
002121 90 1	A10 NETWORKS INC	CALL	
002121 95 1	A10 NETWORKS INC	PUT	
00214Q 10 4 *	ARK ETF TR	INNOVATION ETF	
00214Q 90 4	ARK ETF TR	CALL	
00214Q 95 4	ARK ETF TR	PUT	
00214Q 20 3 *	ARK ETF TR	AUTNMUS TECHNLOGY	
00214Q 90 3	ARK ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 69

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00214Q 95 3	ARK ETF TR	PUT	
00214Q 30 2 *	ARK ETF TR	GENOMIC REV ETF	
00214Q 90 2	ARK ETF TR	CALL	
00214Q 95 2	ARK ETF TR	PUT	
00214Q 40 1 *	ARK ETF TR	NEXT GNRTN INTER	
00214Q 90 1	ARK ETF TR	CALL	
00214Q 95 1	ARK ETF TR	PUT	
00214Q 50 0 *	ARK ETF TR	3D PRINTING ETF	
00214Q 90 0	ARK ETF TR	CALL	
00214Q 95 0	ARK ETF TR	PUT	
00214Q 60 9 *	ARK ETF TR	ISRAEL INOVATE	
00214Q 90 9	ARK ETF TR	CALL	
00214Q 95 9	ARK ETF TR	PUT	
00214Q 70 8 *	ARK ETF TR	FINTECH INNOVA	
00214Q 90 8	ARK ETF TR	CALL	
00214Q 95 8	ARK ETF TR	PUT	
00214Q 80 7 *	ARK ETF TR	ARK SPACE EXPL	
00214Q 90 7	ARK ETF TR	CALL	
00214Q 95 7	ARK ETF TR	PUT	
00215F 10 7 *	ATN INTL INC	COM	
00215F 90 7	ATN INTL INC	CALL	
00215F 95 7	ATN INTL INC	PUT	
00215W 10 0 *	ASE TECHNOLOGY HLDG CO LTD	SPONSORED ADS	
00215W 90 0	ASE TECHNOLOGY HLDG CO LTD	CALL	
00215W 95 0	ASE TECHNOLOGY HLDG CO LTD	PUT	
00216W 10 9 *	ATI PHYSICAL THERAPY INC	COM CL A	
00216W 90 9	ATI PHYSICAL THERAPY INC	CALL	
00216W 95 9	ATI PHYSICAL THERAPY INC	PUT	
00216W 11 7	ATI PHYSICAL THERAPY INC	*W EXP 08/10/202	
00217D 10 0 *	AST SPACEMOBILE INC	COM CL A	
00217D 90 0	AST SPACEMOBILE INC	CALL	
00217D 95 0	AST SPACEMOBILE INC	PUT	
00217D 11 8	AST SPACEMOBILE INC	*W EXP 04/06/202	
00218A 10 5	ASP ISOTOPES INC	COM	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 70

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00246W 10 3 *	AXT INC	COM	
00246W 90 3	AXT INC	CALL	
00246W 95 3	AXT INC	PUT	
002474 10 4 *	AZZ INC	COM	
002474 90 4	AZZ INC	CALL	
002474 95 4	AZZ INC	PUT	
00249W 10 0	A2Z SMART TECHNOLOGIES CORP	COM	
00258W 10 8 *	THE AARONS COMPANY INC	COM	
00258W 90 8	THE AARONS COMPANY INC	CALL	
00258W 95 8	THE AARONS COMPANY INC	PUT	
002824 10 0 *	ABBOTT LABS	COM	
002824 90 0	ABBOTT LABS	CALL	
002824 95 0	ABBOTT LABS	PUT	
00287Y 10 9 *	ABBVIE INC	COM	
00287Y 90 9	ABBVIE INC	CALL	
00287Y 95 9	ABBVIE INC	PUT	
00288U 10 6 *	ABCELLERA BIOLOGICS INC	COM	
00288U 90 6	ABCELLERA BIOLOGICS INC	CALL	
00288U 95 6	ABCELLERA BIOLOGICS INC	PUT	
00289Y 20 6	ABEONA THERAPEUTICS INC	COM NEW	
002896 20 7 *	ABERCROMBIE & FITCH CO	CL A	
002896 90 7	ABERCROMBIE & FITCH CO	CALL	
002896 95 7	ABERCROMBIE & FITCH CO	PUT	
003009 10 7	ABRDN ASIA PACIFIC INCOME FU	COM	
00301W 10 5	ABRDN EMRG MKTS EQTY INCM FD	COM	
003011 10 3	ABRDN AUSTRALIA EQUITY FD IN	COM	
003013 10 9	ABRDN GLOBAL INCOME FUND INC	COM	
00302L 10 8	ABRDN GLOBAL PREMIER PPTYS F	COM SH BEN INT	
00302M 10 6	ABRDN GLOBAL DYNAMIC DIVIDEN	COM	
003057 10 6	ABRDN INCOME CREDIT STRATEGI	COM	
00306J 10 9	ABRDN JAPAN EQUITY FUND INC	COM	
00326A 10 4 *	ABRDN GOLD ETF TRUST	PHYSCL GOLD SHS	
00326A 90 4	ABRDN GOLD ETF TRUST	CALL	
00326A 95 4	ABRDN GOLD ETF TRUST	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 71

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00326L 10 0	ABRDN TOTAL DYNAMIC DIVIDEND	COM SH BEN INT	
00326W 10 6	ABRDN GLOBAL INFRA INCOME FU	COM SHS BEN INT	
003260 10 6	ABRDN PLATINUM ETF TRUST	PHYSCL PLATM SHS	
003261 10 4 *	ABRDN ETFS	BBRG ALL COMD K1	
003261 90 4	ABRDN ETFS	CALL	
003261 95 4	ABRDN ETFS	PUT	
003261 20 3 *	ABRDN ETFS	BBRG ALL COMMDY	
003261 90 3	ABRDN ETFS	CALL	
003261 95 3	ABRDN ETFS	PUT	
003261 60 9 *	ABRDN ETFS	BBG INDUSTRIAL MET	
003261 90 9	ABRDN ETFS	CALL	
003261 95 9	ABRDN ETFS	PUT	
003262 10 2	ABRDN PALLADIUM ETF TRUST	PHYSICAL PALLADM	
003263 10 0	ABRDN PRECIOUS METALS BASKET	PHYSCL PRECS MET	
003264 10 8 *	ABRDN SILVER ETF TRUST	PHYSCL SILVR SHS	
003264 90 8	ABRDN SILVER ETF TRUST	CALL	
003264 95 8	ABRDN SILVER ETF TRUST	PUT	
00386B 10 9 *	ABSOLUTE SOFTWARE CORP	COM	
00386B 90 9	ABSOLUTE SOFTWARE CORP	CALL	
00386B 95 9	ABSOLUTE SOFTWARE CORP	PUT	
003881 30 7 *	ACACIA RESH CORP	ACACIA TCH COM	
003881 90 7	ACACIA RESH CORP	CALL	
003881 95 7	ACACIA RESH CORP	PUT	
00400R 60 1	ABSOLUTE SHS TR	WBI BBR VAL 3000	
00400R 70 0	ABSOLUTE SHS TR	WBI BBR YLD 3000	
00400R 80 9	ABSOLUTE SHS TR	WBI BBR QTY 3000	
00400R 85 8	ABSOLUTE SHS TR	WBI PWR FCTR ETF	
00402L 10 7 *	ACADEMY SPORTS & OUTDOORS IN	COM	
00402L 90 7	ACADEMY SPORTS & OUTDOORS IN	CALL	
00402L 95 7	ACADEMY SPORTS & OUTDOORS IN	PUT	
00404A 10 9 *	ACADIA HEALTHCARE COMPANY IN	COM	
00404A 90 9	ACADIA HEALTHCARE COMPANY IN	CALL	
00404A 95 9	ACADIA HEALTHCARE COMPANY IN	PUT	
004225 10 8 *	ACADIA PHARMACEUTICALS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 72

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
004225 90 8	ACADIA PHARMACEUTICALS INC	CALL	
004225 95 8	ACADIA PHARMACEUTICALS INC	PUT	
004239 10 9 *	ACADIA RLTY TR	COM SH BEN INT	
004239 90 9	ACADIA RLTY TR	CALL	
004239 95 9	ACADIA RLTY TR	PUT	
00430H AB 8	ACCELERATE DIAGNOSTICS INC	NOTE 2.500% 3/1	DELETED
00430H 10 2 *	ACCELERATE DIAGNOSTICS INC	COM	
00430H 90 2	ACCELERATE DIAGNOSTICS INC	CALL	
00430H 95 2	ACCELERATE DIAGNOSTICS INC	PUT	
00430K 87 3	ACASTI PHARMA INC	CL A	
00436Q 10 6 *	ACCEL ENTERTAINMENT INC	COM CL A1	
00436Q 90 6	ACCEL ENTERTAINMENT INC	CALL	
00436Q 95 6	ACCEL ENTERTAINMENT INC	PUT	
00437E AB 8	ACCOLADE INC	NOTE 0.500% 4/0	
00437E 10 2 *	ACCOLADE INC	COM	
00437E 90 2	ACCOLADE INC	CALL	
00437E 95 2	ACCOLADE INC	PUT	
00438Y 10 7	ACCRETION ACQUISITION CORP	COM	
00438Y 11 5	ACCRETION ACQUISITION CORP	*W EXP 03/01/202	
00438Y 12 3	ACCRETION ACQUISITION CORP	RIGHT 03/01/2028	
00438Y 20 6	ACCRETION ACQUISITION CORP	UNIT 03/01/2028	
004397 AK 1	ACCURAY INC DEL	NOTE 3.750% 6/0	
004397 10 5 *	ACCURAY INC	COM	
004397 90 5	ACCURAY INC	CALL	
004397 95 5	ACCURAY INC	PUT	
00444P 10 8 *	ACER THERAPEUTICS INC	COM	
00444P 90 8	ACER THERAPEUTICS INC	CALL	
00444P 95 8	ACER THERAPEUTICS INC	PUT	
00444T 20 9 *	ACELRX PHARMACEUTICALS INC	COM NEW	
00444T 90 9	ACELRX PHARMACEUTICALS INC	CALL	
00444T 95 9	ACELRX PHARMACEUTICALS INC	PUT	
00444X 10 1	ACHARI VENTURES HLDGS CORP I	COM	
00444X 11 9	ACHARI VENTURES HLDGS CORP I	*W EXP 01/01/202	
00444X 20 0	ACHARI VENTURES HLDGS CORP I	UNIT 09/30/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 73

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00445F 10 9 *	ACERAGEN INC	COM	ADDED
00445F 90 9	ACERAGEN INC	CALL	ADDED
00445F 95 9	ACERAGEN INC	PUT	ADDED
004468 50 0 *	ACHIEVE LIFE SCIENCES INC	COM	
004468 90 0	ACHIEVE LIFE SCIENCES INC	CALL	
004468 95 0	ACHIEVE LIFE SCIENCES INC	PUT	
00449L 10 2	ACHILLES THERAPEUTICS PLC	SPONSORED ADS	
004498 10 1 *	ACI WORLDWIDE INC	COM	
004498 90 1	ACI WORLDWIDE INC	CALL	
004498 95 1	ACI WORLDWIDE INC	PUT	
00461U 10 5 *	ACLARIS THERAPEUTICS INC	COM	
00461U 90 5	ACLARIS THERAPEUTICS INC	CALL	
00461U 95 5	ACLARIS THERAPEUTICS INC	PUT	
004816 10 4	ACME UTD CORP	COM	
00484M AC 0	ACORDA THERAPEUTICS INC	NOTE 6.000%12/0	
00484M 60 1 *	ACORDA THERAPEUTICS INC	COM NEW	
00484M 90 1	ACORDA THERAPEUTICS INC	CALL	
00484M 95 1	ACORDA THERAPEUTICS INC	PUT	
00486H 10 5 *	ADTRAN HOLDINGS INC	COM	
00486H 90 5	ADTRAN HOLDINGS INC	CALL	
00486H 95 5	ADTRAN HOLDINGS INC	PUT	
00489Q 10 2 *	ACRES COMMERCIAL REALTY CORP	COM NEW	
00489Q 90 2	ACRES COMMERCIAL REALTY CORP	CALL	
00489Q 95 2	ACRES COMMERCIAL REALTY CORP	PUT	
004890 10 9	ACRIVON THERAPEUTICS INC	COMMON STOCK	
00501A 10 1	ACRI CAPITAL ACQUISITION COR	COM CL A	
00501A 11 9	ACRI CAPITAL ACQUISITION COR	*W EXP 02/01/202	
00501A 20 0	ACRI CAPITAL ACQUISITION COR	UNIT 02/01/2029	
005029 10 3	ACROPOLIS INFRASTRUCTURE ACQ	CL A	
005029 11 1	ACROPOLIS INFRASTRUCTURE ACQ	*W EXP 03/30/202	
005029 20 2	ACROPOLIS INFRASTRUCTURE ACQ	UNIT 99/99/9999	
00503R 10 2	ACTELIS NETWORKS INC	COM	
00507V 10 9 *	ACTIVISION BLIZZARD INC	COM	
00507V 90 9	ACTIVISION BLIZZARD INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 74

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00507V 95 9	ACTIVISION BLIZZARD INC	PUT	
00507W 20 6 *	ACTINIUM PHARMACEUTICALS INC	COM	
00507W 90 6	ACTINIUM PHARMACEUTICALS INC	CALL	
00507W 95 6	ACTINIUM PHARMACEUTICALS INC	PUT	
00508Y 10 2 *	ACUITY BRANDS INC	COM	
00508Y 90 2	ACUITY BRANDS INC	CALL	
00508Y 95 2	ACUITY BRANDS INC	PUT	
00509G 20 9 *	ACUMEN PHARMACEUTICALS INC	COM	
00509G 90 9	ACUMEN PHARMACEUTICALS INC	CALL	
00509G 95 9	ACUMEN PHARMACEUTICALS INC	PUT	
00509W 10 5	ACTIVESHARES ETF TR	CLRBRDG FCS ESG	
005098 10 8 *	ACUSHNET HLDGS CORP	COM	
005098 90 8	ACUSHNET HLDGS CORP	CALL	
005098 95 8	ACUSHNET HLDGS CORP	PUT	
00510L 10 6 *	ACUITYADS HLDGS INC	COM	
00510L 90 6	ACUITYADS HLDGS INC	CALL	
00510L 95 6	ACUITYADS HLDGS INC	PUT	
00510M 10 4 *	ACURX PHARMACEUTICALS INC	COM	
00510M 90 4	ACURX PHARMACEUTICALS INC	CALL	
00510M 95 4	ACURX PHARMACEUTICALS INC	PUT	
005111 10 9 *	ACUTUS MED INC	COM	
005111 90 9	ACUTUS MED INC	CALL	
005111 95 9	ACUTUS MED INC	PUT	
005329 10 7	ADAGENE INC	ADS	
00534A 10 2 *	INVIVYD INC	COM	
00534A 90 2	INVIVYD INC	CALL	
00534A 95 2	INVIVYD INC	PUT	
00547W 20 8 *	ADAMIS PHARMACEUTICALS CORP	COM NEW	
00547W 90 8	ADAMIS PHARMACEUTICALS CORP	CALL	
00547W 95 8	ADAMIS PHARMACEUTICALS CORP	PUT	
00548F 10 5 *	ADAM NAT RES FD INC	COM	
00548F 90 5	ADAM NAT RES FD INC	CALL	
00548F 95 5	ADAM NAT RES FD INC	PUT	
00548H 10 1	ADAMAS ONE CORP	COMMON STOCK	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 75

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
006212 10 4	ADAMS DIVERSIFIED EQUITY FD	COM	
006351 30 8	ADAMS RES & ENERGY INC	COM NEW	
00650F 10 9 *	ADAPTIVE BIOTECHNOLOGIES COR	COM	
00650F 90 9	ADAPTIVE BIOTECHNOLOGIES COR	CALL	
00650F 95 9	ADAPTIVE BIOTECHNOLOGIES COR	PUT	
00653A 10 7 *	ADAPTIMMUNE THERAPEUTICS PLC	SPONDS ADR	
00653A 90 7	ADAPTIMMUNE THERAPEUTICS PLC	CALL	
00653A 95 7	ADAPTIMMUNE THERAPEUTICS PLC	PUT	
00653H 10 2	ADARA ACQUISITION CORP	COM CL A	DELETED
00653H 11 0	ADARA ACQUISITION CORP	*W EXP 02/11/202	DELETED
00653H 20 1	ADARA ACQUISITION CORP	UNIT 99/99/9999	DELETED
00653L 20 2	ADDENTAX GROUP CORP	COM NEW	
00653Q 10 2 *	ADAPTHEALTH CORP	COMMON STOCK	
00653Q 90 2	ADAPTHEALTH CORP	CALL	
00653Q 95 2	ADAPTHEALTH CORP	PUT	
00654J 10 7	ADDEX THERAPEUTICS LTD	SPONSORED ADS	
006739 10 6 *	ADDUS HOMECARE CORP	COM	
006739 90 6	ADDUS HOMECARE CORP	CALL	
006739 95 6	ADDUS HOMECARE CORP	PUT	
006743 30 6	ADVANTAGE TECHNOLOGIES GROU	COM NEW	
00676P 10 7 *	ADEIA INC	COM	
00676P 90 7	ADEIA INC	CALL	
00676P 95 7	ADEIA INC	PUT	
00688A 10 6 *	ADIAL PHARMACEUTICALS INC	COM	
00688A 90 6	ADIAL PHARMACEUTICALS INC	CALL	
00688A 95 6	ADIAL PHARMACEUTICALS INC	PUT	
00688A 11 4	ADIAL PHARMACEUTICALS INC	*W EXP 07/31/202	
007002 10 8 *	ADICET BIO INC	COM	
007002 90 8	ADICET BIO INC	CALL	
007002 95 8	ADICET BIO INC	PUT	
007024 10 2	ADIT EDTECH ACQUISITION CORP	COMMON STOCK	
007024 11 0	ADIT EDTECH ACQUISITION CORP	*W EXP 99/99/999	
007024 20 1	ADIT EDTECH ACQUISITION CORP	UNIT 99/99/9999	
007025 50 5 *	ADITXT INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 76

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
007025 90 5	ADITXT INC	CALL	
007025 95 5	ADITXT INC	PUT	
00724F 10 1 *	ADOBE SYSTEMS INCORPORATED	COM	
00724F 90 1	ADOBE SYSTEMS INCORPORATED	CALL	
00724F 95 1	ADOBE SYSTEMS INCORPORATED	PUT	
00737L 10 3 *	ADTALEM GLOBAL ED INC	COM	
00737L 90 3	ADTALEM GLOBAL ED INC	CALL	
00737L 95 3	ADTALEM GLOBAL ED INC	PUT	
00739D 10 9	ADTHEORENT HOLDING COMPANY	COM	
00739D 11 7	ADTHEORENT HOLDING COMPANY	*W EXP 12/26/202	
0075W0 16 3	ADVISORS INNER CIRCLE FD	CAMBIAR AGGRES	ADDED
00751Y 10 6 *	ADVANCE AUTO PARTS INC	COM	
00751Y 90 6	ADVANCE AUTO PARTS INC	CALL	
00751Y 95 6	ADVANCE AUTO PARTS INC	PUT	
00760J 10 8 *	AEHR TEST SYS	COM	
00760J 90 8	AEHR TEST SYS	CALL	
00760J 95 8	AEHR TEST SYS	PUT	
00764C 10 9	ADVENT CONV & INCOME FD	COM	
00766T 10 0 *	AECOM	COM	
00766T 90 0	AECOM	CALL	
00766T 95 0	AECOM	PUT	
00768Y 20 6	ADVISORSHARES TR	DORSEY WRIGT ADR	
00768Y 31 3 *	ADVISORSHARES TR	MSOS 2X DAILY ET	
00768Y 90 3	ADVISORSHARES TR	CALL	
00768Y 95 3	ADVISORSHARES TR	PUT	
00768Y 32 1	ADVISORSHARES TR	DRONE TECH ETF	
00768Y 33 9 *	ADVISORSHARES TR	MANAGED BTC STRA	
00768Y 90 9	ADVISORSHARES TR	CALL	
00768Y 95 9	ADVISORSHARES TR	PUT	
00768Y 34 7 *	ADVISORSHARES TR	LET BOB AI POWER	
00768Y 90 7	ADVISORSHARES TR	CALL	
00768Y 95 7	ADVISORSHARES TR	PUT	
00768Y 35 4	ADVISORSHARES TR	POSEIDON DYNAMIC	
00768Y 36 2 *	ADVISORSHARES TR	PSYCHEDELICS ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 77

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
00768Y 90 2	ADVISORSHARES TR	CALL	
00768Y 95 2	ADVISORSHARES TR	PUT	
00768Y 37 0 *	ADVISORSHARES TR	GERBER KAWASAKI	
00768Y 90 0	ADVISORSHARES TR	CALL	
00768Y 95 0	ADVISORSHARES TR	PUT	
00768Y 38 8 *	ADVISORSHARES TR	RESTAURANT ETF	
00768Y 90 8	ADVISORSHARES TR	CALL	
00768Y 95 8	ADVISORSHARES TR	PUT	
00768Y 39 6 *	ADVISORSHARES TR	HOTEL ETF	
00768Y 90 6	ADVISORSHARES TR	CALL	
00768Y 95 6	ADVISORSHARES TR	PUT	
00768Y 41 2 *	ADVISORSHARES TR	RANGER EQUITY BE	
00768Y 90 2	ADVISORSHARES TR	CALL	
00768Y 95 2	ADVISORSHARES TR	PUT	
00768Y 42 0 *	ADVISORSHARES TR	ALPHA DNA EQUITY	
00768Y 90 0	ADVISORSHARES TR	CALL	
00768Y 95 0	ADVISORSHARES TR	PUT	
00768Y 43 8	ADVISORSHARES TR	Q DYNAMIC GROWTH	
00768Y 45 3 *	ADVISORSHARES TR	PURE US CANNABIS	
00768Y 90 3	ADVISORSHARES TR	CALL	
00768Y 95 3	ADVISORSHARES TR	PUT	
00768Y 46 1	ADVISORSHARES TR	DORSY ALPH EQL	
00768Y 47 9	ADVISORSHARES TR	DORSY FSM ALCP	
00768Y 48 7	ADVISORSHARES TR	DORSY FSM US	
00768Y 49 5 *	ADVISORSHARES TR	PURE CANNABIS	
00768Y 90 5	ADVISORSHARES TR	CALL	
00768Y 95 5	ADVISORSHARES TR	PUT	
00768Y 52 9	ADVISORSHARES TR	DORSY SHRT ETF	
00768Y 53 7	ADVISORSHARES TR	DORSY MICR ETF	
00768Y 54 5 *	ADVISORSHARES TR	VICE E T F	
00768Y 90 5	ADVISORSHARES TR	CALL	
00768Y 95 5	ADVISORSHARES TR	PUT	
00768Y 56 0	ADVISORSHARES TR	ADVISORSHS ETF	
00768Y 65 1	ADVISORSHARES TR	NORTH SQUA MCKE	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 78

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00768Y 72 7	ADVISORSHARES TR	NEWFLT MULSINC	
00768Y 76 8	ADVISORSHARES TR	STAR GLOB BUYW	
00768Y 81 8	ADVISORSHARES TR	INSIDER ADVANTA	
00770C 10 1 *	ADVANCED EMISSIONS SOLUTIONS	COM	
00770C 90 1	ADVANCED EMISSIONS SOLUTIONS	CALL	
00770C 95 1	ADVANCED EMISSIONS SOLUTIONS	PUT	
00770K 20 2 *	AEMETIS INC	COM NEW	
00770K 90 2	AEMETIS INC	CALL	
00770K 95 2	AEMETIS INC	PUT	
00770X 24 6	ADVISORS SER TR	LOGAN CAP BRD IN	
00770X 25 3	ADVISORS SER TR	REVERB ETF	
00770X 26 1 *	ADVISORS SER TR	VEGTECH PLANT B	
00770X 90 1	ADVISORS SER TR	CALL	
00770X 95 1	ADVISORS SER TR	PUT	
00773J 10 3 *	AEGLEA BIOTHERAPEUTICS INC	COM	
00773J 90 3	AEGLEA BIOTHERAPEUTICS INC	CALL	
00773J 95 3	AEGLEA BIOTHERAPEUTICS INC	PUT	
00773T 10 1 *	ADVANSIX INC	COM	
00773T 90 1	ADVANSIX INC	CALL	
00773T 95 1	ADVANSIX INC	PUT	
00773U 10 8 *	ADVERUM BIOTECHNOLOGIES INC	COM	
00773U 90 8	ADVERUM BIOTECHNOLOGIES INC	CALL	
00773U 95 8	ADVERUM BIOTECHNOLOGIES INC	PUT	
007737 10 9	MEGA MATRIX CORP	COM	
00774Q 14 8	ADVISORS INNER CIRCLE FD III	DEMOCRACY INTERN	
00774Q 19 7	ADVISORS INNER CIRCLE FD III	RAYLIANT QUANTAM	
00774Q 34 6	ADVISORS INNER CIRCLE FD III	DEMCRATIC LG ETF	
007744 10 5	MOLEKULE GROUP INC	COM	
00775W 10 2	AEQUI ACQUISITION CORP	COM CL A	
00775W 11 0	AEQUI ACQUISITION CORP	*W EXP 11/30/202	
00775W 20 1	AEQUI ACQUISITION CORP	UNIT 11/30/2027	
00775Y 64 5	ADVISORS INNER CIRCLE FD III	STRATEGAS MACRO	
00775Y 65 2	ADVISORS INNER CIRCLE FD III	STRATEGAS GBL PO	
00775Y 71 0	ADVISORS INNER CIRCLE FD III	RAYLIANT QUANTAM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 79

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00775Y 72 8	ADVISORS INNER CIRCLE FD III	RAYLIANT QUANTIT	
00775Y 73 6	ADVISORS INNER CIRCLE FD III	ADVOCATE RISING	
00776D 20 2	AENZA S.A.A	SPONSORED ADS	
00777C 10 4	ADVANCED HEALTH INTELLIGENCE	SPON ADS	
007800 10 5 *	AEROJET ROCKETDYNE HLDGS INC	COM	
007800 90 5	AEROJET ROCKETDYNE HLDGS INC	CALL	
007800 95 5	AEROJET ROCKETDYNE HLDGS INC	PUT	
00788A 10 5 *	ADVENT TECHNOLOGIES HOLDNG I	COM CL A	
00788A 90 5	ADVENT TECHNOLOGIES HOLDNG I	CALL	
00788A 95 5	ADVENT TECHNOLOGIES HOLDNG I	PUT	
00788A 11 3	ADVENT TECHNOLOGIES HOLDNG I	*W EXP 02/03/202	
00790R 10 4 *	ADVANCED DRAIN SYS INC DEL	COM	
00790R 90 4	ADVANCED DRAIN SYS INC DEL	CALL	
00790R 95 4	ADVANCED DRAIN SYS INC DEL	PUT	
007903 BD 8	ADVANCED MICRO DEVICES INC	NOTE 2.125% 9/0	
007903 10 7 *	ADVANCED MICRO DEVICES INC	COM	
007903 90 7	ADVANCED MICRO DEVICES INC	CALL	
007903 95 7	ADVANCED MICRO DEVICES INC	PUT	
00791N 10 2 *	ADVANTAGE SOLUTIONS INC	COM CL A	
00791N 90 2	ADVANTAGE SOLUTIONS INC	CALL	
00791N 95 2	ADVANTAGE SOLUTIONS INC	PUT	
00791N 11 0	ADVANTAGE SOLUTIONS INC	*W EXP 10/28/202	
00791R 30 1	ADVISORS INNER CIRCLE FD II	PMV ADAPTIVE RSK	
007924 10 3 *	AEGON N V	NY REGISTRY SHS	
007924 90 3	AEGON N V	CALL	
007924 95 3	AEGON N V	PUT	
007973 10 0 *	ADVANCED ENERGY INDS	COM	
007973 90 0	ADVANCED ENERGY INDS	CALL	
007973 95 0	ADVANCED ENERGY INDS	PUT	
007975 50 1 *	AETERNA ZENTARIS INC	COM NEW	
007975 90 1	AETERNA ZENTARIS INC	CALL	
007975 95 1	AETERNA ZENTARIS INC	PUT	
008064 10 7	AEROVATE THERAPEUTICS INC	COM	
008073 10 8 *	AEROVIRONMENT INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 80

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
008073 90 8	AEROVIRONMENT INC	CALL	
008073 95 8	AEROVIRONMENT INC	PUT	
00808Y 30 7 *	AETHLON MED INC	COM	
00808Y 90 7	AETHLON MED INC	CALL	
00808Y 95 7	AETHLON MED INC	PUT	
00809J 10 1	AETHERIUM ACQUISITION CORP	CLASS A COM	
00809J 11 9	AETHERIUM ACQUISITION CORP	*W EXP 12/21/202	
00809J 20 0	AETHERIUM ACQUISITION CORP	UNIT 12/21/2026	
00809L 10 6	AESTHER HEALTHCARE ACQSTN CO	CLASS A COM	DELETED
00809L 11 4	AESTHER HEALTHCARE ACQSTN CO	*W EXP 09/14/202	DELETED
00809L 20 5	AESTHER HEALTHCARE ACQSTN CO	UNIT 09/14/2026	DELETED
00809M 10 4	AESTHETIC MED INTL HLDG GR L	ADS	
00810F 10 6 *	AERSALE CORPORATION	COM	
00810F 90 6	AERSALE CORPORATION	CALL	
00810F 95 6	AERSALE CORPORATION	PUT	
00810J 10 8	AERWINS TECHNOLOGIES INC	COM	ADDED
00810J 11 6	AERWINS TECHNOLOGIES INC	*W EXP 02/03/202	ADDED
008183 10 5 *	AEYE INC	CL A COM	
008183 90 5	AEYE INC	CALL	
008183 95 5	AEYE INC	PUT	
008183 11 3	AEYE INC	*W EXP 09/30/202	
008252 10 8 *	AFFILIATED MANAGERS GROUP IN	COM	
008252 90 8	AFFILIATED MANAGERS GROUP IN	CALL	
008252 95 8	AFFILIATED MANAGERS GROUP IN	PUT	
00827B AB 2	AFFIRM HLDGS INC	NOTE 11/1	
00827B 10 6 *	AFFIRM HLDGS INC	COM CL A	
00827B 90 6	AFFIRM HLDGS INC	CALL	
00827B 95 6	AFFIRM HLDGS INC	PUT	
00832E 10 3	AFFINITY BANCSHARES INC	COM	
00835Q 10 3 *	AEVA TECHNOLOGIES INC	COM	
00835Q 90 3	AEVA TECHNOLOGIES INC	CALL	
00835Q 95 3	AEVA TECHNOLOGIES INC	PUT	
00835Q 11 1	AEVA TECHNOLOGIES INC	*W EXP 03/12/202	
00846U 10 1 *	AGILENT TECHNOLOGIES INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 81

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
00846U 90 1	AGILENT TECHNOLOGIES INC	CALL	
00846U 95 1	AGILENT TECHNOLOGIES INC	PUT	
00847G 70 5 *	AGENUS INC	COM NEW	
00847G 90 5	AGENUS INC	CALL	
00847G 95 5	AGENUS INC	PUT	
00847J 10 5 *	AGILYSYS INC	COM	
00847J 90 5	AGILYSYS INC	CALL	
00847J 95 5	AGILYSYS INC	PUT	
00847L 20 9	AGILE THERAPEUTICS INC	COM NEW	
00847X 10 4 *	AGIOS PHARMACEUTICALS INC	COM	
00847X 90 4	AGIOS PHARMACEUTICALS INC	CALL	
00847X 95 4	AGIOS PHARMACEUTICALS INC	PUT	
008474 10 8 *	AGNICO EAGLE MINES LTD	COM	
008474 90 8	AGNICO EAGLE MINES LTD	CALL	
008474 95 8	AGNICO EAGLE MINES LTD	PUT	
00848H 10 8	AGEX THERAPEUTICS INC	COM	
00848J 10 4 *	AGILITI INC	COM	
00848J 90 4	AGILITI INC	CALL	
00848J 95 4	AGILITI INC	PUT	
00848K 10 1 *	AGEAGLE AERIAL SYS INC NEW	COM	
00848K 90 1	AGEAGLE AERIAL SYS INC NEW	CALL	
00848K 95 1	AGEAGLE AERIAL SYS INC NEW	PUT	
008492 10 0 *	AGREE RLTY CORP	COM	
008492 90 0	AGREE RLTY CORP	CALL	
008492 95 0	AGREE RLTY CORP	PUT	
00851L 10 3 *	AGORA INC	ADS	
00851L 90 3	AGORA INC	CALL	
00851L 95 3	AGORA INC	PUT	
00853E 20 6	AGRIFY CORP	COM NEW	
00856G 10 9 *	AGROFRESH SOLUTIONS INC	COM	
00856G 90 9	AGROFRESH SOLUTIONS INC	CALL	
00856G 95 9	AGROFRESH SOLUTIONS INC	PUT	
00857F 10 0	AGILETHOUGHT INC	CLASS A COM	
00857F 11 8	AGILETHOUGHT INC	*W EXP 08/23/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 82

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
00857U 10 7 *	AGILON HEALTH INC	COM	
00857U 90 7	AGILON HEALTH INC	CALL	
00857U 95 7	AGILON HEALTH INC	PUT	
00887A 20 4	AILERON THERAPEUTICS INC	COM NEW	
008875 30 4	DOMINARI HOLDINGS INC	COM NEW	
00888H 10 9	AIM ETF PRODUCTS TRUST	US LRG CP BUF10	
00888H 20 8	AIM ETF PRODUCTS TRUST	US LRG CP BUF20	
00888H 30 7	AIM ETF PRODUCTS TRUST	US LRG CAP BUF10	
00888H 40 6	AIM ETF PRODUCTS TRUST	US LRG CP BUF20	
00888H 50 5	AIM ETF PRODUCTS TRUST	US LRG CP BUFR20	
00888H 60 4	AIM ETF PRODUCTS TRUST	US LRG CP BFR 10	
00888H 70 3	AIM ETF PRODUCTS TRUST	US LRG CP BUFR10	
00888H 77 8	AIM ETF PRODUCTS TRUST	US LAR CP BUFR20	ADDED
00888H 78 6	AIM ETF PRODUCTS TRUST	US LARGE CAP BUF	ADDED
00888H 79 4	AIM ETF PRODUCTS TRUST	US LRG CP BUF20	
00888H 80 2	AIM ETF PRODUCTS TRUST	US LRG CP BUFR20	
00888H 81 0	AIM ETF PRODUCTS TRUST	US LAR CP BUFR10	ADDED
00888H 82 8	AIM ETF PRODUCTS TRUST	US LARGE CAP BUF	ADDED
00888H 83 6	AIM ETF PRODUCTS TRUST	US LRG CP BUF10	
00888H 84 4	AIM ETF PRODUCTS TRUST	US LRG CAP BUF20	
00888H 85 1	AIM ETF PRODUCTS TRUST	US LRG CAP BUF10	
00888H 86 9	AIM ETF PRODUCTS TRUST	ALLIANZIM U S LA	
00888H 87 7	AIM ETF PRODUCTS TRUST	ALLIANZIM US LRG	
00901B 10 5	AIM IMMUNOTECH INC	COM	
00902F 11 3	AINOS INC	*W EXP 07/29/202	
00902F 20 4	AINOS INC	COM NEW	
009066 AB 7	AIRBNB INC	NOTE 3/1	
009066 10 1 *	AIRBNB INC	COM CL A	
009066 90 1	AIRBNB INC	CALL	
009066 95 1	AIRBNB INC	PUT	
00912N 40 3	AIR INDS GROUP	COM	
00912X 30 2 *	AIR LEASE CORP	CL A	
00912X 90 2	AIR LEASE CORP	CALL	
00912X 95 2	AIR LEASE CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 83

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
009158 10 6 *	AIR PRODS & CHEMS INC	COM	
009158 90 6	AIR PRODS & CHEMS INC	CALL	
009158 95 6	AIR PRODS & CHEMS INC	PUT	
009207 10 1	AIR T INC	COM	
00922R AB 1	AIR TRANS SVCS GROUP INC	NOTE 1.125%10/1	
00922R 10 5 *	AIR TRANSPORT SERVICES GRP I	COM	
00922R 90 5	AIR TRANSPORT SERVICES GRP I	CALL	
00922R 95 5	AIR TRANSPORT SERVICES GRP I	PUT	
00938A 10 4 *	AIRGAIN INC	COM	
00938A 90 4	AIRGAIN INC	CALL	
00938A 95 4	AIRGAIN INC	PUT	
00941Q 20 3 *	AIRNET TECHNOLOGY INC	SPON ADS NEW	
00941Q 90 3	AIRNET TECHNOLOGY INC	CALL	
00941Q 95 3	AIRNET TECHNOLOGY INC	PUT	
009496 10 0 *	AIRSCULPT TECHNOLOGIES INC	COM	
009496 90 0	AIRSCULPT TECHNOLOGIES INC	CALL	
009496 95 0	AIRSCULPT TECHNOLOGIES INC	PUT	
00951K 10 4 *	AIRSPAN NETWORKS HOLDINGS IN	COM	
00951K 90 4	AIRSPAN NETWORKS HOLDINGS IN	CALL	
00951K 95 4	AIRSPAN NETWORKS HOLDINGS IN	PUT	
00951K 11 2	AIRSPAN NETWORKS HOLDINGS IN	*W EXP 08/13/202	
00951K 12 0	AIRSPAN NETWORKS HOLDINGS IN	*W EXP 08/13/202	
00951K 13 8	AIRSPAN NETWORKS HOLDINGS IN	*W EXP 08/13/202	
00951K 14 6	AIRSPAN NETWORKS HOLDINGS IN	*W EXP 08/13/202	DELETED
00971M 10 6	AKANDA CORP	COMMON SHARES	DELETED
00971M 20 5	AKANDA CORP	COM NEW	ADDED
00971T AJ 0	AKAMAI TECHNOLOGIES INC	NOTE 0.125% 5/0	
00971T AL 5	AKAMAI TECHNOLOGIES INC	NOTE 0.375% 9/0	
00971T 10 1 *	AKAMAI TECHNOLOGIES INC	COM	
00971T 90 1	AKAMAI TECHNOLOGIES INC	CALL	
00971T 95 1	AKAMAI TECHNOLOGIES INC	PUT	
00972D 10 5 *	AKEBIA THERAPEUTICS INC	COM	
00972D 90 5	AKEBIA THERAPEUTICS INC	CALL	
00972D 95 5	AKEBIA THERAPEUTICS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 84

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00972G 10 8	AKARI THERAPEUTICS PLC	SPONSORED ADR	
00973N 10 2 *	AKOUSTIS TECHNOLOGIES INC	COM	
00973N 90 2	AKOUSTIS TECHNOLOGIES INC	CALL	
00973N 95 2	AKOUSTIS TECHNOLOGIES INC	PUT	
00973W 11 0	AKERNA CORP	*W EXP 06/17/202	
00973W 30 0 *	AKERNA CORP	COM NEW	
00973W 90 0	AKERNA CORP	CALL	
00973W 95 0	AKERNA CORP	PUT	
00973Y 10 8 *	AKERO THERAPEUTICS INC	COM	
00973Y 90 8	AKERO THERAPEUTICS INC	CALL	
00973Y 95 8	AKERO THERAPEUTICS INC	PUT	
00974B 10 7 *	AKILI INC	COMMON STOCK	
00974B 90 7	AKILI INC	CALL	
00974B 95 7	AKILI INC	PUT	
00974H 10 4 *	AKOYA BIOSCIENCES INC	COM	
00974H 90 4	AKOYA BIOSCIENCES INC	CALL	
00974H 95 4	AKOYA BIOSCIENCES INC	PUT	
01021X 10 0	AKUMIN INC	COM	
011311 10 7 *	ALAMO GROUP INC	COM	
011311 90 7	ALAMO GROUP INC	CALL	
011311 95 7	ALAMO GROUP INC	PUT	
011532 10 8 *	ALAMOS GOLD INC NEW	COM CL A	
011532 90 8	ALAMOS GOLD INC NEW	CALL	
011532 95 8	ALAMOS GOLD INC NEW	PUT	
011642 AB 1	ALARM COM HLDGS INC	NOTE	1/1
011642 10 5 *	ALARM COM HLDGS INC	COM	
011642 90 5	ALARM COM HLDGS INC	CALL	
011642 95 5	ALARM COM HLDGS INC	PUT	
011659 10 9 *	ALASKA AIR GROUP INC	COM	
011659 90 9	ALASKA AIR GROUP INC	CALL	
011659 95 9	ALASKA AIR GROUP INC	PUT	
012348 10 8 *	ALBANY INTL CORP	CL A	
012348 90 8	ALBANY INTL CORP	CALL	
012348 95 8	ALBANY INTL CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 85

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
012653 10 1 *	ALBEMARLE CORP	COM	
012653 90 1	ALBEMARLE CORP	CALL	
012653 95 1	ALBEMARLE CORP	PUT	
013091 10 3 *	ALBERTSONS COS INC	COMMON STOCK	
013091 90 3	ALBERTSONS COS INC	CALL	
013091 95 3	ALBERTSONS COS INC	PUT	
01345P 10 6 *	ALBIREO PHARMA INC	COM	DELETED
01345P 90 6	ALBIREO PHARMA INC	CALL	DELETED
01345P 95 6	ALBIREO PHARMA INC	PUT	DELETED
013872 10 6 *	ALCOA CORP	COM	
013872 90 6	ALCOA CORP	CALL	
013872 95 6	ALCOA CORP	PUT	
01438T 10 6 *	ALDEYRA THERAPEUTICS INC	COM	
01438T 90 6	ALDEYRA THERAPEUTICS INC	CALL	
01438T 95 6	ALDEYRA THERAPEUTICS INC	PUT	
014442 10 7 *	ALECTOR INC	COM	
014442 90 7	ALECTOR INC	CALL	
014442 95 7	ALECTOR INC	PUT	
01446U 10 3 *	ALERUS FINL CORP	COM	
01446U 90 3	ALERUS FINL CORP	CALL	
01446U 95 3	ALERUS FINL CORP	PUT	
014491 10 4 *	ALEXANDER & BALDWIN INC NEW	COM	
014491 90 4	ALEXANDER & BALDWIN INC NEW	CALL	
014491 95 4	ALEXANDER & BALDWIN INC NEW	PUT	
014752 10 9	ALEXANDERS INC	COM	
015271 10 9 *	ALEXANDRIA REAL ESTATE EQ IN	COM	
015271 90 9	ALEXANDRIA REAL ESTATE EQ IN	CALL	
015271 95 9	ALEXANDRIA REAL ESTATE EQ IN	PUT	
015564 10 7	THE ALGER ETF TRUST	MID CAP 40 ETF	
015564 20 6	THE ALGER ETF TRUST	35 ETF	
015564 30 5	THE ALGER ETF TRUST	WEATHERBIE END	ADDED
015658 10 7 *	ALGOMA STL GROUP INC	COM	
015658 90 7	ALGOMA STL GROUP INC	CALL	
015658 95 7	ALGOMA STL GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 86

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
015658 11 5	ALGOMA STL GROUP INC	*W EXP 10/19/202	
015857 10 5 *	ALGONQUIN PWR UTILS CORP	COM	
015857 90 5	ALGONQUIN PWR UTILS CORP	CALL	
015857 95 5	ALGONQUIN PWR UTILS CORP	PUT	
015857 87 3	ALGONQUIN PWR UTILS CORP	UNIT 06/15/2024	
01609W 10 2 *	ALIBABA GROUP HLDG LTD	SPONSORED ADS	
01609W 90 2	ALIBABA GROUP HLDG LTD	CALL	
01609W 95 2	ALIBABA GROUP HLDG LTD	PUT	
016230 10 4	ALICO INC	COM	
01625V 10 4 *	ALIGNMENT HEALTHCARE INC	COM	
01625V 90 4	ALIGNMENT HEALTHCARE INC	CALL	
01625V 95 4	ALIGNMENT HEALTHCARE INC	PUT	
016255 10 1 *	ALIGN TECHNOLOGY INC	COM	
016255 90 1	ALIGN TECHNOLOGY INC	CALL	
016255 95 1	ALIGN TECHNOLOGY INC	PUT	
016259 20 2	ALIMERA SCIENCES INC	COM NEW	
01626L 10 5 *	ALIGOS THERAPEUTICS INC	COM	
01626L 90 5	ALIGOS THERAPEUTICS INC	CALL	
01626L 95 5	ALIGOS THERAPEUTICS INC	PUT	
01626W 10 1 *	ALIGHT INC	COM CL A	
01626W 90 1	ALIGHT INC	CALL	
01626W 95 1	ALIGHT INC	PUT	
01643A 20 7	ALKALINE WTR CO INC	COM NEW	
01643B 10 6	ALITHYA GROUP INC	CL A SUB VTG	
01644J 10 8 *	ALKAMI TECHNOLOGY INC	COM	
01644J 90 8	ALKAMI TECHNOLOGY INC	CALL	
01644J 95 8	ALKAMI TECHNOLOGY INC	PUT	
01671P 10 0 *	ALLAKOS INC	COM	
01671P 90 0	ALLAKOS INC	CALL	
01671P 95 0	ALLAKOS INC	PUT	
016744 10 4	ALLARITY THERAPEUTICS INC	COMMON STOCK	DELETED
016744 20 3	ALLARITY THERAPEUTICS INC	COM NEW	ADDED
01675A 10 9 *	ALLBIRDS INC	COM CL A	
01675A 90 9	ALLBIRDS INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 87

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
01675A 95 9	ALLBIRDS INC	PUT	
01741R AK 8	ATI INC	NOTE 3.500% 6/1	
01741R 10 2 *	ATI INC	COM	
01741R 90 2	ATI INC	CALL	
01741R 95 2	ATI INC	PUT	
01748X 10 2 *	ALLEGIANT TRAVEL CO	COM	
01748X 90 2	ALLEGIANT TRAVEL CO	CALL	
01748X 95 2	ALLEGIANT TRAVEL CO	PUT	
01749D 10 5 *	ALLEGRO MICROSYSTEMS INC	COM	
01749D 90 5	ALLEGRO MICROSYSTEMS INC	CALL	
01749D 95 5	ALLEGRO MICROSYSTEMS INC	PUT	
018522 30 0 *	ALLETE INC	COM NEW	
018522 90 0	ALLETE INC	CALL	
018522 95 0	ALLETE INC	PUT	
018581 10 8 *	BREAD FINANCIAL HOLDINGS INC	COM	
018581 90 8	BREAD FINANCIAL HOLDINGS INC	CALL	
018581 95 8	BREAD FINANCIAL HOLDINGS INC	PUT	
01864U 10 6	ALLIANCEBERNSTEIN NATL MUN I	COM	
01877R 10 8 *	ALLIANCE RESOURCE PARTNERS L	UT LTD PART	
01877R 90 8	ALLIANCE RESOURCE PARTNERS L	CALL	
01877R 95 8	ALLIANCE RESOURCE PARTNERS L	PUT	
01879R 10 6	ALLIANCEBERNSTEIN GLOBAL HIG	COM	
018802 10 8 *	ALLIANT ENERGY CORP	COM	
018802 90 8	ALLIANT ENERGY CORP	CALL	
018802 95 8	ALLIANT ENERGY CORP	PUT	
01881G 10 6 *	ALLIANCEBERNSTEIN HLDG L P	UNIT LTD PARTN	
01881G 90 6	ALLIANCEBERNSTEIN HLDG L P	CALL	
01881G 95 6	ALLIANCEBERNSTEIN HLDG L P	PUT	
019170 10 9	ALLIED GAMING & ENTRTMNT IN	COM	
019222 20 7	ALLIED HEALTHCARE PRODS INC	COM NEW	DELETED
019330 10 9 *	ALLIED MOTION TECHNOLOGIES I	COM	
019330 90 9	ALLIED MOTION TECHNOLOGIES I	CALL	
019330 95 9	ALLIED MOTION TECHNOLOGIES I	PUT	
01973R 10 1 *	ALLISON TRANSMISSION HLDGS I	COM	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 88

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
01973R 90 1	ALLISON TRANSMISSION HLDGS I	CALL	
01973R 95 1	ALLISON TRANSMISSION HLDGS I	PUT	
019770 10 6 *	ALLOGENE THERAPEUTICS INC	COM	
019770 90 6	ALLOGENE THERAPEUTICS INC	CALL	
019770 95 6	ALLOGENE THERAPEUTICS INC	PUT	
019818 10 3 *	ALLOVIR INC	COM	
019818 90 3	ALLOVIR INC	CALL	
019818 95 3	ALLOVIR INC	PUT	
01988P AF 5	VERADIGM INC	NOTE 0.875% 1/0	
01988P 10 8 *	VERADIGM INC	COM	
01988P 90 8	VERADIGM INC	CALL	
01988P 95 8	VERADIGM INC	PUT	
020002 10 1 *	ALLSTATE CORP	COM	
020002 90 1	ALLSTATE CORP	CALL	
020002 95 1	ALLSTATE CORP	PUT	
02005N 10 0 *	ALLY FINL INC	COM	
02005N 90 0	ALLY FINL INC	CALL	
02005N 95 0	ALLY FINL INC	PUT	
020283 30 5 *	ALMADEN MINERALS LTD	COM CL B	
020283 90 5	ALMADEN MINERALS LTD	CALL	
020283 95 5	ALMADEN MINERALS LTD	PUT	
02043Q 10 7 *	ALNYLAM PHARMACEUTICALS INC	COM	
02043Q 90 7	ALNYLAM PHARMACEUTICALS INC	CALL	
02043Q 95 7	ALNYLAM PHARMACEUTICALS INC	PUT	
02072L 10 2	EA SERIES TRUST	US QUAN VALUE	
02072L 20 1	EA SERIES TRUST	INTL QUAN VALUE	
02072L 30 0	EA SERIES TRUST	INTL QUAN MOMNTM	
02072L 40 9 *	EA SERIES TRUST	US QUAN MOMENTUM	
02072L 90 9	EA SERIES TRUST	CALL	
02072L 95 9	EA SERIES TRUST	PUT	
02072L 50 8	EA SERIES TRUST	VAL MOMTM TRND	
02072L 51 6	EA SERIES TRUST	ALPHA ARCHITECT	ADDED
02072L 53 2	EA SERIES TRUST	EA BRIDGEWAY OMN	ADDED
02072L 56 5	EA SERIES TRUST	ALPHA ARCH 1-3	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 89

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02072L 57 3	EA SERIES TRUST	STRIVE SML CAP	
02072L 58 1	EA SERIES TRUST	STRIVE 1000 DIV	
02072L 59 9	EA SERIES TRUST	STRIVE 1000 VALU	
02072L 60 7	EA SERIES TRUST	FREEDOM 100 EM	
02072L 61 5	EA SERIES TRUST	STRIVE 1000 GRWT	
02072L 63 1	EA SERIES TRUST	ALPHA ARCHITECT	
02072L 64 9	EA SERIES TRUST	BURNEY US FCTR	
02072L 65 6	EA SERIES TRUST	ALTRIOUS GBL DIV	
02072L 67 2	EA SERIES TRUST	STRIVE US SEMICO	
02072L 68 0	EA SERIES TRUST	STRIVE 500 ETF	
02072L 69 8	EA SERIES TRUST	STRIVE EMERGING	ADDED
02072L 70 6	EA SERIES TRUST	MERLYN AI BULL	
02072L 71 4	EA SERIES TRUST	BRIDGEWAY BLUE	
02072L 72 2 *	EA SERIES TRUST	STRIVE US ENERGY	
02072L 90 2	EA SERIES TRUST	CALL	
02072L 95 2	EA SERIES TRUST	PUT	
02072L 73 0	EA SERIES TRUST	AOT GRWT AND INV	
02072L 74 8	EA SERIES TRUST	DISCIPLINE FUND	
02072L 75 5 *	EA SERIES TRUST	VIRIDI BTC MINER	DELETED
02072L 90 5	EA SERIES TRUST	CALL	DELETED
02072L 95 5	EA SERIES TRUST	PUT	DELETED
02072L 76 3	EA SERIES TRUST	GENERATION Z ETF	DELETED
02072L 77 1	EA SERIES TRUST	SPARKLINE INTANG	
02072L 78 9	EA SERIES TRUST	GURU FAV STOCKS	
02072L 81 3	EA SERIES TRUST	RELATIVE SENTIME	
02072L 82 1	EA SERIES TRUST	ROC ETF	
02072L 83 9	EA SERIES TRUST	ARGENT MID CAP	
02072L 84 7	EA SERIES TRUST	FREEDOM DAY	
02072L 85 4	EA SERIES TRUST	UPHOLDINGS COMPN	
02072L 86 2 *	EA SERIES TRUST	MERLYN AI SECTOR	
02072L 90 2	EA SERIES TRUST	CALL	
02072L 95 2	EA SERIES TRUST	PUT	
02072L 87 0	EA SERIES TRUST	GADSDN DYN MLT	
02073F 10 4	ALPHA HEALTHCARE ACQU CORP I	CLASS A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 90

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02073F 11 2	ALPHA HEALTHCARE ACQU CORP I	*W EXP 04/01/202	
02073F 20 3	ALPHA HEALTHCARE ACQU CORP I	UNIT 04/01/2026	
020764 10 6 *	ALPHA METALLURGICAL RESOUR I	COM	
020764 90 6	ALPHA METALLURGICAL RESOUR I	CALL	
020764 95 6	ALPHA METALLURGICAL RESOUR I	PUT	
020772 10 9 *	ALPHA PRO TECH LTD	COM	
020772 90 9	ALPHA PRO TECH LTD	CALL	
020772 95 9	ALPHA PRO TECH LTD	PUT	
02079K 10 7 *	ALPHABET INC	CAP STK CL C	
02079K 90 7	ALPHABET INC	CALL	
02079K 95 7	ALPHABET INC	PUT	
02079K 30 5 *	ALPHABET INC	CAP STK CL A	
02079K 90 5	ALPHABET INC	CALL	
02079K 95 5	ALPHABET INC	PUT	
02080L 10 2	ALPHA TEKNOVA INC	COM	
02081G AB 8	ALPHATEC HLDGS INC	NOTE 0.750% 8/0	
02081G 20 1 *	ALPHATEC HLDGS INC	COM NEW	
02081G 90 1	ALPHATEC HLDGS INC	CALL	
02081G 95 1	ALPHATEC HLDGS INC	PUT	
02083E 10 5 *	ALPINE 4 HOLDINGS INC	CL A	
02083E 90 5	ALPINE 4 HOLDINGS INC	CALL	
02083E 95 5	ALPINE 4 HOLDINGS INC	PUT	
02083G 10 0 *	ALPINE IMMUNE SCIENCES INC	COM	
02083G 90 0	ALPINE IMMUNE SCIENCES INC	CALL	
02083G 95 0	ALPINE IMMUNE SCIENCES INC	PUT	
02083L 10 9	ALPINE ACQUISITION CORPORATI	COM	
02083L 11 7	ALPINE ACQUISITION CORPORATI	*W EXP 05/01/202	
02083L 20 8	ALPINE ACQUISITION CORPORATI	UNIT 05/01/2026	
02083X 10 3 *	ALPINE INCOME PPTY TR INC	COM	
02083X 90 3	ALPINE INCOME PPTY TR INC	CALL	
02083X 95 3	ALPINE INCOME PPTY TR INC	PUT	
021009 10 5	ALPINE SUMMIT ENRGY PRTNRS I	CL A SUB VTG SHS	
02115D 20 8	ALSET INC	COM NEW	
02115M 10 9	ALSET CAPITAL ACQUISITION CO	CLASS A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 91

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02115M 11 7	ALSET CAPITAL ACQUISITION CO	*W EXP 01/31/202	
02115M 12 5	ALSET CAPITAL ACQUISITION CO	RIGHT 01/31/2027	
02115M 20 8	ALSET CAPITAL ACQUISITION CO	UNIT 01/31/2027	
02128L 10 6 *	ALTA EQUIPMENT GROUP INC	COMMON STOCK	
02128L 90 6	ALTA EQUIPMENT GROUP INC	CALL	
02128L 95 6	ALTA EQUIPMENT GROUP INC	PUT	
021369 AA 1	ALTAIR ENGR INC	NOTE 0.250% 6/0	
021369 10 3 *	ALTAIR ENGR INC	COM CL A	
021369 90 3	ALTAIR ENGR INC	CALL	
021369 95 3	ALTAIR ENGR INC	PUT	
021513 10 6 *	ALTO INGREDIENTS INC	COM	
021513 90 6	ALTO INGREDIENTS INC	CALL	
021513 95 6	ALTO INGREDIENTS INC	PUT	
02153X 10 8	ALTISOURCE ASSET MGMT CORP	COM	
02155H 20 0 *	ALTIMMUNE INC	COM NEW	
02155H 90 0	ALTIMMUNE INC	CALL	
02155H 95 0	ALTIMMUNE INC	PUT	
02155X 10 6	ALTERITY THERAPEUTICS LTD	SPONSORED ADR	DELETED
02155X 20 5	ALTERITY THERAPEUTICS LTD	SPONSORED ADS	ADDED
02156B AB 9	ALTERYX INC	NOTE 0.500% 6/0	
02156B AD 5	ALTERYX INC	NOTE 0.500% 8/0	
02156B AF 0	ALTERYX INC	NOTE 1.000% 8/0	
02156B 10 3 *	ALTERYX INC	COM CL A	
02156B 90 3	ALTERYX INC	CALL	
02156B 95 3	ALTERYX INC	PUT	
02156K 10 3 *	ALTICE USA INC	CL A	
02156K 90 3	ALTICE USA INC	CALL	
02156K 95 3	ALTICE USA INC	PUT	
02156U 10 1 *	ATERIAN INC	COM	
02156U 90 1	ATERIAN INC	CALL	
02156U 95 1	ATERIAN INC	PUT	
02156V 10 9	ALTC ACQUISITION CORP	COM CL A	
02156Y 10 3 *	ALTITUDE ACQUISITION CORP	COM CL A	
02156Y 90 3	ALTITUDE ACQUISITION CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 92

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02156Y 95 3	ALTITUDE ACQUISITION CORP	PUT	
02156Y 11 1	ALTITUDE ACQUISITION CORP	*W EXP 11/30/202	
02156Y 20 2	ALTITUDE ACQUISITION CORP	UNIT 11/30/2027	
02157M 10 8	ALTENERGY ACQUISITION CORP	COM CL A	
02157M 11 6	ALTENERGY ACQUISITION CORP	*W EXP 10/29/202	
02157M 20 7	ALTENERGY ACQUISITION CORP	UNIT 10/29/2026	
02208R 10 6 *	ALTRA INDL MOTION CORP	COM	DELETED
02208R 90 6	ALTRA INDL MOTION CORP	CALL	DELETED
02208R 95 6	ALTRA INDL MOTION CORP	PUT	DELETED
02209S 10 3 *	ALTRIA GROUP INC	COM	
02209S 90 3	ALTRIA GROUP INC	CALL	
02209S 95 3	ALTRIA GROUP INC	PUT	
02210T 10 8	ALTSHARES TRUST	MERGER ARBITRAGE	
02210T 20 7	ALTSHARES TRUST	EVENT-DRIVEN ETF	
02215L 20 9 *	KINETIK HOLDINGS INC	COM NEW CL A	
02215L 90 9	KINETIK HOLDINGS INC	CALL	
02215L 95 9	KINETIK HOLDINGS INC	PUT	
02217A 10 2 *	ALTUS POWER INC	COM CL A	
02217A 90 2	ALTUS POWER INC	CALL	
02217A 95 2	ALTUS POWER INC	PUT	
02237A 10 8	ALVARIUM TIEDEMANN HLDNGS IN	COM CL A	ADDED
02237A 11 6	ALVARIUM TIEDEMANN HLDNGS IN	*W EXP 01/03/202	ADDED
02262M 30 8 *	ALZAMEND NEURO INC	COM NEW	
02262M 90 8	ALZAMEND NEURO INC	CALL	
02262M 95 8	ALZAMEND NEURO INC	PUT	
022671 10 1 *	AMALGAMATED FINANCIAL CORP	COM	
022671 90 1	AMALGAMATED FINANCIAL CORP	CALL	
022671 95 1	AMALGAMATED FINANCIAL CORP	PUT	
02290A 10 2 *	AMBRX BIOPHARMA INC	SPONSORED ADS	
02290A 90 2	AMBRX BIOPHARMA INC	CALL	
02290A 95 2	AMBRX BIOPHARMA INC	PUT	
023111 20 6 *	AMARIN CORP PLC	SPONS ADR NEW	
023111 90 6	AMARIN CORP PLC	CALL	
023111 95 6	AMARIN CORP PLC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 93

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
023135 10 6 *	AMAZON COM INC	COM	
023135 90 6	AMAZON COM INC	CALL	
023135 95 6	AMAZON COM INC	PUT	
023139 11 6	AMBAC FINL GROUP INC	*W EXP 04/30/202	
023139 88 4 *	AMBAC FINL GROUP INC	COM NEW	
023139 90 4	AMBAC FINL GROUP INC	CALL	
023139 95 4	AMBAC FINL GROUP INC	PUT	
02319V 10 3 *	AMBEV SA	SPONSORED ADR	
02319V 90 3	AMBEV SA	CALL	
02319V 95 3	AMBEV SA	PUT	
02322P 20 0	AMBOW ED HLDG LTD	SPONSORED ADS	
02341Q 20 5	AMCON DISTRG CO	COM NEW	
023436 10 8 *	AMEDISYS INC	COM	
023436 90 8	AMEDISYS INC	CALL	
023436 95 8	AMEDISYS INC	PUT	
023576 10 1 *	AMERANT BANCORP INC	CL A	
023576 90 1	AMERANT BANCORP INC	CALL	
023576 95 1	AMERANT BANCORP INC	PUT	
023586 10 0 *	U HAUL HOLDING COMPANY	COM	
023586 90 0	U HAUL HOLDING COMPANY	CALL	
023586 95 0	U HAUL HOLDING COMPANY	PUT	
023586 50 6 *	U HAUL HOLDING COMPANY	COM SER N	
023586 90 6	U HAUL HOLDING COMPANY	CALL	
023586 95 6	U HAUL HOLDING COMPANY	PUT	
023608 10 2 *	AMEREN CORP	COM	
023608 90 2	AMEREN CORP	CALL	
023608 95 2	AMEREN CORP	PUT	
02361E 10 8 *	AMERESCO INC	CL A	
02361E 90 8	AMERESCO INC	CALL	
02361E 95 8	AMERESCO INC	PUT	
02364V 20 6 *	GREYSTONE HOUSING IMPACT INV	BEN UNIT CTF	
02364V 90 6	GREYSTONE HOUSING IMPACT INV	CALL	
02364V 95 6	GREYSTONE HOUSING IMPACT INV	PUT	
02364W 10 5 *	AMERICA MOVIL SAB DE CV	SPON ADR L SHS	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 94

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02364W 90 5	AMERICA MOVIL SAB DE CV	CALL	DELETED
02364W 95 5	AMERICA MOVIL SAB DE CV	PUT	DELETED
02364W 20 4	AMERICA MOVIL SAB DE CV	SPONSORED ADR	DELETED
02369M 10 2	AMERICAN ACQUISITION OPPT IN	CLASS A COM	
02369M 11 0	AMERICAN ACQUISITION OPPT IN	*W EXP 05/28/202	
02369M 20 1	AMERICAN ACQUISITION OPPT IN	UNIT 05/28/2026	
02376R AF 9	AMERICAN AIRLINES GROUP INC	NOTE 6.500% 7/0	
02376R 10 2 *	AMERICAN AIRLS GROUP INC	COM	
02376R 90 2	AMERICAN AIRLS GROUP INC	CALL	
02376R 95 2	AMERICAN AIRLS GROUP INC	PUT	
02390A 10 1 *	AMERICA MOVIL SAB DE CV	SPON ADS RP CL B	ADDED
02390A 90 1	AMERICA MOVIL SAB DE CV	CALL	ADDED
02390A 95 1	AMERICA MOVIL SAB DE CV	PUT	ADDED
024013 10 4 *	AMERICAN ASSETS TR INC	COM	
024013 90 4	AMERICAN ASSETS TR INC	CALL	
024013 95 4	AMERICAN ASSETS TR INC	PUT	
024061 10 3 *	AMERICAN AXLE & MFG HLDGS IN	COM	
024061 90 3	AMERICAN AXLE & MFG HLDGS IN	CALL	
024061 95 3	AMERICAN AXLE & MFG HLDGS IN	PUT	
025072 10 9	AMERICAN CENTY ETF TR	DIVERSIFID CRP	
025072 20 8 *	AMERICAN CENTY ETF TR	STOXX US QUALT	
025072 90 8	AMERICAN CENTY ETF TR	CALL	
025072 95 8	AMERICAN CENTY ETF TR	PUT	
025072 22 4	AMERICAN CENTY ETF TR	MULTISECTOR FLOA	ADDED
025072 23 2	AMERICAN CENTY ETF TR	AVANTIS ALL EQT	
025072 24 0	AMERICAN CENTY ETF TR	AVANTIS INFLATIN	
025072 25 7	AMERICAN CENTY ETF TR	SHORT DURTN STRG	
025072 28 1	AMERICAN CENTY ETF TR	AVANTIS RESPON U	
025072 29 9	AMERICAN CENTY ETF TR	AVANTIS RESPONSI	
025072 30 7	AMERICAN CENTY ETF TR	STOXX US QLTY	
025072 31 5	AMERICAN CENTY ETF TR	AVANTIS RESPONSI	
025072 32 3	AMERICAN CENTY ETF TR	AVANTIS US SMALL	
025072 33 1	AMERICAN CENTY ETF TR	SELECT HIGH YIEL	
025072 34 9 *	AMERICAN CENTY ETF TR	US LARGE CAP VLU	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 95

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
025072 90 9	AMERICAN CENY ETF TR	CALL	
025072 95 9	AMERICAN CENY ETF TR	PUT	
025072 35 6 *	AMERICAN CENY ETF TR	REAL ESTATE ETF	
025072 90 6	AMERICAN CENY ETF TR	CALL	
025072 95 6	AMERICAN CENY ETF TR	PUT	
025072 36 4	AMERICAN CENY ETF TR	INTERNATIONAL LR	
025072 37 2	AMERICAN CENY ETF TR	EMERGING MKT VAL	
025072 38 0	AMERICAN CENY ETF TR	SUSTAINABLE GRWT	
025072 39 8	AMERICAN CENY ETF TR	MULTISECTOR	
025072 40 6	AMERICAN CENY ETF TR	QUALITY DIVRSFED	
025072 41 4	AMERICAN CENY ETF TR	EMERGING MARKETS	
025072 50 5	AMERICAN CENY ETF TR	DIVERSIFIED MU	
025072 51 3	AMERICAN CENY ETF TR	LOW VOLATILITY	
025072 52 1	AMERICAN CENY ETF TR	QUALITY CONVER	
025072 53 9	AMERICAN CENY ETF TR	QUALITY PREFER	
025072 56 2	AMERICAN CENY ETF TR	AVANTIS CORE FI	
025072 60 4 *	AMERICAN CENY ETF TR	AVANTIS EMGMKT	
025072 90 4	AMERICAN CENY ETF TR	CALL	
025072 95 4	AMERICAN CENY ETF TR	PUT	
025072 68 7	AMERICAN CENY ETF TR	AVANTIS SHFXDINC	
025072 69 5	AMERICAN CENY ETF TR	CORE MUNI FXD IN	
025072 70 3 *	AMERICAN CENY ETF TR	INTL EQT ETF	
025072 90 3	AMERICAN CENY ETF TR	CALL	
025072 95 3	AMERICAN CENY ETF TR	PUT	
025072 75 2	AMERICAN CENY ETF TR	SUSTAINABLE EQTY	
025072 76 0	AMERICAN CENY ETF TR	MID CAP GRW IMP	
025072 79 4	AMERICAN CENY ETF TR	FOCUSED LRG CAP	
025072 80 2 *	AMERICAN CENY ETF TR	INTL SMCP VLU	
025072 90 2	AMERICAN CENY ETF TR	CALL	
025072 95 2	AMERICAN CENY ETF TR	PUT	
025072 81 0	AMERICAN CENY ETF TR	FOCUSED DYNAMIC	
025072 87 7 *	AMERICAN CENY ETF TR	US SML CP VALU	
025072 90 7	AMERICAN CENY ETF TR	CALL	
025072 95 7	AMERICAN CENY ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 96

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
025072 88 5 *	AMERICAN CENTY ETF TR	US EQT ETF	
025072 90 5	AMERICAN CENTY ETF TR	CALL	
025072 95 5	AMERICAN CENTY ETF TR	PUT	
02553E AB 2	AMERICAN EAGLE OUTFITTERS IN	NOTE 3.750% 4/1	
02553E 10 6 *	AMERICAN EAGLE OUTFITTERS IN	COM	
02553E 90 6	AMERICAN EAGLE OUTFITTERS IN	CALL	
02553E 95 6	AMERICAN EAGLE OUTFITTERS IN	PUT	
025537 10 1 *	AMERICAN ELEC PWR CO INC	COM	
025537 90 1	AMERICAN ELEC PWR CO INC	CALL	
025537 95 1	AMERICAN ELEC PWR CO INC	PUT	
025537 12 7	AMERICAN ELEC PWR CO INC	UNIT 08/01/2021	
02557T 30 7	AMERICAN ELEC PWR CO INC	UNIT 08/15/2023	
025676 20 6 *	AMERICAN EQTY INVT LIFE HLD	COM	
025676 90 6	AMERICAN EQTY INVT LIFE HLD	CALL	
025676 95 6	AMERICAN EQTY INVT LIFE HLD	PUT	
025816 10 9 *	AMERICAN EXPRESS CO	COM	
025816 90 9	AMERICAN EXPRESS CO	CALL	
025816 95 9	AMERICAN EXPRESS CO	PUT	
025932 10 4 *	AMERICAN FINL GROUP INC OHIO	COM	
025932 90 4	AMERICAN FINL GROUP INC OHIO	CALL	
025932 95 4	AMERICAN FINL GROUP INC OHIO	PUT	
02607T 10 9 *	THE NECESSITY RETAIL REIT IN	COM CLASS A	
02607T 90 9	THE NECESSITY RETAIL REIT IN	CALL	
02607T 95 9	THE NECESSITY RETAIL REIT IN	PUT	
02665T 30 6 *	AMERICAN HOMES 4 RENT	CL A	
02665T 90 6	AMERICAN HOMES 4 RENT	CALL	
02665T 95 6	AMERICAN HOMES 4 RENT	PUT	
026874 78 4 *	AMERICAN INTL GROUP INC	COM NEW	
026874 90 4	AMERICAN INTL GROUP INC	CALL	
026874 95 4	AMERICAN INTL GROUP INC	PUT	
027259 20 9	AMERICAN LITHIUM CORP	COM NEW	ADDED
027745 10 8 *	AMERICAN NATL BANKSHARES INC	COM	
027745 90 8	AMERICAN NATL BANKSHARES INC	CALL	
027745 95 8	AMERICAN NATL BANKSHARES INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 97

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02875D 10 9 *	AMERICAN OUTDOOR BRANDS INC	COM	
02875D 90 9	AMERICAN OUTDOOR BRANDS INC	CALL	
02875D 95 9	AMERICAN OUTDOOR BRANDS INC	PUT	
02913V 10 3 *	AMERICAN PUB ED INC	COM	
02913V 90 3	AMERICAN PUB ED INC	CALL	
02913V 95 3	AMERICAN PUB ED INC	PUT	
029174 10 9	AMERICAN RLTY INVS INC	COM	
02919L 11 7	AMERICAN REBEL HOLDINGS INC	*W EXP 01/20/202	
02919L 20 8	AMERICAN REBEL HOLDINGS INC	COM	
02927U 20 8 *	AMERICAN RES CORP	CL A	
02927U 90 8	AMERICAN RES CORP	CALL	
02927U 95 8	AMERICAN RES CORP	PUT	
029595 10 5	AMERICAN SHARED HOSPITAL SVC	COM	
029683 10 9 *	AMER SOFTWARE INC	CL A	
029683 90 9	AMER SOFTWARE INC	CALL	
029683 95 9	AMER SOFTWARE INC	PUT	
029899 10 1 *	AMER STATES WTR CO	COM	
029899 90 1	AMER STATES WTR CO	CALL	
029899 95 1	AMER STATES WTR CO	PUT	
030111 20 7 *	AMERICAN SUPERCONDUCTOR CORP	SHS NEW	
030111 90 7	AMERICAN SUPERCONDUCTOR CORP	CALL	
030111 95 7	AMERICAN SUPERCONDUCTOR CORP	PUT	
03027X 10 0 *	AMERICAN TOWER CORP NEW	COM	
03027X 90 0	AMERICAN TOWER CORP NEW	CALL	
03027X 95 0	AMERICAN TOWER CORP NEW	PUT	
030371 10 8 *	AMERICAN VANGUARD CORP	COM	
030371 90 8	AMERICAN VANGUARD CORP	CALL	
030371 95 8	AMERICAN VANGUARD CORP	PUT	
030382 11 3	AMERICAN VRTUAL CLOUD TECH I	*W EXP 04/07/202	DELETED
030382 20 4 *	AMERICAN VRTUAL CLOUD TECH I	COM NEW	DELETED
030382 90 4	AMERICAN VRTUAL CLOUD TECH I	CALL	DELETED
030382 95 4	AMERICAN VRTUAL CLOUD TECH I	PUT	DELETED
030420 10 3 *	AMERICAN WTR WKS CO INC NEW	COM	
030420 90 3	AMERICAN WTR WKS CO INC NEW	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 98

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
030420 95 3	AMERICAN WTR WKS CO INC NEW	PUT	
03044L 10 5 *	AMERICAN WELL CORP	CL A	
03044L 90 5	AMERICAN WELL CORP	CALL	
03044L 95 5	AMERICAN WELL CORP	PUT	
030506 10 9 *	AMERICAN WOODMARK CORPORATIO	COM	
030506 90 9	AMERICAN WOODMARK CORPORATIO	CALL	
030506 95 9	AMERICAN WOODMARK CORPORATIO	PUT	
03062D 10 0	AMERICAS GOLD AND SILVER COR	COM	
03062T 10 5 *	AMERICAS CAR-MART INC	COM	
03062T 90 5	AMERICAS CAR-MART INC	CALL	
03062T 95 5	AMERICAS CAR-MART INC	PUT	
03064D 10 8 *	AMERICOLD REALTY TRUST INC	COM	
03064D 90 8	AMERICOLD REALTY TRUST INC	CALL	
03064D 95 8	AMERICOLD REALTY TRUST INC	PUT	
03071H 10 0 *	AMERISAFE INC	COM	
03071H 90 0	AMERISAFE INC	CALL	
03071H 95 0	AMERISAFE INC	PUT	
03073E 10 5 *	AMERISOURCEBERGEN CORP	COM	
03073E 90 5	AMERISOURCEBERGEN CORP	CALL	
03073E 95 5	AMERISOURCEBERGEN CORP	PUT	
03074A 10 2 *	AMERISERV FINL INC	COM	
03074A 90 2	AMERISERV FINL INC	CALL	
03074A 95 2	AMERISERV FINL INC	PUT	
03076C 10 6 *	AMERIPRISE FINL INC	COM	
03076C 90 6	AMERIPRISE FINL INC	CALL	
03076C 95 6	AMERIPRISE FINL INC	PUT	
03076K 10 8 *	AMERIS BANCORP	COM	
03076K 90 8	AMERIS BANCORP	CALL	
03076K 95 8	AMERIS BANCORP	PUT	
031001 10 0 *	AMES NATL CORP	COM	
031001 90 0	AMES NATL CORP	CALL	
031001 95 0	AMES NATL CORP	PUT	
031094 10 5	AMESITE INC	COM	DELETED
031094 20 4	AMESITE INC	COM NEW	ADDED

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 99

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
031100 10 0 *	AMETEK INC	COM	
031100 90 0	AMETEK INC	CALL	
031100 95 0	AMETEK INC	PUT	
031162 10 0 *	AMGEN INC	COM	
031162 90 0	AMGEN INC	CALL	
031162 95 0	AMGEN INC	PUT	
03152W AB 5	AMICUS THERAPEUTIC	NOTE 3.000%12/1	
03152W 10 9 *	AMICUS THERAPEUTICS INC	COM	
03152W 90 9	AMICUS THERAPEUTICS INC	CALL	
03152W 95 9	AMICUS THERAPEUTICS INC	PUT	
031652 10 0 *	AMKOR TECHNOLOGY INC	COM	
031652 90 0	AMKOR TECHNOLOGY INC	CALL	
031652 95 0	AMKOR TECHNOLOGY INC	PUT	
03168L 10 5 *	AMNEAL PHARMACEUTICALS INC	COM STK CL A	
03168L 90 5	AMNEAL PHARMACEUTICALS INC	CALL	
03168L 95 5	AMNEAL PHARMACEUTICALS INC	PUT	
032037 10 3 *	AMPCO-PITTSBURG CORP	COM	
032037 90 3	AMPCO-PITTSBURG CORP	CALL	
032037 95 3	AMPCO-PITTSBURG CORP	PUT	
032037 11 1	AMPCO-PITTSBURG CORP	*W EXP 08/01/202	
03209R 10 3 *	AMPHASTAR PHARMACEUTICALS IN	COM	
03209R 90 3	AMPHASTAR PHARMACEUTICALS IN	CALL	
03209R 95 3	AMPHASTAR PHARMACEUTICALS IN	PUT	
03209T 20 8 *	AMPIO PHARMACEUTICALS INC	COM NEW	
03209T 90 8	AMPIO PHARMACEUTICALS INC	CALL	
03209T 95 8	AMPIO PHARMACEUTICALS INC	PUT	
032095 10 1 *	AMPHENOL CORP NEW	CL A	
032095 90 1	AMPHENOL CORP NEW	CALL	
032095 95 1	AMPHENOL CORP NEW	PUT	
032108 10 2 *	AMPLIFY ETF TR	ONLIN RETL ETF	
032108 90 2	AMPLIFY ETF TR	CALL	
032108 95 2	AMPLIFY ETF TR	PUT	
032108 40 9 *	AMPLIFY ETF TR	CWP ENHANCED DIV	
032108 90 9	AMPLIFY ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 100

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
032108 95 9	AMPLIFY ETF TR	PUT	
032108 60 7 *	AMPLIFY ETF TR	BLOCKCHAIN LDR	
032108 90 7	AMPLIFY ETF TR	CALL	
032108 95 7	AMPLIFY ETF TR	PUT	
032108 72 2	AMPLIFY ETF TR	INTERNATINL ENHC	
032108 73 0	AMPLIFY ETF TR	NAT RES DIVIDEND	
032108 74 8 *	AMPLIFY ETF TR	INFLATION FIGHTE	
032108 90 8	AMPLIFY ETF TR	CALL	
032108 95 8	AMPLIFY ETF TR	PUT	
032108 75 5	AMPLIFY ETF TR	BLACKSWAN TECH	
032108 77 1	AMPLIFY ETF TR	DIGITAL & ONLINE	
032108 79 7 *	AMPLIFY ETF TR	THEMATIC ALL STR	
032108 90 7	AMPLIFY ETF TR	CALL	
032108 95 7	AMPLIFY ETF TR	PUT	
032108 80 5 *	AMPLIFY ETF TR	AMPLIFY LITHIUM	
032108 90 5	AMPLIFY ETF TR	CALL	
032108 95 5	AMPLIFY ETF TR	PUT	
032108 82 1	AMPLIFY ETF TR	BLACKSWAN ISWN	
032108 84 7 *	AMPLIFY ETF TR	HIGH INCOME	
032108 90 7	AMPLIFY ETF TR	CALL	
032108 95 7	AMPLIFY ETF TR	PUT	
032108 85 4 *	AMPLIFY ETF TR	SEYMOUR CANNBS	
032108 90 4	AMPLIFY ETF TR	CALL	
032108 95 4	AMPLIFY ETF TR	PUT	
032108 87 0 *	AMPLIFY ETF TR	AMPLIFY EMERGING	
032108 90 0	AMPLIFY ETF TR	CALL	
032108 95 0	AMPLIFY ETF TR	PUT	
032108 88 8 *	AMPLIFY ETF TR	BLACKSWAN GRWT	
032108 90 8	AMPLIFY ETF TR	CALL	
032108 95 8	AMPLIFY ETF TR	PUT	
03211Q 11 9	AMPLITECH GROUP INC	*W EXP 02/26/202	
03211Q 20 0	AMPLITECH GROUP INC	COM NEW	
03212B 10 3 *	AMPLIFY ENERGY CORP NEW	COM	
03212B 90 3	AMPLIFY ENERGY CORP NEW	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 101

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03212B 95 3	AMPLIFY ENERGY CORP NEW	PUT	
03213A 10 4 *	AMPLITUDE INC	COM CL A	
03213A 90 4	AMPLITUDE INC	CALL	
03213A 95 4	AMPLITUDE INC	PUT	
03214Q 10 8 *	AMPRIUS TECHNOLOGIES INC	COMMON STOCK	
03214Q 90 8	AMPRIUS TECHNOLOGIES INC	CALL	
03214Q 95 8	AMPRIUS TECHNOLOGIES INC	PUT	
03214Q 11 6	AMPRIUS TECHNOLOGIES INC	*W EXP 09/14/202	
032159 10 5	AMREP CORP	COM	
03217L 10 6 *	AMRYT PHARMA PLC	SPONSORED ADS	
03217L 90 6	AMRYT PHARMA PLC	CALL	
03217L 95 6	AMRYT PHARMA PLC	PUT	
032332 50 4 *	AMTECH SYS INC	COM PAR \$0.01N	
032332 90 4	AMTECH SYS INC	CALL	
032332 95 4	AMTECH SYS INC	PUT	
03236M AJ 0	AMYRIS INC	NOTE 1.500%11/1	
03236M 20 0 *	AMYRIS INC	COM NEW	
03236M 90 0	AMYRIS INC	CALL	
03236M 95 0	AMYRIS INC	PUT	
03237H 10 1 *	AMYLYX PHARMACEUTICALS INC	COM	
03237H 90 1	AMYLYX PHARMACEUTICALS INC	CALL	
03237H 95 1	AMYLYX PHARMACEUTICALS INC	PUT	
032654 10 5 *	ANALOG DEVICES INC	COM	
032654 90 5	ANALOG DEVICES INC	CALL	
032654 95 5	ANALOG DEVICES INC	PUT	
032724 10 6 *	ANAPTYSBIO INC	COM	
032724 90 6	ANAPTYSBIO INC	CALL	
032724 95 6	ANAPTYSBIO INC	PUT	
032797 30 0 *	ANAVEX LIFE SCIENCES CORP	COM NEW	
032797 90 0	ANAVEX LIFE SCIENCES CORP	CALL	
032797 95 0	ANAVEX LIFE SCIENCES CORP	PUT	
034164 10 3 *	ANDERSONS INC	COM	
034164 90 3	ANDERSONS INC	CALL	
034164 95 3	ANDERSONS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 102

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
034569 10 3	ANEBULO PHARMACEUTICALS INC	COM	
03463K 75 2	ANGEL OAK FUNDS TRUST	OAK ULTRASHORT	
03463K 76 0	ANGEL OAK FUNDS TRUST	INCOME ETF	
03464A 10 0	ANGEL OAK FINL STRATEGIES IN	COM BEN INT	
03464Y 10 8	ANGEL OAK MORTGAGE REIT INC	COM	
03475V 10 1 *	ANGIODYNAMICS INC	COM	
03475V 90 1	ANGIODYNAMICS INC	CALL	
03475V 95 1	ANGIODYNAMICS INC	PUT	
03476J 10 7	ANGION BIOMEDICA CORP	COM	
035128 20 6 *	ANGLOGOLD ASHANTI LIMITED	SPONSORED ADR	
035128 90 6	ANGLOGOLD ASHANTI LIMITED	CALL	
035128 95 6	ANGLOGOLD ASHANTI LIMITED	PUT	
03524A 10 8 *	ANHEUSER BUSCH INBEV SA/NV	SPONSORED ADR	
03524A 90 8	ANHEUSER BUSCH INBEV SA/NV	CALL	
03524A 95 8	ANHEUSER BUSCH INBEV SA/NV	PUT	
035255 10 8 *	ANIKA THERAPEUTICS INC	COM	
035255 90 8	ANIKA THERAPEUTICS INC	CALL	
035255 95 8	ANIKA THERAPEUTICS INC	PUT	
03528H 10 9 *	ANIXA BIOSCIENCES INC	COM	
03528H 90 9	ANIXA BIOSCIENCES INC	CALL	
03528H 95 9	ANIXA BIOSCIENCES INC	PUT	
035710 83 9 *	ANNALY CAPITAL MANAGEMENT IN	COM NEW	
035710 90 9	ANNALY CAPITAL MANAGEMENT IN	CALL	
035710 95 9	ANNALY CAPITAL MANAGEMENT IN	PUT	
03589W 10 2 *	ANNEXON INC	COM	
03589W 90 2	ANNEXON INC	CALL	
03589W 95 2	ANNEXON INC	PUT	
03615A 10 8	ANNOVIS BIO INC	COM	
03635R 20 6 *	ANPAC BIO MED SCIENCE CO LTD	SPONSORED ADS	
03635R 90 6	ANPAC BIO MED SCIENCE CO LTD	CALL	
03635R 95 6	ANPAC BIO MED SCIENCE CO LTD	PUT	
03662Q 10 5 *	ANSYS INC	COM	
03662Q 90 5	ANSYS INC	CALL	
03662Q 95 5	ANSYS INC	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 103

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03674X AM 8	ANTERO RESOURCES CORP	NOTE 4.250% 9/0	
03674X 10 6 *	ANTERO RESOURCES CORP	COM	
03674X 90 6	ANTERO RESOURCES CORP	CALL	
03674X 95 6	ANTERO RESOURCES CORP	PUT	
036752 10 3 *	ELEVANCE HEALTH INC	COM	
036752 90 3	ELEVANCE HEALTH INC	CALL	
036752 95 3	ELEVANCE HEALTH INC	PUT	
03676B 10 2 *	ANTERO MIDSTREAM CORP	COM	
03676B 90 2	ANTERO MIDSTREAM CORP	CALL	
03676B 95 2	ANTERO MIDSTREAM CORP	PUT	
03676C 10 0 *	ANTERIX INC	COM	
03676C 90 0	ANTERIX INC	CALL	
03676C 95 0	ANTERIX INC	PUT	
037326 10 5	AN2 THERAPEUTICS INC	COM	
03737A 10 1	ANZU SPECIAL ACQUISITIN CORP	COM CL A	
03737A 11 9	ANZU SPECIAL ACQUISITIN CORP	*W EXP 01/27/202	
03737A 20 0	ANZU SPECIAL ACQUISITIN CORP	UNIT 01/27/2026	
03743Q 10 8 *	APA CORPORATION	COM	
03743Q 90 8	APA CORPORATION	CALL	
03743Q 95 8	APA CORPORATION	PUT	
03748R 74 7 *	APARTMENT INVT & MGMT CO	CL A	
03748R 90 7	APARTMENT INVT & MGMT CO	CALL	
03748R 95 7	APARTMENT INVT & MGMT CO	PUT	
03750L 10 9 *	APARTMENT INCOME REIT CORP	COM	
03750L 90 9	APARTMENT INCOME REIT CORP	CALL	
03750L 95 9	APARTMENT INCOME REIT CORP	PUT	
03752A 10 1	APEIRON CAPITAL INVEST CORP	CL A COM	DELETED
03752A 11 9	APEIRON CAPITAL INVEST CORP	*W EXP 04/02/202	DELETED
03752A 20 0	APEIRON CAPITAL INVEST CORP	UNIT 99/99/9999	DELETED
03753U AB 2	APELLIS PHARMACEUTICALS INC	NOTE 3.500% 9/1	
03753U 10 6 *	APELLIS PHARMACEUTICALS INC	COM	
03753U 90 6	APELLIS PHARMACEUTICALS INC	CALL	
03753U 95 6	APELLIS PHARMACEUTICALS INC	PUT	
03759B 10 2 *	APEXIGEN INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 104

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03759B 90 2	APEXIGEN INC	CALL	
03759B 95 2	APEXIGEN INC	PUT	
03759B 11 0	APEXIGEN INC	*W EXP 07/29/202	
037598 10 9 *	APOGEE ENTERPRISES INC	COM	
037598 90 9	APOGEE ENTERPRISES INC	CALL	
037598 95 9	APOGEE ENTERPRISES INC	PUT	
03761U 50 2 *	MIDCAP FINANCIAL INVSTMNT CO	COM NEW	
03761U 90 2	MIDCAP FINANCIAL INVSTMNT CO	CALL	
03761U 95 2	MIDCAP FINANCIAL INVSTMNT CO	PUT	
03762U AC 9	APOLLO COML REAL ESTATE FIN	NOTE 5.375%10/1	
03762U 10 5 *	APOLLO COML REAL EST FIN INC	COM	
03762U 90 5	APOLLO COML REAL EST FIN INC	CALL	
03762U 95 5	APOLLO COML REAL EST FIN INC	PUT	
03763A 20 7 *	APOLLO MED HLDGS INC	COM NEW	
03763A 90 7	APOLLO MED HLDGS INC	CALL	
03763A 95 7	APOLLO MED HLDGS INC	PUT	
037636 10 7	APOLLO SR FLOATING RATE FD I	COM	
037638 10 3	APOLLO TACTICAL INCOME FD IN	COM	
03767D 10 8 *	APOLLO ENDOSURGERY INC	COM	
03767D 90 8	APOLLO ENDOSURGERY INC	CALL	
03767D 95 8	APOLLO ENDOSURGERY INC	PUT	
03769M 10 6 *	APOLLO GLOBAL MGMT INC	COM	
03769M 90 6	APOLLO GLOBAL MGMT INC	CALL	
03769M 95 6	APOLLO GLOBAL MGMT INC	PUT	
03782L 10 1 *	APPIAN CORP	CL A	
03782L 90 1	APPIAN CORP	CALL	
03782L 95 1	APPIAN CORP	PUT	
03783C 10 0 *	APPFOLIO INC	COM CL A	
03783C 90 0	APPFOLIO INC	CALL	
03783C 95 0	APPFOLIO INC	PUT	
03783T 10 3 *	APPHARVEST INC	COM	
03783T 90 3	APPHARVEST INC	CALL	
03783T 95 3	APPHARVEST INC	PUT	
03783T 11 1	APPHARVEST INC	*W EXP 01/29/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 105

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
037833 10 0 *	APPLE INC	COM	
037833 90 0	APPLE INC	CALL	
037833 95 0	APPLE INC	PUT	
03784Y 20 0 *	APPLE HOSPITALITY REIT INC	COM NEW	
03784Y 90 0	APPLE HOSPITALITY REIT INC	CALL	
03784Y 95 0	APPLE HOSPITALITY REIT INC	PUT	
03815U 30 0 *	APPLIED DNA SCIENCES INC	COM	
03815U 90 0	APPLIED DNA SCIENCES INC	CALL	
03815U 95 0	APPLIED DNA SCIENCES INC	PUT	
038169 20 7	APPLIED DIGITAL CORP	COM NEW	
03820C 10 5 *	APPLIED INDL TECHNOLOGIES IN	COM	
03820C 90 5	APPLIED INDL TECHNOLOGIES IN	CALL	
03820C 95 5	APPLIED INDL TECHNOLOGIES IN	PUT	
038222 10 5 *	APPLIED MATLS INC	COM	
038222 90 5	APPLIED MATLS INC	CALL	
038222 95 5	APPLIED MATLS INC	PUT	
03823U AB 8	APPLIED OPTOELECTRONICS INC	NOTE 5.000% 3/1	
03823U 10 2 *	APPLIED OPTOELECTRONICS INC	COM	
03823U 90 2	APPLIED OPTOELECTRONICS INC	CALL	
03823U 95 2	APPLIED OPTOELECTRONICS INC	PUT	
03824M 10 9 *	APPLIED MOLECULAR TRANS INC	COM	
03824M 90 9	APPLIED MOLECULAR TRANS INC	CALL	
03824M 95 9	APPLIED MOLECULAR TRANS INC	PUT	
03828A 10 1 *	APPLIED THERAPEUTICS INC	COM	
03828A 90 1	APPLIED THERAPEUTICS INC	CALL	
03828A 95 1	APPLIED THERAPEUTICS INC	PUT	
03828V 10 5	APPLIED UV INC	COM	
03831W 10 8 *	APPLOVIN CORP	COM CL A	
03831W 90 8	APPLOVIN CORP	CALL	
03831W 95 8	APPLOVIN CORP	PUT	
03832J 10 6	APPRECIATE HOLDINGS INC	CLASS A COM	
03832J 11 4	APPRECIATE HOLDINGS INC	*W EXP 11/29/202	
038336 10 3 *	APTARGROUP INC	COM	
038336 90 3	APTARGROUP INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 106

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
038336 95 3	APTARGROUP INC	PUT	
03834B 12 7	APPTECH PMTS CORP	*W EXP 01/04/202	
03834B 30 9	APPTECH PMTS CORP	COM	
03835L 20 7	APTEVO THERAPEUTICS INC	COM NEW	
03835T 20 0 *	APTOSE BIOSCIENCES INC	COM NEW	
03835T 90 0	APTOSE BIOSCIENCES INC	CALL	
03835T 95 0	APTOSE BIOSCIENCES INC	PUT	
03836J 10 2 *	APREA THERAPEUTICS INC	COM	DELETED
03836J 90 2	APREA THERAPEUTICS INC	CALL	DELETED
03836J 95 2	APREA THERAPEUTICS INC	PUT	DELETED
03836J 20 1 *	APREA THERAPEUTICS INC	COM NEW	ADDED
03836J 90 1	APREA THERAPEUTICS INC	CALL	ADDED
03836J 95 1	APREA THERAPEUTICS INC	PUT	ADDED
03836N 10 3 *	APTINYX INC	COM	
03836N 90 3	APTINYX INC	CALL	
03836N 95 3	APTINYX INC	PUT	
03837C 10 6 *	APYX MEDICAL CORPORATION	COM	
03837C 90 6	APYX MEDICAL CORPORATION	CALL	
03837C 95 6	APYX MEDICAL CORPORATION	PUT	
03837J 10 1 *	AQUA METALS INC	COM	
03837J 90 1	AQUA METALS INC	CALL	
03837J 95 1	AQUA METALS INC	PUT	
03842K 20 0 *	AQUABOUTY TECHNOLOGIES INC	COM NEW	
03842K 90 0	AQUABOUTY TECHNOLOGIES INC	CALL	
03842K 95 0	AQUABOUTY TECHNOLOGIES INC	PUT	
03842W 10 5	AQUARON ACQUISITION CORP	COMMON STOCK	
03842W 11 3	AQUARON ACQUISITION CORP	RIGHT 07/15/2026	
03842W 20 4	AQUARON ACQUISITION CORP	UNIT 07/15/2026	
03843E 10 4 *	AQUESTIVE THERAPEUTICS INC	COM	
03843E 90 4	AQUESTIVE THERAPEUTICS INC	CALL	
03843E 95 4	AQUESTIVE THERAPEUTICS INC	PUT	
03852U 10 6 *	ARAMARK	COM	
03852U 90 6	ARAMARK	CALL	
03852U 95 6	ARAMARK	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 107

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03879J 10 0 *	ARBUTUS BIOPHARMA CORP	COM	
03879J 90 0	ARBUTUS BIOPHARMA CORP	CALL	
03879J 95 0	ARBUTUS BIOPHARMA CORP	PUT	
03881F 10 4	ARBOR RAPHA CAP BIOHLDS CORP	CLASS A COM	DELETED
03881F 11 2	ARBOR RAPHA CAP BIOHLDS CORP	*W EXP 10/31/202	DELETED
03881F 20 3	ARBOR RAPHA CAP BIOHLDS CORP	UNIT 10/31/2028	DELETED
03890D 10 8 *	ARAVIVE INC	COM	
03890D 90 8	ARAVIVE INC	CALL	
03890D 95 8	ARAVIVE INC	PUT	
038923 10 8 *	ARBOR REALTY TRUST INC	COM	
038923 90 8	ARBOR REALTY TRUST INC	CALL	
038923 95 8	ARBOR REALTY TRUST INC	PUT	
039014 20 4 *	ARCADIA BIOSCIENCES INC	COM NEW	DELETED
039014 90 4	ARCADIA BIOSCIENCES INC	CALL	DELETED
039014 95 4	ARCADIA BIOSCIENCES INC	PUT	DELETED
039014 30 3 *	ARCADIA BIOSCIENCES INC	COM	ADDED
039014 90 3	ARCADIA BIOSCIENCES INC	CALL	ADDED
039014 95 3	ARCADIA BIOSCIENCES INC	PUT	ADDED
03937C 10 5 *	ARCBEST CORP	COM	
03937C 90 5	ARCBEST CORP	CALL	
03937C 95 5	ARCBEST CORP	PUT	
03938L 20 3 *	ARCELORMITTAL SA LUXEMBOURG	NY REGISTRY SH	
03938L 90 3	ARCELORMITTAL SA LUXEMBOURG	CALL	
03938L 95 3	ARCELORMITTAL SA LUXEMBOURG	PUT	
039389 AB 7	ARCH RESOURCES INC	NOTE 5.250%11/1	
03940C 10 0 *	ARCELLX INC	COMMON STOCK	
03940C 90 0	ARCELLX INC	CALL	
03940C 95 0	ARCELLX INC	PUT	
03940R 10 7 *	ARCH RESOURCES INC	CL A	
03940R 90 7	ARCH RESOURCES INC	CALL	
03940R 95 7	ARCH RESOURCES INC	PUT	
03945R 10 2 *	ARCHER AVIATION INC	COM CL A	
03945R 90 2	ARCHER AVIATION INC	CALL	
03945R 95 2	ARCHER AVIATION INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 108

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
03945R 11 0	ARCHER AVIATION INC	*W EXP 09/16/202	
039483 10 2 *	ARCHER DANIELS MIDLAND CO	COM	
039483 90 2	ARCHER DANIELS MIDLAND CO	CALL	
039483 95 2	ARCHER DANIELS MIDLAND CO	PUT	
03957W 10 6 *	ARCHROCK INC	COM	
03957W 90 6	ARCHROCK INC	CALL	
03957W 95 6	ARCHROCK INC	PUT	
039587 20 9 *	ARCIMOTO INC	COM NEW	
039587 90 9	ARCIMOTO INC	CALL	
039587 95 9	ARCIMOTO INC	PUT	
039653 10 0 *	ARCOSA INC	COM	
039653 90 0	ARCOSA INC	CALL	
039653 95 0	ARCOSA INC	PUT	
03966V 10 7 *	ARCONIC CORPORATION	COM	
03966V 90 7	ARCONIC CORPORATION	CALL	
03966V 95 7	ARCONIC CORPORATION	PUT	
03969F 10 9 *	ARCUS BIOSCIENCES INC	COM	
03969F 90 9	ARCUS BIOSCIENCES INC	CALL	
03969F 95 9	ARCUS BIOSCIENCES INC	PUT	
03969K 10 8 *	ARCUTIS BIOTHERAPEUTICS INC	COM	
03969K 90 8	ARCUTIS BIOTHERAPEUTICS INC	CALL	
03969K 95 8	ARCUTIS BIOTHERAPEUTICS INC	PUT	
03969T 10 9 *	ARCTURUS THERAPEUTICS HLDGS	COM	
03969T 90 9	ARCTURUS THERAPEUTICS HLDGS	CALL	
03969T 95 9	ARCTURUS THERAPEUTICS HLDGS	PUT	
039697 10 7 *	ARDELYX INC	COM	
039697 90 7	ARDELYX INC	CALL	
039697 95 7	ARDELYX INC	PUT	
03990B 10 1 *	ARES MANAGEMENT CORPORATION	CL A COM STK	
03990B 90 1	ARES MANAGEMENT CORPORATION	CALL	
03990B 95 1	ARES MANAGEMENT CORPORATION	PUT	
040044 10 9 *	THE ARENA GROUP HOLDINGS INC	COM	
040044 90 9	THE ARENA GROUP HOLDINGS INC	CALL	
040044 95 9	THE ARENA GROUP HOLDINGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 109

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
04010E 10 9 *	ARGAN INC	COM	
04010E 90 9	ARGAN INC	CALL	
04010E 95 9	ARGAN INC	PUT	
04010L AW 3	ARES CAPITAL CORP	NOTE 4.625% 3/0	
04010L 10 3 *	ARES CAPITAL CORP	COM	
04010L 90 3	ARES CAPITAL CORP	CALL	
04010L 95 3	ARES CAPITAL CORP	PUT	
040126 10 4 *	ARGO BLOCKCHAIN PLC	ADS	
040126 90 4	ARGO BLOCKCHAIN PLC	CALL	
040126 95 4	ARGO BLOCKCHAIN PLC	PUT	
04013V 10 8 *	ARES COML REAL ESTATE CORP	COM	
04013V 90 8	ARES COML REAL ESTATE CORP	CALL	
04013V 95 8	ARES COML REAL ESTATE CORP	PUT	
04014F 10 2	ARES DYNAMIC CR ALLOCATION F	COM	
04016X 10 1 *	ARGENX SE	SPONSORED ADR	
04016X 90 1	ARGENX SE	CALL	
04016X 95 1	ARGENX SE	PUT	
040334 10 4 *	ARIDIS PHARMACEUTICALS INC	COM	
040334 90 4	ARIDIS PHARMACEUTICALS INC	CALL	
040334 95 4	ARIDIS PHARMACEUTICALS INC	PUT	
04035M 10 2 *	ARHAUS INC	COM CL A	
04035M 90 2	ARHAUS INC	CALL	
04035M 95 2	ARHAUS INC	PUT	
04041L 10 6 *	ARIS WATER SOLUTIONS INC	CLASS A COM	
04041L 90 6	ARIS WATER SOLUTIONS INC	CALL	
04041L 95 6	ARIS WATER SOLUTIONS INC	PUT	
040413 10 6 *	ARISTA NETWORKS INC	COM	
040413 90 6	ARISTA NETWORKS INC	CALL	
040413 95 6	ARISTA NETWORKS INC	PUT	
040450 10 8	ARISZ ACQUISITION CORP	COMMON STOCK	
040450 11 6	ARISZ ACQUISITION CORP	*W EXP 11/16/202	
040450 12 4	ARISZ ACQUISITION CORP	RIGHT 99/99/9999	
040450 20 7	ARISZ ACQUISITION CORP	UNIT 11/17/2026	
040712 10 1	ARK RESTAURANTS CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 110

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
041242 10 8 *	ARKO CORP	COM	
041242 90 8	ARKO CORP	CALL	
041242 95 8	ARKO CORP	PUT	
041242 11 6	ARKO CORP	*W EXP 12/22/202	
041356 20 5 *	ARLINGTON ASSET INVST CORP	CL A NEW	
041356 90 5	ARLINGTON ASSET INVST CORP	CALL	
041356 95 5	ARLINGTON ASSET INVST CORP	PUT	
04206A 10 1 *	ARLO TECHNOLOGIES INC	COM	
04206A 90 1	ARLO TECHNOLOGIES INC	CALL	
04206A 95 1	ARLO TECHNOLOGIES INC	PUT	
04208T 10 8 *	ARMADA HOFFLER PPTYS INC	COM	
04208T 90 8	ARMADA HOFFLER PPTYS INC	CALL	
04208T 95 8	ARMADA HOFFLER PPTYS INC	PUT	
04208V 10 3	ARMADA ACQUISITION CORP I	COM	
04208V 11 1	ARMADA ACQUISITION CORP I	*W EXP 08/13/202	
04208V 20 2	ARMADA ACQUISITION CORP I	UNIT 08/13/2026	
04216R 10 2 *	ARMATA PHARMACEUTICALS INC	COM	
04216R 90 2	ARMATA PHARMACEUTICALS INC	CALL	
04216R 95 2	ARMATA PHARMACEUTICALS INC	PUT	
042315 50 7 *	ARMOUR RESIDENTIAL REIT INC	COM NEW	
042315 90 7	ARMOUR RESIDENTIAL REIT INC	CALL	
042315 95 7	ARMOUR RESIDENTIAL REIT INC	PUT	
04247X 10 2 *	ARMSTRONG WORLD INDS INC NEW	COM	
04247X 90 2	ARMSTRONG WORLD INDS INC NEW	CALL	
04247X 95 2	ARMSTRONG WORLD INDS INC NEW	PUT	
042644 10 4	AROGO CAPITAL ACQUISITION CO	CLASS A COM	
042644 11 2	AROGO CAPITAL ACQUISITION CO	*W EXP 03/23/202	
042644 20 3	AROGO CAPITAL ACQUISITION CO	UNIT 99/99/9999	
04271Q AB 2	ARRIVAL	NOTE 3.500%12/0	ADDED
04271T AB 6	ARRAY TECHNOLOGIES INC	NOTE 1.000%12/0	
04271T 10 0 *	ARRAY TECHNOLOGIES INC	COM SHS	
04271T 90 0	ARRAY TECHNOLOGIES INC	CALL	
04271T 95 0	ARRAY TECHNOLOGIES INC	PUT	
04273H 10 4 *	ARROW ETF TR	ARROW DJ GLB YLD	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 111

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04273H 90 4	ARROW ETF TR	CALL	
04273H 95 4	ARROW ETF TR	PUT	
042735 10 0 *	ARROW ELECTRS INC	COM	
042735 90 0	ARROW ELECTRS INC	CALL	
042735 95 0	ARROW ELECTRS INC	PUT	
042744 10 2 *	ARROW FINL CORP	COM	
042744 90 2	ARROW FINL CORP	CALL	
042744 95 2	ARROW FINL CORP	PUT	
042765 67 7 *	ARROW INVTS TR	RVRSE CAP500 ETF	
042765 90 7	ARROW INVTS TR	CALL	
042765 95 7	ARROW INVTS TR	PUT	
042765 68 5	ARROW INVTS TR	DWA TACT INTL	
042765 71 9	ARROW INVTS TR	RESV CAP ETF	
042765 79 2	ARROW INVTS TR	DWA TACTICAL MAC	
04280A 10 0 *	ARROWHEAD PHARMACEUTICALS IN	COM	
04280A 90 0	ARROWHEAD PHARMACEUTICALS IN	CALL	
04280A 95 0	ARROWHEAD PHARMACEUTICALS IN	PUT	
04282M 10 2	ARROWROOT ACQUISITION CORP	CL A COM	
04282M 11 0	ARROWROOT ACQUISITION CORP	*W EXP 03/02/202	
04282M 20 1	ARROWROOT ACQUISITION CORP	UNIT 01/29/2026	
04300J 10 7	ARTARA THERAPEUTICS INC	COM	
04301G 12 8	ARTELO BIOSCIENCES INC	*W EXP 06/20/202	
04301G 50 8	ARTELO BIOSCIENCES INC	COM	
04302A 10 4 *	ARTERIS INC	COM	
04302A 90 4	ARTERIS INC	CALL	
04302A 95 4	ARTERIS INC	PUT	
04303A 10 3	ARTEMIS STRATEGIC INVT CORP	COM CL A	
04303A 11 1	ARTEMIS STRATEGIC INVT CORP	*W EXP 09/30/202	
04303A 20 2	ARTEMIS STRATEGIC INVT CORP	UNIT 09/30/2026	
043113 20 8	ARTESIAN RES CORP	CL A	
04316A 10 8 *	ARTISAN PARTNERS ASSET MGMT	CL A	
04316A 90 8	ARTISAN PARTNERS ASSET MGMT	CALL	
04316A 95 8	ARTISAN PARTNERS ASSET MGMT	PUT	
043168 10 3	ARTS WAY MFG INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 112

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04335A 10 5 *	ARVINAS INC	COM	
04335A 90 5	ARVINAS INC	CALL	
04335A 95 5	ARVINAS INC	PUT	
04342Y 10 4 *	ASANA INC	CL A	
04342Y 90 4	ASANA INC	CALL	
04342Y 95 4	ASANA INC	PUT	
043436 10 4 *	ASBURY AUTOMOTIVE GROUP INC	COM	
043436 90 4	ASBURY AUTOMOTIVE GROUP INC	CALL	
043436 95 4	ASBURY AUTOMOTIVE GROUP INC	PUT	
04351P 10 1 *	ASCENDIS PHARMA A/S	SPONSORED ADR	
04351P 90 1	ASCENDIS PHARMA A/S	CALL	
04351P 95 1	ASCENDIS PHARMA A/S	PUT	
043635 60 6 *	ASCENT SOLAR TECHNOLOGIES IN	COM NEW	
043635 90 6	ASCENT SOLAR TECHNOLOGIES IN	CALL	
043635 95 6	ASCENT SOLAR TECHNOLOGIES IN	PUT	
04367G 10 3 *	ASENSUS SURGICAL INC	COM	
04367G 90 3	ASENSUS SURGICAL INC	CALL	
04367G 95 3	ASENSUS SURGICAL INC	PUT	
044103 86 9 *	ASHFORD HOSPITALITY TR INC	COM SHS	
044103 90 9	ASHFORD HOSPITALITY TR INC	CALL	
044103 95 9	ASHFORD HOSPITALITY TR INC	PUT	
044104 10 7	ASHFORD INC	COM	
044186 10 4 *	ASHLAND INC	COM	
044186 90 4	ASHLAND INC	CALL	
044186 95 4	ASHLAND INC	PUT	
04522R 10 1 *	ASLAN PHARMACEUTICALS LTD	ADS	DELETED
04522R 90 1	ASLAN PHARMACEUTICALS LTD	CALL	DELETED
04522R 95 1	ASLAN PHARMACEUTICALS LTD	PUT	DELETED
04522R 20 0 *	ASLAN PHARMACEUTICALS LTD	SPON ADS NEW	ADDED
04522R 90 0	ASLAN PHARMACEUTICALS LTD	CALL	ADDED
04522R 95 0	ASLAN PHARMACEUTICALS LTD	PUT	ADDED
04523Y 10 5 *	ASPEN AEROGELS INC	COM	
04523Y 90 5	ASPEN AEROGELS INC	CALL	
04523Y 95 5	ASPEN AEROGELS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 113

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
04530L 20 3 *	ASPEN GROUP INC	COM NEW	DELETED
04530L 90 3	ASPEN GROUP INC	CALL	DELETED
04530L 95 3	ASPEN GROUP INC	PUT	DELETED
04537Y 10 9 *	ASPIRA WOMENS HEALTH INC	COM	
04537Y 90 9	ASPIRA WOMENS HEALTH INC	CALL	
04537Y 95 9	ASPIRA WOMENS HEALTH INC	PUT	
045396 10 8 *	ASSEMBLY BIOSCIENCES INC	COM	
045396 90 8	ASSEMBLY BIOSCIENCES INC	CALL	
045396 95 8	ASSEMBLY BIOSCIENCES INC	PUT	
04541A 10 5	ASSET ENTITIES INC	CLASS B COM	ADDED
04546C 20 5 *	ASSERTIO HOLDINGS INC	COM NEW	
04546C 90 5	ASSERTIO HOLDINGS INC	CALL	
04546C 95 5	ASSERTIO HOLDINGS INC	PUT	
04546L 10 6 *	ASSETMARK FINL HLDGS INC	COM	
04546L 90 6	ASSETMARK FINL HLDGS INC	CALL	
04546L 95 6	ASSETMARK FINL HLDGS INC	PUT	
045487 10 5 *	ASSOCIATED BANC CORP	COM	
045487 90 5	ASSOCIATED BANC CORP	CALL	
045487 95 5	ASSOCIATED BANC CORP	PUT	
045528 10 6	ASSOCIATED CAP GROUP INC	CL A	
04621X 10 8 *	ASSURANT INC	COM	
04621X 90 8	ASSURANT INC	CALL	
04621X 95 8	ASSURANT INC	PUT	
046224 10 1 *	ASTEC INDS INC	COM	
046224 90 1	ASTEC INDS INC	CALL	
046224 95 1	ASTEC INDS INC	PUT	
04625J 20 4	ASSURE HLDGS CORP	COM NEW	DELETED
04625J 30 3	ASSURE HLDGS CORP	COM	ADDED
04634X 10 3 *	ASTRA SPACE INC	COM CL A	
04634X 90 3	ASTRA SPACE INC	CALL	
04634X 95 3	ASTRA SPACE INC	PUT	
04635X 10 2 *	ASTRIA THERAPEUTICS INC	COM	
04635X 90 2	ASTRIA THERAPEUTICS INC	CALL	
04635X 95 2	ASTRIA THERAPEUTICS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 114

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
046353 10 8 *	ASTRAZENECA PLC	SPONSORED ADR	
046353 90 8	ASTRAZENECA PLC	CALL	
046353 95 8	ASTRAZENECA PLC	PUT	
04638F 10 8	ASTRONOVA INC	COM	
046433 10 8 *	ASTRONICS CORP	COM	
046433 90 8	ASTRONICS CORP	CALL	
046433 95 8	ASTRONICS CORP	PUT	
046484 30 9	ASTROTECH CORP	COM	
04649U 10 2 *	ASURE SOFTWARE INC	COM	
04649U 90 2	ASURE SOFTWARE INC	CALL	
04649U 95 2	ASURE SOFTWARE INC	PUT	
04651A 10 1 *	ASYMMETRIC ETFS TRUST	SMART S&P 500	
04651A 90 1	ASYMMETRIC ETFS TRUST	CALL	
04651A 95 1	ASYMMETRIC ETFS TRUST	PUT	
04651A 20 0	ASYMMETRIC ETFS TRUST	SMART ALPHA S&P	ADDED
04651A 30 9	ASYMMETRIC ETFS TRUST	SMART INCOME ETF	ADDED
046513 10 7 *	ATARA BIOTHERAPEUTICS INC	COM	
046513 90 7	ATARA BIOTHERAPEUTICS INC	CALL	
046513 95 7	ATARA BIOTHERAPEUTICS INC	PUT	
04683R 10 6 *	ATEA PHARMACEUTICALS INC	COM	
04683R 90 6	ATEA PHARMACEUTICALS INC	CALL	
04683R 95 6	ATEA PHARMACEUTICALS INC	PUT	
04684M 10 6	ATHENA CONSUMER ACQ CORP	CL A	
04684M 11 4	ATHENA CONSUMER ACQ CORP	*W EXP 07/31/202	
04684M 20 5	ATHENA CONSUMER ACQ CORP	UNIT 99/99/9999	
04685N 10 3 *	ATHENEX INC	COM	DELETED
04685N 90 3	ATHENEX INC	CALL	DELETED
04685N 95 3	ATHENEX INC	PUT	DELETED
04685N 20 2 *	ATHENEX INC	COM NEW	ADDED
04685N 90 2	ATHENEX INC	CALL	ADDED
04685N 95 2	ATHENEX INC	PUT	ADDED
04687C 10 5	ATHENA TECHNOLOGY ACQ CORP I	CL A COM	
04687C 11 3	ATHENA TECHNOLOGY ACQ CORP I	*W EXP 10/17/202	
04687C 20 4	ATHENA TECHNOLOGY ACQ CORP I	UNIT 99/99/9999	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 115

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04744L 20 5 *	ATHERSYS INC NEW	COM NEW	
04744L 90 5	ATHERSYS INC NEW	CALL	
04744L 95 5	ATHERSYS INC NEW	PUT	
04746L 10 4 *	ATHIRA PHARMA INC	COM	
04746L 90 4	ATHIRA PHARMA INC	CALL	
04746L 95 4	ATHIRA PHARMA INC	PUT	
047649 10 8 *	ATKORE INC	COM	
047649 90 8	ATKORE INC	CALL	
047649 95 8	ATKORE INC	PUT	
048209 10 0	ATLANTIC AMERN CORP	COM	
04845A 10 8	ATLANTIC COASTAL AQSTN CORP	CLASS A COM	
04845A 11 6	ATLANTIC COASTAL AQSTN CORP	*W EXP 01/13/202	
04845A 20 7	ATLANTIC COASTAL AQSTN CORP	UNIT 01/13/2027	
048453 10 4	ATLANTIC COASTAL ACQUISTN CO	CLASS A COM	
048453 11 2	ATLANTIC COASTAL ACQUISTN CO	*W EXP 03/02/202	
048453 20 3	ATLANTIC COASTAL ACQUISTN CO	UNIT 03/02/2026	
04911A 10 7 *	ATLANTIC UN BANKSHARES CORP	COM	
04911A 90 7	ATLANTIC UN BANKSHARES CORP	CALL	
04911A 95 7	ATLANTIC UN BANKSHARES CORP	PUT	
04914Y 10 2 *	ATLANTICUS HOLDINGS CORP	COM	
04914Y 90 2	ATLANTICUS HOLDINGS CORP	CALL	
04914Y 95 2	ATLANTICUS HOLDINGS CORP	PUT	
04916E AB 0	ATLANTICA SUSTAINABLE INFRA	NOTE 4.000% 7/1	
049164 BJ 4	ATLAS AIR WORLDWIDE HLDGS IN	NOTE 1.875% 6/0	DELETED
049164 20 5 *	ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	DELETED
049164 90 5	ATLAS AIR WORLDWIDE HLDGS IN	CALL	DELETED
049164 95 5	ATLAS AIR WORLDWIDE HLDGS IN	PUT	DELETED
04930R 10 7 *	ATLAS ENERGY SOLUTIONS INC	COM CLASS A	ADDED
04930R 90 7	ATLAS ENERGY SOLUTIONS INC	CALL	ADDED
04930R 95 7	ATLAS ENERGY SOLUTIONS INC	PUT	ADDED
049430 10 1 *	ATLAS TECHNICAL CONSULTANTS	COM CLS A	
049430 90 1	ATLAS TECHNICAL CONSULTANTS	CALL	
049430 95 1	ATLAS TECHNICAL CONSULTANTS	PUT	
049468 10 1 *	ATLASSIAN CORPORATION	CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 116

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
049468 90 1	ATLASSIAN CORPORATION	CALL	
049468 95 1	ATLASSIAN CORPORATION	PUT	
049506 10 8	ATLIS MOTOR VEHICLES INC	CLASS A COM	
049560 10 5 *	ATMOS ENERGY CORP	COM	
049560 90 5	ATMOS ENERGY CORP	CALL	
049560 95 5	ATMOS ENERGY CORP	PUT	
04962H 50 6 *	ATOSSA THERAPEUTICS INC	COM	
04962H 90 6	ATOSSA THERAPEUTICS INC	CALL	
04962H 95 6	ATOSSA THERAPEUTICS INC	PUT	
04963C 20 9 *	ATRICURE INC	COM	
04963C 90 9	ATRICURE INC	CALL	
04963C 95 9	ATRICURE INC	PUT	
04965B 10 0 *	ATOMERA INC	COM	
04965B 90 0	ATOMERA INC	CALL	
04965B 95 0	ATOMERA INC	PUT	
04965G 10 9 *	ATRECA INC	CL A COM	
04965G 90 9	ATRECA INC	CALL	
04965G 95 9	ATRECA INC	PUT	
04965M 10 6	ATOUR LIFESTYLE HOLDINGS LTD	SPONSORED ADS	
049904 10 5	ATRION CORP	COM	
050473 10 7	AUBURN NATL BANCORP	COM	
05070N 10 3 *	AUDACY INC	CL A	
05070N 90 3	AUDACY INC	CALL	
05070N 95 3	AUDACY INC	PUT	
05072K 10 7	AUDDIA INC	COM	
05072K 11 5	AUDDIA INC	*W EXP 02/19/202	
050734 20 1 *	AUDIOEYE INC	COM NEW	
050734 90 1	AUDIOEYE INC	CALL	
050734 95 1	AUDIOEYE INC	PUT	
05105P 10 7	AUGMEDIX INC	COM	
05150A 10 4	AULT DISRUPTIVE TECHS CORP	COM	
05150A 20 3	AULT DISRUPTIVE TECHS CORP	UNIT 99/99/9999	
05153U 10 7 *	AURA BIOSCIENCES INC	COM	
05153U 90 7	AURA BIOSCIENCES INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 117

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05153U 95 7	AURA BIOSCIENCES INC	PUT	
05156V 10 2 *	AURINIA PHARMACEUTICALS INC	COM	
05156V 90 2	AURINIA PHARMACEUTICALS INC	CALL	
05156V 95 2	AURINIA PHARMACEUTICALS INC	PUT	
05156X AG 3	AURORA CANNABIS INC	NOTE 5.500% 2/2	
05156X 88 4 *	AURORA CANNABIS INC	COM	
05156X 90 4	AURORA CANNABIS INC	CALL	
05156X 95 4	AURORA CANNABIS INC	PUT	
051774 10 7 *	AURORA INNOVATION INC	CLASS A COM	
051774 90 7	AURORA INNOVATION INC	CALL	
051774 95 7	AURORA INNOVATION INC	PUT	
051774 11 5	AURORA INNOVATION INC	*W EXP 11/03/202	
051857 10 0 *	AURORA MOBILE LTD	ADS	
051857 90 0	AURORA MOBILE LTD	CALL	
051857 95 0	AURORA MOBILE LTD	PUT	
05223F 10 6	AUSTIN GOLD CORP	COM	
052769 10 6 *	AUTODESK INC	COM	
052769 90 6	AUTODESK INC	CALL	
052769 95 6	AUTODESK INC	PUT	
05278C 10 7 *	AUTOHOME INC	SP ADS RP CL A	
05278C 90 7	AUTOHOME INC	CALL	
05278C 95 7	AUTOHOME INC	PUT	
05280R 10 0 *	AUTOLUS THERAPEUTICS PLC	SPON ADS	
05280R 90 0	AUTOLUS THERAPEUTICS PLC	CALL	
05280R 95 0	AUTOLUS THERAPEUTICS PLC	PUT	
052800 10 9 *	AUTOLIV INC	COM	
052800 90 9	AUTOLIV INC	CALL	
052800 95 9	AUTOLIV INC	PUT	
053015 10 3 *	AUTOMATIC DATA PROCESSING IN	COM	
053015 90 3	AUTOMATIC DATA PROCESSING IN	CALL	
053015 95 3	AUTOMATIC DATA PROCESSING IN	PUT	
05329W 10 2 *	AUTONATION INC	COM	
05329W 90 2	AUTONATION INC	CALL	
05329W 95 2	AUTONATION INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 118

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
053332 10 2 *	AUTOZONE INC	COM	
053332 90 2	AUTOZONE INC	CALL	
053332 95 2	AUTOZONE INC	PUT	
05337M 10 4 *	AVADEL PHARMACEUTICALS PLC	SPONSORED ADR	
05337M 90 4	AVADEL PHARMACEUTICALS PLC	CALL	
05337M 95 4	AVADEL PHARMACEUTICALS PLC	PUT	
05337Y AB 4	AVADEL FIN CAYMAN LTD	NOTE 4.500% 2/0	DELETED
05337Y AC 2	AVADEL FIN CAYMAN LTD	NOTE 4.500%10/0	DELETED
05338E 10 1	AVALON ACQUISITION INC	CLASS A COM	
05338E 11 9	AVALON ACQUISITION INC	*W EXP 12/31/202	
05338E 20 0	AVALON ACQUISITION INC	UNIT 12/31/2026	
05338F 20 7 *	AVALO THERAPEUTICS INC	COM NEW	
05338F 90 7	AVALO THERAPEUTICS INC	CALL	
05338F 95 7	AVALO THERAPEUTICS INC	PUT	
05343P 10 9	AVALON HLDGS CORP	CL A	
05344R 10 4	AVALON GLOBOCARE CORP	COM	DELETED
05344R 20 3	AVALON GLOBOCARE CORP	COM NEW	ADDED
053484 10 1 *	AVALONBAY CMNTYS INC	COM	
053484 90 1	AVALONBAY CMNTYS INC	CALL	
053484 95 1	AVALONBAY CMNTYS INC	PUT	
05350V 10 6 *	AVANOS MED INC	COM	
05350V 90 6	AVANOS MED INC	CALL	
05350V 95 6	AVANOS MED INC	PUT	
05351P 11 6	AVANTI HELIUM CORP	*W EXP 10/24/202	
05351W 10 3 *	AVANGRID INC	COM	
05351W 90 3	AVANGRID INC	CALL	
05351W 95 3	AVANGRID INC	PUT	
05351X AB 7	AVAYA HLDGS CORP	NOTE 2.250% 6/1	DELETED
05351X 10 1 *	AVAYA HLDGS CORP	COM	DELETED
05351X 90 1	AVAYA HLDGS CORP	CALL	DELETED
05351X 95 1	AVAYA HLDGS CORP	PUT	DELETED
05352A 10 0 *	AVANTOR INC	COM	
05352A 90 0	AVANTOR INC	CALL	
05352A 95 0	AVANTOR INC	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 119

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05356F 10 5 *	AVEANNA HEALTHCARE HLDGS INC	COM	
05356F 90 5	AVEANNA HEALTHCARE HLDGS INC	CALL	
05356F 95 5	AVEANNA HEALTHCARE HLDGS INC	PUT	
053588 30 7 *	AVEO PHARMACEUTICALS INC	COM NEW	DELETED
053588 90 7	AVEO PHARMACEUTICALS INC	CALL	DELETED
053588 95 7	AVEO PHARMACEUTICALS INC	PUT	DELETED
05360L 30 4	AVENUE THERAPEUTICS INC	COM	
053604 10 4 *	AVEPOINT INC	COM CL A	
053604 90 4	AVEPOINT INC	CALL	
053604 95 4	AVEPOINT INC	PUT	
053604 11 2	AVEPOINT INC	*W EXP 09/18/202	
053611 10 9 *	AVERY DENNISON CORP	COM	
053611 90 9	AVERY DENNISON CORP	CALL	
053611 95 9	AVERY DENNISON CORP	PUT	
05366Y 20 1 *	AVIAT NETWORKS INC	COM NEW	
05366Y 90 1	AVIAT NETWORKS INC	CALL	
05366Y 95 1	AVIAT NETWORKS INC	PUT	
05367P 10 0 *	AVID TECHNOLOGY INC	COM	
05367P 90 0	AVID TECHNOLOGY INC	CALL	
05367P 95 0	AVID TECHNOLOGY INC	PUT	
05368M 10 6 *	AVID BIOSERVICES INC	COM	
05368M 90 6	AVID BIOSERVICES INC	CALL	
05368M 95 6	AVID BIOSERVICES INC	PUT	
05368V 10 6 *	AVIENT CORPORATION	COM	
05368V 90 6	AVIENT CORPORATION	CALL	
05368V 95 6	AVIENT CORPORATION	PUT	
05368X 10 2 *	AVIDXCHANGE HOLDINGS INC	COM	
05368X 90 2	AVIDXCHANGE HOLDINGS INC	CALL	
05368X 95 2	AVIDXCHANGE HOLDINGS INC	PUT	
05370A 10 8 *	AVIDITY BIOSCIENCES INC	COM	
05370A 90 8	AVIDITY BIOSCIENCES INC	CALL	
05370A 95 8	AVIDITY BIOSCIENCES INC	PUT	
053734 88 5	AVINGER INC	COM NEW	
053774 10 5 *	AVIS BUDGET GROUP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 120

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
053774 90 5	AVIS BUDGET GROUP	CALL	
053774 95 5	AVIS BUDGET GROUP	PUT	
05379B 10 7 *	AVISTA CORP	COM	
05379B 90 7	AVISTA CORP	CALL	
05379B 95 7	AVISTA CORP	PUT	
05380C 10 2 *	AVITA MEDICAL INC	COM	
05380C 90 2	AVITA MEDICAL INC	CALL	
05380C 95 2	AVITA MEDICAL INC	PUT	
053807 10 3 *	AVNET INC	COM	
053807 90 3	AVNET INC	CALL	
053807 95 3	AVNET INC	PUT	
053906 10 3	AVINO SILVER & GOLD MINES LT	COM	
05453N 10 0 *	AWARE INC MASS	COM	
05453N 90 0	AWARE INC MASS	CALL	
05453N 95 0	AWARE INC MASS	PUT	
05454B 10 5 *	AXCELLA HEALTH INC	COM	
05454B 90 5	AXCELLA HEALTH INC	CALL	
05454B 95 5	AXCELLA HEALTH INC	PUT	
054540 20 8 *	AXCELIS TECHNOLOGIES INC	COM NEW	
054540 90 8	AXCELIS TECHNOLOGIES INC	CALL	
054540 95 8	AXCELIS TECHNOLOGIES INC	PUT	
05455M 10 0 *	AVROBIO INC	COM	
05455M 90 0	AVROBIO INC	CALL	
05455M 95 0	AVROBIO INC	PUT	
05463X 10 6 *	AXOGEN INC	COM	
05463X 90 6	AXOGEN INC	CALL	
05463X 95 6	AXOGEN INC	PUT	
05464C 10 1 *	AXON ENTERPRISE INC	COM	
05464C 90 1	AXON ENTERPRISE INC	CALL	
05464C 95 1	AXON ENTERPRISE INC	PUT	
05464T 10 4 *	AXSOME THERAPEUTICS INC	COM	
05464T 90 4	AXSOME THERAPEUTICS INC	CALL	
05464T 95 4	AXSOME THERAPEUTICS INC	PUT	
05465C 10 0 *	AXOS FINANCIAL INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 121

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05465C 90 0	AXOS FINANCIAL INC	CALL	
05465C 95 0	AXOS FINANCIAL INC	PUT	
05465P 10 1 *	AXONICS INC	COM	
05465P 90 1	AXONICS INC	CALL	
05465P 95 1	AXONICS INC	PUT	
05465V 10 8	AYALA PHARMACEUTICALS INC	COM	DELETED
05467C 10 8	AXONPRIME INFRSTCTR AQSTN CO	CLASS A COM	
05467C 11 6	AXONPRIME INFRSTCTR AQSTN CO	*W EXP 05/31/202	
05467C 20 7	AXONPRIME INFRSTCTR AQSTN CO	UNIT 05/31/2028	
054748 10 8 *	AYRO INC	COM	
054748 90 8	AYRO INC	CALL	
054748 95 8	AYRO INC	PUT	
054754 85 8 *	AYTU BIOPHARMA INC	COM	ADDED
054754 90 8	AYTU BIOPHARMA INC	CALL	ADDED
054754 95 8	AYTU BIOPHARMA INC	PUT	ADDED
054754 87 4 *	AYTU BIOPHARMA INC	COM NEW	DELETED
054754 90 4	AYTU BIOPHARMA INC	CALL	DELETED
054754 95 4	AYTU BIOPHARMA INC	PUT	DELETED
05478C 10 5 *	AZEK CO INC	CL A	
05478C 90 5	AZEK CO INC	CALL	
05478C 95 5	AZEK CO INC	PUT	
05479K 10 6	AZIYO BIOLOGICS INC	CL A COM	
05501U 10 6 *	AZUL S A	SPONSR ADR PFD	
05501U 90 6	AZUL S A	CALL	
05501U 95 6	AZUL S A	PUT	
05508R 10 6 *	B & G FOODS INC NEW	COM	
05508R 90 6	B & G FOODS INC NEW	CALL	
05508R 95 6	B & G FOODS INC NEW	PUT	
055298 10 3 *	BCB BANCORP INC	COM	
055298 90 3	BCB BANCORP INC	CALL	
055298 95 3	BCB BANCORP INC	PUT	
05534B 76 0 *	BCE INC	COM NEW	
05534B 90 0	BCE INC	CALL	
05534B 95 0	BCE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 122

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05541T 10 1 *	BGC PARTNERS INC	CL A	
05541T 90 1	BGC PARTNERS INC	CALL	
05541T 95 1	BGC PARTNERS INC	PUT	
055474 20 9 *	BIT MINING LIMITED	SPON ADR	
055474 90 9	BIT MINING LIMITED	CALL	
055474 95 9	BIT MINING LIMITED	PUT	
05550J 10 1 *	BJS WHSL CLUB HLDGS INC	COM	
05550J 90 1	BJS WHSL CLUB HLDGS INC	CALL	
05550J 95 1	BJS WHSL CLUB HLDGS INC	PUT	
05552Q 30 1	BIMI INTERNATIONAL MEDICAL I	COM NEW	
05561Q 20 1 *	BOK FINL CORP	COM NEW	
05561Q 90 1	BOK FINL CORP	CALL	
05561Q 95 1	BOK FINL CORP	PUT	
055622 10 4 *	BP PLC	SPONSORED ADR	
055622 90 4	BP PLC	CALL	
055622 95 4	BP PLC	PUT	
055630 10 7 *	BP PRUDHOE BAY RTY TR	UNIT BEN INT	
055630 90 7	BP PRUDHOE BAY RTY TR	CALL	
055630 95 7	BP PRUDHOE BAY RTY TR	PUT	
055645 30 3 *	BRT APARTMENTS CORP	COM	
055645 90 3	BRT APARTMENTS CORP	CALL	
055645 95 3	BRT APARTMENTS CORP	PUT	
0557MQ 11 5	BT BRANDS INC	*W EXP 11/12/202	
0557MQ 20 6	BT BRANDS INC	COM NEW	
05577W 20 0 *	BRP INC	COM SUN VTG	
05577W 90 0	BRP INC	CALL	
05577W 95 0	BRP INC	PUT	
05580M 10 8 *	B. RILEY FINANCIAL INC	COM	
05580M 90 8	B. RILEY FINANCIAL INC	CALL	
05580M 95 8	B. RILEY FINANCIAL INC	PUT	
05581M 40 4	BTCS INC	COM NEW	
05587G 10 4	BK TECHNOLOGIES CORPORATION	COM	
05588N 10 8	BNY MELLON ALCENTRA GLOBAL C	COM	
05588W 10 8	BNY MELLON STRATEGIC MUNS IN	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 123

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05589G 10 2 *	BRP GROUP INC	COM CL A	
05589G 90 2	BRP GROUP INC	CALL	
05589G 95 2	BRP GROUP INC	PUT	
05589T 10 4	BNY MELLON MUN INCOME INC	COM	
05591L 10 7 *	BM TECHNOLOGIES INC	CL A COM	
05591L 90 7	BM TECHNOLOGIES INC	CALL	
05591L 95 7	BM TECHNOLOGIES INC	PUT	
05591L 11 5	BM TECHNOLOGIES INC	*W EXP 01/04/202	
05601C 10 5 *	BGSF INC	COM	
05601C 90 5	BGSF INC	CALL	
05601C 95 5	BGSF INC	PUT	
05601U 10 5 *	BRC INC	COM CL A	
05601U 90 5	BRC INC	CALL	
05601U 95 5	BRC INC	PUT	
05602L 10 4	B RILEY PRIN 250 MERGER CORP	CLASS A COM	
05602L 11 2	B RILEY PRIN 250 MERGER CORP	*W EXP 04/01/202	
05602L 20 3	B RILEY PRIN 250 MERGER CORP	UNIT 04/06/2026	
05605H 10 0 *	BWX TECHNOLOGIES INC	COM	
05605H 90 0	BWX TECHNOLOGIES INC	CALL	
05605H 95 0	BWX TECHNOLOGIES INC	PUT	
05608P 10 9	BYND CANNASOFT ENTERPRISES I	COM	
05614L 20 9 *	BABCOCK & WILCOX ENTERPRISES	COM	
05614L 90 9	BABCOCK & WILCOX ENTERPRISES	CALL	
05614L 95 9	BABCOCK & WILCOX ENTERPRISES	PUT	
05637B 10 5 *	BACKBLAZE INC	COM CL A	
05637B 90 5	BACKBLAZE INC	CALL	
05637B 95 5	BACKBLAZE INC	PUT	
056525 10 8 *	BADGER METER INC	COM	
056525 90 8	BADGER METER INC	CALL	
056525 95 8	BADGER METER INC	PUT	
056752 10 8 *	BAIDU INC	SPON ADR REP A	
056752 90 8	BAIDU INC	CALL	
056752 95 8	BAIDU INC	PUT	
05684B 10 7 *	BAIN CAP SPECIALTY FIN INC	COM STK	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 124

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
05684B 90 7	BAIN CAP SPECIALTY FIN INC	CALL	
05684B 95 7	BAIN CAP SPECIALTY FIN INC	PUT	
05722G 10 0 *	BAKER HUGHES COMPANY	CL A	
05722G 90 0	BAKER HUGHES COMPANY	CALL	
05722G 95 0	BAKER HUGHES COMPANY	PUT	
05759B 10 7 *	BAKKT HOLDINGS INC	COM CL A	
05759B 90 7	BAKKT HOLDINGS INC	CALL	
05759B 95 7	BAKKT HOLDINGS INC	PUT	
05759B 11 5	BAKKT HOLDINGS INC	*W EXP 10/25/202	
057665 20 0 *	BALCHEM CORP	COM	
057665 90 0	BALCHEM CORP	CALL	
057665 95 0	BALCHEM CORP	PUT	
058498 10 6 *	BALL CORP	COM	
058498 90 6	BALL CORP	CALL	
058498 95 6	BALL CORP	PUT	
058586 10 8 *	BALLARD PWR SYS INC NEW	COM	
058586 90 8	BALLARD PWR SYS INC NEW	CALL	
058586 95 8	BALLARD PWR SYS INC NEW	PUT	
05875B 10 6 *	BALLY'S CORPORATION	COM	
05875B 90 6	BALLY'S CORPORATION	CALL	
05875B 95 6	BALLY'S CORPORATION	PUT	
058934 10 0 *	BANCO BBVA ARGENTINA S A	SPONSORED ADS	
058934 90 0	BANCO BBVA ARGENTINA S A	CALL	
058934 95 0	BANCO BBVA ARGENTINA S A	PUT	
05945F 10 3 *	BANCFIRST CORP	COM	
05945F 90 3	BANCFIRST CORP	CALL	
05945F 95 3	BANCFIRST CORP	PUT	
05946K 10 1 *	BANCO BILBAO VIZCAYA ARGENTA	SPONSORED ADR	
05946K 90 1	BANCO BILBAO VIZCAYA ARGENTA	CALL	
05946K 95 1	BANCO BILBAO VIZCAYA ARGENTA	PUT	
059460 30 3 *	BANCO BRADESCO S A	SP ADR PFD NEW	
059460 90 3	BANCO BRADESCO S A	CALL	
059460 95 3	BANCO BRADESCO S A	PUT	
059460 40 2	BANCO BRADESCO S A	SPONSORED ADR	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 125

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
059520 10 6 *	BANCO DE CHILE	SPONSORED ADS	
059520 90 6	BANCO DE CHILE	CALL	
059520 95 6	BANCO DE CHILE	PUT	
05961W 10 5 *	BANCO MACRO SA	SPON ADR B	
05961W 90 5	BANCO MACRO SA	CALL	
05961W 95 5	BANCO MACRO SA	PUT	
05964H 10 5 *	BANCO SANTANDER S.A.	ADR	
05964H 90 5	BANCO SANTANDER S.A.	CALL	
05964H 95 5	BANCO SANTANDER S.A.	PUT	
05965X 10 9 *	BANCO SANTANDER CHILE NEW	SP ADR REP COM	
05965X 90 9	BANCO SANTANDER CHILE NEW	CALL	
05965X 95 9	BANCO SANTANDER CHILE NEW	PUT	
05967A 10 7 *	BANCO SANTANDER BRASIL S A	ADS REP 1 UNIT	
05967A 90 7	BANCO SANTANDER BRASIL S A	CALL	
05967A 95 7	BANCO SANTANDER BRASIL S A	PUT	
05968L 10 2 *	BANCOLOMBIA S A	SPON ADR PREF	
05968L 90 2	BANCOLOMBIA S A	CALL	
05968L 95 2	BANCOLOMBIA S A	PUT	
05969A 10 5 *	BANCORP INC DEL	COM	
05969A 90 5	BANCORP INC DEL	CALL	
05969A 95 5	BANCORP INC DEL	PUT	
05969B 10 3 *	BANCO SANTANDER MEXICO SA	SPONSORED ADS B	
05969B 90 3	BANCO SANTANDER MEXICO SA	CALL	
05969B 95 3	BANCO SANTANDER MEXICO SA	PUT	
059695 10 6	BANCROFT FD LTD	COM	
05988J AB 9	BANDWIDTH INC	NOTE 0.250% 3/0	
05988J AD 5	BANDWIDTH INC	NOTE 0.500% 4/0	
05988J 10 3 *	BANDWIDTH INC	COM CL A	
05988J 90 3	BANDWIDTH INC	CALL	
05988J 95 3	BANDWIDTH INC	PUT	
05990K 10 6 *	BANC OF CALIFORNIA INC	COM	
05990K 90 6	BANC OF CALIFORNIA INC	CALL	
05990K 95 6	BANC OF CALIFORNIA INC	PUT	
060505 10 4 *	BANK AMERICA CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 126

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
060505 90 4	BANK AMERICA CORP	CALL	
060505 95 4	BANK AMERICA CORP	PUT	
060505 68 2	BANK AMERICA CORP	7.25%CNV PFD L	
06211J 10 0	BANK FIRST CORP	COM	
062540 10 9 *	BANK HAWAII CORP	COM	
062540 90 9	BANK HAWAII CORP	CALL	
062540 95 9	BANK HAWAII CORP	PUT	
063425 10 2 *	BANK MARIN BANCORP	COM	
063425 90 2	BANK MARIN BANCORP	CALL	
063425 95 2	BANK MARIN BANCORP	PUT	
06367V 10 5	BANK MONTREAL MEDIUM	BIG OIL 3X LEV	
06367V 20 4	BANK MONTREAL MEDIUM	MICROSECTORS FAN	
063671 10 1 *	BANK MONTREAL QUE	COM	
063671 90 1	BANK MONTREAL QUE	CALL	
063671 95 1	BANK MONTREAL QUE	PUT	
063679 51 8	BANK MONTREAL MEDIUM	CAL LKD 43	ADDED
063679 52 6	BANK MONTREAL MEDIUM	CAL LKD 43	ADDED
063679 53 4	BANK MONTREAL MEDIUM	MICROSECTORS FAN	
063679 54 2	BANK MONTREAL MEDIUM	MICROSCTR 3X LEV	
063679 55 9	BANK MONTREAL MEDIUM	NT LKD 41	
063679 58 3	BANK MONTREAL MEDIUM	CAL LKD 41	
063679 59 1	BANK MONTREAL MEDIUM	NT LKD 41	
063679 62 5	BANK MONTREAL MEDIUM	MCROSECTR 3XINVR	
063679 64 1	BANK MONTREAL MEDIUM	MICRSCTR GLD 3X	
063679 82 3	BANK MONTREAL MEDIUM	MICROSCTR 3X LVG	
063679 85 6	BANK MONTREAL MEDIUM	2X LEVERAGED	
06368B 50 4 *	BANK MONTREAL MEDIUM	NT LKD 38	
06368B 90 4	BANK MONTREAL MEDIUM	CALL	
06368B 95 4	BANK MONTREAL MEDIUM	PUT	
06368J 10 1	BANK MONTREAL MEDIUM	MICROSCTR 3X LEV	
06368J 20 0	BANK MONTREAL MEDIUM	CAL LKD 42	
06368L 10 6	BANK MONTREAL MEDIUM	BIG OIL INDX 3X	
06368L 20 5	BANK MONTREAL MEDIUM	CALL LKD 41	
06368L 30 4	BANK MONTREAL MEDIUM	MICROSECTORS LVG	ADDED



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 127

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
06368L 40 3	BANK MONTREAL MEDIUM	MICROSE LKD 43	ADDED
064058 10 0 *	BANK NEW YORK MELLON CORP	COM	
064058 90 0	BANK NEW YORK MELLON CORP	CALL	
064058 95 0	BANK NEW YORK MELLON CORP	PUT	
064149 10 7 *	BANK NOVA SCOTIA HALIFAX	COM	
064149 90 7	BANK NOVA SCOTIA HALIFAX	CALL	
064149 95 7	BANK NOVA SCOTIA HALIFAX	PUT	
06417N 10 3 *	BANK OZK LITTLE ROCK ARK	COM	
06417N 90 3	BANK OZK LITTLE ROCK ARK	CALL	
06417N 95 3	BANK OZK LITTLE ROCK ARK	PUT	
064520 10 9	BANK PRINCETON NEW JERSEY	COM	DELETED
065066 10 2	BANK SOUTH CAROLINA CORP	COM	
06643P 10 4 *	BANKFINANCIAL CORP	COM	
06643P 90 4	BANKFINANCIAL CORP	CALL	
06643P 95 4	BANKFINANCIAL CORP	PUT	
06652K 10 3 *	BANKUNITED INC	COM	
06652K 90 3	BANKUNITED INC	CALL	
06652K 95 3	BANKUNITED INC	PUT	
06652N 10 7	BANK7 CORP	COM	
06652V 20 8 *	BANNER CORP	COM NEW	
06652V 90 8	BANNER CORP	CALL	
06652V 95 8	BANNER CORP	PUT	
06654A 10 3	BANKWELL FINL GROUP INC	COM	
06654K 10 1	BANNER ACQUISITION CORP	CLASS A COM	
06654K 11 9	BANNER ACQUISITION CORP	*W EXP 09/07/202	
06654K 20 0	BANNER ACQUISITION CORP	UNIT 09/07/2026	
066644 10 5	BANNIX ACQUISITION CORP	COM	
066644 11 3	BANNIX ACQUISITION CORP	*W EXP 07/31/202	
066644 12 1	BANNIX ACQUISITION CORP	RIGHT 07/31/2026	
06684L 10 3 *	BAOZUN INC	SPONSORED ADR	
06684L 90 3	BAOZUN INC	CALL	
06684L 95 3	BAOZUN INC	PUT	
066849 10 0 *	BAR HBR BANKSHARES	COM	
066849 90 0	BAR HBR BANKSHARES	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 128

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
066849 95 0	BAR HBR BANKSHARES	PUT	
06690B 10 7	BANYAN ACQUISITION CORPORATI	CL A COM	
06690B 11 5	BANYAN ACQUISITION CORPORATI	*W EXP 09/30/202	
06690B 20 6	BANYAN ACQUISITION CORPORATI	UNIT 09/30/2028	
06738C 77 8 *	BARCLAYS BANK PLC	DJUBS CMDT ETN36	
06738C 90 8	BARCLAYS BANK PLC	CALL	
06738C 95 8	BARCLAYS BANK PLC	PUT	
06738C 79 4 *	BARCLAYS BANK PLC	IPSPGS TTL ETN	
06738C 90 4	BARCLAYS BANK PLC	CALL	
06738C 95 4	BARCLAYS BANK PLC	PUT	
06738E 20 4 *	BARCLAYS PLC	ADR	
06738E 90 4	BARCLAYS PLC	CALL	
06738E 95 4	BARCLAYS PLC	PUT	
06739H 26 3 *	BARCLAYS BANK PLC	ETN DJUBSLEAD 38	
06739H 90 3	BARCLAYS BANK PLC	CALL	
06739H 95 3	BARCLAYS BANK PLC	PUT	
06739H 31 3 *	BARCLAYS BANK PLC	ETN DJUBSCOCO 38	
06739H 90 3	BARCLAYS BANK PLC	CALL	
06739H 95 3	BARCLAYS BANK PLC	PUT	
06740P 11 4 *	BARCLAYS BANK PLC	IPTH PURE BRD	
06740P 90 4	BARCLAYS BANK PLC	CALL	
06740P 95 4	BARCLAYS BANK PLC	PUT	
06740P 22 1 *	BARCLAYS BANK PLC	IPTH CRUDE OIL	
06740P 90 1	BARCLAYS BANK PLC	CALL	
06740P 95 1	BARCLAYS BANK PLC	PUT	
06742A 75 0	BARCLAYS BANK PLC	IPATH S&P MLP	ADDED
06742C 72 3 *	BARCLAYS BANK PLC	IPATH SELCT MLP	
06742C 90 3	BARCLAYS BANK PLC	CALL	
06742C 95 3	BARCLAYS BANK PLC	PUT	
06745T 36 8 *	BARCLAYS BANK PLC	IPATHBEGNATGAS37	
06745T 90 8	BARCLAYS BANK PLC	CALL	
06745T 95 8	BARCLAYS BANK PLC	PUT	
06746P 43 1 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 1	BARCLAYS BANK PLC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 129

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
06746P 95 1	BARCLAYS BANK PLC	PUT	
06746P 44 9 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 9	BARCLAYS BANK PLC	CALL	
06746P 95 9	BARCLAYS BANK PLC	PUT	
06746P 45 6 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 6	BARCLAYS BANK PLC	CALL	
06746P 95 6	BARCLAYS BANK PLC	PUT	
06746P 46 4 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 4	BARCLAYS BANK PLC	CALL	
06746P 95 4	BARCLAYS BANK PLC	PUT	
06746P 47 2 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 2	BARCLAYS BANK PLC	CALL	
06746P 95 2	BARCLAYS BANK PLC	PUT	
06746P 48 0 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 0	BARCLAYS BANK PLC	CALL	
06746P 95 0	BARCLAYS BANK PLC	PUT	
06746P 49 8 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 8	BARCLAYS BANK PLC	CALL	
06746P 95 8	BARCLAYS BANK PLC	PUT	
06746P 51 4 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 4	BARCLAYS BANK PLC	CALL	
06746P 95 4	BARCLAYS BANK PLC	PUT	
06746P 52 2 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 2	BARCLAYS BANK PLC	CALL	
06746P 95 2	BARCLAYS BANK PLC	PUT	
06746P 53 0 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 0	BARCLAYS BANK PLC	CALL	
06746P 95 0	BARCLAYS BANK PLC	PUT	
06746P 54 8 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 8	BARCLAYS BANK PLC	CALL	
06746P 95 8	BARCLAYS BANK PLC	PUT	
06746P 55 5 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 5	BARCLAYS BANK PLC	CALL	
06746P 95 5	BARCLAYS BANK PLC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 130

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
06746P 56 3 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 3	BARCLAYS BANK PLC	CALL	
06746P 95 3	BARCLAYS BANK PLC	PUT	
06746P 57 1 *	BARCLAYS BANK PLC	ETN LKD 48	
06746P 90 1	BARCLAYS BANK PLC	CALL	
06746P 95 1	BARCLAYS BANK PLC	PUT	
06746P 58 9 *	BARCLAYS BANK PLC	IPATH B AGRICULTR	
06746P 90 9	BARCLAYS BANK PLC	CALL	
06746P 95 9	BARCLAYS BANK PLC	PUT	
06746P 61 3 *	BARCLAYS BANK PLC	IPATH B MID TRM	
06746P 90 3	BARCLAYS BANK PLC	CALL	
06746P 95 3	BARCLAYS BANK PLC	PUT	
06747C 32 2 *	BARCLAYS BANK PLC	IPATH SER B ETN	
06747C 90 2	BARCLAYS BANK PLC	CALL	
06747C 95 2	BARCLAYS BANK PLC	PUT	
06747R 47 7 *	BARCLAYS BANK PLC	IPTH SR B S&P	DELETED
06747R 90 7	BARCLAYS BANK PLC	CALL	DELETED
06747R 95 7	BARCLAYS BANK PLC	PUT	DELETED
06748F 32 4 *	BARCLAYS BANK PLC	IPTH SR B S&P	ADDED
06748F 90 4	BARCLAYS BANK PLC	CALL	ADDED
06748F 95 4	BARCLAYS BANK PLC	PUT	ADDED
067532 20 0	BARFRESH FOOD GROUP INC	COM NEW	
06759L 10 3 *	BARINGS BDC INC	COM	
06759L 90 3	BARINGS BDC INC	CALL	
06759L 95 3	BARINGS BDC INC	PUT	
06759X 10 7	BARINGS CORPORATE INVS	COM	
06760L 10 0	BARINGS GLOBAL SHORT DURATIO	COM	
06761A 10 3	BARINGS PARTN INVS	SH BEN INT	
06777U 10 1 *	BARNES & NOBLE ED INC	COM	
06777U 90 1	BARNES & NOBLE ED INC	CALL	
06777U 95 1	BARNES & NOBLE ED INC	PUT	
067806 10 9 *	BARNES GROUP INC	COM	
067806 90 9	BARNES GROUP INC	CALL	
067806 95 9	BARNES GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 131

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
067901 10 8 *	BARRICK GOLD CORP	COM	
067901 90 8	BARRICK GOLD CORP	CALL	
067901 95 8	BARRICK GOLD CORP	PUT	
068221 10 0	BARNWELL INDS INC	COM	
068463 10 8 *	BARRETT BUSINESS SVCS INC	COM	
068463 90 8	BARRETT BUSINESS SVCS INC	CALL	
068463 95 8	BARRETT BUSINESS SVCS INC	PUT	
070203 10 4 *	BASSETT FURNITURE INDS INC	COM	
070203 90 4	BASSETT FURNITURE INDS INC	CALL	
070203 95 4	BASSETT FURNITURE INDS INC	PUT	
070830 10 4 *	BATH & BODY WORKS INC	COM	
070830 90 4	BATH & BODY WORKS INC	CALL	
070830 95 4	BATH & BODY WORKS INC	PUT	
07134L 10 7	BATTALION OIL CORP	COM	
07160F 40 4	BAUDAX BIO INC	COM NEW	
071705 10 7 *	BAUSCH PLUS LOMB CORP	COMMON SHARES	
071705 90 7	BAUSCH PLUS LOMB CORP	CALL	
071705 95 7	BAUSCH PLUS LOMB CORP	PUT	
071734 10 7 *	BAUSCH HEALTH COS INC	COM	
071734 90 7	BAUSCH HEALTH COS INC	CALL	
071734 95 7	BAUSCH HEALTH COS INC	PUT	
071813 10 9 *	BAXTER INTL INC	COM	
071813 90 9	BAXTER INTL INC	CALL	
071813 95 9	BAXTER INTL INC	PUT	
07272M 10 7	BAYCOM CORP	COM	
07279B 10 4	BAYFIRST FINANCIAL CORP	COM	
07317Q 10 5 *	BAYTEX ENERGY CORP	COM	ADDED
07317Q 90 5	BAYTEX ENERGY CORP	CALL	ADDED
07317Q 95 5	BAYTEX ENERGY CORP	PUT	ADDED
073463 10 1 *	THE BEACHBODY COMPANY INC	COM CL A	
073463 90 1	THE BEACHBODY COMPANY INC	CALL	
073463 95 1	THE BEACHBODY COMPANY INC	PUT	
073463 11 9	THE BEACHBODY COMPANY INC	*W EXP 12/31/202	
073685 10 9 *	BEACON ROOFING SUPPLY INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 132

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
073685 90 9	BEACON ROOFING SUPPLY INC	CALL	
073685 95 9	BEACON ROOFING SUPPLY INC	PUT	
07373B 10 9 *	BEAM GLOBAL	COM	
07373B 90 9	BEAM GLOBAL	CALL	
07373B 95 9	BEAM GLOBAL	PUT	
07373B 11 7	BEAM GLOBAL	*W EXP 04/15/202	
07373V 10 5 *	BEAM THERAPEUTICS INC	COM	
07373V 90 5	BEAM THERAPEUTICS INC	CALL	
07373V 95 5	BEAM THERAPEUTICS INC	PUT	
074014 10 1	BEASLEY BROADCAST GROUP INC	CL A	
07402Q 10 1	BEARD ENERGY TRANSITION ACQ	CL A COM	
07402Q 11 9	BEARD ENERGY TRANSITION ACQ	*W EXP 99/99/999	
07402Q 20 0	BEARD ENERGY TRANSITION ACQ	UNIT 99/99/9999	
07556Q 88 1 *	BEAZER HOMES USA INC	COM NEW	
07556Q 90 1	BEAZER HOMES USA INC	CALL	
07556Q 95 1	BEAZER HOMES USA INC	PUT	
075887 10 9 *	BECTON DICKINSON & CO	COM	
075887 90 9	BECTON DICKINSON & CO	CALL	
075887 95 9	BECTON DICKINSON & CO	PUT	
075887 40 6	BECTON DICKINSON & CO	6% DP CONV PFD B	
075896 10 0 *	BED BATH & BEYOND INC	COM	
075896 90 0	BED BATH & BEYOND INC	CALL	
075896 95 0	BED BATH & BEYOND INC	PUT	
07725L 10 2 *	BEIGENE LTD	SPONSORED ADR	
07725L 90 2	BEIGENE LTD	CALL	
07725L 95 2	BEIGENE LTD	PUT	
077347 20 1	BEL FUSE INC	CL A	
077347 30 0 *	BEL FUSE INC	CL B	
077347 90 0	BEL FUSE INC	CALL	
077347 95 0	BEL FUSE INC	PUT	
077454 10 6 *	BELDEN INC	COM	
077454 90 6	BELDEN INC	CALL	
077454 95 6	BELDEN INC	PUT	
07782B 10 4	BELITE BIO INC	SPONSORED ADS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 133

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
07831C 10 3 *	BELLRING BRANDS INC	COMMON STOCK	
07831C 90 3	BELLRING BRANDS INC	CALL	
07831C 95 3	BELLRING BRANDS INC	PUT	
078771 30 0	BELLEROPHON THERAPEUTICS INC	COM NEW	
079174 10 8	BELLEVUE LIFE SCNCS AQSTN CO	COM	ADDED
079174 11 6	BELLEVUE LIFE SCNCS AQSTN CO	*W EXP 02/09/202	ADDED
079174 12 4	BELLEVUE LIFE SCNCS AQSTN CO	RIGHT 02/09/2028	ADDED
079174 20 7	BELLEVUE LIFE SCNCS AQSTN CO	UNIT 02/09/2028	ADDED
079481 40 4	BELLICUM PHARMACEUTICALS INC	COM NEW	
07987C 20 4 *	BELLUS HEALTH INC NEW	COM NEW	
07987C 90 4	BELLUS HEALTH INC NEW	CALL	
07987C 95 4	BELLUS HEALTH INC NEW	PUT	
08069M 10 2	BELONG ACQUISITION CORP	CLASS A COM	
08069M 11 0	BELONG ACQUISITION CORP	*W EXP 03/23/202	
08069M 20 1	BELONG ACQUISITION CORP	UNIT 03/23/2026	
080694 10 2	BELPOINTE PREP LLC	UNIT RP LTD LB A	
08160H 10 1 *	BENCHMARK ELECTRS INC	COM	
08160H 90 1	BENCHMARK ELECTRS INC	CALL	
08160H 95 1	BENCHMARK ELECTRS INC	PUT	
08180D AB 2	BENEFITFOCUS INC	NOTE 1.250%12/1	DELETED
08180D 10 6 *	BENEFITFOCUS INC	COM	DELETED
08180D 90 6	BENEFITFOCUS INC	CALL	DELETED
08180D 95 6	BENEFITFOCUS INC	PUT	DELETED
08205P 10 0 *	BENITEC BIOPHARMA INC	COM	
08205P 90 0	BENITEC BIOPHARMA INC	CALL	
08205P 95 0	BENITEC BIOPHARMA INC	PUT	
082490 10 3 *	BENSON HILL INC	COMMON STOCK	
082490 90 3	BENSON HILL INC	CALL	
082490 95 3	BENSON HILL INC	PUT	
082490 11 1	BENSON HILL INC	*W EXP 09/29/202	
08265T AB 5	BENTLEY SYS INC	NOTE 0.125% 1/1	
08265T AD 1	BENTLEY SYS INC	NOTE 0.375% 7/0	
08265T 20 8 *	BENTLEY SYS INC	COM CL B	
08265T 90 8	BENTLEY SYS INC	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 134

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
08265T 95 8	BENTLEY SYS INC	PUT	
083690 10 7	BERENSON ACQUISITION CORP I	CL A COM	
083690 11 5	BERENSON ACQUISITION CORP I	*W EXP 08/01/202	DELETED
083690 20 6	BERENSON ACQUISITION CORP I	UNIT 99/99/9999	DELETED
084310 10 1 *	PHENOMEX INC	COM	
084310 90 1	PHENOMEX INC	CALL	
084310 95 1	PHENOMEX INC	PUT	
084423 10 2 *	BERKLEY W R CORP	COM	
084423 90 2	BERKLEY W R CORP	CALL	
084423 95 2	BERKLEY W R CORP	PUT	
084656 10 7 *	BERKSHIRE GREY INC	COM CL A	
084656 90 7	BERKSHIRE GREY INC	CALL	
084656 95 7	BERKSHIRE GREY INC	PUT	
084656 11 5	BERKSHIRE GREY INC	*W EXP 07/21/202	
084670 10 8	BERKSHIRE HATHAWAY INC DEL	CL A	
084670 70 2 *	BERKSHIRE HATHAWAY INC DEL	CL B NEW	
084670 90 2	BERKSHIRE HATHAWAY INC DEL	CALL	
084670 95 2	BERKSHIRE HATHAWAY INC DEL	PUT	
084680 10 7 *	BERKSHIRE HILLS BANCORP INC	COM	
084680 90 7	BERKSHIRE HILLS BANCORP INC	CALL	
084680 95 7	BERKSHIRE HILLS BANCORP INC	PUT	
08579W 10 3 *	BERRY GLOBAL GROUP INC	COM	
08579W 90 3	BERRY GLOBAL GROUP INC	CALL	
08579W 95 3	BERRY GLOBAL GROUP INC	PUT	
08579X 10 1 *	BERRY CORP	COM	
08579X 90 1	BERRY CORP	CALL	
08579X 95 1	BERRY CORP	PUT	
086516 10 1 *	BEST BUY INC	COM	
086516 90 1	BEST BUY INC	CALL	
086516 95 1	BEST BUY INC	PUT	
08653C AB 2	BEST INC	NOTE 1.750%10/0	
08653C 50 2 *	BEST INC	SPONSORED ADS	
08653C 90 2	BEST INC	CALL	
08653C 95 2	BEST INC	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 135

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
08771Y 30 3 *	BETTER CHOICE CO INC	COM	
08771Y 90 3	BETTER CHOICE CO INC	CALL	
08771Y 95 3	BETTER CHOICE CO INC	PUT	
08772B 10 4 *	BETTER WORLD ACQUISITION COR	COM	
08772B 90 4	BETTER WORLD ACQUISITION COR	CALL	
08772B 95 4	BETTER WORLD ACQUISITION COR	PUT	
08772B 11 2	BETTER WORLD ACQUISITION COR	*W EXP 11/15/202	
08772B 20 3	BETTER WORLD ACQUISITION COR	UNIT 11/15/2027	
08773T 10 4 *	BETTER THERAPEUTICS INC	COMMON STOCK	
08773T 90 4	BETTER THERAPEUTICS INC	CALL	
08773T 95 4	BETTER THERAPEUTICS INC	PUT	
088606 10 8 *	BHP GROUP LTD	SPONSORED ADS	
088606 90 8	BHP GROUP LTD	CALL	
088606 95 8	BHP GROUP LTD	PUT	
08862E AB 5	BEYOND MEAT INC	NOTE	3/1
08862E 10 9 *	BEYOND MEAT INC	COM	
08862E 90 9	BEYOND MEAT INC	CALL	
08862E 95 9	BEYOND MEAT INC	PUT	
08862L 10 3 *	BEYOND AIR INC	COM	
08862L 90 3	BEYOND AIR INC	CALL	
08862L 95 3	BEYOND AIR INC	PUT	
088786 10 8 *	BICYCLE THERAPEUTICS PLC	SPONSORED ADS	
088786 90 8	BICYCLE THERAPEUTICS PLC	CALL	
088786 95 8	BICYCLE THERAPEUTICS PLC	PUT	
08915P 10 1 *	BIG 5 SPORTING GOODS CORP	COM	
08915P 90 1	BIG 5 SPORTING GOODS CORP	CALL	
08915P 95 1	BIG 5 SPORTING GOODS CORP	PUT	
089302 10 3 *	BIG LOTS INC	COM	
089302 90 3	BIG LOTS INC	CALL	
089302 95 3	BIG LOTS INC	PUT	
08975B 10 9 *	BIGBEAR AI HLDGS INC	COM	
08975B 90 9	BIGBEAR AI HLDGS INC	CALL	
08975B 95 9	BIGBEAR AI HLDGS INC	PUT	
08975B 11 7	BIGBEAR AI HLDGS INC	*W EXP 12/08/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 136

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
08975P AB 4	BIGCOMMERCE HLDGS INC	NOTE 0.250%10/0	
08975P 10 8 *	BIGCOMMERCE HLDGS INC	COM SER 1	
08975P 90 8	BIGCOMMERCE HLDGS INC	CALL	
08975P 95 8	BIGCOMMERCE HLDGS INC	PUT	
08986R 30 9	BIGLARI HLDGS INC	COM STK CL B	
08986R 40 8	BIGLARI HLDGS INC	COM STK CL A	
09001T 10 6	BILANDER ACQUISITION CORP	CL A COM	
09001T 11 4	BILANDER ACQUISITION CORP	*W EXP 05/19/202	
09001T 20 5	BILANDER ACQUISITION CORP	UNIT 05/19/2026	
090040 AB 2	BILIBILI INC	NOTE 1.375% 4/0	
090040 AD 8	BILIBILI INC	NOTE 1.250% 6/1	
090040 AF 3	BILIBILI INC	NOTE 0.500%12/0	
090040 10 6 *	BILIBILI INC	SPONS ADS REP Z	
090040 90 6	BILIBILI INC	CALL	
090040 95 6	BILIBILI INC	PUT	
090043 AB 6	BILL HOLDINGS INC	NOTE 12/0	
090043 AD 2	BILL HOLDINGS INC	NOTE 4/0	
090043 10 0 *	BILL HOLDINGS INC	COM	
090043 90 0	BILL HOLDINGS INC	CALL	
090043 95 0	BILL HOLDINGS INC	PUT	
09057N 30 0 *	BIO-PATH HLDGS INC	COM	
09057N 90 0	BIO-PATH HLDGS INC	CALL	
09057N 95 0	BIO-PATH HLDGS INC	PUT	
090572 10 8	BIO RAD LABS INC	CL B	
090572 20 7 *	BIO RAD LABS INC	CL A	
090572 90 7	BIO RAD LABS INC	CALL	
090572 95 7	BIO RAD LABS INC	PUT	
09058V 10 3 *	BIOCRYST PHARMACEUTICALS INC	COM	
09058V 90 3	BIOCRYST PHARMACEUTICALS INC	CALL	
09058V 95 3	BIOCRYST PHARMACEUTICALS INC	PUT	
09060C 40 8 *	BIO-KEY INTL INC	COM NEW	
09060C 90 8	BIO-KEY INTL INC	CALL	
09060C 95 8	BIO-KEY INTL INC	PUT	
09060U 11 9	BIOCARDIA INC	*W EXP 08/06/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 137

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
09060U 50 7 *	BIOCARDIA INC	COM	
09060U 90 7	BIOCARDIA INC	CALL	
09060U 95 7	BIOCARDIA INC	PUT	
09061G AH 4	BIOMARIN PHARMACEUTICAL INC	NOTE 0.599% 8/0	
09061G AK 7	BIOMARIN PHARMACEUTICAL INC	NOTE 1.250% 5/1	
09061G 10 1 *	BIOMARIN PHARMACEUTICAL INC	COM	
09061G 90 1	BIOMARIN PHARMACEUTICAL INC	CALL	
09061G 95 1	BIOMARIN PHARMACEUTICAL INC	PUT	
09061H 30 7 *	BIOMERICA INC	COM NEW	
09061H 90 7	BIOMERICA INC	CALL	
09061H 95 7	BIOMERICA INC	PUT	
09062W 20 4 *	BIOLIFE SOLUTIONS INC	COM NEW	
09062W 90 4	BIOLIFE SOLUTIONS INC	CALL	
09062W 95 4	BIOLIFE SOLUTIONS INC	PUT	
09062X 10 3 *	BIOGEN INC	COM	
09062X 90 3	BIOGEN INC	CALL	
09062X 95 3	BIOGEN INC	PUT	
09063M 20 5	BIONOMICS LIMITED	ADS	
090655 60 6	BIORESTORATIVE THERAPIES INC	COM NEW	
090683 10 3	BIOTE CORP	CLASS A COM	
090683 11 1	BIOTE CORP	*W EXP 05/26/202	
09071M 20 5 *	BIOLINERX LTD	SPONSORED ADS	
09071M 90 5	BIOLINERX LTD	CALL	
09071M 95 5	BIOLINERX LTD	PUT	
09072V 50 1 *	BIOCEPT INC	COM	
09072V 90 1	BIOCEPT INC	CALL	
09072V 95 1	BIOCEPT INC	PUT	
09073M 10 4 *	BIO-TECHNE CORP	COM	
09073M 90 4	BIO-TECHNE CORP	CALL	
09073M 95 4	BIO-TECHNE CORP	PUT	
09073N 20 1 *	BIOSIG TECHNOLOGIES INC	COM NEW	
09073N 90 1	BIOSIG TECHNOLOGIES INC	CALL	
09073N 95 1	BIOSIG TECHNOLOGIES INC	PUT	
09073Q 20 4	BIONDVAX PHARMACEUTICALS LTD	SPON ADS NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 138

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09074F 20 7 *	BIOVIE INC	CL A NEW	
09074F 90 7	BIOVIE INC	CALL	
09074F 95 7	BIOVIE INC	PUT	
09074H 10 4 *	BIOTRICITY INC	COM	
09074H 90 4	BIOTRICITY INC	CALL	
09074H 95 4	BIOTRICITY INC	PUT	
09075A 10 8 *	BIOVENTUS INC	COM CL A	
09075A 90 8	BIOVENTUS INC	CALL	
09075A 95 8	BIOVENTUS INC	PUT	
09075F 10 7 *	BIONANO GENOMICS INC	COM	
09075F 90 7	BIONANO GENOMICS INC	CALL	
09075F 95 7	BIONANO GENOMICS INC	PUT	
09075F 11 5	BIONANO GENOMICS INC	*W EXP 08/21/202	
09075P 10 5 *	BIOXCEL THERAPEUTICS INC	COM	
09075P 90 5	BIOXCEL THERAPEUTICS INC	CALL	
09075P 95 5	BIOXCEL THERAPEUTICS INC	PUT	
09075V 10 2 *	BIONTECH SE	SPONSORED ADS	
09075V 90 2	BIONTECH SE	CALL	
09075V 95 2	BIONTECH SE	PUT	
09075X 10 8 *	BIODESIX INC	COM	
09075X 90 8	BIODESIX INC	CALL	
09075X 95 8	BIODESIX INC	PUT	
09076G 10 4	BIOPHYTIS SA	ADS	DELETED
09076G 20 3	BIOPHYTIS SA	SPONSORED ADS	ADDED
09076W 10 9	BIOAFFINITY TECHNOLOGIES INC	COMMON STOCK	
09076W 11 7	BIOAFFINITY TECHNOLOGIES INC	*W EXP 09/07/202	
09077A 10 6 *	BIOMEA FUSION INC	COM	
09077A 90 6	BIOMEA FUSION INC	CALL	
09077A 95 6	BIOMEA FUSION INC	PUT	
09077B 10 4 *	BIOATLA INC	COM	
09077B 90 4	BIOATLA INC	CALL	
09077B 95 4	BIOATLA INC	PUT	
09077D 10 0 *	BIOFRONTERA INC	COM	
09077D 90 0	BIOFRONTERA INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 139

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09077D 95 0	BIOFRONTERA INC	PUT	
09077D 11 8	BIOFRONTERA INC	*W EXP 10/27/202	
09077J 10 7 *	BIRD GLOBAL INC	COM CL A	
09077J 90 7	BIRD GLOBAL INC	CALL	
09077J 95 7	BIRD GLOBAL INC	PUT	
09077J 11 5	BIRD GLOBAL INC	*W EXP 01/07/202	
09088U 10 9	BIRKS GROUP INC	CL A COM	
09090D 10 3	BIOMX INC	COM	
09090D 11 1	BIOMX INC	*W EXP 10/28/202	
09090D 20 2	BIOMX INC	UNIT 10/16/2024	
090911 40 5	BIOLASE INC	COM	
09173B 10 7 *	BITFARMS LTD	COM	
09173B 90 7	BITFARMS LTD	CALL	
09173B 95 7	BITFARMS LTD	PUT	
091748 10 3	BITWISE FUNDS TRUST	WEB3 ETF	
091748 20 2	BITWISE FUNDS TRUST	BITCOIN STRATEGY	ADDED
09175K 10 5	BITE ACQUISITION CORP	COMMON STOCK	
09175K 11 3	BITE ACQUISITION CORP	*W EXP 02/12/203	
09175K 20 4	BITE ACQUISITION CORP	UNIT 99/99/9999	
09175M 10 1 *	AULT ALLIANCE INC	COM	
09175M 90 1	AULT ALLIANCE INC	CALL	
09175M 95 1	AULT ALLIANCE INC	PUT	
09180C 10 6 *	BJS RESTAURANTS INC	COM	
09180C 90 6	BJS RESTAURANTS INC	CALL	
09180C 95 6	BJS RESTAURANTS INC	PUT	
091941 10 4	BLACKROCK FLOATING RATE INC	COM	
09203E 10 5 *	BLACK DIAMOND THERAPEUTICS I	COM	
09203E 90 5	BLACK DIAMOND THERAPEUTICS I	CALL	
09203E 95 5	BLACK DIAMOND THERAPEUTICS I	PUT	
092113 10 9 *	BLACK HILLS CORP	COM	
092113 90 9	BLACK HILLS CORP	CALL	
092113 95 9	BLACK HILLS CORP	PUT	
09215C 10 5 *	BLACK KNIGHT INC	COM	
09215C 90 5	BLACK KNIGHT INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 140

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09215C 95 5	BLACK KNIGHT INC	PUT	
09216A 10 8	BLACK MOUNTAIN ACQ CORP	CL A COM	
09216A 11 6	BLACK MOUNTAIN ACQ CORP	*W EXP 10/15/202	
09216A 20 7	BLACK MOUNTAIN ACQ CORP	UNIT 99/99/9999	
09225M 10 1 *	BLACK STONE MINERALS L P	COM UNIT	
09225M 90 1	BLACK STONE MINERALS L P	CALL	
09225M 95 1	BLACK STONE MINERALS L P	PUT	
09227Q 10 0 *	BLACKBAUD INC	COM	
09227Q 90 0	BLACKBAUD INC	CALL	
09227Q 95 0	BLACKBAUD INC	PUT	
09228F AK 9	BLACKBERRY LTD	DBCV 1.750%11/1	
09228F 10 3 *	BLACKBERRY LTD	COM	
09228F 90 3	BLACKBERRY LTD	CALL	
09228F 95 3	BLACKBERRY LTD	PUT	
09229E 20 4	BLACKBOXSTOCKS INC	COM NEW	
09239B AB 5	BLACKLINE INC	NOTE 0.125% 8/0	
09239B AD 1	BLACKLINE INC	NOTE 3/1	
09239B 10 9 *	BLACKLINE INC	COM	
09239B 90 9	BLACKLINE INC	CALL	
09239B 95 9	BLACKLINE INC	PUT	
09247D 10 5	BLACKROCK INVT QUALITY MUN T	COM	
09247F 20 9	BLACKROCK INCOME TR INC	COM NEW	
09247X 10 1 *	BLACKROCK INC	COM	
09247X 90 1	BLACKROCK INC	CALL	
09247X 95 1	BLACKROCK INC	PUT	
092479 10 4	BLACKROCK MUN INCOME QUALITY	COM	
09248D 10 4	BLACKROCK UTILS INFRASTRUCTU	COM	
09248E 10 2	BLACKROCK CALIF MUN INCOME T	SH BEN INT	
09248F 10 9	BLACKROCK MUN INCOME TR	SH BEN INT	
09248L 10 6	BLACKROCK N Y MUN INCOME TRU	SH BEN INT	
09248X 10 0	BLACKROCK TAX MUNICIPAL BD TR	SHS	
092481 10 0	BLACKROCK VA MUN BD TR	COM	
09249E 10 1	BLACKROCK CORE BD TR	SHS BEN INT	
09249N 10 1	BLACKROCK MUNI INCOME TR II	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 141

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
09249W 10 1	BLACKROCK LTD DURATION INCOM	COM SHS	
09250B 10 3	BLACKROCK LONG-TERM MUN ADVA	COM	
09250U 10 1	BLACKROCK ENERGY & RES TR	COM	
09250W 10 7	BLACKROCK HEALTH SCIENCES TR	COM	
092501 10 5	BLACKROCK ENHANCED GLOBAL DI	COM	
092508 10 0	BLACKROCK CR ALLOCATION INCO	COM	
09251A 10 4	BLACKROCK ENHANCED EQUITY DI	COM	
092524 10 7	BLACKROCK ENHANCED INTL DIV	COM BENE INTER	
092528 10 8	BLACKROCK ETF TRUST II	HIGH YLD MUNI IN	
092528 20 7	BLACKROCK ETF TRUST II	INTERMEDIA MUNI	
092528 40 5	BLACKROCK ETF TRUST II	FLOATING RT LOAN	
092528 50 4	BLACKROCK ETF TRUST II	AAA CLO ETF	ADDED
09253N 10 4	BLACKROCK MUNIHOLDINGS FD IN	COM	
09253R 10 5	BLACKROCK MUNIVEST FD INC	COM	
09253T 10 1	BLACKROCK MUNIVEST FD II INC	COM	
09253W 10 4	BLACKROCK MUNIYIELD FD INC	COM	
09253X 10 2	BLACKROCK MUNICIPAL INCOME	COM	
092533 10 8 *	BLACKROCK CAP INVT CORP	COM	
092533 90 8	BLACKROCK CAP INVT CORP	CALL	
092533 95 8	BLACKROCK CAP INVT CORP	PUT	
09254C 10 7	BLACKROCK MUNIHOLDINGS QUALI	COM	
09254E 10 3	BLACKROCK MUNIYIELD QUALITY	COM	
09254F 10 0	BLACKROCK MUNIYILD QULT FD I	COM	
09254G 10 8	BLACKROCK MUNIYIELD QUALITY	COM	
09254J 10 2	BLACKROCK MUNIASSETS FD INC	COM	
09254L 10 7	BLACKROCK MUNIHLDNGS CALI QL	COM	
09254V 10 5	BLACKROCK MUNIYIELD MICH QU	COM	
09254X 10 1	BLACKROCK MUNIHLDGS NJ QLTY	COM	
09255C 10 6	BLACKROCK MUNIHLDGS NY QLTY	COM	
09255E 10 2	BLACKROCK MUNIYIELD N Y QUAL	COM	
09255G 10 7	BLACKROCK MUNIYIELD PA QLTY	COM	
09255K 10 8	BLACKROCK ENHANCED GOVT FD I	COM	
09255P 10 7	BLACKROCK CORPOR HI YLD FD I	COM	
09255R 20 2	BLACKROCK DEBT STRATEGIES FD	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 142

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09255X 10 0	BLACKROCK FLOATING RATE INCO	COM	
09256A 10 9	BLACKROCK ENHANCD CAP & INM	COM	
09256U 10 5	BLACKSTONE SENI FLTN RAT 202	COM	
09257A 10 8	BLACKROCK RES & COMMODITIES	SHS	
09257D 10 2	BLACKSTONE LONG SHORT CR INC	COM SHS BN INT	
09257P 10 5	BLACKROCK MUN TARGET TERM TR	COM SHS BEN IN	
09257R 10 1	BLACKSTONE STRATEGIC CRED 20	COM SHS BEN IN	
09257W AC 4	BLACKSTONE MORTGAGE TRUST IN	NOTE 4.750% 3/1	DELETED
09257W AE 0	BLACKSTONE MORTGAGE TRUST IN	NOTE 5.500% 3/1	
09257W 10 0 *	BLACKSTONE MTG TR INC	COM CL A	
09257W 90 0	BLACKSTONE MTG TR INC	CALL	
09257W 95 0	BLACKSTONE MTG TR INC	PUT	
09258A 10 7	BLACKROCK MULTI SECTOR INC T	COM	
09258G 10 4	BLACKROCK SCIENCE & TECHNOLO	SHS	
09259E 10 8 *	BLACKROCK TCP CAPITAL CORP	COM	
09259E 90 8	BLACKROCK TCP CAPITAL CORP	CALL	
09259E 95 8	BLACKROCK TCP CAPITAL CORP	PUT	
09260D 10 7 *	BLACKSTONE INC	COM	
09260D 90 7	BLACKSTONE INC	CALL	
09260D 95 7	BLACKSTONE INC	PUT	
09260E 10 5	BLACKROCK HEALTH SCIENCS TR	COM SHS	
09260K 10 1	BLACKROCK SCIENCE & TECHNOLO	SHS BEN INT	
09260Q 10 8	BLACKROCK INNOVATION AND GRW	SHS BEN INT	
09260U 10 9	BLACKROCK CAP ALLOCATION TR	COM	
09261X 10 2 *	BLACKSTONE SECD LENDING FD	COMMON STOCK	
09261X 90 2	BLACKSTONE SECD LENDING FD	CALL	
09261X 95 2	BLACKSTONE SECD LENDING FD	PUT	
09262F 10 0	BLACKROCK ESG CAP ALLC TR	SHS BEN INT	
09262G 10 8	BLACKROCK 2037 MUNICIPAL TAR	COM	
09263B 10 8 *	BLACKSKY TECHNOLOGY INC	COM CL A	
09263B 90 8	BLACKSKY TECHNOLOGY INC	CALL	
09263B 95 8	BLACKSKY TECHNOLOGY INC	PUT	
09263B 11 6	BLACKSKY TECHNOLOGY INC	*W EXP 09/09/202	
092667 10 4 *	BLADE AIR MOBILITY INC	CL A COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 143

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
092667 90 4	BLADE AIR MOBILITY INC	CALL	
092667 95 4	BLADE AIR MOBILITY INC	PUT	
092667 11 2	BLADE AIR MOBILITY INC	*W EXP 05/07/202	
09290C 10 3	BLACKROCK ETF TRUST	US EQT FACTOR	
09290C 20 2 *	BLACKROCK ETF TRUST	FUTURE INVTR ETF	
09290C 90 2	BLACKROCK ETF TRUST	CALL	
09290C 95 2	BLACKROCK ETF TRUST	PUT	
09290C 30 1 *	BLACKROCK ETF TRUST	FUTURE TECH ETF	
09290C 90 1	BLACKROCK ETF TRUST	CALL	
09290C 95 1	BLACKROCK ETF TRUST	PUT	
09290C 40 0 *	BLACKROCK ETF TRUST	FUTUR HEALTH ETF	
09290C 90 0	BLACKROCK ETF TRUST	CALL	
09290C 95 0	BLACKROCK ETF TRUST	PUT	
09290C 50 9 *	BLACKROCK ETF TRUST	US CARBON TRANS	
09290C 90 9	BLACKROCK ETF TRUST	CALL	
09290C 95 9	BLACKROCK ETF TRUST	PUT	
09290C 60 8 *	BLACKROCK ETF TRUST	WORLD EX US CARB	
09290C 90 8	BLACKROCK ETF TRUST	CALL	
09290C 95 8	BLACKROCK ETF TRUST	PUT	
09290C 70 7	BLACKROCK ETF TRUST	FUTURE CLIMATE	
09290C 80 6	BLACKROCK ETF TRUST	FUTURE US THEMES	
09290C 88 9	BLACKROCK ETF TRUST	FUT FIN AND TECH	
09352U 10 8 *	BLEND LABS INC	CL A	
09352U 90 8	BLEND LABS INC	CALL	
09352U 95 8	BLEND LABS INC	PUT	
09354A 10 0 *	BLINK CHARGING CO	COM	
09354A 90 0	BLINK CHARGING CO	CALL	
09354A 95 0	BLINK CHARGING CO	PUT	
09354A 11 8	BLINK CHARGING CO	*W EXP 02/16/202	DELETED
093671 10 5 *	BLOCK H & R INC	COM	
093671 90 5	BLOCK H & R INC	CALL	
093671 95 5	BLOCK H & R INC	PUT	
09370F 10 9	BLOCKCHAIN MOON ACQUISITN CO	COM	
09370F 11 7	BLOCKCHAIN MOON ACQUISITN CO	RIGHT 10/14/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 144

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09370F 12 5	BLOCKCHAIN MOON ACQUISITN CO	*W EXP 10/14/202	
09370F 20 8	BLOCKCHAIN MOON ACQUISITN CO	UNIT 10/14/2026	
093712 AH 0	BLOOM ENERGY CORP	NOTE 2.500% 8/1	
093712 10 7 *	BLOOM ENERGY CORP	COM CL A	
093712 90 7	BLOOM ENERGY CORP	CALL	
093712 95 7	BLOOM ENERGY CORP	PUT	
094235 AB 4	BLOOMIN BRANDS INC	NOTE 5.000% 5/0	
094235 10 8 *	BLOOMIN BRANDS INC	COM	
094235 90 8	BLOOMIN BRANDS INC	CALL	
094235 95 8	BLOOMIN BRANDS INC	PUT	
095229 10 0 *	AVANTAX INC	COM	
095229 90 0	AVANTAX INC	CALL	
095229 95 0	AVANTAX INC	PUT	
09523Q 20 0 *	BLUE APRON HLDGS INC	CL A NEW	
09523Q 90 0	BLUE APRON HLDGS INC	CALL	
09523Q 95 0	BLUE APRON HLDGS INC	PUT	
095306 10 6 *	BLUE BIRD CORP	COM	
095306 90 6	BLUE BIRD CORP	CALL	
095306 95 6	BLUE BIRD CORP	PUT	
09549B 10 4 *	BLUE FOUNDRY BANCORP	COM	
09549B 90 4	BLUE FOUNDRY BANCORP	CALL	
09549B 95 4	BLUE FOUNDRY BANCORP	PUT	
095633 10 3	BLUEJAY DIAGNOSTICS INC	COM	
09581B 10 3 *	BLUE OWL CAPITAL INC	COM CL A	
09581B 90 3	BLUE OWL CAPITAL INC	CALL	
09581B 95 3	BLUE OWL CAPITAL INC	PUT	
095825 10 5 *	BLUE RIDGE BANKSHARES INC VA	COM	
095825 90 5	BLUE RIDGE BANKSHARES INC VA	CALL	
095825 95 5	BLUE RIDGE BANKSHARES INC VA	PUT	
09606H 10 1	BLUE STAR FOODS CORP	COM	
09609G 10 0 *	BLUEBIRD BIO INC	COM	
09609G 90 0	BLUEBIRD BIO INC	CALL	
09609G 95 0	BLUEBIRD BIO INC	PUT	
09610B 10 8	BLUE WATER VACCINES INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 145

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09624H 20 8 *	BLUELINX HLDGS INC	COM NEW	
09624H 90 8	BLUELINX HLDGS INC	CALL	
09624H 95 8	BLUELINX HLDGS INC	PUT	
09627Y 10 9 *	BLUEPRINT MEDICINES CORP	COM	
09627Y 90 9	BLUEPRINT MEDICINES CORP	CALL	
09627Y 95 9	BLUEPRINT MEDICINES CORP	PUT	
096308 10 1 *	BLUEGREEN VACATIONS HLDG COR	CLASS A	
096308 90 1	BLUEGREEN VACATIONS HLDG COR	CALL	
096308 95 1	BLUEGREEN VACATIONS HLDG COR	PUT	
09631H 10 0 *	BLUEROCK HOMES TRUST INC	COM CL A	
09631H 90 0	BLUEROCK HOMES TRUST INC	CALL	
09631H 95 0	BLUEROCK HOMES TRUST INC	PUT	
09660L 10 5	BNY MELLON HIGH YIELD STRATE	SH BEN INT	
09661T 10 7	BNY MELLON ETF TRUST	US LRG CP CORE	
09661T 20 6	BNY MELLON ETF TRUST	US MDCP CORE EQT	
09661T 30 5	BNY MELLON ETF TRUST	US SMLCP CORE	
09661T 40 4	BNY MELLON ETF TRUST	INTERNATIONL EQT	
09661T 50 3	BNY MELLON ETF TRUST	EMRG MKT EQUIT	
09661T 60 2	BNY MELLON ETF TRUST	CORE BOND ETF	
09661T 70 1	BNY MELLON ETF TRUST	SHRT DUR CORP BD	
09661T 80 0	BNY MELLON ETF TRUST	HIGH YIELD BETA	
09661T 82 6	BNY MELLON ETF TRUST	GLOBAL INFRASCTR	
09661T 83 4	BNY MELLON ETF TRUST	CONCENTRATED INT	
09661T 84 2	BNY MELLON ETF TRUST	RESPONSIBLE HORI	
09661T 85 9	BNY MELLON ETF TRUST	ULTRA SHORT INCM	
09661T 86 7	BNY MELLON ETF TRUST	SUSTAINABLE US	
09661T 87 5	BNY MELLON ETF TRUST	SUSTAINABLE INTL	
09661T 88 3	BNY MELLON ETF TRUST	SUSTAINABLE GBL	
09662E 10 9	BNY MELLON STRATEGIC MUN BD	COM	
09662W 10 9	BNY MELLON MUN BD INFRASTRUC	COM SHS	
097023 10 5 *	BOEING CO	COM	
097023 90 5	BOEING CO	CALL	
097023 95 5	BOEING CO	PUT	
097235 10 5	BOGOTA FINL CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 146

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
09739D 10 0 *	BOISE CASCADE CO DEL	COM	
09739D 90 0	BOISE CASCADE CO DEL	CALL	
09739D 95 0	BOISE CASCADE CO DEL	PUT	
097702 10 4	BOLT BIOTHERAPEUTICS INC	COM	
09789C 10 1 *	BONDBLOXX ETF TRUST	USD HI YLD CONSU	
09789C 90 1	BONDBLOXX ETF TRUST	CALL	
09789C 95 1	BONDBLOXX ETF TRUST	PUT	
09789C 20 0 *	BONDBLOXX ETF TRUST	USD HI YLD NON C	
09789C 90 0	BONDBLOXX ETF TRUST	CALL	
09789C 95 0	BONDBLOXX ETF TRUST	PUT	
09789C 30 9 *	BONDBLOXX ETF TRUST	USD HI YLD FINAN	
09789C 90 9	BONDBLOXX ETF TRUST	CALL	
09789C 95 9	BONDBLOXX ETF TRUST	PUT	
09789C 40 8 *	BONDBLOXX ETF TRUST	USD HI YLD HEALT	
09789C 90 8	BONDBLOXX ETF TRUST	CALL	
09789C 95 8	BONDBLOXX ETF TRUST	PUT	
09789C 50 7 *	BONDBLOXX ETF TRUST	USD HI YLD TELEC	
09789C 90 7	BONDBLOXX ETF TRUST	CALL	
09789C 95 7	BONDBLOXX ETF TRUST	PUT	
09789C 60 6 *	BONDBLOXX ETF TRUST	USD HI YLD INDUS	
09789C 90 6	BONDBLOXX ETF TRUST	CALL	
09789C 95 6	BONDBLOXX ETF TRUST	PUT	
09789C 70 5	BONDBLOXX ETF TRUST	BB RT USD HI YLD	
09789C 78 8	BONDBLOXX ETF TRUST	BLOOMBERG SIX MN	
09789C 79 6	BONDBLOXX ETF TRUST	BLOOMBERG TWENTY	
09789C 80 4	BONDBLOXX ETF TRUST	B RT USD HI YLD	
09789C 81 2	BONDBLOXX ETF TRUST	BLOOMBERG TEN YR	
09789C 82 0	BONDBLOXX ETF TRUST	BLOOMBERG SEVEN	
09789C 83 8	BONDBLOXX ETF TRUST	BLOOMBERG FVE YR	
09789C 84 6	BONDBLOXX ETF TRUST	BLOOMBERG THREE	
09789C 85 3	BONDBLOXX ETF TRUST	BLOOMBERG TWO YR	
09789C 86 1	BONDBLOXX ETF TRUST	BLOOMBERG ONE YR	
09789C 87 9	BONDBLOXX ETF TRUST	JP MORGAN USD EM	
09789C 88 7	BONDBLOXX ETF TRUST	CCC RT USD HI YL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 147

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
097890 10 7 *	BONDBLOXX ETF TRUST	USD HI YLD ENERG	
097890 90 7	BONDBLOXX ETF TRUST	CALL	
097890 95 7	BONDBLOXX ETF TRUST	PUT	
098070 11 3	BONE BIOLOGICS CORP	*W EXP 10/13/202	
098070 30 3	BONE BIOLOGICS CORP	COM NEW	
098529 30 8	BONSO ELECTRS INTL INC	COM	
09857L AN 8	BOOKING HOLDINGS INC	NOTE 0.750% 5/0	
09857L 10 8 *	BOOKING HOLDINGS INC	COM	
09857L 90 8	BOOKING HOLDINGS INC	CALL	
09857L 95 8	BOOKING HOLDINGS INC	PUT	
099406 10 0 *	BOOT BARN HLDGS INC	COM	
099406 90 0	BOOT BARN HLDGS INC	CALL	
099406 95 0	BOOT BARN HLDGS INC	PUT	
09950L 20 3	BOQII HLDG LTD	SPONSORED ADS	
099502 10 6 *	BOOZ ALLEN HAMILTON HLDG COR	CL A	
099502 90 6	BOOZ ALLEN HAMILTON HLDG COR	CALL	
099502 95 6	BOOZ ALLEN HAMILTON HLDG COR	PUT	
099724 10 6 *	BORGWARNER INC	COM	
099724 90 6	BORGWARNER INC	CALL	
099724 95 6	BORGWARNER INC	PUT	
100557 10 7 *	BOSTON BEER INC	CL A	
100557 90 7	BOSTON BEER INC	CALL	
100557 95 7	BOSTON BEER INC	PUT	
101044 10 5 *	BOSTON OMAHA CORP	CL A COM STK	
101044 90 5	BOSTON OMAHA CORP	CALL	
101044 95 5	BOSTON OMAHA CORP	PUT	
101121 10 1 *	BOSTON PROPERTIES INC	COM	
101121 90 1	BOSTON PROPERTIES INC	CALL	
101121 95 1	BOSTON PROPERTIES INC	PUT	
101137 10 7 *	BOSTON SCIENTIFIC CORP	COM	
101137 90 7	BOSTON SCIENTIFIC CORP	CALL	
101137 95 7	BOSTON SCIENTIFIC CORP	PUT	
101137 20 6	BOSTON SCIENTIFIC CORP	5.50% CNV PFD A	
101507 10 1	SRH TOTAL RETURN FUND INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 148

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
10258P 10 2 *	BOWLERO CORP	CL A COM	
10258P 90 2	BOWLERO CORP	CALL	
10258P 95 2	BOWLERO CORP	PUT	
103002 10 1	BOWMAN CONSULTING GROUP LTD	COM	
10316T AB 0	BOX INC	NOTE	1/1
10316T 10 4 *	BOX INC	CL A	
10316T 90 4	BOX INC	CALL	
10316T 95 4	BOX INC	PUT	
103174 10 8 *	BOXED INC	COM	
103174 90 8	BOXED INC	CALL	
103174 95 8	BOXED INC	PUT	
103174 11 6	BOXED INC	*W EXP 12/08/202	DELETED
103197 10 9	BOXLIGHT CORP	COM CL A	
103304 10 1 *	BOYD GAMING CORP	COM	
103304 90 1	BOYD GAMING CORP	CALL	
103304 95 1	BOYD GAMING CORP	PUT	
104674 10 6 *	BRADY CORP	CL A	
104674 90 6	BRADY CORP	CALL	
104674 95 6	BRADY CORP	PUT	
10482B AB 7	BRAEMAR HOTELS & RESORTS INC	NOTE 4.500% 6/0	
10482B 10 1 *	BRAEMAR HOTELS & RESORTS INC	COM	
10482B 90 1	BRAEMAR HOTELS & RESORTS INC	CALL	
10482B 95 1	BRAEMAR HOTELS & RESORTS INC	PUT	
10482B 20 0	BRAEMAR HOTELS & RESORTS INC	5.5 CUM CV PFD B	
104833 30 6 *	BRAGG GAMING GROUP INC	COM NEW	
104833 90 6	BRAGG GAMING GROUP INC	CALL	
104833 95 6	BRAGG GAMING GROUP INC	PUT	
10501E 20 1 *	BRAINSTORM CELL THERAPEUTICS	COM NEW	
10501E 90 1	BRAINSTORM CELL THERAPEUTICS	CALL	
10501E 95 1	BRAINSTORM CELL THERAPEUTICS	PUT	
10501L 10 6	BRAINSWAY LTD	SPONSORED ADS	
105368 20 3 *	BRANDYWINE RLTY TR	SH BEN INT NEW	
105368 90 3	BRANDYWINE RLTY TR	CALL	
105368 95 3	BRANDYWINE RLTY TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 149

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
10537L 10 4	BRANDYWINEGBL GBL INCM OPP F	COM	
10552T 10 7 *	BRF SA	SPONSORED ADR	
10552T 90 7	BRF SA	CALL	
10552T 95 7	BRF SA	PUT	
105532 10 5	BRASKEM S A	SP ADR PFD A	
10554B 10 4	BRASILAGRO COMPANHIA BRASILE	SPONSORED ADR	
10576N 10 2 *	BRAZE INC	COM CL A	
10576N 90 2	BRAZE INC	CALL	
10576N 95 2	BRAZE INC	PUT	
105861 30 6	ATLAS LITHIUM CORP	COM NEW	ADDED
106762 10 7 *	BREEZE HOLDINGS ACQUISITN CO	COM	
106762 90 7	BREEZE HOLDINGS ACQUISITN CO	CALL	
106762 95 7	BREEZE HOLDINGS ACQUISITN CO	PUT	
106762 11 5	BREEZE HOLDINGS ACQUISITN CO	*W EXP 05/25/202	
106762 12 3	BREEZE HOLDINGS ACQUISITN CO	RIGHT 05/23/2022	
10778Y 11 2	BRIACELL THERAPEUTICS CORP	*W EXP 02/24/202	
10778Y 30 2 *	BRIACELL THERAPEUTICS CORP	COM NEW	
10778Y 90 2	BRIACELL THERAPEUTICS CORP	CALL	
10778Y 95 2	BRIACELL THERAPEUTICS CORP	PUT	
10802T 20 4	FRESH TRACKS THERAPEUTICS IN	COM NEW	
10806B 10 0 *	BRIDGE INVT GROUP HLDGS INC	COM CL A	
10806B 90 0	BRIDGE INVT GROUP HLDGS INC	CALL	
10806B 95 0	BRIDGE INVT GROUP HLDGS INC	PUT	
10806X AB 8	BRIDGEBIO PHARMA INC	NOTE 2.500% 3/1	
10806X AD 4	BRIDGEBIO PHARMA INC	NOTE 2.250% 2/0	
10806X 10 2 *	BRIDGEBIO PHARMA INC	COM	
10806X 90 2	BRIDGEBIO PHARMA INC	CALL	
10806X 95 2	BRIDGEBIO PHARMA INC	PUT	
10807Q 70 0	BRIDGELINE DIGITAL INC	COM	
108621 10 3 *	BRIDGEWATER BANCSHARES INC	COM ACCD INV	
108621 90 3	BRIDGEWATER BANCSHARES INC	CALL	
108621 95 3	BRIDGEWATER BANCSHARES INC	PUT	
108763 10 3	BRIDGFORD FOODS CORP	COM	
10919W 10 8	BRIGHT MINDS BIOSCIENCES INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 150

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
109194 10 0 *	BRIGHT HORIZONS FAM SOL IN D	COM	
109194 90 0	BRIGHT HORIZONS FAM SOL IN D	CALL	
109194 95 0	BRIGHT HORIZONS FAM SOL IN D	PUT	
109199 20 8	BRIGHT SCHOLAR ED HLDGS LTD	SPON ADS NEW	
10920G 10 0 *	BRIGHT GREEN CORP	COMMON STOCK	
10920G 90 0	BRIGHT GREEN CORP	CALL	
10920G 95 0	BRIGHT GREEN CORP	PUT	
10920V 10 7 *	BRIGHT HEALTH GROUP INC	COM	
10920V 90 7	BRIGHT HEALTH GROUP INC	CALL	
10920V 95 7	BRIGHT HEALTH GROUP INC	PUT	
10921T 10 1 *	BRIGHTCOVE INC	COM	
10921T 90 1	BRIGHTCOVE INC	CALL	
10921T 95 1	BRIGHTCOVE INC	PUT	
10922N 10 3 *	BRIGHTHOUSE FINL INC	COM	
10922N 90 3	BRIGHTHOUSE FINL INC	CALL	
10922N 95 3	BRIGHTHOUSE FINL INC	PUT	
10948C 10 7 *	BRIGHTVIEW HLDGS INC	COM	
10948C 90 7	BRIGHTVIEW HLDGS INC	CALL	
10948C 95 7	BRIGHTVIEW HLDGS INC	PUT	
10948W 10 3 *	BRIGHTSPHERE INVT GROUP INC	COM	
10948W 90 3	BRIGHTSPHERE INVT GROUP INC	CALL	
10948W 95 3	BRIGHTSPHERE INVT GROUP INC	PUT	
10949T 10 9 *	BRIGHTSPIRE CAPITAL INC	COM CL A	
10949T 90 9	BRIGHTSPIRE CAPITAL INC	CALL	
10949T 95 9	BRIGHTSPIRE CAPITAL INC	PUT	
109504 10 0 *	BRILLIANT EARTH GROUP INC	CL A COM	
109504 90 0	BRILLIANT EARTH GROUP INC	CALL	
109504 95 0	BRILLIANT EARTH GROUP INC	PUT	
109641 10 0 *	BRINKER INTL INC	COM	
109641 90 0	BRINKER INTL INC	CALL	
109641 95 0	BRINKER INTL INC	PUT	
109696 10 4 *	BRINKS CO	COM	
109696 90 4	BRINKS CO	CALL	
109696 95 4	BRINKS CO	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 151

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
110122 AN 8	BRISTOL-MYERS SQUIBB CO	FRNT 9/1	
110122 10 8 *	BRISTOL-MYERS SQUIBB CO	COM	
110122 90 8	BRISTOL-MYERS SQUIBB CO	CALL	
110122 95 8	BRISTOL-MYERS SQUIBB CO	PUT	
110122 14 0	BRISTOL-MYERS SQUIBB CO	RIGHT 12/30/2030	
11040G 10 3 *	BRISTOW GROUP INC	COM	
11040G 90 3	BRISTOW GROUP INC	CALL	
11040G 95 3	BRISTOW GROUP INC	PUT	
110448 10 7 *	BRITISH AMERN TOB PLC	SPONSORED ADR	
110448 90 7	BRITISH AMERN TOB PLC	CALL	
110448 95 7	BRITISH AMERN TOB PLC	PUT	
11120U 10 5 *	BRIXMOR PPTY GROUP INC	COM	
11120U 90 5	BRIXMOR PPTY GROUP INC	CALL	
11120U 95 5	BRIXMOR PPTY GROUP INC	PUT	
11125B 10 2	BROAD CAPITAL ACQUISITION CO	COM	
11125B 11 0	BROAD CAPITAL ACQUISITION CO	RIGHT 01/10/2027	
11125B 20 1	BROAD CAPITAL ACQUISITION CO	UNIT 01/10/2027	
11133T 10 3 *	BROADRIDGE FINL SOLUTIONS IN	COM	
11133T 90 3	BROADRIDGE FINL SOLUTIONS IN	CALL	
11133T 95 3	BROADRIDGE FINL SOLUTIONS IN	PUT	
11135B 10 0 *	BROADMARK RLTY CAP INC	COM	
11135B 90 0	BROADMARK RLTY CAP INC	CALL	
11135B 95 0	BROADMARK RLTY CAP INC	PUT	
11135B 11 8	BROADMARK RLTY CAP INC	*W EXP 11/15/202	DELETED
11135E 20 3 *	BROADSTONE NET LEASE INC	COM	
11135E 90 3	BROADSTONE NET LEASE INC	CALL	
11135E 95 3	BROADSTONE NET LEASE INC	PUT	
11135F 10 1 *	BROADCOM INC	COM	
11135F 90 1	BROADCOM INC	CALL	
11135F 95 1	BROADCOM INC	PUT	
111444 10 5 *	BROADWAY FINL CORP DEL	COM	
111444 90 5	BROADWAY FINL CORP DEL	CALL	
111444 95 5	BROADWAY FINL CORP DEL	PUT	
11161T 20 7 *	BROADWIND INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 152

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
11161T 90 7	BROADWIND INC	CALL	
11161T 95 7	BROADWIND INC	PUT	
112463 AC 8	BROOKDALE SR LIVING INC	NOTE 2.000%10/1	
112463 10 4 *	BROOKDALE SR LIVING INC	COM	
112463 90 4	BROOKDALE SR LIVING INC	CALL	
112463 95 4	BROOKDALE SR LIVING INC	PUT	
112463 30 2	BROOKDALE SR LIVING INC	UNIT 11/15/2023	
11259V 10 6 *	BROOKFIELD BUSINESS CORP	CL A EXC SUB VTG	
11259V 90 6	BROOKFIELD BUSINESS CORP	CALL	
11259V 95 6	BROOKFIELD BUSINESS CORP	PUT	
11271J 10 7 *	BROOKFIELD CORP	CL A LTD VT SH	
11271J 90 7	BROOKFIELD CORP	CALL	
11271J 95 7	BROOKFIELD CORP	PUT	
11275Q 10 7 *	BROOKFIELD INFRASTRUCTURE CO	COM SB VTG SHS A	
11275Q 90 7	BROOKFIELD INFRASTRUCTURE CO	CALL	
11275Q 95 7	BROOKFIELD INFRASTRUCTURE CO	PUT	
112830 10 4	BROOKFIELD REAL ASSETS INCOM	SHS BEN INT	
11284V 10 5 *	BROOKFIELD RENEWABLE CORP	CL A SUB VTG	
11284V 90 5	BROOKFIELD RENEWABLE CORP	CALL	
11284V 95 5	BROOKFIELD RENEWABLE CORP	PUT	
113004 10 5 *	BROOKFIELD ASSET MANAGMT LTD	CL A LMT VTG SHS	
113004 90 5	BROOKFIELD ASSET MANAGMT LTD	CALL	
113004 95 5	BROOKFIELD ASSET MANAGMT LTD	PUT	
11373M 10 7 *	BROOKLINE BANCORP INC DEL	COM	
11373M 90 7	BROOKLINE BANCORP INC DEL	CALL	
11373M 95 7	BROOKLINE BANCORP INC DEL	PUT	
114082 20 9 *	ETERNA THERAPEUTICS INC	COM NEW	
114082 90 9	ETERNA THERAPEUTICS INC	CALL	
114082 95 9	ETERNA THERAPEUTICS INC	PUT	
114340 10 2 *	AZENTA INC	COM	
114340 90 2	AZENTA INC	CALL	
114340 95 2	AZENTA INC	PUT	
115236 10 1 *	BROWN & BROWN INC	COM	
115236 90 1	BROWN & BROWN INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 153

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
115236 95 1	BROWN & BROWN INC	PUT	
115637 10 0 *	BROWN FORMAN CORP	CL A	
115637 90 0	BROWN FORMAN CORP	CALL	
115637 95 0	BROWN FORMAN CORP	PUT	
115637 20 9 *	BROWN FORMAN CORP	CL B	
115637 90 9	BROWN FORMAN CORP	CALL	
115637 95 9	BROWN FORMAN CORP	PUT	
116794 10 8 *	BRUKER CORP	COM	
116794 90 8	BRUKER CORP	CALL	
116794 95 8	BRUKER CORP	PUT	
117043 10 9 *	BRUNSWICK CORP	COM	
117043 90 9	BRUNSWICK CORP	CALL	
117043 95 9	BRUNSWICK CORP	PUT	
11750K 12 0	BRUUSH ORAL CARE INC	*W EXP 08/03/202	
11750K 20 3	BRUUSH ORAL CARE INC	COM	
11776U 30 0 *	BSQUARE CORP	COM NEW	
11776U 90 0	BSQUARE CORP	CALL	
11776U 95 0	BSQUARE CORP	PUT	
11777Q 20 9 *	B2GOLD CORP	COM	
11777Q 90 9	B2GOLD CORP	CALL	
11777Q 95 9	B2GOLD CORP	PUT	
118440 10 6 *	BUCKLE INC	COM	
118440 90 6	BUCKLE INC	CALL	
118440 95 6	BUCKLE INC	PUT	
120076 10 4 *	BUILD-A-BEAR WORKSHOP INC	COM	
120076 90 4	BUILD-A-BEAR WORKSHOP INC	CALL	
120076 95 4	BUILD-A-BEAR WORKSHOP INC	PUT	
12008J 10 5	BUILD ACQUISITION CORP	COM CLASS A	DELETED
12008J 20 4	BUILD ACQUISITION CORP	UNIT 99/99/9999	DELETED
12008R 10 7 *	BUILDERS FIRSTSOURCE INC	COM	
12008R 90 7	BUILDERS FIRSTSOURCE INC	CALL	
12008R 95 7	BUILDERS FIRSTSOURCE INC	PUT	
12009B 10 1 *	BUILD FUNDS TRUST	BOND INNOVATION	
12009B 90 1	BUILD FUNDS TRUST	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 154

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12009B 95 1	BUILD FUNDS TRUST	PUT	
12021E 10 9	BULLFROG AI HLDGS INC	COM	ADDED
12021E 11 7	BULLFROG AI HLDGS INC	*W EXP 01/18/202	ADDED
12047B 10 5 *	BUMBLE INC	COM CL A	
12047B 90 5	BUMBLE INC	CALL	
12047B 95 5	BUMBLE INC	PUT	
12122L 10 1 *	BURGERFI INTERNATIONAL INC	COM	
12122L 90 1	BURGERFI INTERNATIONAL INC	CALL	
12122L 95 1	BURGERFI INTERNATIONAL INC	PUT	
12122L 11 9	BURGERFI INTERNATIONAL INC	*W EXP 12/16/202	
122017 AB 2	BURLINGTON STORES INC	NOTE 2.250% 4/1	
122017 10 6 *	BURLINGTON STORES INC	COM	
122017 90 6	BURLINGTON STORES INC	CALL	
122017 95 6	BURLINGTON STORES INC	PUT	
12233L 10 7	BURNING ROCK BIOTECH LTD	SPONSORED ADS	
123013 10 4	BURTECH ACQUISITION CORP	CLASS A COM	
123013 11 2	BURTECH ACQUISITION CORP	*W EXP 12/18/202	
123013 20 3	BURTECH ACQUISITION CORP	UNIT 12/10/2026	
12326C 10 5 *	BUSINESS FIRST BANCSHARES IN	COM	
12326C 90 5	BUSINESS FIRST BANCSHARES IN	CALL	
12326C 95 5	BUSINESS FIRST BANCSHARES IN	PUT	
124155 10 2 *	BUTTERFLY NETWORK INC	COM CL A	
124155 90 2	BUTTERFLY NETWORK INC	CALL	
124155 95 2	BUTTERFLY NETWORK INC	PUT	
124155 11 0	BUTTERFLY NETWORK INC	*W EXP 02/12/202	
12430A 10 2 *	BUZZFEED INC	CLASS A COM	
12430A 90 2	BUZZFEED INC	CALL	
12430A 95 2	BUZZFEED INC	PUT	
12430A 11 0	BUZZFEED INC	*W EXP 12/03/202	
124411 10 9 *	BYLINE BANCORP INC	COM	
124411 90 9	BYLINE BANCORP INC	CALL	
124411 95 9	BYLINE BANCORP INC	PUT	
124420 10 0	BYNORDIC ACQUISITION CORP	CLASS A COM	
124420 11 8	BYNORDIC ACQUISITION CORP	*W EXP 07/01/202	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 155

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
124420 20 9	BYNORDIC ACQUISITION CORP	UNIT 07/01/2027	
12448X 20 1 *	BYRNA TECHNOLOGIES INC	COM NEW	
12448X 90 1	BYRNA TECHNOLOGIES INC	CALL	
12448X 95 1	BYRNA TECHNOLOGIES INC	PUT	
12466Q 10 4	C & F FINL CORP	COM	
12468P 10 4 *	C3 AI INC	CL A	
12468P 90 4	C3 AI INC	CALL	
12468P 95 4	C3 AI INC	PUT	
124765 10 8 *	CAE INC	COM	
124765 90 8	CAE INC	CALL	
124765 95 8	CAE INC	PUT	
12479G 10 1	CB FINL SVCS INC	COM	
124805 10 2 *	CBIZ INC	COM	
124805 90 2	CBIZ INC	CALL	
124805 95 2	CBIZ INC	PUT	
12482W 10 1 *	CBDMD INC	COM	
12482W 90 1	CBDMD INC	CALL	
12482W 95 1	CBDMD INC	PUT	
12482W 20 0	CBDMD INC	8% SER A CUM PFD	
124830 87 8 *	CBL & ASSOC PPTYS INC	COMMON STOCK	
124830 90 8	CBL & ASSOC PPTYS INC	CALL	
124830 95 8	CBL & ASSOC PPTYS INC	PUT	
12503M 10 8 *	CBOE GLOBAL MKTS INC	COM	
12503M 90 8	CBOE GLOBAL MKTS INC	CALL	
12503M 95 8	CBOE GLOBAL MKTS INC	PUT	
12504G 10 0	CBRE GBL REAL ESTATE INC FD	COM	
12504G 11 8	CBRE GBL REAL ESTATE INC FD	RIGHT 04/06/2023	ADDED
12504L 10 9 *	CBRE GROUP INC	CL A	
12504L 90 9	CBRE GROUP INC	CALL	
12504L 95 9	CBRE GROUP INC	PUT	
12510Q 10 0 *	CCC INTELLIGENT SOLUTIONS HL	COM	
12510Q 90 0	CCC INTELLIGENT SOLUTIONS HL	CALL	
12510Q 95 0	CCC INTELLIGENT SOLUTIONS HL	PUT	
12514G 10 8 *	CDW CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 156

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12514G 90 8	CDW CORP	CALL	
12514G 95 8	CDW CORP	PUT	
125141 10 1 *	CECO ENVIRONMENTAL CORP	COM	
125141 90 1	CECO ENVIRONMENTAL CORP	CALL	
125141 95 1	CECO ENVIRONMENTAL CORP	PUT	
12520C 10 9	CF ACQUISITION CORP VIII	CLASS A COM	
12520C 11 7	CF ACQUISITION CORP VIII	*W EXP 03/31/202	
12520C 20 8	CF ACQUISITION CORP VIII	UNIT 03/31/2028	
12520L 10 9	CF BANKSHARES INC	COM	
12520T 10 2	CF ACQUISITION CORP IV	COM CL A	
12520T 11 0	CF ACQUISITION CORP IV	*W EXP 12/31/202	
12520T 20 1	CF ACQUISITION CORP IV	UNIT 12/31/2027	
12521H 10 7	CF ACQUISITION CORP VII	CLASS A COM	
12521H 11 5	CF ACQUISITION CORP VII	*W EXP 03/16/202	
12521H 20 6	CF ACQUISITION CORP VII	UNIT 03/16/2028	
125269 10 0 *	CF INDS HLDGS INC	COM	
125269 90 0	CF INDS HLDGS INC	CALL	
125269 95 0	CF INDS HLDGS INC	PUT	
12529R 10 7 *	C4 THERAPEUTICS INC	COM STK	
12529R 90 7	C4 THERAPEUTICS INC	CALL	
12529R 95 7	C4 THERAPEUTICS INC	PUT	
12530C 10 7	CFSB BANCORP INC	COM	
12530D 10 5	C5 ACQUISITION CORPORATION	CL A COM	
12530D 11 3	C5 ACQUISITION CORPORATION	*W EXP 12/31/202	
12530D 20 4	C5 ACQUISITION CORPORATION	UNIT 99/99/9999	
12532H 10 4 *	CGI INC	CL A SUB VTG	
12532H 90 4	CGI INC	CALL	
12532H 95 4	CGI INC	PUT	
12541W 20 9 *	C H ROBINSON WORLDWIDE INC	COM NEW	
12541W 90 9	C H ROBINSON WORLDWIDE INC	CALL	
12541W 95 9	C H ROBINSON WORLDWIDE INC	PUT	
125491 10 0 *	CI FINL CORP	COM	DELETED
125491 90 0	CI FINL CORP	CALL	DELETED
125491 95 0	CI FINL CORP	PUT	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 157

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
125523 10 0 *	THE CIGNA GROUP	COM	
125523 90 0	THE CIGNA GROUP	CALL	
125523 95 0	THE CIGNA GROUP	PUT	
125525 58 4 *	CREATIVE MEDIA & CMNTY TR	COM NEW	
125525 90 4	CREATIVE MEDIA & CMNTY TR	CALL	
125525 95 4	CREATIVE MEDIA & CMNTY TR	PUT	
12561U 10 9	CIIG CAPITAL PARTNERS II INC	COM CL A	
12561U 11 7	CIIG CAPITAL PARTNERS II INC	*W EXP 02/28/202	
12561U 20 8	CIIG CAPITAL PARTNERS II INC	UNIT 02/28/2028	
12562N 10 4	CKX LDS INC	COM	
12572Q 10 5 *	CME GROUP INC	COM	
12572Q 90 5	CME GROUP INC	CALL	
12572Q 95 5	CME GROUP INC	PUT	
125896 10 0 *	CMS ENERGY CORP	COM	
125896 90 0	CMS ENERGY CORP	CALL	
125896 95 0	CMS ENERGY CORP	PUT	
125919 30 8	CPI AEROSTRUCTURES INC	COM NEW	
126117 10 0 *	CNA FINL CORP	COM	
126117 90 0	CNA FINL CORP	CALL	
126117 95 0	CNA FINL CORP	PUT	
126128 10 7 *	CNB FINL CORP PA	COM	
126128 90 7	CNB FINL CORP PA	CALL	
126128 95 7	CNB FINL CORP PA	PUT	
12618T 10 5 *	CRA INTL INC	COM	
12618T 90 5	CRA INTL INC	CALL	
12618T 95 5	CRA INTL INC	PUT	
12619F 10 4 *	CPS TECHNOLOGIES CORP	COM	
12619F 90 4	CPS TECHNOLOGIES CORP	CALL	
12619F 95 4	CPS TECHNOLOGIES CORP	PUT	
12621E 10 3 *	CNO FINL GROUP INC	COM	
12621E 90 3	CNO FINL GROUP INC	CALL	
12621E 95 3	CNO FINL GROUP INC	PUT	
12626K 20 3 *	CRH PLC	ADR	
12626K 90 3	CRH PLC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 158

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
12626K 95 3	CRH PLC	PUT	
126327 10 5 *	CS DISCO INC	COM	
126327 90 5	CS DISCO INC	CALL	
126327 95 5	CS DISCO INC	PUT	
12634H 20 0	CPI CARD GROUP INC	COM NEW	
126349 10 9 *	CSG SYS INTL INC	COM	
126349 90 9	CSG SYS INTL INC	CALL	
126349 95 9	CSG SYS INTL INC	PUT	
12637A 10 3 *	CSI COMPRESSCO LP	COM UNIT	
12637A 90 3	CSI COMPRESSCO LP	CALL	
12637A 95 3	CSI COMPRESSCO LP	PUT	
126389 10 5	CSP INC	COM	
126402 10 6 *	CSW INDUSTRIALS INC	COM	
126402 90 6	CSW INDUSTRIALS INC	CALL	
126402 95 6	CSW INDUSTRIALS INC	PUT	
126408 10 3 *	CSX CORP	COM	
126408 90 3	CSX CORP	CALL	
126408 95 3	CSX CORP	PUT	
12648L 60 1 *	CTI BIOPHARMA CORP	COM	
12648L 90 1	CTI BIOPHARMA CORP	CALL	
12648L 95 1	CTI BIOPHARMA CORP	PUT	
126501 10 5 *	CTS CORP	COM	
126501 90 5	CTS CORP	CALL	
126501 95 5	CTS CORP	PUT	
12653C AG 3	CNX RES CORP	NOTE 2.250% 5/0	
12653C 10 8 *	CNX RES CORP	COM	
12653C 90 8	CNX RES CORP	CALL	
12653C 95 8	CNX RES CORP	PUT	
126600 10 5 *	CVB FINL CORP	COM	
126600 90 5	CVB FINL CORP	CALL	
126600 95 5	CVB FINL CORP	PUT	
126601 10 3	CVD EQUIP CORP	COM	
12662P 10 8 *	CVR ENERGY INC	COM	
12662P 90 8	CVR ENERGY INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 159

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12662P 95 8	CVR ENERGY INC	PUT	
126633 20 5 *	CVR PARTNERS LP	COM	
126633 90 5	CVR PARTNERS LP	CALL	
126633 95 5	CVR PARTNERS LP	PUT	
126638 10 5 *	CVRX INC	COM	
126638 90 5	CVRX INC	CALL	
126638 95 5	CVRX INC	PUT	
126650 10 0 *	CVS HEALTH CORP	COM	
126650 90 0	CVS HEALTH CORP	CALL	
126650 95 0	CVS HEALTH CORP	PUT	
126677 10 3 *	CVENT HOLDING CORP	COMMON STOCK	
126677 90 3	CVENT HOLDING CORP	CALL	
126677 95 3	CVENT HOLDING CORP	PUT	
12674W 10 9 *	CABALETTA BIO INC	COM	
12674W 90 9	CABALETTA BIO INC	CALL	
12674W 95 9	CABALETTA BIO INC	PUT	
12685J AE 5	CABLE ONE INC	NOTE	3/1
12685J AG 0	CABLE ONE INC	NOTE	1.125% 3/1
12685J 10 5	CABLE ONE INC	COM	
127055 10 1 *	CABOT CORP	COM	
127055 90 1	CABOT CORP	CALL	
127055 95 1	CABOT CORP	PUT	
127097 10 3 *	COTERRA ENERGY INC	COM	
127097 90 3	COTERRA ENERGY INC	CALL	
127097 95 3	COTERRA ENERGY INC	PUT	
127190 30 4 *	CACI INTL INC	CL A	
127190 90 4	CACI INTL INC	CALL	
127190 95 4	CACI INTL INC	PUT	
127203 10 7 *	CACTUS INC	CL A	
127203 90 7	CACTUS INC	CALL	
127203 95 7	CACTUS INC	PUT	
127387 10 8 *	CADENCE DESIGN SYSTEM INC	COM	
127387 90 8	CADENCE DESIGN SYSTEM INC	CALL	
127387 95 8	CADENCE DESIGN SYSTEM INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 160

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12740C 10 3 *	CADENCE BANK	COM	
12740C 90 3	CADENCE BANK	CALL	
12740C 95 3	CADENCE BANK	PUT	
127537 20 7 *	CADIZ INC	COM NEW	
127537 90 7	CADIZ INC	CALL	
127537 95 7	CADIZ INC	PUT	
12763L 10 5 *	CADRE HLDGS INC	COM	
12763L 90 5	CADRE HLDGS INC	CALL	
12763L 95 5	CADRE HLDGS INC	PUT	
127636 10 8	CADRENAL THERAPEUTICS INC	COM	ADDED
12769G 10 0 *	CAESARS ENTERTAINMENT INC NE	COM	
12769G 90 0	CAESARS ENTERTAINMENT INC NE	CALL	
12769G 95 0	CAESARS ENTERTAINMENT INC NE	PUT	
128030 20 2 *	CAL MAINE FOODS INC	COM NEW	
128030 90 2	CAL MAINE FOODS INC	CALL	
128030 95 2	CAL MAINE FOODS INC	PUT	
128058 30 2 *	LISATA THERAPEUTICS INC	COM	
128058 90 2	LISATA THERAPEUTICS INC	CALL	
128058 95 2	LISATA THERAPEUTICS INC	PUT	
12811L 10 7	CALAMOS GBL DYN INCOME FUND	COM	
12811P 10 8	CALAMOS CONV & HIGH INCOME F	COM SHS	
12811T 20 9	CALAMOS ETF TR	ANTETOKOUNMPO GL	ADDED
12811V 10 5	CALAMOS DYNAMIC CONV & INCOM	COM	
128117 10 8	CALAMOS CONV OPPORTUNITIES &	SH BEN INT	
128118 10 6	CALAMOS GLOBAL TOTAL RETURN	COM SH BEN INT	
12812C 10 6	CALAMOS LNG SHR EQT DYNAMIC	COM	
128125 10 1	CALAMOS STRATEGIC TOTAL RETU	COM SH BEN INT	
128126 AD 1	CALAMP CORP	NOTE 2.000% 8/0	
128126 10 9 *	CALAMP CORP	COM	
128126 90 9	CALAMP CORP	CALL	
128126 95 9	CALAMP CORP	PUT	
128246 10 5 *	CALAVO GROWERS INC	COM	
128246 90 5	CALAVO GROWERS INC	CALL	
128246 95 5	CALAVO GROWERS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 161

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
129500 10 4 *	CALERES INC	COM	
129500 90 4	CALERES INC	CALL	
129500 95 4	CALERES INC	PUT	
13005U 10 1	CALIFORNIA BANCORP INC	COM	
13057Q 30 5 *	CALIFORNIA RES CORP	COM STOCK	
13057Q 90 5	CALIFORNIA RES CORP	CALL	
13057Q 95 5	CALIFORNIA RES CORP	PUT	
130788 10 2 *	CALIFORNIA WTR SVC GROUP	COM	
130788 90 2	CALIFORNIA WTR SVC GROUP	CALL	
130788 95 2	CALIFORNIA WTR SVC GROUP	PUT	
13089P 50 7 *	CALITHERA BIOSCIENCES INC	COM NEW	DELETED
13089P 90 7	CALITHERA BIOSCIENCES INC	CALL	DELETED
13089P 95 7	CALITHERA BIOSCIENCES INC	PUT	DELETED
13100M 50 9 *	CALIX INC	COM	
13100M 90 9	CALIX INC	CALL	
13100M 95 9	CALIX INC	PUT	
131193 AE 4	TOPGOLF CALLAWAY BRANDS CORP	NOTE 2.750% 5/0	
131193 10 4 *	TOPGOLF CALLAWAY BRANDS CORP	COM	
131193 90 4	TOPGOLF CALLAWAY BRANDS CORP	CALL	
131193 95 4	TOPGOLF CALLAWAY BRANDS CORP	PUT	
13123X 50 8 *	CALLON PETE CO DEL	COM	
13123X 90 8	CALLON PETE CO DEL	CALL	
13123X 95 8	CALLON PETE CO DEL	PUT	
13124Q 10 6 *	CALLIDITAS THERAPEUTICS AB	SPONSERED ADS	
13124Q 90 6	CALLIDITAS THERAPEUTICS AB	CALL	
13124Q 95 6	CALLIDITAS THERAPEUTICS AB	PUT	
131476 10 3 *	CALUMET SPECIALTY PRODS PART	UT LTD PARTNER	
131476 90 3	CALUMET SPECIALTY PRODS PART	CALL	
131476 95 3	CALUMET SPECIALTY PRODS PART	PUT	
13173L 10 7 *	CALYXT INC	COM	
13173L 90 7	CALYXT INC	CALL	
13173L 95 7	CALYXT INC	PUT	
13200M 60 7 *	CAMBER ENERGY INC	COM	
13200M 90 7	CAMBER ENERGY INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 162

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
13200M 95 7	CAMBER ENERGY INC	PUT	
132061 20 1 *	CAMBRIA ETF TR	SHSHLD YIELD ETF	
132061 90 1	CAMBRIA ETF TR	CALL	
132061 95 1	CAMBRIA ETF TR	PUT	
132061 30 0	CAMBRIA ETF TR	CAMBRIA FGN SHR	
132061 40 9	CAMBRIA ETF TR	GLOBAL VALUE ETF	
132061 50 8	CAMBRIA ETF TR	GLB MOMENT ETF	
132061 60 7	CAMBRIA ETF TR	GLB ASSET ALLO	
132061 70 6	CAMBRIA ETF TR	EMRG SHAREHLDR	
132061 80 5	CAMBRIA ETF TR	GBL TAIL RISK ET	
132061 81 3	CAMBRIA ETF TR	GBL REAL EST ETF	
132061 82 1 *	CAMBRIA ETF TR	CANNABIS ETF	
132061 90 1	CAMBRIA ETF TR	CALL	
132061 95 1	CAMBRIA ETF TR	PUT	
132061 83 9	CAMBRIA ETF TR	TRINITY	
132061 86 2 *	CAMBRIA ETF TR	TAIL RISK	
132061 90 2	CAMBRIA ETF TR	CALL	
132061 95 2	CAMBRIA ETF TR	PUT	
132061 88 8	CAMBRIA ETF TR	VALUE MOMENTUM	
132152 10 9	CAMBRIDGE BANCORP	COM	
133034 10 8 *	CAMDEN NATL CORP	COM	
133034 90 8	CAMDEN NATL CORP	CALL	
133034 95 8	CAMDEN NATL CORP	PUT	
133131 10 2 *	CAMDEN PPTY TR	SH BEN INT	
133131 90 2	CAMDEN PPTY TR	CALL	
133131 95 2	CAMDEN PPTY TR	PUT	
13321L 10 8 *	CAMECO CORP	COM	
13321L 90 8	CAMECO CORP	CALL	
13321L 95 8	CAMECO CORP	PUT	
134429 10 9 *	CAMPBELL SOUP CO	COM	
134429 90 9	CAMPBELL SOUP CO	CALL	
134429 95 9	CAMPBELL SOUP CO	PUT	
13462K 10 9 *	CAMPING WORLD HLDGS INC	CL A	
13462K 90 9	CAMPING WORLD HLDGS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 163

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
13462K 95 9	CAMPING WORLD HLDGS INC	PUT	
13471N 20 1	CAN FITE BIOFARMA LTD	SPONSORED ADS	DELETED
13471N 30 0	CAN FITE BIOFARMA LTD	SPONSORED ADR	ADDED
134748 10 2 *	CANAAN INC	SPONSORED ADS	
134748 90 2	CANAAN INC	CALL	
134748 95 2	CANAAN INC	PUT	
135086 10 6 *	CANADA GOOSE HLDGS INC	SHS SUB VTG	
135086 90 6	CANADA GOOSE HLDGS INC	CALL	
135086 95 6	CANADA GOOSE HLDGS INC	PUT	
136069 10 1 *	CANADIAN IMPERIAL BK COMM TO	COM	
136069 90 1	CANADIAN IMPERIAL BK COMM TO	CALL	
136069 95 1	CANADIAN IMPERIAL BK COMM TO	PUT	
136375 10 2 *	CANADIAN NATL RY CO	COM	
136375 90 2	CANADIAN NATL RY CO	CALL	
136375 95 2	CANADIAN NATL RY CO	PUT	
136385 10 1 *	CANADIAN NAT RES LTD	COM	
136385 90 1	CANADIAN NAT RES LTD	CALL	
136385 95 1	CANADIAN NAT RES LTD	PUT	
13645T 10 0 *	CANADIAN PAC RY LTD	COM	
13645T 90 0	CANADIAN PAC RY LTD	CALL	
13645T 95 0	CANADIAN PAC RY LTD	PUT	
136635 10 9 *	CANADIAN SOLAR INC	COM	
136635 90 9	CANADIAN SOLAR INC	CALL	
136635 95 9	CANADIAN SOLAR INC	PUT	
137404 10 9	CANDEL THERAPEUTICS INC	COM	
137586 10 3	CANGO INC	ADS	
13765N 10 7 *	CANNAE HLDGS INC	COM	
13765N 90 7	CANNAE HLDGS INC	CALL	
13765N 95 7	CANNAE HLDGS INC	PUT	
13767K 10 1	CANNA GLOBAL ACQUISITION COR	CLASS A COM	
13767K 11 9	CANNA GLOBAL ACQUISITION COR	*W EXP 11/30/202	
13767K 20 0	CANNA GLOBAL ACQUISITION COR	UNIT 11/30/2026	
13781Y 10 3 *	CANO HEALTH INC	COM CL A	
13781Y 90 3	CANO HEALTH INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 164

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
13781Y 95 3	CANO HEALTH INC	PUT	
13781Y 11 1	CANO HEALTH INC	*W EXP 06/03/202	
138006 30 9 *	CANON INC	SPONSORED ADR	DELETED
138006 90 9	CANON INC	CALL	DELETED
138006 95 9	CANON INC	PUT	DELETED
13803R 10 2 *	CANOO INC	COM CL A	
13803R 90 2	CANOO INC	CALL	
13803R 95 2	CANOO INC	PUT	
13803R 11 0	CANOO INC	*W EXP 12/21/202	
138035 10 0 *	CANOPY GROWTH CORP	COM	
138035 90 0	CANOPY GROWTH CORP	CALL	
138035 95 0	CANOPY GROWTH CORP	PUT	
138103 10 6 *	CANTALOUPE INC	COM	
138103 90 6	CANTALOUPE INC	CALL	
138103 95 6	CANTALOUPE INC	PUT	
13811E 10 1	CANTERBURY PK HLDG CORP	COM	
139674 10 5 *	CAPITAL CITY BK GROUP INC	COM	
139674 90 5	CAPITAL CITY BK GROUP INC	CALL	
139674 95 5	CAPITAL CITY BK GROUP INC	PUT	
139737 10 0 *	CAPITAL BANCORP INC MD	COM	
139737 90 0	CAPITAL BANCORP INC MD	CALL	
139737 95 0	CAPITAL BANCORP INC MD	PUT	
14019W 10 9	CAPITAL GROUP INTL FOCUS EQT	SHS CREATION UNI	
14020G 10 1 *	CAPITAL GROUP GROWTH ETF	SHS CREATION UNI	
14020G 90 1	CAPITAL GROUP GROWTH ETF	CALL	
14020G 95 1	CAPITAL GROUP GROWTH ETF	PUT	
14020V 10 8 *	CAPITAL GROUP CORE EQUITY ET	SHS CREATION UNI	
14020V 90 8	CAPITAL GROUP CORE EQUITY ET	CALL	
14020V 95 8	CAPITAL GROUP CORE EQUITY ET	PUT	
14020W 10 6 *	CAPITAL GROUP DIVIDEND VALUE	SHS CREATION UNI	
14020W 90 6	CAPITAL GROUP DIVIDEND VALUE	CALL	
14020W 95 6	CAPITAL GROUP DIVIDEND VALUE	PUT	
14020X 10 4	CAPITAL GROUP GBL GROWTH EQT	SHS CREATION UNI	
14020Y 10 2	CAPITAL GROUP FIXED INCOME E	CORE PLUS INCM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 165

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
14020Y 20 1	CAPITAL GROUP FIXED INCOME E	MUNICIPAL INCOME	
14020Y 30 0	CAPITAL GROUP FIXED INCOME E	US MULTI-SECTOR	
14020Y 40 9	CAPITAL GROUP FIXED INCOME E	SHORT DURATION	
14040H 10 5 *	CAPITAL ONE FINL CORP	COM	
14040H 90 5	CAPITAL ONE FINL CORP	CALL	
14040H 95 5	CAPITAL ONE FINL CORP	PUT	
140475 20 3	SONIDA SENIOR LIVING INC	COM	
140501 10 7 *	CAPITAL SOUTHWEST CORP	COM	
140501 90 7	CAPITAL SOUTHWEST CORP	CALL	
140501 95 7	CAPITAL SOUTHWEST CORP	PUT	
14057J 10 1 *	CAPITOL FED FINL INC	COM	
14057J 90 1	CAPITOL FED FINL INC	CALL	
14057J 95 1	CAPITOL FED FINL INC	PUT	
14064D 55 0	CAPITOL SER TR	FAIRLEAD TACTICA	
14064D 56 8 *	CAPITOL SER TR	CLOCKWISE CAPITA	
14064D 90 8	CAPITOL SER TR	CALL	
14064D 95 8	CAPITOL SER TR	PUT	
14067D 50 8 *	CAPSTONE GREEN ENERGY CORP	COM	
14067D 90 8	CAPSTONE GREEN ENERGY CORP	CALL	
14067D 95 8	CAPSTONE GREEN ENERGY CORP	PUT	
14070B 30 9 *	CAPRICOR THERAPEUTICS INC	COM NEW	
14070B 90 9	CAPRICOR THERAPEUTICS INC	CALL	
14070B 95 9	CAPRICOR THERAPEUTICS INC	PUT	
14070T 10 2 *	CAPSTAR FINL HLDGS INC	COM	
14070T 90 2	CAPSTAR FINL HLDGS INC	CALL	
14070T 95 2	CAPSTAR FINL HLDGS INC	PUT	
140755 10 9 *	CARA THERAPEUTICS INC	COM	
140755 90 9	CARA THERAPEUTICS INC	CALL	
140755 95 9	CARA THERAPEUTICS INC	PUT	
14147L 10 8 *	CARDIFF ONCOLOGY INC	COM	
14147L 90 8	CARDIFF ONCOLOGY INC	CALL	
14147L 95 8	CARDIFF ONCOLOGY INC	PUT	
14149Y 10 8 *	CARDINAL HEALTH INC	COM	
14149Y 90 8	CARDINAL HEALTH INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 166

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
14149Y 95 8	CARDINAL HEALTH INC	PUT	
14159C 10 3	CARDIO DIAGNOSTICS HOLDGS IN	COMMON STOCK	
14159C 11 1	CARDIO DIAGNOSTICS HOLDGS IN	*W EXP 12/01/202	
14161W AB 1	CARDLYTICS INC	NOTE 1.000% 9/1	
14161W 10 5 *	CARDLYTICS INC	COM	
14161W 90 5	CARDLYTICS INC	CALL	
14161W 95 5	CARDLYTICS INC	PUT	
14161Y 20 0 *	CARDIOL THERAPEUTICS INC	COM CL A	
14161Y 90 0	CARDIOL THERAPEUTICS INC	CALL	
14161Y 95 0	CARDIOL THERAPEUTICS INC	PUT	
141619 10 6 *	CARDIOVASCULAR SYS INC DEL	COM	
141619 90 6	CARDIOVASCULAR SYS INC DEL	CALL	
141619 95 6	CARDIOVASCULAR SYS INC DEL	PUT	
14167L 10 3 *	CAREDX INC	COM	
14167L 90 3	CAREDX INC	CALL	
14167L 95 3	CAREDX INC	PUT	
14167R 10 0 *	CARECLOUD INC	COM	
14167R 90 0	CARECLOUD INC	CALL	
14167R 95 0	CARECLOUD INC	PUT	
14171W 10 3 *	CAREMAX INC	COM CL A	
14171W 90 3	CAREMAX INC	CALL	
14171W 95 3	CAREMAX INC	PUT	
14171W 11 1	CAREMAX INC	*W EXP 06/08/202	
14174T 10 7 *	CARETRUST REIT INC	COM	
14174T 90 7	CARETRUST REIT INC	CALL	
14174T 95 7	CARETRUST REIT INC	PUT	
141788 10 9 *	CARGURUS INC	COM CL A	
141788 90 9	CARGURUS INC	CALL	
141788 95 9	CARGURUS INC	PUT	
142038 10 8 *	CARIBOU BIOSCIENCES INC	COM	
142038 90 8	CARIBOU BIOSCIENCES INC	CALL	
142038 95 8	CARIBOU BIOSCIENCES INC	PUT	
14216R 10 1 *	CARISMA THERAPEUTICS INC	COM	ADDED
14216R 90 1	CARISMA THERAPEUTICS INC	CALL	ADDED



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 167

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
14216R 95 1	CARISMA THERAPEUTICS INC	PUT	ADDED
142339 10 0 *	CARLISLE COS INC	COM	
142339 90 0	CARLISLE COS INC	CALL	
142339 95 0	CARLISLE COS INC	PUT	
143130 10 2 *	CARMAX INC	COM	
143130 90 2	CARMAX INC	CALL	
143130 95 2	CARMAX INC	PUT	
14316J 10 8 *	CARLYLE GROUP INC	COM	
14316J 90 8	CARLYLE GROUP INC	CALL	
14316J 95 8	CARLYLE GROUP INC	PUT	
143636 10 8	CARNEY TECHNOLOGY ACQU CORP	CL A COMMON STK	DELETED
143636 11 6	CARNEY TECHNOLOGY ACQU CORP	*W EXP 11/30/202	DELETED
143636 20 7	CARNEY TECHNOLOGY ACQU CORP	UNIT 12/10/2025	DELETED
14365C 10 3 *	CARNIVAL PLC	ADR	
14365C 90 3	CARNIVAL PLC	CALL	
14365C 95 3	CARNIVAL PLC	PUT	
143658 BE 1	CARNIVAL CORP	NOTE 5.750% 4/0	DELETED
143658 BT 8	CARNIVAL CORP	NOTE 5.750%10/0	
143658 30 0 *	CARNIVAL CORP	COMMON STOCK	
143658 90 0	CARNIVAL CORP	CALL	
143658 95 0	CARNIVAL CORP	PUT	
143905 10 7 *	CARRIAGE SVCS INC	COM	
143905 90 7	CARRIAGE SVCS INC	CALL	
143905 95 7	CARRIAGE SVCS INC	PUT	
14427M 10 7 *	CARPARTS COM INC	COM	
14427M 90 7	CARPARTS COM INC	CALL	
14427M 95 7	CARPARTS COM INC	PUT	
144285 10 3 *	CARPENTER TECHNOLOGY CORP	COM	
144285 90 3	CARPENTER TECHNOLOGY CORP	CALL	
144285 95 3	CARPENTER TECHNOLOGY CORP	PUT	
14448C 10 4 *	CARRIER GLOBAL CORPORATION	COM	
14448C 90 4	CARRIER GLOBAL CORPORATION	CALL	
14448C 95 4	CARRIER GLOBAL CORPORATION	PUT	
14574X 10 4 *	CARROLS RESTAURANT GROUP INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 168

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
14574X 90 4	CARROLS RESTAURANT GROUP INC	CALL	
14574X 95 4	CARROLS RESTAURANT GROUP INC	PUT	
14575E 10 5 *	CARS COM INC	COM	
14575E 90 5	CARS COM INC	CALL	
14575E 95 5	CARS COM INC	PUT	
146103 10 6 *	CARTER BANKSHARES INC	COM NEW	
146103 90 6	CARTER BANKSHARES INC	CALL	
146103 95 6	CARTER BANKSHARES INC	PUT	
146229 10 9 *	CARTERS INC	COM	
146229 90 9	CARTERS INC	CALL	
146229 95 9	CARTERS INC	PUT	
146869 10 2 *	CARVANA CO	CL A	
146869 90 2	CARVANA CO	CALL	
146869 95 2	CARVANA CO	PUT	
146875 60 4	CARVER BANCORP INC	COM NEW	
14713L 10 2 *	CASA SYS INC	COM	
14713L 90 2	CASA SYS INC	CALL	
14713L 95 2	CASA SYS INC	PUT	
14739D 10 0	CASCADIA ACQUISITION CORP	CLASS A COM	
14739D 11 8	CASCADIA ACQUISITION CORP	*W EXP 09/30/202	
14739D 20 9	CASCADIA ACQUISITION CORP	UNIT 09/30/2028	
147448 10 4 *	CASELLA WASTE SYS INC	CL A	
147448 90 4	CASELLA WASTE SYS INC	CALL	
147448 95 4	CASELLA WASTE SYS INC	PUT	
147528 10 3 *	CASEYS GEN STORES INC	COM	
147528 90 3	CASEYS GEN STORES INC	CALL	
147528 95 3	CASEYS GEN STORES INC	PUT	
14757U 20 8 *	CASI PHARMACEUTICALS INC	COM NEW	DELETED
14757U 90 8	CASI PHARMACEUTICALS INC	CALL	DELETED
14757U 95 8	CASI PHARMACEUTICALS INC	PUT	DELETED
14808P 10 9 *	CASS INFORMATION SYS INC	COM	
14808P 90 9	CASS INFORMATION SYS INC	CALL	
14808P 95 9	CASS INFORMATION SYS INC	PUT	
14817C 10 7 *	CASSAVA SCIENCES INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 169

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
14817C 90 7	CASSAVA SCIENCES INC	CALL	
14817C 95 7	CASSAVA SCIENCES INC	PUT	
14838T 20 4	CASTELLUM INC	COM NEW	
14843C 10 5 *	CASTLE BIOSCIENCES INC	COM	
14843C 90 5	CASTLE BIOSCIENCES INC	CALL	
14843C 95 5	CASTLE BIOSCIENCES INC	PUT	
148806 10 2 *	CATALENT INC	COM	
148806 90 2	CATALENT INC	CALL	
148806 95 2	CATALENT INC	PUT	
14888D 20 8 *	CATALYST BIOSCIENCES INC	COM NEW	
14888D 90 8	CATALYST BIOSCIENCES INC	CALL	
14888D 95 8	CATALYST BIOSCIENCES INC	PUT	
14888L 10 1	CATALYST BANCORP INC	COMMON STOCK	
14888U 10 1 *	CATALYST PHARMACEUTICALS INC	COM	
14888U 90 1	CATALYST PHARMACEUTICALS INC	CALL	
14888U 95 1	CATALYST PHARMACEUTICALS INC	PUT	
149123 10 1 *	CATERPILLAR INC	COM	
149123 90 1	CATERPILLAR INC	CALL	
149123 95 1	CATERPILLAR INC	PUT	
149150 10 4 *	CATHAY GEN BANCORP	COM	
149150 90 4	CATHAY GEN BANCORP	CALL	
149150 95 4	CATHAY GEN BANCORP	PUT	
149205 10 6 *	CATO CORP NEW	CL A	
149205 90 6	CATO CORP NEW	CALL	
149205 95 6	CATO CORP NEW	PUT	
149568 10 7 *	CAVCO INDS INC DEL	COM	
149568 90 7	CAVCO INDS INC DEL	CALL	
149568 95 7	CAVCO INDS INC DEL	PUT	
14986C 10 2 *	CBAK ENERGY TECHNOLOGY INC	COM	
14986C 90 2	CBAK ENERGY TECHNOLOGY INC	CALL	
14986C 95 2	CBAK ENERGY TECHNOLOGY INC	PUT	
14986T AA 3	CAZOO GROUP LTD	DEBT 2.000% 2/1	
150185 10 6 *	CEDAR FAIR L P	DEPOSITRY UNIT	
150185 90 6	CEDAR FAIR L P	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 170

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
150185 95 6	CEDAR FAIR L P	PUT	
150837 60 7 *	CEL-SCI CORP	COM PAR NEW	
150837 90 7	CEL-SCI CORP	CALL	
150837 95 7	CEL-SCI CORP	PUT	
150870 10 3 *	CELANESE CORP DEL	COM	
150870 90 3	CELANESE CORP DEL	CALL	
150870 95 3	CELANESE CORP DEL	PUT	
15101Q 10 8 *	CELESTICA INC	SUB VTG SHS	
15101Q 90 8	CELESTICA INC	CALL	
15101Q 95 8	CELESTICA INC	PUT	
15102K 10 0 *	CELCUITY INC	COM	
15102K 90 0	CELCUITY INC	CALL	
15102K 95 0	CELCUITY INC	PUT	
15117B 20 2 *	CELLDEX THERAPEUTICS INC NEW	COM NEW	
15117B 90 2	CELLDEX THERAPEUTICS INC NEW	CALL	
15117B 95 2	CELLDEX THERAPEUTICS INC NEW	PUT	
15117F 80 7	CELLECTAR BIOSCIENCES INC	COM NEW	
15117K 10 3 *	CELLECTIS S A	SPON ADS	
15117K 90 3	CELLECTIS S A	CALL	
15117K 95 3	CELLECTIS S A	PUT	
15117N 60 2	IMUNON INC	COM	
15118V 20 7 *	CELSIUS HLDGS INC	COM NEW	
15118V 90 7	CELSIUS HLDGS INC	CALL	
15118V 95 7	CELSIUS HLDGS INC	PUT	
151190 10 5 *	CELULARITY INC	COM CL A	
151190 90 5	CELULARITY INC	CALL	
151190 95 5	CELULARITY INC	PUT	
151190 11 3	CELULARITY INC	*W EXP 07/16/202	
151205 20 0	CELYAD ONCOLOGY SA	ADR	
15126Q 20 8	CEMENTOS PACASMAYO S A A	SPONSORED ADR	
151290 88 9 *	CEMEX SAB DE CV	SPON ADR NEW	
151290 90 9	CEMEX SAB DE CV	CALL	
151290 95 9	CEMEX SAB DE CV	PUT	
15130G 60 0	CEMTREX INC	COM NEW	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 171

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
15130G 70 9	CENTREX INC	COM NEW	ADDED
15130M 10 2	CENAQ ENERGY CORP	CLASS A ORD SHS	DELETED
15130M 11 0	CENAQ ENERGY CORP	*W EXP 02/04/202	DELETED
15130M 20 1	CENAQ ENERGY CORP	UNIT 02/04/2026	DELETED
15135B 10 1 *	CENTENE CORP DEL	COM	
15135B 90 1	CENTENE CORP DEL	CALL	
15135B 95 1	CENTENE CORP DEL	PUT	
15135U 10 9 *	CENOVUS ENERGY INC	COM	
15135U 90 9	CENOVUS ENERGY INC	CALL	
15135U 95 9	CENOVUS ENERGY INC	PUT	
15135U 11 7	CENOVUS ENERGY INC	*W EXP 01/01/202	
15136A AA 0	PERMIAN RESOURCES CORP	NOTE 3.250% 4/0	
151461 20 9	CENTER COAST BRKFLD MLP ENRG	SHS BEN INT	
15189T 10 7 *	CENTERPOINT ENERGY INC	COM	
15189T 90 7	CENTERPOINT ENERGY INC	CALL	
15189T 95 7	CENTERPOINT ENERGY INC	PUT	
152006 10 2 *	CENTERRA GOLD INC	COM	
152006 90 2	CENTERRA GOLD INC	CALL	
152006 95 2	CENTERRA GOLD INC	PUT	
15202L 10 7 *	CENTERSPACE	COM	
15202L 90 7	CENTERSPACE	CALL	
15202L 95 7	CENTERSPACE	PUT	
152309 10 0 *	CENTESEA PHARMACEUTICALS PLC	SPONSORED ADS	
152309 90 0	CENTESEA PHARMACEUTICALS PLC	CALL	
152309 95 0	CENTESEA PHARMACEUTICALS PLC	PUT	
15234Q 10 8	CENTRAIS ELETRICAS BRASILEIR	SPON ADR PFD B	
15234Q 20 7	CENTRAIS ELETRICAS BRASILEIR	SPONSORED ADR	
153436 10 0	CENTRAL & EASTERN EUROPE FD	COM	
153527 10 6 *	CENTRAL GARDEN & PET CO	COM	
153527 90 6	CENTRAL GARDEN & PET CO	CALL	
153527 95 6	CENTRAL GARDEN & PET CO	PUT	
153527 20 5 *	CENTRAL GARDEN & PET CO	CL A NON-VTG	
153527 90 5	CENTRAL GARDEN & PET CO	CALL	
153527 95 5	CENTRAL GARDEN & PET CO	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 172

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
154760 40 9 *	CENTRAL PAC FINL CORP	COM NEW	
154760 90 9	CENTRAL PAC FINL CORP	CALL	
154760 95 9	CENTRAL PAC FINL CORP	PUT	
155038 20 1 *	CENTRAL PUERTO S A	SPONSORED ADR	
155038 90 1	CENTRAL PUERTO S A	CALL	
155038 95 1	CENTRAL PUERTO S A	PUT	
155123 10 2	CENTRAL SECS CORP	COM	
155685 10 0 *	CENTRAL VY CMNTY BANCORP	COM	
155685 90 0	CENTRAL VY CMNTY BANCORP	CALL	
155685 95 0	CENTRAL VY CMNTY BANCORP	PUT	
15643U 10 4 *	CENTRUS ENERGY CORP	CL A	
15643U 90 4	CENTRUS ENERGY CORP	CALL	
15643U 95 4	CENTRUS ENERGY CORP	PUT	
156431 AQ 1	CENTURY ALUM CO	NOTE 2.750% 5/0	
156431 10 8 *	CENTURY ALUM CO	COM	
156431 90 8	CENTURY ALUM CO	CALL	
156431 95 8	CENTURY ALUM CO	PUT	
156492 10 0 *	CENTURY CASINOS INC	COM	
156492 90 0	CENTURY CASINOS INC	CALL	
156492 95 0	CENTURY CASINOS INC	PUT	
156504 30 0 *	CENTURY CMNTYS INC	COM	
156504 90 0	CENTURY CMNTYS INC	CALL	
156504 95 0	CENTURY CMNTYS INC	PUT	
15672X 10 2 *	CERBERUS CYBER SENTINEL CORP	COM	
15672X 90 2	CERBERUS CYBER SENTINEL CORP	CALL	
15672X 95 2	CERBERUS CYBER SENTINEL CORP	PUT	
156727 AB 5	CERENCE INC	NOTE 3.000% 6/0	
156727 10 9 *	CERENCE INC	COM	
156727 90 9	CERENCE INC	CALL	
156727 95 9	CERENCE INC	PUT	
15673T 10 0 *	CENTURY THERAPEUTICS INC	COM	
15673T 90 0	CENTURY THERAPEUTICS INC	CALL	
15673T 95 0	CENTURY THERAPEUTICS INC	PUT	
15673X 10 1	CEPTON INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 173

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
15673X 11 9	CEPTON INC	*W EXP 06/01/202	
15677J AD 0	CERIDIAN HCM HLDG INC	NOTE 0.250% 3/1	
15677J 10 8 *	CERIDIAN HCM HLDG INC	COM	
15677J 90 8	CERIDIAN HCM HLDG INC	CALL	
15677J 95 8	CERIDIAN HCM HLDG INC	PUT	
15678U 12 8 *	CEREVEL THERAPEUTICS HLDNG I	COM	
15678U 90 8	CEREVEL THERAPEUTICS HLDNG I	CALL	
15678U 95 8	CEREVEL THERAPEUTICS HLDNG I	PUT	
15687V 10 9 *	CERTARA INC	COM	
15687V 90 9	CERTARA INC	CALL	
15687V 95 9	CERTARA INC	PUT	
157085 10 1 *	CERUS CORP	COM	
157085 90 1	CERUS CORP	CALL	
157085 95 1	CERUS CORP	PUT	
15719Y 10 5	CETUS CAP ACQUISITION CORP	CLASS A COM	ADDED
15719Y 11 3	CETUS CAP ACQUISITION CORP	*W EXP 01/31/202	ADDED
15719Y 12 1	CETUS CAP ACQUISITION CORP	RIGHT 03/31/2024	ADDED
15719Y 20 4	CETUS CAP ACQUISITION CORP	UNIT 01/30/2028	ADDED
157210 10 5 *	CEVA INC	COM	
157210 90 5	CEVA INC	CALL	
157210 95 5	CEVA INC	PUT	
15870P 30 7 *	CHAMPIONS ONCOLOGY INC	COM NEW	
15870P 90 7	CHAMPIONS ONCOLOGY INC	CALL	
15870P 95 7	CHAMPIONS ONCOLOGY INC	PUT	
15872M 10 4 *	CHAMPIONX CORPORATION	COM	
15872M 90 4	CHAMPIONX CORPORATION	CALL	
15872M 95 4	CHAMPIONX CORPORATION	PUT	
15912K 20 9	CHANGE HEALTHCARE INC	UNIT 06/30/2022	
15957P 30 3 *	CHARAH SOLUTIONS INC	COM	
15957P 90 3	CHARAH SOLUTIONS INC	CALL	
15957P 95 3	CHARAH SOLUTIONS INC	PUT	
15961R 10 5 *	CHARGEPOINT HOLDINGS INC	COM CL A	
15961R 90 5	CHARGEPOINT HOLDINGS INC	CALL	
15961R 95 5	CHARGEPOINT HOLDINGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 174

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
159610 10 4 *	CHARGE ENTERPRISES INC	COM	
159610 90 4	CHARGE ENTERPRISES INC	CALL	
159610 95 4	CHARGE ENTERPRISES INC	PUT	
159765 10 6	CHARLES & COLVARD LTD	COM	
159864 10 7 *	CHARLES RIV LABS INTL INC	COM	
159864 90 7	CHARLES RIV LABS INTL INC	CALL	
159864 95 7	CHARLES RIV LABS INTL INC	PUT	
16115Q AE 0	CHART INDS INC	NOTE 1.000%11/1	ADDED
16115Q 30 8 *	CHART INDS INC	COM	
16115Q 90 8	CHART INDS INC	CALL	
16115Q 95 8	CHART INDS INC	PUT	
16115Q 40 7	CHART INDS INC	6.75DP CNV PFD B	
16119P 10 8 *	CHARTER COMMUNICATIONS INC N	CL A	
16119P 90 8	CHARTER COMMUNICATIONS INC N	CALL	
16119P 95 8	CHARTER COMMUNICATIONS INC N	PUT	
16150R 10 4 *	CHASE CORP	COM	
16150R 90 4	CHASE CORP	CALL	
16150R 95 4	CHASE CORP	PUT	
16208T 10 2 *	CHATHAM LODGING TR	COM	
16208T 90 2	CHATHAM LODGING TR	CALL	
16208T 95 2	CHATHAM LODGING TR	PUT	
162828 20 6 *	CHECKPOINT THERAPEUTICS INC	COM NEW	
162828 90 6	CHECKPOINT THERAPEUTICS INC	CALL	
162828 95 6	CHECKPOINT THERAPEUTICS INC	PUT	
163072 AA 9	CHEESECAKE FACTORY INC	NOTE 0.375% 6/1	
163072 10 1 *	CHEESECAKE FACTORY INC	COM	
163072 90 1	CHEESECAKE FACTORY INC	CALL	
163072 95 1	CHEESECAKE FACTORY INC	PUT	
163075 20 3 *	CHEETAH MOBILE INC	SPONSORED ADS	
163075 90 3	CHEETAH MOBILE INC	CALL	
163075 95 3	CHEETAH MOBILE INC	PUT	
163086 AB 7	CHEFS WHSE INC	NOTE 1.875%12/0	
163086 10 1 *	CHEFS WHSE INC	COM	
163086 90 1	CHEFS WHSE INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 175

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
163086 95 1	CHEFS WHSE INC	PUT	
163092 AD 1	CHEGG INC	NOTE 0.125% 3/1	
163092 AF 6	CHEGG INC	NOTE 9/0	
163092 10 9 *	CHEGG INC	COM	
163092 90 9	CHEGG INC	CALL	
163092 95 9	CHEGG INC	PUT	
163572 20 9 *	CHEMBIO DIAGNOSTICS INC	COM NEW	
163572 90 9	CHEMBIO DIAGNOSTICS INC	CALL	
163572 95 9	CHEMBIO DIAGNOSTICS INC	PUT	
16359R 10 3 *	CHEMED CORP NEW	COM	
16359R 90 3	CHEMED CORP NEW	CALL	
16359R 95 3	CHEMED CORP NEW	PUT	
16385C 10 4	CHEMOMAB THERAPEUTICS LTD	SPONSORED ADS	
163851 10 8 *	CHEMOURS CO	COM	
163851 90 8	CHEMOURS CO	CALL	
163851 95 8	CHEMOURS CO	PUT	
164024 10 1	CHEMUNG FINL CORP	COM	
16411Q 10 1 *	CHENIERE ENERGY PARTNERS LP	COM UNIT	
16411Q 90 1	CHENIERE ENERGY PARTNERS LP	CALL	
16411Q 95 1	CHENIERE ENERGY PARTNERS LP	PUT	
16411R 20 8 *	CHENIERE ENERGY INC	COM NEW	
16411R 90 8	CHENIERE ENERGY INC	CALL	
16411R 95 8	CHENIERE ENERGY INC	PUT	
164651 10 1 *	CHERRY HILL MTG INVT CORP	COM	
164651 90 1	CHERRY HILL MTG INVT CORP	CALL	
164651 95 1	CHERRY HILL MTG INVT CORP	PUT	
165167 16 4	CHESAPEAKE ENERGY CORP	*W EXP 02/09/202	
165167 17 2	CHESAPEAKE ENERGY CORP	*W EXP 02/09/202	
165167 18 0	CHESAPEAKE ENERGY CORP	*W EXP 02/09/202	
165167 73 5 *	CHESAPEAKE ENERGY CORP	COM	
165167 90 5	CHESAPEAKE ENERGY CORP	CALL	
165167 95 5	CHESAPEAKE ENERGY CORP	PUT	
165303 10 8 *	CHESAPEAKE UTILS CORP	COM	
165303 90 8	CHESAPEAKE UTILS CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 176

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
165303 95 8	CHESAPEAKE UTILS CORP	PUT	
166764 10 0 *	CHEVRON CORP NEW	COM	
166764 90 0	CHEVRON CORP NEW	CALL	
166764 95 0	CHEVRON CORP NEW	PUT	
16679L 10 9 *	CHEWY INC	CL A	
16679L 90 9	CHEWY INC	CALL	
16679L 95 9	CHEWY INC	PUT	
167239 10 2 *	CHICAGO ATLANTIC REAL ESTATE	COM	
167239 90 2	CHICAGO ATLANTIC REAL ESTATE	CALL	
167239 95 2	CHICAGO ATLANTIC REAL ESTATE	PUT	
168088 10 2	CHICAGO RIVET & MACH CO	COM	
16842Q 10 0 *	CHICKEN SOUP FOR THE SOUL EN	CL A	
16842Q 90 0	CHICKEN SOUP FOR THE SOUL EN	CALL	
16842Q 95 0	CHICKEN SOUP FOR THE SOUL EN	PUT	
16842Q 13 4	CHICKEN SOUP FOR THE SOUL EN	*W EXP 10/22/202	
168615 10 2 *	CHICOS FAS INC	COM	
168615 90 2	CHICOS FAS INC	CALL	
168615 95 2	CHICOS FAS INC	PUT	
168905 10 7 *	CHILDRENS PL INC NEW	COM	
168905 90 7	CHILDRENS PL INC NEW	CALL	
168905 95 7	CHILDRENS PL INC NEW	PUT	
168913 30 9	SMART POWERR CORP	COM	
16934Q 20 8 *	CHIMERA INVT CORP	COM NEW	
16934Q 90 8	CHIMERA INVT CORP	CALL	
16934Q 95 8	CHIMERA INVT CORP	PUT	
16934W 10 6 *	CHIMERIX INC	COM	
16934W 90 6	CHIMERIX INC	CALL	
16934W 95 6	CHIMERIX INC	PUT	
16936R 10 5 *	CHINA AUTOMOTIVE SYS INC	COM	
16936R 90 5	CHINA AUTOMOTIVE SYS INC	CALL	
16936R 95 5	CHINA AUTOMOTIVE SYS INC	PUT	
16937R 10 4	CHINA EASTN AIRLS LTD	SPON ADR CL H	DELETED
169373 10 7	CHINA FD INC	COM	
169409 10 9 *	CHINA SOUTHERN AIRLINES CO L	SPON ADR CL H	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 177

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
169409 90 9	CHINA SOUTHERN AIRLINES CO L	CALL	DELETED
169409 95 9	CHINA SOUTHERN AIRLINES CO L	PUT	DELETED
16941T 10 4	CHINA PHARMA HLDGS INC	COM	DELETED
16941T 20 3	CHINA PHARMA HLDGS INC	COM	ADDED
16943W 20 4 *	CHINA GREEN AGRICULTURE INC	COM NEW	
16943W 90 4	CHINA GREEN AGRICULTURE INC	CALL	
16943W 95 4	CHINA GREEN AGRICULTURE INC	PUT	
16948W 20 9	GREEN GIANT INC	COM NEW	
16954L 20 4	51TALK ONLINE EDUCATION GROU	SPONSORED ADR	
16954W 10 1	CHINA INDEX HLDGS LTD	SPNSRD ADS	
16955F 10 7 *	CHINDATA GROUP HLDGS LTD	ADS	
16955F 90 7	CHINDATA GROUP HLDGS LTD	CALL	
16955F 95 7	CHINDATA GROUP HLDGS LTD	PUT	
16961L 10 6 *	CHINOOK THERAPEUTICS INC	COM	
16961L 90 6	CHINOOK THERAPEUTICS INC	CALL	
16961L 95 6	CHINOOK THERAPEUTICS INC	PUT	
16965P 20 2 *	CHIPMOS TECHNOLOGIES INC	SPONSORD ADS NEW	
16965P 90 2	CHIPMOS TECHNOLOGIES INC	CALL	
16965P 95 2	CHIPMOS TECHNOLOGIES INC	PUT	
169656 10 5 *	CHIPOTLE MEXICAN GRILL INC	COM	
169656 90 5	CHIPOTLE MEXICAN GRILL INC	CALL	
169656 95 5	CHIPOTLE MEXICAN GRILL INC	PUT	
169905 10 6 *	CHOICE HOTELS INTL INC	COM	
169905 90 6	CHOICE HOTELS INTL INC	CALL	
169905 95 6	CHOICE HOTELS INTL INC	PUT	
170386 10 6	CHOICEONE FINL SVCS INC	COM	
171077 40 7 *	CHROMADEX CORP	COM NEW	
171077 90 7	CHROMADEX CORP	CALL	
171077 95 7	CHROMADEX CORP	PUT	
17133Q 50 2 *	CHUNGHWA TELECOM CO LTD	SPON ADR NEW11	
17133Q 90 2	CHUNGHWA TELECOM CO LTD	CALL	
17133Q 95 2	CHUNGHWA TELECOM CO LTD	PUT	
171340 10 2 *	CHURCH & DWIGHT CO INC	COM	
171340 90 2	CHURCH & DWIGHT CO INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 178

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
171340 95 2	CHURCH & DWIGHT CO INC	PUT	
17143W 10 1	CHURCHILL CAPITAL CORP VI	COM CL A	
17143W 11 9	CHURCHILL CAPITAL CORP VI	*W EXP 02/17/202	
17143W 20 0	CHURCHILL CAPITAL CORP VI	UNIT 99/99/9999	
17144M 10 2 *	CHURCHILL CAPITAL CORP VII	COM CL A	
17144M 90 2	CHURCHILL CAPITAL CORP VII	CALL	
17144M 95 2	CHURCHILL CAPITAL CORP VII	PUT	
17144M 11 0	CHURCHILL CAPITAL CORP VII	*W EXP 02/29/202	
17144M 20 1	CHURCHILL CAPITAL CORP VII	UNIT 99/99/9999	
17144T 10 7 *	CHURCHILL CAPITAL CORP V	COM CL A	
17144T 90 7	CHURCHILL CAPITAL CORP V	CALL	
17144T 95 7	CHURCHILL CAPITAL CORP V	PUT	
17144T 11 5	CHURCHILL CAPITAL CORP V	*W EXP 10/29/202	
17144T 20 6	CHURCHILL CAPITAL CORP V	UNIT 99/99/9999	
171484 10 8 *	CHURCHILL DOWNS INC	COM	
171484 90 8	CHURCHILL DOWNS INC	CALL	
171484 95 8	CHURCHILL DOWNS INC	PUT	
171604 10 1 *	CHUYS HLDGS INC	COM	
171604 90 1	CHUYS HLDGS INC	CALL	
171604 95 1	CHUYS HLDGS INC	PUT	
171757 10 7 *	CIDARA THERAPEUTICS INC	COM	
171757 90 7	CIDARA THERAPEUTICS INC	CALL	
171757 95 7	CIDARA THERAPEUTICS INC	PUT	
171779 30 9 *	CIENA CORP	COM NEW	
171779 90 9	CIENA CORP	CALL	
171779 95 9	CIENA CORP	PUT	
17187C 10 2	CINCINNATI BANCORP INC	COM NEW	DELETED
172062 10 1 *	CINCINNATI FINL CORP	COM	
172062 90 1	CINCINNATI FINL CORP	CALL	
172062 95 1	CINCINNATI FINL CORP	PUT	
17240Y 10 9 *	CINCOR PHARMA INC	COM	DELETED
17240Y 90 9	CINCOR PHARMA INC	CALL	DELETED
17240Y 95 9	CINCOR PHARMA INC	PUT	DELETED
172406 20 9	CINEDIGM CORP	COM NEW CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 179

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
17243V AB 8	CINEMARK HLDGS INC	NOTE 4.500% 8/1	
17243V 10 2 *	CINEMARK HLDGS INC	COM	
17243V 90 2	CINEMARK HLDGS INC	CALL	
17243V 95 2	CINEMARK HLDGS INC	PUT	
172464 10 9	SISECAM RESOURCES LP	COM UNIT LTD	
17248W 10 5	CINGULATE INC	COMMON STOCK	
17248W 11 3	CINGULATE INC	*W EXP 12/10/202	
17253J 10 6 *	CIPHER MINING INC	COM	
17253J 90 6	CIPHER MINING INC	CALL	
17253J 95 6	CIPHER MINING INC	PUT	
17253J 11 4	CIPHER MINING INC	*W EXP 10/22/202	
17259U 20 4 *	CION INVT CORP	COM	
17259U 90 4	CION INVT CORP	CALL	
17259U 95 4	CION INVT CORP	PUT	
17273K 10 9 *	CIRCOR INTL INC	COM	
17273K 90 9	CIRCOR INTL INC	CALL	
17273K 95 9	CIRCOR INTL INC	PUT	
17275R 10 2 *	CISCO SYS INC	COM	
17275R 90 2	CISCO SYS INC	CALL	
17275R 95 2	CISCO SYS INC	PUT	
172755 10 0 *	CIRRUS LOGIC INC	COM	
172755 90 0	CIRRUS LOGIC INC	CALL	
172755 95 0	CIRRUS LOGIC INC	PUT	
172908 10 5 *	CINTAS CORP	COM	
172908 90 5	CINTAS CORP	CALL	
172908 95 5	CINTAS CORP	PUT	
172922 10 6 *	CITIZENS & NORTHN CORP	COM	
172922 90 6	CITIZENS & NORTHN CORP	CALL	
172922 95 6	CITIZENS & NORTHN CORP	PUT	
172967 42 4 *	CITIGROUP INC	COM NEW	
172967 90 4	CITIGROUP INC	CALL	
172967 95 4	CITIGROUP INC	PUT	
17306X 10 2 *	CITI TRENDS INC	COM	
17306X 90 2	CITI TRENDS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 180

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
17306X 95 2	CITI TRENDS INC	PUT	
17322U 20 7 *	CITIUS PHARMACEUTICALS INC	COM NEW	
17322U 90 7	CITIUS PHARMACEUTICALS INC	CALL	
17322U 95 7	CITIUS PHARMACEUTICALS INC	PUT	
174610 10 5 *	CITIZENS FINL GROUP INC	COM	
174610 90 5	CITIZENS FINL GROUP INC	CALL	
174610 95 5	CITIZENS FINL GROUP INC	PUT	
174615 10 4	CITIZENS FINANCIAL SERVS INC	COM	
174715 10 2	CITIZENS HLDG CO MISS	COM	
174740 10 0 *	CITIZENS INC	CL A	
174740 90 0	CITIZENS INC	CALL	
174740 95 0	CITIZENS INC	PUT	
174903 10 4	CITIZENS CMNTY BANCORP INC M	COM	
177835 10 5 *	CITY HLDG CO	COM	
177835 90 5	CITY HLDG CO	CALL	
177835 95 5	CITY HLDG CO	PUT	
178587 10 1 *	CITY OFFICE REIT INC	COM	
178587 90 1	CITY OFFICE REIT INC	CALL	
178587 95 1	CITY OFFICE REIT INC	PUT	
17878Y 20 7 *	CIVEO CORP CDA	COM NEW	
17878Y 90 7	CIVEO CORP CDA	CALL	
17878Y 95 7	CIVEO CORP CDA	PUT	
178867 10 7 *	CIVISTA BANCSHARES INC	COM NO PAR	
178867 90 7	CIVISTA BANCSHARES INC	CALL	
178867 95 7	CIVISTA BANCSHARES INC	PUT	
17888H 10 3 *	CIVITAS RESOURCES INC	COM NEW	
17888H 90 3	CIVITAS RESOURCES INC	CALL	
17888H 95 3	CIVITAS RESOURCES INC	PUT	
18270D 10 6 *	CLAROS MTG TR INC	COMMON STOCK	
18270D 90 6	CLAROS MTG TR INC	CALL	
18270D 95 6	CLAROS MTG TR INC	PUT	
18270P 10 9 *	CLARUS CORP NEW	COM	
18270P 90 9	CLARUS CORP NEW	CALL	
18270P 95 9	CLARUS CORP NEW	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 181

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
184493 10 4	CLEAN EARTH ACQUISITIONS COR	CLASS A COM	
184493 11 2	CLEAN EARTH ACQUISITIONS COR	*W EXP 99/99/999	
184493 12 0	CLEAN EARTH ACQUISITIONS COR	RIGHT 01/01/2027	
184493 20 3	CLEAN EARTH ACQUISITIONS COR	UNIT 12/09/2026	
184496 10 7 *	CLEAN HARBORS INC	COM	
184496 90 7	CLEAN HARBORS INC	CALL	
184496 95 7	CLEAN HARBORS INC	PUT	
184499 10 1 *	CLEAN ENERGY FUELS CORP	COM	
184499 90 1	CLEAN ENERGY FUELS CORP	CALL	
184499 95 1	CLEAN ENERGY FUELS CORP	PUT	
18452B 20 9 *	CLEANSARK INC	COM NEW	
18452B 90 9	CLEANSARK INC	CALL	
18452B 95 9	CLEANSARK INC	PUT	
18452H 20 6	CLEAN ENERGY TECHNOLOGIES IN	COM NEW	ADDED
18453H 10 6 *	CLEAR CHANNEL OUTDOOR HLDGS	COM	
18453H 90 6	CLEAR CHANNEL OUTDOOR HLDGS	CALL	
18453H 95 6	CLEAR CHANNEL OUTDOOR HLDGS	PUT	
18467V 10 9 *	CLEAR SECURE INC	COM CL A	
18467V 90 9	CLEAR SECURE INC	CALL	
18467V 95 9	CLEAR SECURE INC	PUT	
18469P 20 9	CLEARBRIDGE ENERGY MIDSTRM O	COM	
18469Q 20 7	CLEARBRIDGE MLP AND MIDSTRM	COM	
184692 20 0	CLEARBRIDGE MLP AND MIDSTRM	COM	
18482P 10 3 *	CLEARFIELD INC	COM	
18482P 90 3	CLEARFIELD INC	CALL	
18482P 95 3	CLEARFIELD INC	PUT	
185053 20 4	CLEARMIND MEDICINE INC	COM NEW	
18506U 10 4	CLEARONE INC	COM	
185063 10 4 *	CLEARSIDE BIOMEDICAL INC	COM	
185063 90 4	CLEARSIDE BIOMEDICAL INC	CALL	
185063 95 4	CLEARSIDE BIOMEDICAL INC	PUT	
185064 10 2 *	CLEARSIGN TECHNOLOGIES CORP	COM	
185064 90 2	CLEARSIGN TECHNOLOGIES CORP	CALL	
185064 95 2	CLEARSIGN TECHNOLOGIES CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 182

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
18507C 10 3 *	CLEARPOINT NEURO INC	COM	
18507C 90 3	CLEARPOINT NEURO INC	CALL	
18507C 95 3	CLEARPOINT NEURO INC	PUT	
185123 10 6 *	CLEARWATER ANALYTICS HLDGS I	CL A	
185123 90 6	CLEARWATER ANALYTICS HLDGS I	CALL	
185123 95 6	CLEARWATER ANALYTICS HLDGS I	PUT	
18538R 10 3 *	CLEARWATER PAPER CORP	COM	
18538R 90 3	CLEARWATER PAPER CORP	CALL	
18538R 95 3	CLEARWATER PAPER CORP	PUT	
18539C 10 5 *	CLEARWAY ENERGY INC	CL A	
18539C 90 5	CLEARWAY ENERGY INC	CALL	
18539C 95 5	CLEARWAY ENERGY INC	PUT	
18539C 20 4 *	CLEARWAY ENERGY INC	CL C	
18539C 90 4	CLEARWAY ENERGY INC	CALL	
18539C 95 4	CLEARWAY ENERGY INC	PUT	
185634 10 2 *	CLENE INC	COMMON STOCK	
185634 90 2	CLENE INC	CALL	
185634 95 2	CLENE INC	PUT	
185634 11 0	CLENE INC	*W EXP 12/30/202	
185899 10 1 *	CLEVELAND-CLIFFS INC NEW	COM	
185899 90 1	CLEVELAND-CLIFFS INC NEW	CALL	
185899 95 1	CLEVELAND-CLIFFS INC NEW	PUT	
186760 10 4 *	CLEVER LEAVES HOLDINGS INC	COM	
186760 90 4	CLEVER LEAVES HOLDINGS INC	CALL	
186760 95 4	CLEVER LEAVES HOLDINGS INC	PUT	
186760 11 2	CLEVER LEAVES HOLDINGS INC	*W EXP 12/18/202	
18885T 30 6 *	CLIPPER RLTY INC	COM	
18885T 90 6	CLIPPER RLTY INC	CALL	
18885T 95 6	CLIPPER RLTY INC	PUT	
18900M 10 4 *	CLOOPEN GROUP HOLDING LIMITE	ADS	DELETED
18900M 90 4	CLOOPEN GROUP HOLDING LIMITE	CALL	DELETED
18900M 95 4	CLOOPEN GROUP HOLDING LIMITE	PUT	DELETED
18900M 20 3 *	CLOOPEN GROUP HOLDING LIMITE	ADS	ADDED
18900M 90 3	CLOOPEN GROUP HOLDING LIMITE	CALL	ADDED



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 183

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
18900M 95 3	CLOOPEN GROUP HOLDING LIMITE	PUT	ADDED
189054 10 9 *	CLOROX CO DEL	COM	
189054 90 9	CLOROX CO DEL	CALL	
189054 95 9	CLOROX CO DEL	PUT	
18913Y 10 3	CLOUGH GLOBAL DIVID & INCOME	COM	
18914C 10 0	CLOUGH GLOBAL EQUITY FD	COM	
18914E 10 6	CLOUGH GLOBAL OPPORTUNITIES	SH BEN INT	
18914F 10 3 *	CLOVER HEALTH INVESTMENTS CO	COM CL A	
18914F 90 3	CLOVER HEALTH INVESTMENTS CO	CALL	
18914F 95 3	CLOVER HEALTH INVESTMENTS CO	PUT	
18915E 10 5	CLOVER LEAF CAPITAL CORP	COM CL A	
18915E 12 1	CLOVER LEAF CAPITAL CORP	RIGHT 05/31/2028	
18915E 20 4	CLOVER LEAF CAPITAL CORP	UNIT 99/99/9999	
18915M AB 3	CLOUDFLARE INC	NOTE 0.750% 5/1	
18915M AC 1	CLOUDFLARE INC	NOTE 8/1	
18915M 10 7 *	CLOUDFLARE INC	CL A COM	
18915M 90 7	CLOUDFLARE INC	CALL	
18915M 95 7	CLOUDFLARE INC	PUT	
189763 10 5 *	CO-DIAGNOSTICS INC	COM	
189763 90 5	CO-DIAGNOSTICS INC	CALL	
189763 95 5	CO-DIAGNOSTICS INC	PUT	
18978H 20 1	CNS PHARMACEUTICALS INC	COM NEW	
18979T 10 5	CNFINANCE HLDGS LTD	SPON ADS	
19046P 20 9 *	COASTAL FINL CORP WA	COM NEW	
19046P 90 9	COASTAL FINL CORP WA	CALL	
19046P 95 9	COASTAL FINL CORP WA	PUT	
191098 10 2	COCA COLA CONS INC	COM	
191216 10 0 *	COCA COLA CO	COM	
191216 90 0	COCA COLA CO	CALL	
191216 95 0	COCA COLA CO	PUT	
191241 10 8 *	COCA-COLA FEMSA SAB DE CV	SPONSORD ADR REP	
191241 90 8	COCA-COLA FEMSA SAB DE CV	CALL	
191241 95 8	COCA-COLA FEMSA SAB DE CV	PUT	
19188J 40 9	COCRYSTAL PHARMA INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 184

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
19188U 20 6	CODA OCTOPUS GROUP INC	COM NEW	
19200A 20 4	GD CULTURE GROUP LTD	COM NEW	
192003 10 1 *	TELESIS BIO INC	COM	
192003 90 1	TELESIS BIO INC	CALL	
192003 95 1	TELESIS BIO INC	PUT	
192005 10 6 *	CODEXIS INC	COM	
192005 90 6	CODEXIS INC	CALL	
192005 95 6	CODEXIS INC	PUT	
192010 10 6 *	CODIAK BIOSCIENCES INC	COM	
192010 90 6	CODIAK BIOSCIENCES INC	CALL	
192010 95 6	CODIAK BIOSCIENCES INC	PUT	
192025 10 4	CODORUS VY BANCORP INC	COM	
19207A 10 8	COEPTIS THERAPEUTICS HLDGS I	COM	
19207A 11 6	COEPTIS THERAPEUTICS HLDGS I	*W EXP 12/31/202	
192108 50 4 *	COEUR MNG INC	COM NEW	
192108 90 4	COEUR MNG INC	CALL	
192108 95 4	COEUR MNG INC	PUT	
192176 10 5	COFFEE HLDG CO INC	COM	
19239V 30 2 *	COGENT COMMUNICATIONS HLDGS	COM NEW	
19239V 90 2	COGENT COMMUNICATIONS HLDGS	CALL	
19239V 95 2	COGENT COMMUNICATIONS HLDGS	PUT	
19240Q 20 1 *	COGENT BIOSCIENCES INC	COM	
19240Q 90 1	COGENT BIOSCIENCES INC	CALL	
19240Q 95 1	COGENT BIOSCIENCES INC	PUT	
192422 10 3 *	COGNEX CORP	COM	
192422 90 3	COGNEX CORP	CALL	
192422 95 3	COGNEX CORP	PUT	
19243B 10 2	COGNITION THERAPEUTICS INC	COM	
192446 10 2 *	COGNIZANT TECHNOLOGY SOLUTIO	CL A	
192446 90 2	COGNIZANT TECHNOLOGY SOLUTIO	CALL	
192446 95 2	COGNIZANT TECHNOLOGY SOLUTIO	PUT	
19247A 10 0 *	COHEN & STEERS INC	COM	
19247A 90 0	COHEN & STEERS INC	CALL	
19247A 95 0	COHEN & STEERS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 185

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
19247G 10 7 *	COHERENT CORP	COM	
19247G 90 7	COHERENT CORP	CALL	
19247G 95 7	COHERENT CORP	PUT	
19247G 20 6	COHERENT CORP	6% CONV PFD A	
19247L 10 6	COHEN & STEERS QUALITY INCOM	COM	
19247R 10 3	COHEN & STEERS TOTAL RETURN	COM	
19247X 10 0	COHEN & STEERS REIT & PFD &	COM	
19248A 10 9	COHEN & STEERS INFRASTRUCTUR	COM	
19248C 10 5	COHEN & STEERS LTD DURATION	COM	
19248P 10 6	COHEN & STEERS CLOSED-END OP	COM	
19248Y 10 7	COHEN & STEERS SELECT PFD &	COM	
19249H AB 9	COHERUS BIOSCIENCES INC	NOTE 1.500% 4/1	
19249H 10 3 *	COHERUS BIOSCIENCES INC	COM	
19249H 90 3	COHERUS BIOSCIENCES INC	CALL	
19249H 95 3	COHERUS BIOSCIENCES INC	PUT	
19249J 30 7	COHBAR INC	COM NEW	
19249M 10 2	COHEN & CO INC NEW	COM	
19249Q 10 3	COHEN & STEERS REAL ESTATE O	SHS BENFIN INT	
19249X 10 8	COHEN & STEERS TAX ADVAN PFD	COM	
192576 10 6 *	COHU INC	COM	
192576 90 6	COHU INC	CALL	
192576 95 6	COHU INC	PUT	
19260Q AB 3	COINBASE GLOBAL INC	NOTE 0.500% 6/0	
19260Q 10 7 *	COINBASE GLOBAL INC	COM CL A	
19260Q 90 7	COINBASE GLOBAL INC	CALL	
19260Q 95 7	COINBASE GLOBAL INC	PUT	
194014 20 5	COLFAX CORP	UNIT 01/15/2022T	
194014 50 2 *	ENOVIS CORPORATION	COM	
194014 90 2	ENOVIS CORPORATION	CALL	
194014 95 2	ENOVIS CORPORATION	PUT	
194162 10 3 *	COLGATE PALMOLIVE CO	COM	
194162 90 3	COLGATE PALMOLIVE CO	CALL	
194162 95 3	COLGATE PALMOLIVE CO	PUT	
19423L 52 4	COLLABORATIVE INVESTMNT SER	MOHR SECTOR NAV	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 186

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
19423L 53 2 *	COLLABORATIVE INVESTMNT SER	RAREVIEW INFLATN	
19423L 90 2	COLLABORATIVE INVESTMNT SER	CALL	
19423L 95 2	COLLABORATIVE INVESTMNT SER	PUT	
19423L 54 0	COLLABORATIVE INVESTMNT SER	RAREVIEW SYS EQT	
19423L 57 3	COLLABORATIVE INVESTMNT SER	GOOSE HOLLOW TAC	
19423L 58 1	COLLABORATIVE INVESTMNT SER	ADAPTIVE CORE	
19423L 59 9	COLLABORATIVE INVESTMNT SER	REVERE SECTOR	
19423L 61 5	COLLABORATIVE INVESTMNT SER	MINDFUL CNSRVTV	
19423L 62 3	COLLABORATIVE INVESTMNT SER	MOHR GROWTH ETF	
19423L 67 2 *	COLLABORATIVE INVESTMNT SER	THE SPAC AND NEW	
19423L 90 2	COLLABORATIVE INVESTMNT SER	CALL	
19423L 95 2	COLLABORATIVE INVESTMNT SER	PUT	
19423L 71 4	COLLABORATIVE INVESTMNT SER	RAREVIEW TAX ADV	
19423L 72 2	COLLABORATIVE INVESTMNT SER	RAREVIEW DYNAMIC	
19459J AA 2	COLLEGIUM PHARMACEUTICAL INC	NOTE 2.625% 2/1	
19459J 10 4 *	COLLEGIUM PHARMACEUTICAL INC	COM	
19459J 90 4	COLLEGIUM PHARMACEUTICAL INC	CALL	
19459J 95 4	COLLEGIUM PHARMACEUTICAL INC	PUT	
194693 AB 3	COLLIERS INTL GROUP INC	NOTE 4.000% 6/0	
194693 10 7 *	COLLIERS INTL GROUP INC	SUB VTG SHS	
194693 90 7	COLLIERS INTL GROUP INC	CALL	
194693 95 7	COLLIERS INTL GROUP INC	PUT	
19533H 10 8	COLOMBIER ACQUISITION CORP	CL A	
19533H 11 6	COLOMBIER ACQUISITION CORP	*W EXP 99/99/999	
19533H 20 7	COLOMBIER ACQUISITION CORP	UNIT 99/99/9999	
19623P 10 1 *	COLONY BANKCORP INC	COM	
19623P 90 1	COLONY BANKCORP INC	CALL	
19623P 95 1	COLONY BANKCORP INC	PUT	
19624R AA 4	DIGITALBRIDGE GROUP INC	NOTE 5.000% 4/1	
197236 10 2 *	COLUMBIA BKG SYS INC	COM	
197236 90 2	COLUMBIA BKG SYS INC	CALL	
197236 95 2	COLUMBIA BKG SYS INC	PUT	
19761L 20 1	COLUMBIA ETF TR I	INTERNATIONAL	
19761L 30 0	COLUMBIA ETF TR I	US ESG EQUITY	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 187

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
19761L 50 8	COLUMBIA ETF TR I	DIVERSIFID FXD	
19761L 60 7	COLUMBIA ETF TR I	MULTI SEC MUNI	
19761L 70 6	COLUMBIA ETF TR I	RESH ENHNC COR	
19761L 80 5	COLUMBIA ETF TR I	RESH ENHNC VLU	
19761L 87 0	COLUMBIA ETF TR I	SELIGMAN SEMICON	
19761L 88 8	COLUMBIA ETF TR I	SHORT DURATION	
19762B 20 2	COLUMBIA ETF TR II	EM CORE EX ETF	
19762B 50 9 *	COLUMBIA ETF TR II	EMRG MARKETS ETF	
19762B 90 9	COLUMBIA ETF TR II	CALL	
19762B 95 9	COLUMBIA ETF TR II	PUT	
19762B 70 7 *	COLUMBIA ETF TR II	INDIA CONSMR ETF	
19762B 90 7	COLUMBIA ETF TR II	CALL	
19762B 95 7	COLUMBIA ETF TR II	PUT	
197641 10 3 *	COLUMBIA FINL INC	COM	
197641 90 3	COLUMBIA FINL INC	CALL	
197641 95 3	COLUMBIA FINL INC	PUT	
19842X 10 9	COLUMBIA SELIGM PREM TECH GR	COM	
198516 10 6 *	COLUMBIA SPORTSWEAR CO	COM	
198516 90 6	COLUMBIA SPORTSWEAR CO	CALL	
198516 95 6	COLUMBIA SPORTSWEAR CO	PUT	
199333 10 5 *	COLUMBUS MCKINNON CORP N Y	COM	
199333 90 5	COLUMBUS MCKINNON CORP N Y	CALL	
199333 95 5	COLUMBUS MCKINNON CORP N Y	PUT	
199908 10 4 *	COMFORT SYS USA INC	COM	
199908 90 4	COMFORT SYS USA INC	CALL	
199908 95 4	COMFORT SYS USA INC	PUT	
20030N 10 1 *	COMCAST CORP NEW	CL A	
20030N 90 1	COMCAST CORP NEW	CALL	
20030N 95 1	COMCAST CORP NEW	PUT	
200340 10 7 *	COMERICA INC	COM	
200340 90 7	COMERICA INC	CALL	
200340 95 7	COMERICA INC	PUT	
20037C 10 8	COMERA LIFE SCIENCES HLDGS I	COM	
20037C 11 6	COMERA LIFE SCIENCES HLDGS I	*W EXP 03/15/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 188

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
200525 10 3 *	COMMERCE BANCSHARES INC	COM	
200525 90 3	COMMERCE BANCSHARES INC	CALL	
200525 95 3	COMMERCE BANCSHARES INC	PUT	
201723 10 3 *	COMMERCIAL METALS CO	COM	
201723 90 3	COMMERCIAL METALS CO	CALL	
201723 95 3	COMMERCIAL METALS CO	PUT	
202608 10 5 *	COMMERCIAL VEH GROUP INC	COM	
202608 90 5	COMMERCIAL VEH GROUP INC	CALL	
202608 95 5	COMMERCIAL VEH GROUP INC	PUT	
20337X 10 9 *	COMMSCOPE HLDG CO INC	COM	
20337X 90 9	COMMSCOPE HLDG CO INC	CALL	
20337X 95 9	COMMSCOPE HLDG CO INC	PUT	
203607 10 6 *	COMMUNITY BK SYS INC	COM	
203607 90 6	COMMUNITY BK SYS INC	CALL	
203607 95 6	COMMUNITY BK SYS INC	PUT	
203668 10 8 *	COMMUNITY HEALTH SYS INC NEW	COM	
203668 90 8	COMMUNITY HEALTH SYS INC NEW	CALL	
203668 95 8	COMMUNITY HEALTH SYS INC NEW	PUT	
20368X 10 1	COMMUNITY FINL CORP MD	COM	
20369C 10 6 *	COMMUNITY HEALTHCARE TR INC	COM	
20369C 90 6	COMMUNITY HEALTHCARE TR INC	CALL	
20369C 95 6	COMMUNITY HEALTHCARE TR INC	PUT	
204149 10 8 *	COMMUNITY TR BANCORP INC	COM	
204149 90 8	COMMUNITY TR BANCORP INC	CALL	
204149 95 8	COMMUNITY TR BANCORP INC	PUT	
204157 10 1	COMMUNITY WEST BANCSHARES	COM	
204166 10 2 *	COMMVAULT SYS INC	COM	
204166 90 2	COMMVAULT SYS INC	CALL	
204166 95 2	COMMVAULT SYS INC	PUT	
20440T 30 0 *	COMPANHIA BRASILEIRA DE DIST	SPONSORED ADR	
20440T 90 0	COMPANHIA BRASILEIRA DE DIST	CALL	
20440T 95 0	COMPANHIA BRASILEIRA DE DIST	PUT	
20440W 10 5 *	COMPANHIA SIDERURGICA NACION	SPONSORED ADR	
20440W 90 5	COMPANHIA SIDERURGICA NACION	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 189

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
20440W 95 5	COMPANHIA SIDERURGICA NACION	PUT	
204409 60 1 *	CIA ENERGETICA DE MINAS GERA	SP ADR N-V PFD	
204409 90 1	CIA ENERGETICA DE MINAS GERA	CALL	
204409 95 1	CIA ENERGETICA DE MINAS GERA	PUT	
204409 88 2	CIA ENERGETICA DE MINAS GERA	SPONSORED ADR	
20441A 10 2 *	COMPANHIA DE SANEAMENTO BASI	SPONSORED ADR	
20441A 90 2	COMPANHIA DE SANEAMENTO BASI	CALL	
20441A 95 2	COMPANHIA DE SANEAMENTO BASI	PUT	
20441B 60 5 *	COMPANHIA PARANAENSE ENERG C	SPON ADS	
20441B 90 5	COMPANHIA PARANAENSE ENERG C	CALL	
20441B 95 5	COMPANHIA PARANAENSE ENERG C	PUT	
204429 10 4 *	COMPANIA CERVECERIAS UNIDAS	SPONSORED ADR	
204429 90 4	COMPANIA CERVECERIAS UNIDAS	CALL	
204429 95 4	COMPANIA CERVECERIAS UNIDAS	PUT	
204448 10 4 *	COMPANIA DE MINAS BUENAVENTU	SPONSORED ADR	
204448 90 4	COMPANIA DE MINAS BUENAVENTU	CALL	
204448 95 4	COMPANIA DE MINAS BUENAVENTU	PUT	
20451N 10 1 *	COMPASS MINERALS INTL INC	COM	
20451N 90 1	COMPASS MINERALS INTL INC	CALL	
20451N 95 1	COMPASS MINERALS INTL INC	PUT	
20451Q 10 4 *	COMPASS DIVERSIFIED	SH BEN INT	
20451Q 90 4	COMPASS DIVERSIFIED	CALL	
20451Q 95 4	COMPASS DIVERSIFIED	PUT	
20451W 10 1 *	COMPASS PATHWAYS PLC	SPONSORED ADS	
20451W 90 1	COMPASS PATHWAYS PLC	CALL	
20451W 95 1	COMPASS PATHWAYS PLC	PUT	
20454B 10 4	COMPASS THERAPEUTICS INC	COM	
20459V 10 5	COMPOSECURE INC	COM CL A	
20459V 11 3	COMPOSECURE INC	*W EXP 12/27/202	
20464U 10 0 *	COMPASS INC	CL A	
20464U 90 0	COMPASS INC	CALL	
20464U 95 0	COMPASS INC	PUT	
204833 10 7 *	COMPUTE HEALTH ACQUISITIN CO	COM CL A	
204833 90 7	COMPUTE HEALTH ACQUISITIN CO	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 190

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
204833 95 7	COMPUTE HEALTH ACQUISITIN CO	PUT	
204833 11 5	COMPUTE HEALTH ACQUISITIN CO	*W EXP 01/25/202	
204833 20 6	COMPUTE HEALTH ACQUISITIN CO	UNIT 99/99/9999	
205306 10 3 *	COMPUTER PROGRAMS & SYS INC	COM	
205306 90 3	COMPUTER PROGRAMS & SYS INC	CALL	
205306 95 3	COMPUTER PROGRAMS & SYS INC	PUT	
205477 10 2 *	COMPUTER TASK GROUP INC	COM	
205477 90 2	COMPUTER TASK GROUP INC	CALL	
205477 95 2	COMPUTER TASK GROUP INC	PUT	
20563P 10 1	COMPX INTL INC	CL A	
20564W 10 5 *	COMSCORE INC	COM	
20564W 90 5	COMSCORE INC	CALL	
20564W 95 5	COMSCORE INC	PUT	
205650 11 2	COMSOVEREIGN HLDG CORP	*W EXP 12/18/202	
205650 20 3 *	COMSOVEREIGN HLDG CORP	COM NEW	DELETED
205650 90 3	COMSOVEREIGN HLDG CORP	CALL	DELETED
205650 95 3	COMSOVEREIGN HLDG CORP	PUT	DELETED
205650 40 1 *	COMSOVEREIGN HLDG CORP	COM NEW	ADDED
205650 90 1	COMSOVEREIGN HLDG CORP	CALL	ADDED
205650 95 1	COMSOVEREIGN HLDG CORP	PUT	ADDED
205684 20 2	COMSTOCK HLDG COS INC	CL A NEW	
205750 30 0 *	COMSTOCK INC	COM NEW	
205750 90 0	COMSTOCK INC	CALL	
205750 95 0	COMSTOCK INC	PUT	
205768 30 2 *	COMSTOCK RES INC	COM	
205768 90 2	COMSTOCK RES INC	CALL	
205768 95 2	COMSTOCK RES INC	PUT	
205826 20 9 *	COMTECH TELECOMMUNICATIONS C	COM NEW	
205826 90 9	COMTECH TELECOMMUNICATIONS C	CALL	
205826 95 9	COMTECH TELECOMMUNICATIONS C	PUT	
205887 10 2 *	CONAGRA BRANDS INC	COM	
205887 90 2	CONAGRA BRANDS INC	CALL	
205887 95 2	CONAGRA BRANDS INC	PUT	
20602D 10 1 *	CONCENTRIX CORP	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 191

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
20602D 90 1	CONCENTRIX CORP	CALL	
20602D 95 1	CONCENTRIX CORP	PUT	
206022 10 5 *	CONCERT PHARMACEUTICALS INC	COM	DELETED
206022 90 5	CONCERT PHARMACEUTICALS INC	CALL	DELETED
206022 95 5	CONCERT PHARMACEUTICALS INC	PUT	DELETED
20607U 10 8	CONCORD ACQUISITION CORP II	COM CL A	
20607U 11 6	CONCORD ACQUISITION CORP II	*W EXP 99/99/999	
20607U 20 7	CONCORD ACQUISITION CORP II	UNIT 99/99/9999	
20607V 10 6	CONCORD ACQUISITION CORP III	COM CL A	
20607V 11 4	CONCORD ACQUISITION CORP III	*W EXP 99/99/999	
20607V 20 5	CONCORD ACQUISITION CORP III	UNIT 99/99/9999	
206277 10 5	CONCORD MED SVCS HLDGS LTD	SPON ADR CL A	
206704 10 8 *	CONCRETE PUMPING HLDGS INC	COM	
206704 90 8	CONCRETE PUMPING HLDGS INC	CALL	
206704 95 8	CONCRETE PUMPING HLDGS INC	PUT	
206787 10 3 *	CONDUENT INC	COM	
206787 90 3	CONDUENT INC	CALL	
206787 95 3	CONDUENT INC	PUT	
20717E 20 0	CONFORMIS INC	COM NEW	
20717M AB 9	CONFLUENT INC	NOTE 1/1	
20717M 10 3 *	CONFLUENT INC	CLASS A COM	
20717M 90 3	CONFLUENT INC	CALL	
20717M 95 3	CONFLUENT INC	PUT	
20731J 10 2	CONIFER HLDGS INC	COM	
207410 AD 3	CONMED CORP	NOTE 2.500%11/1	
207410 AF 8	CONMED CORP	NOTE 2.625% 2/0	
207410 10 1 *	CONMED CORP	COM	
207410 90 1	CONMED CORP	CALL	
207410 95 1	CONMED CORP	PUT	
207523 10 1 *	CONNECT BIOPHARMA HLDGS LTD	ADS	
207523 90 1	CONNECT BIOPHARMA HLDGS LTD	CALL	
207523 95 1	CONNECT BIOPHARMA HLDGS LTD	PUT	
20786W 10 7 *	CONNECTONE BANCORP INC	COM	
20786W 90 7	CONNECTONE BANCORP INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 192

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
20786W 95 7	CONNECTONE BANCORP INC	PUT	
208242 10 7 *	CONNS INC	COM	
208242 90 7	CONNS INC	CALL	
208242 95 7	CONNS INC	PUT	
20825C 10 4 *	CONOCOPHILLIPS	COM	
20825C 90 4	CONOCOPHILLIPS	CALL	
20825C 95 4	CONOCOPHILLIPS	PUT	
20848V 10 5 *	CONSENSUS CLOUD SOLUTIONS IN	COM	
20848V 90 5	CONSENSUS CLOUD SOLUTIONS IN	CALL	
20848V 95 5	CONSENSUS CLOUD SOLUTIONS IN	PUT	
20854L 10 8 *	CONSOL ENERGY INC NEW	COM	
20854L 90 8	CONSOL ENERGY INC NEW	CALL	
20854L 95 8	CONSOL ENERGY INC NEW	PUT	
209034 10 7 *	CONSOLIDATED COMM HLDGS INC	COM	
209034 90 7	CONSOLIDATED COMM HLDGS INC	CALL	
209034 95 7	CONSOLIDATED COMM HLDGS INC	PUT	
209115 10 4 *	CONSOLIDATED EDISON INC	COM	
209115 90 4	CONSOLIDATED EDISON INC	CALL	
209115 95 4	CONSOLIDATED EDISON INC	PUT	
210322 10 3	ELEVATION SERIES TRUST	SRH US QUALITY	
21036P 10 8 *	CONSTELLATION BRANDS INC	CL A	
21036P 90 8	CONSTELLATION BRANDS INC	CALL	
21036P 95 8	CONSTELLATION BRANDS INC	PUT	
21037T 10 9 *	CONSTELLATION ENERGY CORP	COM	
21037T 90 9	CONSTELLATION ENERGY CORP	CALL	
21037T 95 9	CONSTELLATION ENERGY CORP	PUT	
21044C 10 7 *	CONSTRUCTION PARTNERS INC	COM CL A	
21044C 90 7	CONSTRUCTION PARTNERS INC	CALL	
21044C 95 7	CONSTRUCTION PARTNERS INC	PUT	
210502 10 0 *	CONSUMER PORTFOLIO SVCS INC	COM	
210502 90 0	CONSUMER PORTFOLIO SVCS INC	CALL	
210502 95 0	CONSUMER PORTFOLIO SVCS INC	PUT	
210751 10 3 *	CONTAINER STORE GROUP INC	COM	
210751 90 3	CONTAINER STORE GROUP INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 193

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
210751 95 3	CONTAINER STORE GROUP INC	PUT	
21077C 10 7 *	CONTEXTLOGIC INC	COM CL A	
21077C 90 7	CONTEXTLOGIC INC	CALL	
21077C 95 7	CONTEXTLOGIC INC	PUT	
21077F 10 0	CONTANGO ORE INC	COM	
21077P 10 8	CONTEXT THERAPEUTICS INC	COM	
212326 30 0 *	CONTRAFECT CORP	COM NEW	DELETED
212326 90 0	CONTRAFECT CORP	CALL	DELETED
212326 95 0	CONTRAFECT CORP	PUT	DELETED
212326 40 9 *	CONTRAFECT CORP	COM NEW	ADDED
212326 90 9	CONTRAFECT CORP	CALL	ADDED
212326 95 9	CONTRAFECT CORP	PUT	ADDED
21240E 10 5 *	CONTROLADORA VUELA COMP DE A	SPON ADR RP 10	
21240E 90 5	CONTROLADORA VUELA COMP DE A	CALL	
21240E 95 5	CONTROLADORA VUELA COMP DE A	PUT	
21258A 10 2 *	CONVEXITYSHARES TRUST	DAILY 1.5X SPIKS	
21258A 90 2	CONVEXITYSHARES TRUST	CALL	
21258A 95 2	CONVEXITYSHARES TRUST	PUT	
21258A 20 1 *	CONVEXITYSHARES TRUST	1X SPIKES FUTURE	
21258A 90 1	CONVEXITYSHARES TRUST	CALL	
21258A 95 1	CONVEXITYSHARES TRUST	PUT	
212873 10 3 *	CONX CORP	COM CL A	
212873 90 3	CONX CORP	CALL	
212873 95 3	CONX CORP	PUT	
212873 11 1	CONX CORP	*W EXP 10/30/202	
212873 20 2	CONX CORP	UNIT 10/30/2027	
21289P 10 2	CONYERS PARK III ACQSITN COR	CLASS A COM	
21289P 11 0	CONYERS PARK III ACQSITN COR	*W EXP 08/12/202	
21289P 20 1	CONYERS PARK III ACQSITN COR	UNIT 07/30/2026	
216648 40 2 *	COOPER COS INC	COM NEW	
216648 90 2	COOPER COS INC	CALL	
216648 95 2	COOPER COS INC	PUT	
21676P 10 3 *	COOPER STD HLDGS INC	COM	
21676P 90 3	COOPER STD HLDGS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 194

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
21676P 95 3	COOPER STD HLDGS INC	PUT	
21720A AB 8	COPA HOLDINGS SA	NOTE 4.500% 4/1	
217204 10 6 *	COPART INC	COM	
217204 90 6	COPART INC	CALL	
217204 95 6	COPART INC	PUT	
21833P 10 3 *	CORBUS PHARMACEUTICALS HLDGS	COM	DELETED
21833P 90 3	CORBUS PHARMACEUTICALS HLDGS	CALL	DELETED
21833P 95 3	CORBUS PHARMACEUTICALS HLDGS	PUT	DELETED
21833P 30 1 *	CORBUS PHARMACEUTICALS HLDGS	COM NEW	ADDED
21833P 90 1	CORBUS PHARMACEUTICALS HLDGS	CALL	ADDED
21833P 95 1	CORBUS PHARMACEUTICALS HLDGS	PUT	ADDED
218352 10 2 *	CORCEPT THERAPEUTICS INC	COM	
218352 90 2	CORCEPT THERAPEUTICS INC	CALL	
218352 95 2	CORCEPT THERAPEUTICS INC	PUT	
218683 10 0	CORE MOLDING TECHNOLOGIES IN	COM	
21870U AC 0	COREENERGY INFRASTRUCTURE TR	NOTE 5.875% 8/1	
21870U 50 2 *	COREENERGY INFRASTRUCTURE TR	COM NEW	
21870U 90 2	COREENERGY INFRASTRUCTURE TR	CALL	
21870U 95 2	COREENERGY INFRASTRUCTURE TR	PUT	
21871N 10 1 *	CORECIVIC INC	COM	
21871N 90 1	CORECIVIC INC	CALL	
21871N 95 1	CORECIVIC INC	PUT	
21871X 10 9 *	COREBRIDGE FINL INC	COM	
21871X 90 9	COREBRIDGE FINL INC	CALL	
21871X 95 9	COREBRIDGE FINL INC	PUT	
21873J 10 8 *	CORE SCIENTIFIC INC	COMMON STOCK	DELETED
21873J 90 8	CORE SCIENTIFIC INC	CALL	DELETED
21873J 95 8	CORE SCIENTIFIC INC	PUT	DELETED
21873J 11 6	CORE SCIENTIFIC INC	*W EXP 01/19/202	DELETED
21874C 10 2 *	CORE & MAIN INC	CL A	
21874C 90 2	CORE & MAIN INC	CALL	
21874C 95 2	CORE & MAIN INC	PUT	
21900C 30 8 *	CORMEDIX INC	COM	
21900C 90 8	CORMEDIX INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 195

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
21900C 95 8	CORMEDIX INC	PUT	
21924B 30 2	CORNERSTONE STRATEGIC VALUE	COM	
21924U 30 0	CORNERSTONE TOTAL RETURN FD	COM	
219350 10 5 *	CORNING INC	COM	
219350 90 5	CORNING INC	CALL	
219350 95 5	CORNING INC	PUT	
219798 10 5 *	QUIDELORTHO CORP	COM	
219798 90 5	QUIDELORTHO CORP	CALL	
219798 95 5	QUIDELORTHO CORP	PUT	
21985R 10 5	LUXURBAN HOTELS INC	COM	
22002T 10 8 *	CORPORATE OFFICE PPTYS TR	SH BEN INT	
22002T 90 8	CORPORATE OFFICE PPTYS TR	CALL	
22002T 95 8	CORPORATE OFFICE PPTYS TR	PUT	
22041X 10 2 *	CORSAIR GAMING INC	COM	
22041X 90 2	CORSAIR GAMING INC	CALL	
22041X 95 2	CORSAIR GAMING INC	PUT	
22052L 10 4 *	CORTEVA INC	COM	
22052L 90 4	CORTEVA INC	CALL	
22052L 95 4	CORTEVA INC	PUT	
22053A 10 7 *	QUINCE THERAPEUTICS INC	COM	
22053A 90 7	QUINCE THERAPEUTICS INC	CALL	
22053A 95 7	QUINCE THERAPEUTICS INC	PUT	
221006 10 9 *	CORVEL CORP	COM	
221006 90 9	CORVEL CORP	CALL	
221006 95 9	CORVEL CORP	PUT	
221015 10 0 *	CORVUS PHARMACEUTICALS INC	COM	
221015 90 0	CORVUS PHARMACEUTICALS INC	CALL	
221015 95 0	CORVUS PHARMACEUTICALS INC	PUT	
22113B 10 3	COSAN S A	ADS	
221413 30 5	COSMOS HEALTH INC	COM	
22160K 10 5 *	COSTCO WHSL CORP NEW	COM	
22160K 90 5	COSTCO WHSL CORP NEW	CALL	
22160K 95 5	COSTCO WHSL CORP NEW	PUT	
22160N 10 9 *	COSTAR GROUP INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 196

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
22160N 90 9	COSTAR GROUP INC	CALL	
22160N 95 9	COSTAR GROUP INC	PUT	
22207T 10 1 *	COUCHBASE INC	COM	
22207T 90 1	COUCHBASE INC	CALL	
22207T 95 1	COUCHBASE INC	PUT	
222070 20 3 *	COTY INC	COM CL A	
222070 90 3	COTY INC	CALL	
222070 95 3	COTY INC	PUT	
22266L AB 2	COUPA SOFTWARE INC	NOTE 0.375% 1/1	DELETED
22266L AC 0	COUPA SOFTWARE INC	NOTE 0.125% 6/1	DELETED
22266L AF 3	COUPA SOFTWARE INC	NOTE 0.375% 6/1	DELETED
22266L 10 6 *	COUPA SOFTWARE INC	COM	DELETED
22266L 90 6	COUPA SOFTWARE INC	CALL	DELETED
22266L 95 6	COUPA SOFTWARE INC	PUT	DELETED
22266M 10 4 *	COURSERA INC	COM	
22266M 90 4	COURSERA INC	CALL	
22266M 95 4	COURSERA INC	PUT	
22266T 10 9 *	COUPANG INC	CL A	
22266T 90 9	COUPANG INC	CALL	
22266T 95 9	COUPANG INC	PUT	
222795 50 2 *	COUSINS PPTYS INC	COM NEW	
222795 90 2	COUSINS PPTYS INC	CALL	
222795 95 2	COUSINS PPTYS INC	PUT	
22284P 10 5 *	COVENANT LOGISTICS GROUP INC	CL A	
22284P 90 5	COVENANT LOGISTICS GROUP INC	CALL	
22284P 95 5	COVENANT LOGISTICS GROUP INC	PUT	
223622 60 6 *	COWEN INC	CL A NEW	DELETED
223622 90 6	COWEN INC	CALL	DELETED
223622 95 6	COWEN INC	PUT	DELETED
22407B 10 8	COYA THERAPEUTICS INC	COMMON STOCK	
22410J AB 2	CRACKER BARREL OLD CTRY STOR	NOTE 0.625% 6/1	
22410J 10 6 *	CRACKER BARREL OLD CTRY STOR	COM	
22410J 90 6	CRACKER BARREL OLD CTRY STOR	CALL	
22410J 95 6	CRACKER BARREL OLD CTRY STOR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 197

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
224408 10 4	CRANE COMPANY	COMMON STOCK	ADDED
224441 10 5 *	CRANE HLDGS CO	COM	
224441 90 5	CRANE HLDGS CO	CALL	
224441 95 5	CRANE HLDGS CO	PUT	
224441 11 3	CRANE HLDGS CO	COMMON STOCK	ADDED
224633 10 7	CRAWFORD & CO	CL B	
224633 20 6 *	CRAWFORD & CO	CL A	
224633 90 6	CRAWFORD & CO	CALL	
224633 95 6	CRAWFORD & CO	PUT	
224916 10 6	CREDIT SUISSE ASSET MGMT INC	COM	
22529Y 30 9	CREATIVE MED TECHNOLOGY HLDG	COM NEW	
22530J 11 9	CREATIVE REALITIES INC	*W EXP 11/19/202	
22530J 20 0	CREATIVE REALITIES INC	COM NEW	DELETED
22530J 30 9	CREATIVE REALITIES INC	COM	ADDED
225310 10 1 *	CREDIT ACCEP CORP MICH	COM	
225310 90 1	CREDIT ACCEP CORP MICH	CALL	
225310 95 1	CREDIT ACCEP CORP MICH	PUT	
22539T 45 6	CREDIT SUISSE NASSAU BRANCH	ETN LKD 34	
22539U 60 2	CREDIT SUISSE NASSAU BRANCH	XLINK CRD ETN37	
225401 10 8 *	CREDIT SUISSE GROUP	SPONSORED ADR	
225401 90 8	CREDIT SUISSE GROUP	CALL	
225401 95 8	CREDIT SUISSE GROUP	PUT	
22542D 22 5	CREDIT SUISSE AG NASSAU BRH	X LINK SILVER	
22542D 23 3	CREDIT SUISSE AG NASSAU BRH	X LINK GOLD SHS	
22544F 10 3	CREDIT SUISSE HIGH YIELD BD	SH BEN INT	
225447 AD 3	WOLFSPEED INC	NOTE 1.750% 5/0	
225655 10 9 *	CRESCENT CAP BDC INC	COM	
225655 90 9	CRESCENT CAP BDC INC	CALL	
225655 95 9	CRESCENT CAP BDC INC	PUT	
22576C 10 1 *	CRESCENT PT ENERGY CORP	COM	
22576C 90 1	CRESCENT PT ENERGY CORP	CALL	
22576C 95 1	CRESCENT PT ENERGY CORP	PUT	
226344 20 8 *	CRESTWOOD EQUITY PARTNERS LP	UNIT LTD PARTNER	
226344 90 8	CRESTWOOD EQUITY PARTNERS LP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 198

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
226344 95 8	CRESTWOOD EQUITY PARTNERS LP	PUT	
226406 10 6 *	CRESUD S A C I F Y A	SPONSORED ADR	
226406 90 6	CRESUD S A C I F Y A	CALL	
226406 95 6	CRESUD S A C I F Y A	PUT	
226552 10 7 *	CREXENDO INC	COM	
226552 90 7	CREXENDO INC	CALL	
226552 95 7	CREXENDO INC	PUT	
22658D 10 0 *	CRICUT INC	COM CL A	
22658D 90 0	CRICUT INC	CALL	
22658D 95 0	CRICUT INC	PUT	
22663K 10 7 *	CRINETICS PHARMACEUTICALS IN	COM	
22663K 90 7	CRINETICS PHARMACEUTICALS IN	CALL	
22663K 95 7	CRINETICS PHARMACEUTICALS IN	PUT	
226718 10 4 *	CRITEO S A	SPONS ADS	
226718 90 4	CRITEO S A	CALL	
226718 95 4	CRITEO S A	PUT	
22677T 10 2	CRIXUS BH3 ACQUISITION CO	CLASS A COM	
22677T 11 0	CRIXUS BH3 ACQUISITION CO	*W EXP 10/04/202	
22677T 20 1	CRIXUS BH3 ACQUISITION CO	UNIT 10/04/2026	
227046 10 9 *	CROCS INC	COM	
227046 90 9	CROCS INC	CALL	
227046 95 9	CROCS INC	PUT	
22717L 10 1 *	CRONOS GROUP INC	COM	
22717L 90 1	CRONOS GROUP INC	CALL	
22717L 95 1	CRONOS GROUP INC	PUT	
227483 10 4 *	CROSS CTRY HEALTHCARE INC	COM	
227483 90 4	CROSS CTRY HEALTHCARE INC	CALL	
227483 95 4	CROSS CTRY HEALTHCARE INC	PUT	
22757R 10 9	CROSS TIMBERS RTY TR	TR UNIT	
22758A 10 5 *	CROSSAMERICA PARTNERS LP	UT LTD PTN INT	
22758A 90 5	CROSSAMERICA PARTNERS LP	CALL	
22758A 95 5	CROSSAMERICA PARTNERS LP	PUT	
22766M 10 9 *	CROSSFIRST BANKSHARES INC	COM	
22766M 90 9	CROSSFIRST BANKSHARES INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 199

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
22766M 95 9	CROSSFIRST BANKSHARES INC	PUT	
22788C 10 5 *	CROWDSTRIKE HLDGS INC	CL A	
22788C 90 5	CROWDSTRIKE HLDGS INC	CALL	
22788C 95 5	CROWDSTRIKE HLDGS INC	PUT	
22822V 10 1 *	CROWN CASTLE INC	COM	
22822V 90 1	CROWN CASTLE INC	CALL	
22822V 95 1	CROWN CASTLE INC	PUT	
228309 10 0 *	CROWN CRAFTS INC	COM	
228309 90 0	CROWN CRAFTS INC	CALL	
228309 95 0	CROWN CRAFTS INC	PUT	
228339 20 6	CROWN ELECTROKINETICS CORP	COM NEW	
228368 10 6 *	CROWN HLDGS INC	COM	
228368 90 6	CROWN HLDGS INC	CALL	
228368 95 6	CROWN HLDGS INC	PUT	
228895 10 8	CRYO-CELL INTL INC	COM	
22890A 10 4	CRYPTYDE INC	COM	
228903 AB 6	ARTIVION INC	NOTE 4.250% 7/0	
228903 10 0 *	ARTIVION INC	COM	
228903 90 0	ARTIVION INC	CALL	
228903 95 0	ARTIVION INC	PUT	
229050 30 7 *	CRYOPORT INC	COM PAR \$0.001	
229050 90 7	CRYOPORT INC	CALL	
229050 95 7	CRYOPORT INC	PUT	
22948Q 10 1 *	CTO RLTY GROWTH INC NEW	COM	
22948Q 90 1	CTO RLTY GROWTH INC NEW	CALL	
22948Q 95 1	CTO RLTY GROWTH INC NEW	PUT	
229663 10 9 *	CUBESMART	COM	
229663 90 9	CUBESMART	CALL	
229663 95 9	CUBESMART	PUT	
22978P 10 6 *	CUE BIOPHARMA INC	COM	
22978P 90 6	CUE BIOPHARMA INC	CALL	
22978P 95 6	CUE BIOPHARMA INC	PUT	
229790 10 0 *	CUE HEALTH INC	COM	
229790 90 0	CUE HEALTH INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 200

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
229790 95 0	CUE HEALTH INC	PUT	
229794 11 0	CUENTAS INC	*W EXP 02/04/202	
229794 20 1	CUENTAS INC	COM NEW	DELETED
229794 30 0	CUENTAS INC	COM	ADDED
229899 10 9 *	CULLEN FROST BANKERS INC	COM	
229899 90 9	CULLEN FROST BANKERS INC	CALL	
229899 95 9	CULLEN FROST BANKERS INC	PUT	
230031 10 6 *	CULLINAN ONCOLOGY INC	COM	
230031 90 6	CULLINAN ONCOLOGY INC	CALL	
230031 95 6	CULLINAN ONCOLOGY INC	PUT	
230153 10 8	CULLMAN BANCORP INC	COM	
230215 10 5 *	CULP INC	COM	
230215 90 5	CULP INC	CALL	
230215 95 5	CULP INC	PUT	
230770 10 9 *	CUMBERLAND PHARMACEUTICALS I	COM	
230770 90 9	CUMBERLAND PHARMACEUTICALS I	CALL	
230770 95 9	CUMBERLAND PHARMACEUTICALS I	PUT	
231021 10 6 *	CUMMINS INC	COM	
231021 90 6	CUMMINS INC	CALL	
231021 95 6	CUMMINS INC	PUT	
231082 80 1 *	CUMULUS MEDIA INC	COM CL A	
231082 90 1	CUMULUS MEDIA INC	CALL	
231082 95 1	CUMULUS MEDIA INC	PUT	
231269 20 0 *	CURIS INC	COM NEW	
231269 90 0	CURIS INC	CALL	
231269 95 0	CURIS INC	PUT	
23130Q 10 7 *	CURIOSITYSTREAM INC	COM CL A	
23130Q 90 7	CURIOSITYSTREAM INC	CALL	
23130Q 95 7	CURIOSITYSTREAM INC	PUT	
23130Q 11 5	CURIOSITYSTREAM INC	*W EXP 10/14/202	
23131L 10 7 *	CURO GROUP HOLDINGS CORP	COM	
23131L 90 7	CURO GROUP HOLDINGS CORP	CALL	
23131L 95 7	CURO GROUP HOLDINGS CORP	PUT	
231561 10 1 *	CURTISS WRIGHT CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 201

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
231561 90 1	CURTISS WRIGHT CORP	CALL	
231561 95 1	CURTISS WRIGHT CORP	PUT	
231631 30 0	NXG CUSHING MIDSTREAM ENERGY	COM NEW	
231647 20 7	NXG NEXTGEN INFRASTR INCM FD	COM	
23204G 10 0 *	CUSTOMERS BANCORP INC	COM	
23204G 90 0	CUSTOMERS BANCORP INC	CALL	
23204G 95 0	CUSTOMERS BANCORP INC	PUT	
23204X 10 3 *	CUSTOM TRUCK ONE SOURCE INC	COM CL A	
23204X 90 3	CUSTOM TRUCK ONE SOURCE INC	CALL	
23204X 95 3	CUSTOM TRUCK ONE SOURCE INC	PUT	
23204X 11 1	CUSTOM TRUCK ONE SOURCE INC	*W EXP 01/01/202	
232109 AB 4	CUTERA INC	NOTE 2.250% 3/1	
232109 10 8 *	CUTERA INC	COM	
232109 90 8	CUTERA INC	CALL	
232109 95 8	CUTERA INC	PUT	
232437 30 1	CYANOTECH CORP	COM PAR \$0.02	
23248B 10 9	CXAPP INC	COM CL A	ADDED
23248B 11 7	CXAPP INC	*W EXP 03/14/202	ADDED
23248V AB 1	CYBERARK SOFTWARE LTD	NOTE 11/1	
23254L 20 7	CYCLACEL PHARMACEUTICALS INC	PFD CONV EX 6%	
23254L 60 3 *	CYCLACEL PHARMACEUTICALS INC	COM	
23254L 90 3	CYCLACEL PHARMACEUTICALS INC	CALL	
23254L 95 3	CYCLACEL PHARMACEUTICALS INC	PUT	
23254X 11 0	CYCLO THERAPEUTICS INC	*W EXP 12/11/202	
23254X 20 1	CYCLO THERAPEUTICS INC	COM NEW	
23255M 10 5 *	CYCLERION THERAPEUTICS INC	COM	
23255M 90 5	CYCLERION THERAPEUTICS INC	CALL	
23255M 95 5	CYCLERION THERAPEUTICS INC	PUT	
23256X 10 0	CYBIN INC	COM	
23257B 10 7 *	CYNGN INC	COM	
23257B 90 7	CYNGN INC	CALL	
23257B 95 7	CYNGN INC	PUT	
23257D 10 3 *	CYMABAY THERAPEUTICS INC	COM	
23257D 90 3	CYMABAY THERAPEUTICS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 202

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
23257D 95 3	CYMABAY THERAPEUTICS INC	PUT	
23282W AA 8	CYTOKINETICS INC	NOTE 4.000%11/1	
23282W 60 5 *	CYTOKINETICS INC	COM NEW	
23282W 90 5	CYTOKINETICS INC	CALL	
23282W 95 5	CYTOKINETICS INC	PUT	
23283X 20 6 *	CYTOSORBENTS CORP	COM NEW	
23283X 90 6	CYTOSORBENTS CORP	CALL	
23283X 95 6	CYTOSORBENTS CORP	PUT	
23284C 10 2 *	CYXTERA TECHNOLOGIES INC	COM CL A	
23284C 90 2	CYXTERA TECHNOLOGIES INC	CALL	
23284C 95 2	CYXTERA TECHNOLOGIES INC	PUT	
23284F 10 5 *	CYTOMX THERAPEUTICS INC	COM	
23284F 90 5	CYTOMX THERAPEUTICS INC	CALL	
23284F 95 5	CYTOMX THERAPEUTICS INC	PUT	
23284P 10 3	CYTEIR THERAPEUTICS INC	COM	
23285D 10 9 *	CYTEK BIOSCIENCES INC	COM	
23285D 90 9	CYTEK BIOSCIENCES INC	CALL	
23285D 95 9	CYTEK BIOSCIENCES INC	PUT	
23291C 10 3 *	DMC GLOBAL INC	COM	
23291C 90 3	DMC GLOBAL INC	CALL	
23291C 95 3	DMC GLOBAL INC	PUT	
23292B 10 4	D MARKET ELECTR SVCS & TRADI	SPONSORED ADS	
23305Q 10 6	D AND Z MEDIA ACQUISITION CO	COM CL A	DELETED
23305Q 11 4	D AND Z MEDIA ACQUISITION CO	*W EXP 01/27/202	DELETED
23305Q 20 5	D AND Z MEDIA ACQUISITION CO	UNIT 99/99/9999	DELETED
233051 10 1 *	DBX ETF TR	XTRACK MSCI EMRG	
233051 90 1	DBX ETF TR	CALL	
233051 95 1	DBX ETF TR	PUT	
233051 11 9	DBX ETF TR	XTRACKERS S&P SM	
233051 12 7	DBX ETF TR	XTRACKERS S&P MD	
233051 13 5	DBX ETF TR	XTRACKERS MSCI	
233051 14 3 *	DBX ETF TR	XTRACKERS S&P	
233051 90 3	DBX ETF TR	CALL	
233051 95 3	DBX ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 203

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
233051 15 0	DBX ETF TR	XTRCKR MSCI US	
233051 19 2	DBX ETF TR	XTKR EMGRIN MKTS	
233051 20 0 *	DBX ETF TR	XTRACK MSCI EAFE	
233051 90 0	DBX ETF TR	CALL	
233051 95 0	DBX ETF TR	PUT	
233051 21 8	DBX ETF TR	XTRACKERS MSCI	
233051 22 6	DBX ETF TR	XTKR MSCI EMRG	
233051 24 2	DBX ETF TR	XTRCKR RUSL 1000	
233051 25 9	DBX ETF TR	XTRACKERS HIGH	
233051 26 7	DBX ETF TR	XTRACKERS LOW	
233051 28 3	DBX ETF TR	XTRACKERS SHRT	
233051 40 8	DBX ETF TR	XTRACK MSCI GRMY	
233051 43 2 *	DBX ETF TR	XTRACK USD HIGH	
233051 90 2	DBX ETF TR	CALL	
233051 95 2	DBX ETF TR	PUT	
233051 48 1 *	DBX ETF TR	XTRACKERS RUSSEL	
233051 90 1	DBX ETF TR	CALL	
233051 95 1	DBX ETF TR	PUT	
233051 50 7 *	DBX ETF TR	XTRACK MSCI JAPN	
233051 90 7	DBX ETF TR	CALL	
233051 95 7	DBX ETF TR	PUT	
233051 51 5	DBX ETF TR	XTRACKERS FTSE	
233051 52 3 *	DBX ETF TR	XTRACK MSCI CHIN	
233051 90 3	DBX ETF TR	CALL	
233051 95 3	DBX ETF TR	PUT	
233051 59 8	DBX ETF TR	XTRACK MSCI ALL	
233051 63 0 *	DBX ETF TR	XTRACK MSCI EAFE	
233051 90 0	DBX ETF TR	CALL	
233051 95 0	DBX ETF TR	PUT	
233051 69 7	DBX ETF TR	XTRACK MSCI EURO	
233051 70 5	DBX ETF TR	XTRACK MUN INFRA	
233051 71 3	DBX ETF TR	XTRCK JP MRGN ES	
233051 73 9	DBX ETF TR	XTCKRS BLMBRG US	
233051 74 7	DBX ETF TR	XTRCK JP MRG ESG	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 204

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
233051 75 4 *	DBX ETF TR	XTRACK CSI 500 A	
233051 90 4	DBX ETF TR	CALL	
233051 95 4	DBX ETF TR	PUT	
233051 76 2 *	DBX ETF TR	XTRACK MSCI CHNA	
233051 90 2	DBX ETF TR	CALL	
233051 95 2	DBX ETF TR	PUT	
233051 82 0	DBX ETF TR	XTRACK MSCI ALL	
233051 84 6 *	DBX ETF TR	XTRACK INTL REAL	
233051 90 6	DBX ETF TR	CALL	
233051 95 6	DBX ETF TR	PUT	
233051 85 3 *	DBX ETF TR	XTRACK MSCI EURP	
233051 90 3	DBX ETF TR	CALL	
233051 95 3	DBX ETF TR	PUT	
233051 87 9 *	DBX ETF TR	XTRACK HRVST CSI	
233051 90 9	DBX ETF TR	CALL	
233051 95 9	DBX ETF TR	PUT	
23306J 10 1 *	DBV TECHNOLOGIES S A	SPONSORED ADR	
23306J 90 1	DBV TECHNOLOGIES S A	CALL	
23306J 95 1	DBV TECHNOLOGIES S A	PUT	
23306X 10 0	DBX ETF TR	XTRACKERS RISK M	
23306X 20 9	DBX ETF TR	XTRACKERS NET ZE	
23306X 30 8	DBX ETF TR	XTRACKRS S&P 500	
23306X 40 7	DBX ETF TR	XTRACKRS S&P 500	
23306X 50 6	DBX ETF TR	XTRACKRS S&P ESG	
23311P 10 0 *	DCP MIDSTREAM LP	COM UT LTD PTN	
23311P 90 0	DCP MIDSTREAM LP	CALL	
23311P 95 0	DCP MIDSTREAM LP	PUT	
23312M 10 6	DA32 LIFE SCNCE TEC ACQSTN C	CLASS A COM	
233247 10 5	DMY TECHNOLOGY GROUP INC VI	CL A COM	
233247 11 3	DMY TECHNOLOGY GROUP INC VI	*W EXP 99/99/999	
233247 20 4	DMY TECHNOLOGY GROUP INC VI	UNIT 99/99/9999	
23325P 10 4	DNP SELECT INCOME FD INC	COM	
233276 10 4	DMY SQUARED TECHNOLOGY GROUP	CL A COM	
233276 11 2	DMY SQUARED TECHNOLOGY GROUP	*W EXP 99/99/999	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 205

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
233276 20 3	DMY SQUARED TECHNOLOGY GROUP	UNIT 99/99/9999	
23331A 10 9 *	D R HORTON INC	COM	
23331A 90 9	D R HORTON INC	CALL	
23331A 95 9	D R HORTON INC	PUT	
23331S 10 0 *	DHI GROUP INC	COM	
23331S 90 0	DHI GROUP INC	CALL	
23331S 95 0	DHI GROUP INC	PUT	
233331 10 7 *	DTE ENERGY CO	COM	
233331 90 7	DTE ENERGY CO	CALL	
233331 95 7	DTE ENERGY CO	PUT	
23334J 10 7	DTF TAX-FREE INCOME 2028 TER	COM	
23335Q 10 0 *	DLH HLDGS CORP	COM	
23335Q 90 0	DLH HLDGS CORP	CALL	
23335Q 95 0	DLH HLDGS CORP	PUT	
233368 10 9	DWS MUN INCOME TR	COM	
233377 40 7 *	DXP ENTERPRISES INC	COM NEW	
233377 90 7	DXP ENTERPRISES INC	CALL	
233377 95 7	DXP ENTERPRISES INC	PUT	
23342Q 10 1	DWS STRATEGIC MUN INCOME TR	COM	
23344D 10 8 *	DADA NEXUS LTD	ADS	
23344D 90 8	DADA NEXUS LTD	CALL	
23344D 95 8	DADA NEXUS LTD	PUT	
23344T 10 3	DTRT HEALTH ACQUISITION CORP	COM CL A	DELETED
23344T 11 1	DTRT HEALTH ACQUISITION CORP	*W EXP 08/31/202	DELETED
23344T 20 2	DTRT HEALTH ACQUISITION CORP	UNIT 08/31/2029	DELETED
23345J 10 4 *	DICE THERAPEUTICS INC	COM	
23345J 90 4	DICE THERAPEUTICS INC	CALL	
23345J 95 4	DICE THERAPEUTICS INC	PUT	
23345M 10 7 *	DT MIDSTREAM INC	COMMON STOCK	
23345M 90 7	DT MIDSTREAM INC	CALL	
23345M 95 7	DT MIDSTREAM INC	PUT	
23355L 10 6 *	DXC TECHNOLOGY CO	COM	
23355L 90 6	DXC TECHNOLOGY CO	CALL	
23355L 95 6	DXC TECHNOLOGY CO	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 206

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
233912 10 4	DAILY JOURNAL CORP	COM	
234264 10 9 *	DAKTRONICS INC	COM	
234264 90 9	DAKTRONICS INC	CALL	
234264 95 9	DAKTRONICS INC	PUT	
235050 10 1	DALLASNEWS CORPORATION	COM SER A	
235825 20 5 *	DANA INC	COM	
235825 90 5	DANA INC	CALL	
235825 95 5	DANA INC	PUT	
235851 10 2 *	DANAHER CORPORATION	COM	
235851 90 2	DANAHER CORPORATION	CALL	
235851 95 2	DANAHER CORPORATION	PUT	
235851 40 9	DANAHER CORPORATION	5% CONV PFD B	
236272 10 0 *	DANIMER SCIENTIFIC INC	COM CL A	
236272 90 0	DANIMER SCIENTIFIC INC	CALL	
236272 95 0	DANIMER SCIENTIFIC INC	PUT	
23666P 10 1	DARE BIOSCIENCE INC	COM	
23703Q 20 3 *	DAQO NEW ENERGY CORP	SPNSRD ADS NEW	
23703Q 90 3	DAQO NEW ENERGY CORP	CALL	
23703Q 95 3	DAQO NEW ENERGY CORP	PUT	
237194 10 5 *	DARDEN RESTAURANTS INC	COM	
237194 90 5	DARDEN RESTAURANTS INC	CALL	
237194 95 5	DARDEN RESTAURANTS INC	PUT	
23725P 20 9 *	DARIOHEALTH CORP	COM NEW	
23725P 90 9	DARIOHEALTH CORP	CALL	
23725P 95 9	DARIOHEALTH CORP	PUT	
237266 10 1 *	DARLING INGREDIENTS INC	COM	
237266 90 1	DARLING INGREDIENTS INC	CALL	
237266 95 1	DARLING INGREDIENTS INC	PUT	
23753F 10 7 *	DASEKE INC	COM	
23753F 90 7	DASEKE INC	CALL	
23753F 95 7	DASEKE INC	PUT	
237690 10 2 *	DATA I O CORP	COM	
237690 90 2	DATA I O CORP	CALL	
237690 95 2	DATA I O CORP	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 207

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
237699 10 3	DATA KNIGHTS ACQUISITION COR	CLASS A COM	
237699 11 1	DATA KNIGHTS ACQUISITION COR	*W EXP 11/11/202	
237699 20 2	DATA KNIGHTS ACQUISITION COR	UNIT 05/06/2026	
23786R 11 0	DATA STORAGE CORP	*W EXP 05/18/202	
23786R 20 1	DATA STORAGE CORP	COM NEW	
23804L AB 9	DATADOG INC	NOTE 0.125% 6/1	
23804L 10 3 *	DATADOG INC	CL A COM	
23804L 90 3	DATADOG INC	CALL	
23804L 95 3	DATADOG INC	PUT	
238116 20 6	DATASEA INC	COM NEW	
23816M 10 7	DATCHAT INC	COM	
23816M 11 5	DATCHAT INC	*W EXP 08/13/202	
238337 10 9 *	DAVE & BUSTERS ENTMT INC	COM	
238337 90 9	DAVE & BUSTERS ENTMT INC	CALL	
238337 95 9	DAVE & BUSTERS ENTMT INC	PUT	
23834J 10 2 *	DAVE INC	CLASS A COM	DELETED
23834J 90 2	DAVE INC	CALL	DELETED
23834J 95 2	DAVE INC	PUT	DELETED
23834J 11 0	DAVE INC	*W EXP 01/05/202	
23834J 20 1 *	DAVE INC	CLASS A COM NEW	ADDED
23834J 90 1	DAVE INC	CALL	ADDED
23834J 95 1	DAVE INC	PUT	ADDED
238661 10 2 *	DAVIDSTEA INC	COM	
238661 90 2	DAVIDSTEA INC	CALL	
238661 95 2	DAVIDSTEA INC	PUT	
23908L 10 8	DAVIS FUNDAMENTAL ETF TR	SELECT FINL	
23908L 20 7	DAVIS FUNDAMENTAL ETF TR	SELECT US EQTY	
23908L 30 6	DAVIS FUNDAMENTAL ETF TR	SELECT WRLD WI	
23908L 40 5	DAVIS FUNDAMENTAL ETF TR	SELCT INTL ETF	
23918K 10 8 *	DAVITA INC	COM	
23918K 90 8	DAVITA INC	CALL	
23918K 95 8	DAVITA INC	PUT	
239360 10 0	DAWSON GEOPHYSICAL CO NEW	COM	
239467 10 3	DAXOR CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 208

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
23954D 10 9 *	DAY ONE BIOPHARMACEUTICALS I	COM	
23954D 90 9	DAY ONE BIOPHARMACEUTICALS I	CALL	
23954D 95 9	DAY ONE BIOPHARMACEUTICALS I	PUT	
24343R 10 6 *	DECIBEL THERAPEUTICS INC	COM	
24343R 90 6	DECIBEL THERAPEUTICS INC	CALL	
24343R 95 6	DECIBEL THERAPEUTICS INC	PUT	
24344T 10 1 *	DECIPHERA PHARMACEUTICALS IN	COM	
24344T 90 1	DECIPHERA PHARMACEUTICALS IN	CALL	
24344T 95 1	DECIPHERA PHARMACEUTICALS IN	PUT	
24345A 50 7	DECISIONPOINT SYS INC NEW	COM	
243537 10 7 *	DECKERS OUTDOOR CORP	COM	
243537 90 7	DECKERS OUTDOOR CORP	CALL	
243537 95 7	DECKERS OUTDOOR CORP	PUT	
243733 10 2	DEEP MEDICINE ACQUISITION CO	CLASS A COM	
243733 11 0	DEEP MEDICINE ACQUISITION CO	RIGHT 10/22/2026	
244199 10 5 *	DEERE & CO	COM	
244199 90 5	DEERE & CO	CALL	
244199 95 5	DEERE & CO	PUT	
24477E 10 3 *	DEFINITIVE HEALTHCARE CORP	CLASS A COM	
24477E 90 3	DEFINITIVE HEALTHCARE CORP	CALL	
24477E 95 3	DEFINITIVE HEALTHCARE CORP	PUT	
245915 10 3	DELAWARE INVTS DIVID & INCOM	COM	DELETED
246060 10 7	DELAWARE ENHANCED GLOBAL DIV	COM	DELETED
24610T 10 8	DELAWARE INVTS NATL MUN INCO	SH BEN INT	
246107 10 6	DELAWARE IVY HIGH INCOME OPP	COM	DELETED
24661P 80 7 *	DEL CATH SYS INC	COM NEW	
24661P 90 7	DEL CATH SYS INC	CALL	
24661P 95 7	DEL CATH SYS INC	PUT	
24664T 10 3 *	DELEK LOGISTICS PARTNERS LP	COM UNT RP INT	
24664T 90 3	DELEK LOGISTICS PARTNERS LP	CALL	
24664T 95 3	DELEK LOGISTICS PARTNERS LP	PUT	
24665A 10 3 *	DELEK US HLDGS INC NEW	COM	
24665A 90 3	DELEK US HLDGS INC NEW	CALL	
24665A 95 3	DELEK US HLDGS INC NEW	PUT	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 209

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
24703L 20 2 *	DELL TECHNOLOGIES INC	CL C	
24703L 90 2	DELL TECHNOLOGIES INC	CALL	
24703L 95 2	DELL TECHNOLOGIES INC	PUT	
247361 70 2 *	DELTA AIR LINES INC DEL	COM NEW	
247361 90 2	DELTA AIR LINES INC DEL	CALL	
247361 95 2	DELTA AIR LINES INC DEL	PUT	
247368 10 3	DELTA APPAREL INC	COM	
24790A 10 1 *	DENBURY INC	COM	
24790A 90 1	DENBURY INC	CALL	
24790A 95 1	DENBURY INC	PUT	
248019 10 1 *	DELUXE CORP	COM	
248019 90 1	DELUXE CORP	CALL	
248019 95 1	DELUXE CORP	PUT	
24823R 10 5 *	DENALI THERAPEUTICS INC	COM	
24823R 90 5	DENALI THERAPEUTICS INC	CALL	
24823R 95 5	DENALI THERAPEUTICS INC	PUT	
248356 10 7 *	DENISON MINES CORP	COM	
248356 90 7	DENISON MINES CORP	CALL	
248356 95 7	DENISON MINES CORP	PUT	
24869P 10 4 *	DENNYS CORP	COM	
24869P 90 4	DENNYS CORP	CALL	
24869P 95 4	DENNYS CORP	PUT	
24906P 10 9 *	DENTSPLY SIRONA INC	COM	
24906P 90 9	DENTSPLY SIRONA INC	CALL	
24906P 95 9	DENTSPLY SIRONA INC	PUT	
24984K 10 5 *	DERMTECH INC	COM	
24984K 90 5	DERMTECH INC	CALL	
24984K 95 5	DERMTECH INC	PUT	
249845 10 8	DERMATA THERAPEUTICS INC	COM	DELETED
249845 11 6	DERMATA THERAPEUTICS INC	*W EXP 08/13/202	
249845 30 6	DERMATA THERAPEUTICS INC	COM NEW	ADDED
249906 10 8 *	DESCARTES SYS GROUP INC	COM	
249906 90 8	DESCARTES SYS GROUP INC	CALL	
249906 95 8	DESCARTES SYS GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 210

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25056L 10 3 *	DESIGN THERAPEUTICS INC	COM	
25056L 90 3	DESIGN THERAPEUTICS INC	CALL	
25056L 95 3	DESIGN THERAPEUTICS INC	PUT	
250565 10 8 *	DESIGNER BRANDS INC	CL A	
250565 90 8	DESIGNER BRANDS INC	CALL	
250565 95 8	DESIGNER BRANDS INC	PUT	
25058X 10 5 *	DESKTOP METAL INC	COM CL A	
25058X 90 5	DESKTOP METAL INC	CALL	
25058X 95 5	DESKTOP METAL INC	PUT	
250639 10 1	DESWELL INDS INC	COM	
25065A 50 2	DESTRA MULTI-ALTERNATIVE FD	COMMON SHARES	
25065K 10 4 *	DESTINATION XL GROUP INC	COM	
25065K 90 4	DESTINATION XL GROUP INC	CALL	
25065K 95 4	DESTINATION XL GROUP INC	PUT	
25154H 73 1	DEUTSCHE BK AG LONDON BRH	DB GOLD SHORT	
25154H 74 9	DEUTSCHE BK AG LONDON BRH	DB GOLD DBL LNG	
25154H 75 6	DEUTSCHE BK AG LONDON BRH	GOLD DOUBLE SHOR	
25179M 10 3 *	DEVON ENERGY CORP NEW	COM	
25179M 90 3	DEVON ENERGY CORP NEW	CALL	
25179M 95 3	DEVON ENERGY CORP NEW	PUT	
252131 AH 0	DEXCOM INC	NOTE 0.750%12/0	
252131 AK 3	DEXCOM INC	NOTE 0.250%11/1	
252131 10 7 *	DEXCOM INC	COM	
252131 90 7	DEXCOM INC	CALL	
252131 95 7	DEXCOM INC	PUT	
25243Q 20 5 *	DIAGEO PLC	SPON ADR NEW	
25243Q 90 5	DIAGEO PLC	CALL	
25243Q 95 5	DIAGEO PLC	PUT	
25253X 20 7 *	DIAMEDICA THERAPEUTICS INC	COM NEW	
25253X 90 7	DIAMEDICA THERAPEUTICS INC	CALL	
25253X 95 7	DIAMEDICA THERAPEUTICS INC	PUT	
25264R 20 7	DIAMOND HILL INVT GROUP INC	COM NEW	
25271C 20 1 *	DIAMOND OFFSHORE DRILLING IN	COM	
25271C 90 1	DIAMOND OFFSHORE DRILLING IN	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 211

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25271C 95 1	DIAMOND OFFSHORE DRILLING IN	PUT	
25278L 10 5	DIAMONDHEAD HOLDINGS CORP	CL A	DELETED
25278L 11 3	DIAMONDHEAD HOLDINGS CORP	*W EXP 01/28/202	DELETED
25278L 20 4	DIAMONDHEAD HOLDINGS CORP	UNIT 01/21/2026	DELETED
25278X 10 9 *	DIAMONDBACK ENERGY INC	COM	
25278X 90 9	DIAMONDBACK ENERGY INC	CALL	
25278X 95 9	DIAMONDBACK ENERGY INC	PUT	
252784 30 1 *	DIAMONDROCK HOSPITALITY CO	COM	
252784 90 1	DIAMONDROCK HOSPITALITY CO	CALL	
252784 95 1	DIAMONDROCK HOSPITALITY CO	PUT	
253393 AD 4	DICKS SPORTING GOODS INC	NOTE 3.250% 4/1	
253393 10 2 *	DICKS SPORTING GOODS INC	COM	
253393 90 2	DICKS SPORTING GOODS INC	CALL	
253393 95 2	DICKS SPORTING GOODS INC	PUT	
253651 10 3 *	DIEBOLD NIXDORF INC	COM STK	
253651 90 3	DIEBOLD NIXDORF INC	CALL	
253651 95 3	DIEBOLD NIXDORF INC	PUT	
253748 40 4	DIFFUSION PHARMACEUTICALS IN	COM NEW	
253798 10 2 *	DIGI INTL INC	COM	
253798 90 2	DIGI INTL INC	CALL	
253798 95 2	DIGI INTL INC	PUT	
25381B 10 1 *	DIGIMARC CORP NEW	COM	
25381B 90 1	DIGIMARC CORP NEW	CALL	
25381B 95 1	DIGIMARC CORP NEW	PUT	
25381D 20 6	DIGIHOST TECHNOLOGY INC	COM NEW	
25382T 10 1 *	DIGITAL ALLY INC	COM	DELETED
25382T 90 1	DIGITAL ALLY INC	CALL	DELETED
25382T 95 1	DIGITAL ALLY INC	PUT	DELETED
25382T 20 0 *	DIGITAL ALLY INC	COM NEW	ADDED
25382T 90 0	DIGITAL ALLY INC	CALL	ADDED
25382T 95 0	DIGITAL ALLY INC	PUT	ADDED
253868 10 3 *	DIGITAL RLTY TR INC	COM	
253868 90 3	DIGITAL RLTY TR INC	CALL	
253868 95 3	DIGITAL RLTY TR INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 212

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
253893 10 1	DIGITAL HEALTH ACQUISITION C	COMMON STOCK	
253893 11 9	DIGITAL HEALTH ACQUISITION C	*W EXP 11/02/202	
253893 20 0	DIGITAL HEALTH ACQUISITION C	UNIT 11/02/2026	
25400Q 10 5 *	DIGITAL WORLD ACQUISITION CO	CLASS A COM	
25400Q 90 5	DIGITAL WORLD ACQUISITION CO	CALL	
25400Q 95 5	DIGITAL WORLD ACQUISITION CO	PUT	
25400Q 11 3	DIGITAL WORLD ACQUISITION CO	*W EXP 06/30/202	
25400Q 20 4	DIGITAL WORLD ACQUISITION CO	UNIT 06/30/2028	
25400W 10 2 *	DIGITAL TURBINE INC	COM NEW	
25400W 90 2	DIGITAL TURBINE INC	CALL	
25400W 95 2	DIGITAL TURBINE INC	PUT	
25401G 10 6	DIGITAL MEDIA SOLUTIONS INC	COM CL A	
25401G 11 4	DIGITAL MEDIA SOLUTIONS INC	*W EXP 07/15/202	
25401K 10 7	DIGITAL TRANSFORMATN OPT COR	CLASS A COM	
25401K 11 5	DIGITAL TRANSFORMATN OPT COR	*W EXP 03/31/202	
25401K 20 6	DIGITAL TRANSFORMATN OPT COR	UNIT 03/31/2028	
25401N 12 7	DIGITAL BRANDS GROUP INC	*W EXP 05/18/202	
25401N 30 9	DIGITAL BRANDS GROUP INC	COM NEW	
25401T 60 3 *	DIGITALBRIDGE GROUP INC	CL A NEW	
25401T 90 3	DIGITALBRIDGE GROUP INC	CALL	
25401T 95 3	DIGITALBRIDGE GROUP INC	PUT	
25402D AB 8	DIGITALOCEAN HLDGS INC	NOTE	12/0
25402D 10 2 *	DIGITALOCEAN HLDGS INC	COM	
25402D 90 2	DIGITALOCEAN HLDGS INC	CALL	
25402D 95 2	DIGITALOCEAN HLDGS INC	PUT	
254067 10 1 *	DILLARDS INC	CL A	
254067 90 1	DILLARDS INC	CALL	
254067 95 1	DILLARDS INC	PUT	
25432X 10 2 *	DIME CMNTY BANCSHARES INC	COM	
25432X 90 2	DIME CMNTY BANCSHARES INC	CALL	
25432X 95 2	DIME CMNTY BANCSHARES INC	PUT	
25434V 10 4 *	DIMENSIONAL ETF TRUST	US CORE EQT MKT	
25434V 90 4	DIMENSIONAL ETF TRUST	CALL	
25434V 95 4	DIMENSIONAL ETF TRUST	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 213

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
25434V 20 3 *	DIMENSIONAL ETF TRUST	INTL CORE EQT MK	
25434V 90 3	DIMENSIONAL ETF TRUST	CALL	
25434V 95 3	DIMENSIONAL ETF TRUST	PUT	
25434V 30 2	DIMENSIONAL ETF TRUST	EMGR CRE EQT MNG	
25434V 40 1 *	DIMENSIONAL ETF TRUST	US EQUITY ETF	
25434V 90 1	DIMENSIONAL ETF TRUST	CALL	
25434V 95 1	DIMENSIONAL ETF TRUST	PUT	
25434V 50 0 *	DIMENSIONAL ETF TRUST	US SMALL CAP ETF	
25434V 90 0	DIMENSIONAL ETF TRUST	CALL	
25434V 95 0	DIMENSIONAL ETF TRUST	PUT	
25434V 60 9 *	DIMENSIONAL ETF TRUST	US TARGETED VLU	
25434V 90 9	DIMENSIONAL ETF TRUST	CALL	
25434V 95 9	DIMENSIONAL ETF TRUST	PUT	
25434V 65 8	DIMENSIONAL ETF TRUST	GLOBAL REAL EST	
25434V 66 6	DIMENSIONAL ETF TRUST	US LARGE CAP VAL	
25434V 67 4	DIMENSIONAL ETF TRUST	GLOBAL SUSTAINA	
25434V 68 2	DIMENSIONAL ETF TRUST	EMERGING MARKETS	
25434V 69 0	DIMENSIONAL ETF TRUST	INTERNATIONAL	
25434V 70 8 *	DIMENSIONAL ETF TRUST	US CORE EQUITY 2	
25434V 90 8	DIMENSIONAL ETF TRUST	CALL	
25434V 95 8	DIMENSIONAL ETF TRUST	PUT	
25434V 71 6	DIMENSIONAL ETF TRUST	US SUSTAINABILTY	
25434V 72 4 *	DIMENSIONAL ETF TRUST	US MKTWIDE VALUE	
25434V 90 4	DIMENSIONAL ETF TRUST	CALL	
25434V 95 4	DIMENSIONAL ETF TRUST	PUT	
25434V 73 2	DIMENSIONAL ETF TRUST	EMERGING MKTS CO	
25434V 74 0	DIMENSIONAL ETF TRUST	EMERGING MKTS VA	
25434V 75 7	DIMENSIONAL ETF TRUST	EMERGING MKTS HI	
25434V 76 5	DIMENSIONAL ETF TRUST	INTL HIGH PROFIT	
25434V 77 3	DIMENSIONAL ETF TRUST	INTL SMALL CAP E	
25434V 78 1	DIMENSIONAL ETF TRUST	INTL SMALL CAP V	
25434V 79 9 *	DIMENSIONAL ETF TRUST	INTL CORE EQUITY	
25434V 90 9	DIMENSIONAL ETF TRUST	CALL	
25434V 95 9	DIMENSIONAL ETF TRUST	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 214

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25434V 80 7 *	DIMENSIONAL ETF TRUST	INTERNATNAL VAL	
25434V 90 7	DIMENSIONAL ETF TRUST	CALL	
25434V 95 7	DIMENSIONAL ETF TRUST	PUT	
25434V 81 5 *	DIMENSIONAL ETF TRUST	US SMALL CAP VAL	
25434V 90 5	DIMENSIONAL ETF TRUST	CALL	
25434V 95 5	DIMENSIONAL ETF TRUST	PUT	
25434V 82 3 *	DIMENSIONAL ETF TRUST	US REAL ESTATE E	
25434V 90 3	DIMENSIONAL ETF TRUST	CALL	
25434V 95 3	DIMENSIONAL ETF TRUST	PUT	
25434V 83 1 *	DIMENSIONAL ETF TRUST	US HIGH PROFITAB	
25434V 90 1	DIMENSIONAL ETF TRUST	CALL	
25434V 95 1	DIMENSIONAL ETF TRUST	PUT	
25434V 84 9	DIMENSIONAL ETF TRUST	NATL MUN BD ETF	
25434V 85 6 *	DIMENSIONAL ETF TRUST	INFLATION PROTE	
25434V 90 6	DIMENSIONAL ETF TRUST	CALL	
25434V 95 6	DIMENSIONAL ETF TRUST	PUT	
25434V 86 4	DIMENSIONAL ETF TRUST	SHORT DURATION F	
25434V 87 2	DIMENSIONAL ETF TRUST	CORE FIXED INCOM	
25434V 88 0 *	DIMENSIONAL ETF TRUST	WORLD EX US CORE	
25434V 90 0	DIMENSIONAL ETF TRUST	CALL	
25434V 95 0	DIMENSIONAL ETF TRUST	PUT	
254423 10 6 *	DINE BRANDS GLOBAL INC	COM	
254423 90 6	DINE BRANDS GLOBAL INC	CALL	
254423 95 6	DINE BRANDS GLOBAL INC	PUT	
25445D 10 1 *	DINGDONG CAYMAN LTD	ADS	
25445D 90 1	DINGDONG CAYMAN LTD	CALL	
25445D 95 1	DINGDONG CAYMAN LTD	PUT	
254543 10 1 *	DIODES INC	COM	
254543 90 1	DIODES INC	CALL	
254543 95 1	DIODES INC	PUT	
25459W 10 2 *	DIREXION SHS ETF TR	DLY TECH BULL 3X	
25459W 90 2	DIREXION SHS ETF TR	CALL	
25459W 95 2	DIREXION SHS ETF TR	PUT	
25459W 45 8 *	DIREXION SHS ETF TR	DLY SCOND 3XB	



Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 215

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25459W 90 8	DIREXION SHS ETF TR	CALL	
25459W 95 8	DIREXION SHS ETF TR	PUT	
25459W 54 0 *	DIREXION SHS ETF TR	20YR TRES BULL	
25459W 90 0	DIREXION SHS ETF TR	CALL	
25459W 95 0	DIREXION SHS ETF TR	PUT	
25459W 55 7 *	DIREXION SHS ETF TR	7 10YR TRES BEAR	
25459W 90 7	DIREXION SHS ETF TR	CALL	
25459W 95 7	DIREXION SHS ETF TR	PUT	
25459W 56 5 *	DIREXION SHS ETF TR	7 10YR TRES BULL	
25459W 90 5	DIREXION SHS ETF TR	CALL	
25459W 95 5	DIREXION SHS ETF TR	PUT	
25459W 73 0 *	DIREXION SHS ETF TR	DLY MIDCAP ETF3X	
25459W 90 0	DIREXION SHS ETF TR	CALL	
25459W 95 0	DIREXION SHS ETF TR	PUT	
25459W 75 5 *	DIREXION SHS ETF TR	DAILY REAL EST B	
25459W 90 5	DIREXION SHS ETF TR	CALL	
25459W 95 5	DIREXION SHS ETF TR	PUT	
25459W 84 7 *	DIREXION SHS ETF TR	DLY SMCAP BULL3X	
25459W 90 7	DIREXION SHS ETF TR	CALL	
25459W 95 7	DIREXION SHS ETF TR	PUT	
25459W 86 2 *	DIREXION SHS ETF TR	DRX S&P500BULL	
25459W 90 2	DIREXION SHS ETF TR	CALL	
25459W 95 2	DIREXION SHS ETF TR	PUT	
25459Y 11 6 *	DIREXION SHS ETF TR	CSI300 CHINA1X	DELETED
25459Y 90 6	DIREXION SHS ETF TR	CALL	DELETED
25459Y 95 6	DIREXION SHS ETF TR	PUT	DELETED
25459Y 16 5 *	DIREXION SHS ETF TR	DLY S&P500 2XS	
25459Y 90 5	DIREXION SHS ETF TR	CALL	
25459Y 95 5	DIREXION SHS ETF TR	PUT	
25459Y 20 7 *	DIREXION SHS ETF TR	NAS100 EQL WGT	
25459Y 90 7	DIREXION SHS ETF TR	CALL	
25459Y 95 7	DIREXION SHS ETF TR	PUT	
25459Y 28 0 *	DIREXION SHS ETF TR	DLY FTS BUL 3X	
25459Y 90 0	DIREXION SHS ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 216

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25459Y 95 0	DIREXION SHS ETF TR	PUT	
25459Y 52 0 *	DIREXION SHS ETF TR	DRX DLYSOKOR3X	
25459Y 90 0	DIREXION SHS ETF TR	CALL	
25459Y 95 0	DIREXION SHS ETF TR	PUT	
25459Y 69 4 *	DIREXION SHS ETF TR	DLY FIN BULL NEW	
25459Y 90 4	DIREXION SHS ETF TR	CALL	
25459Y 95 4	DIREXION SHS ETF TR	PUT	
25459Y 80 1 *	DIREXION SHS ETF TR	DLY CNMSR BULL	
25459Y 90 1	DIREXION SHS ETF TR	CALL	
25459Y 95 1	DIREXION SHS ETF TR	PUT	
25459Y 87 6 *	DIREXION SHS ETF TR	HEALTHCARE BUL	
25459Y 90 6	DIREXION SHS ETF TR	CALL	
25459Y 95 6	DIREXION SHS ETF TR	PUT	
25460E 23 2 *	DIREXION SHS ETF TR	DAILY SM CP BEAR	
25460E 90 2	DIREXION SHS ETF TR	CALL	
25460E 95 2	DIREXION SHS ETF TR	PUT	
25460E 24 0 *	DIREXION SHS ETF TR	DAILY FINL BEAR	
25460E 90 0	DIREXION SHS ETF TR	CALL	
25460E 95 0	DIREXION SHS ETF TR	PUT	
25460E 25 7 *	DIREXION SHS ETF TR	DAILY S&P BEAR	
25460E 90 7	DIREXION SHS ETF TR	CALL	
25460E 95 7	DIREXION SHS ETF TR	PUT	
25460E 26 5 *	DIREXION SHS ETF TR	DLY S&P500 BR 3X	
25460E 90 5	DIREXION SHS ETF TR	CALL	
25460E 95 5	DIREXION SHS ETF TR	PUT	
25460E 28 1 *	DIREXION SHS ETF TR	DLY MSCI MX 3X	
25460E 90 1	DIREXION SHS ETF TR	CALL	
25460E 95 1	DIREXION SHS ETF TR	PUT	
25460E 30 7 *	DIREXION SHS ETF TR	AUSPCE CMD STG	
25460E 90 7	DIREXION SHS ETF TR	CALL	
25460E 95 7	DIREXION SHS ETF TR	PUT	
25460E 36 4 *	DIREXION SHS ETF TR	DAILY DJ BULL	
25460E 90 4	DIREXION SHS ETF TR	CALL	
25460E 95 4	DIREXION SHS ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 217

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25460E 52 1 *	DIREXION SHS ETF TR	DAILY FTSE CHINA	
25460E 90 1	DIREXION SHS ETF TR	CALL	
25460E 95 1	DIREXION SHS ETF TR	PUT	
25460E 54 7 *	DIREXION SHS ETF TR	DAILY MSCI EMERG	
25460E 90 7	DIREXION SHS ETF TR	CALL	
25460E 95 7	DIREXION SHS ETF TR	PUT	
25460E 64 6 *	DIREXION SHS ETF TR	DAILY PHARMA	
25460E 90 6	DIREXION SHS ETF TR	CALL	
25460E 95 6	DIREXION SHS ETF TR	PUT	
25460E 66 1 *	DIREXION SHS ETF TR	DLY AEROSPC 3X	
25460E 90 1	DIREXION SHS ETF TR	CALL	
25460E 95 1	DIREXION SHS ETF TR	PUT	
25460E 67 9 *	DIREXION SHS ETF TR	DAILY TRANS 3X	
25460E 90 9	DIREXION SHS ETF TR	CALL	
25460E 95 9	DIREXION SHS ETF TR	PUT	
25460E 71 1 *	DIREXION SHS ETF TR	DLY UTLTIES 3X	
25460E 90 1	DIREXION SHS ETF TR	CALL	
25460E 95 1	DIREXION SHS ETF TR	PUT	
25460E 73 7 *	DIREXION SHS ETF TR	DLY INDL BU 3X	
25460E 90 7	DIREXION SHS ETF TR	CALL	
25460E 95 7	DIREXION SHS ETF TR	PUT	
25460E 86 9 *	DIREXION SHS ETF TR	DLY S&P500 BR 1X	
25460E 90 9	DIREXION SHS ETF TR	CALL	
25460E 95 9	DIREXION SHS ETF TR	PUT	
25460G 16 1 *	DIREXION SHS ETF TR	DAILY NYSE FANG	ADDED
25460G 90 1	DIREXION SHS ETF TR	CALL	ADDED
25460G 95 1	DIREXION SHS ETF TR	PUT	ADDED
25460G 17 9 *	DIREXION SHS ETF TR	DAILY ENERGY BEA	
25460G 90 9	DIREXION SHS ETF TR	CALL	
25460G 95 9	DIREXION SHS ETF TR	PUT	
25460G 18 7 *	DIREXION SHS ETF TR	DAILY CSI 2X SH	
25460G 90 7	DIREXION SHS ETF TR	CALL	
25460G 95 7	DIREXION SHS ETF TR	PUT	
25460G 19 5 *	DIREXION SHS ETF TR	DL FTSE BULL 3X	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 218

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
25460G 90 5	DIREXION SHS ETF TR	CALL	
25460G 95 5	DIREXION SHS ETF TR	PUT	
25460G 23 7 *	DIREXION SHS ETF TR	BREAKFAST CMDTY	
25460G 90 7	DIREXION SHS ETF TR	CALL	
25460G 95 7	DIREXION SHS ETF TR	PUT	
25460G 25 2 *	DIREXION SHS ETF TR	DLY ELCT AND AUT	
25460G 90 2	DIREXION SHS ETF TR	CALL	
25460G 95 2	DIREXION SHS ETF TR	PUT	
25460G 26 0 *	DIREXION SHS ETF TR	DLY TSLA BEAR 1X	
25460G 90 0	DIREXION SHS ETF TR	CALL	
25460G 95 0	DIREXION SHS ETF TR	PUT	
25460G 28 6 *	DIREXION SHS ETF TR	TSLA BULL 1.5X	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 29 4 *	DIREXION SHS ETF TR	DAILY TIPS BEAR	
25460G 90 4	DIREXION SHS ETF TR	CALL	
25460G 95 4	DIREXION SHS ETF TR	PUT	
25460G 31 0 *	DIREXION SHS ETF TR	DAILY TIPS BULL	
25460G 90 0	DIREXION SHS ETF TR	CALL	
25460G 95 0	DIREXION SHS ETF TR	PUT	
25460G 32 8 *	DIREXION SHS ETF TR	DLY S&P OIL GAS	
25460G 90 8	DIREXION SHS ETF TR	CALL	
25460G 95 8	DIREXION SHS ETF TR	PUT	
25460G 33 6 *	DIREXION SHS ETF TR	DLY SEMICNDTR BR	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 36 9	DIREXION SHS ETF TR	DAILY S&P 500 EQ	
25460G 39 3 *	DIREXION SHS ETF TR	DAILY TECH OCT21	
25460G 90 3	DIREXION SHS ETF TR	CALL	
25460G 95 3	DIREXION SHS ETF TR	PUT	
25460G 41 9 *	DIREXION SHS ETF TR	DAILY REAL ESTAT	
25460G 90 9	DIREXION SHS ETF TR	CALL	
25460G 95 9	DIREXION SHS ETF TR	PUT	
25460G 42 7 *	DIREXION SHS ETF TR	DIREXION MRNA	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 219

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25460G 90 7	DIREXION SHS ETF TR	CALL	
25460G 95 7	DIREXION SHS ETF TR	PUT	
25460G 43 5 *	DIREXION SHS ETF TR	DIREXION DAILY O	
25460G 90 5	DIREXION SHS ETF TR	CALL	
25460G 95 5	DIREXION SHS ETF TR	PUT	
25460G 45 0 *	DIREXION SHS ETF TR	NANOTECHNOLOGY	DELETED
25460G 90 0	DIREXION SHS ETF TR	CALL	DELETED
25460G 95 0	DIREXION SHS ETF TR	PUT	DELETED
25460G 46 8 *	DIREXION SHS ETF TR	DAILY METAL MINE	
25460G 90 8	DIREXION SHS ETF TR	CALL	
25460G 95 8	DIREXION SHS ETF TR	PUT	
25460G 47 6 *	DIREXION SHS ETF TR	DAILY SOFTWARE	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 48 4 *	DIREXION SHS ETF TR	DAILY US FINTECH	DELETED
25460G 90 4	DIREXION SHS ETF TR	CALL	DELETED
25460G 95 4	DIREXION SHS ETF TR	PUT	DELETED
25460G 49 2 *	DIREXION SHS ETF TR	DAILY US INFRAST	DELETED
25460G 90 2	DIREXION SHS ETF TR	CALL	DELETED
25460G 95 2	DIREXION SHS ETF TR	PUT	DELETED
25460G 50 0 *	DIREXION SHS ETF TR	OIL GAS BL 2X SH	
25460G 90 0	DIREXION SHS ETF TR	CALL	
25460G 95 0	DIREXION SHS ETF TR	PUT	
25460G 52 6 *	DIREXION SHS ETF TR	DAILY GLOBAL CLN	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 54 2 *	DIREXION SHS ETF TR	DAILY TRAVEL VAC	
25460G 90 2	DIREXION SHS ETF TR	CALL	
25460G 95 2	DIREXION SHS ETF TR	PUT	
25460G 57 5 *	DIREXION SHS ETF TR	SELECT LARGE CAP	DELETED
25460G 90 5	DIREXION SHS ETF TR	CALL	DELETED
25460G 95 5	DIREXION SHS ETF TR	PUT	DELETED
25460G 60 9 *	DIREXION SHS ETF TR	DLY ENRGY BULL2X	
25460G 90 9	DIREXION SHS ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 220

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
25460G 95 9	DIREXION SHS ETF TR	PUT	
25460G 61 7 *	DIREXION SHS ETF TR	HYDROGEN ETF	
25460G 90 7	DIREXION SHS ETF TR	CALL	
25460G 95 7	DIREXION SHS ETF TR	PUT	
25460G 62 5 *	DIREXION SHS ETF TR	DAILY CLUD BUL2X	
25460G 90 5	DIREXION SHS ETF TR	CALL	
25460G 95 5	DIREXION SHS ETF TR	PUT	
25460G 66 6 *	DIREXION SHS ETF TR	DAILY DJ BEAR	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 70 8 *	DIREXION SHS ETF TR	BRZ BL 2X SHS	
25460G 90 8	DIREXION SHS ETF TR	CALL	
25460G 95 8	DIREXION SHS ETF TR	PUT	
25460G 71 6 *	DIREXION SHS ETF TR	DAILY S&P BIOTEC	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 73 2 *	DIREXION SHS ETF TR	MOONSHOT INNOVAT	
25460G 90 2	DIREXION SHS ETF TR	CALL	
25460G 95 2	DIREXION SHS ETF TR	PUT	
25460G 77 3 *	DIREXION SHS ETF TR	WORK FROM HOME	
25460G 90 3	DIREXION SHS ETF TR	CALL	
25460G 95 3	DIREXION SHS ETF TR	PUT	
25460G 78 1 *	DIREXION SHS ETF TR	DLY GOLD INDX 2X	
25460G 90 1	DIREXION SHS ETF TR	CALL	
25460G 95 1	DIREXION SHS ETF TR	PUT	
25460G 80 7 *	DIREXION SHS ETF TR	DLY JR GOLD 2X	
25460G 90 7	DIREXION SHS ETF TR	CALL	
25460G 95 7	DIREXION SHS ETF TR	PUT	
25460G 81 5 *	DIREXION SHS ETF TR	RETAIL BULL 3X	
25460G 90 5	DIREXION SHS ETF TR	CALL	
25460G 95 5	DIREXION SHS ETF TR	PUT	
25460G 82 3 *	DIREXION SHS ETF TR	DAILY ROBOTICS	
25460G 90 3	DIREXION SHS ETF TR	CALL	
25460G 95 3	DIREXION SHS ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 221

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
25460G 83 1 *	DIREXION SHS ETF TR	DAILY JR GLD MIN	
25460G 90 1	DIREXION SHS ETF TR	CALL	
25460G 95 1	DIREXION SHS ETF TR	PUT	
25460G 84 9 *	DIREXION SHS ETF TR	20YR TRES BEAR	
25460G 90 9	DIREXION SHS ETF TR	CALL	
25460G 95 9	DIREXION SHS ETF TR	PUT	
25460G 85 6 *	DIREXION SHS ETF TR	DAILY S&P BULL	
25460G 90 6	DIREXION SHS ETF TR	CALL	
25460G 95 6	DIREXION SHS ETF TR	PUT	
25460G 86 4 *	DIREXION SHS ETF TR	DAILY RGNAL BULL	
25460G 90 4	DIREXION SHS ETF TR	CALL	
25460G 95 4	DIREXION SHS ETF TR	PUT	
25460G 88 0 *	DIREXION SHS ETF TR	DAILY GOLD MINER	
25460G 90 0	DIREXION SHS ETF TR	CALL	
25460G 95 0	DIREXION SHS ETF TR	PUT	
25460L 10 3	DIRECT SELLING ACQUISITIN CO	CL A COM	
25460L 20 2	DIRECT SELLING ACQUISITIN CO	UNIT 99/99/9999	
254604 10 1 *	DISC MEDICINE INC	COM	
254604 90 1	DISC MEDICINE INC	CALL	
254604 95 1	DISC MEDICINE INC	PUT	
25461A 30 4 *	DIREXION SHS ETF TR	DLY AAPL BEAR 1X	
25461A 90 4	DIREXION SHS ETF TR	CALL	
25461A 95 4	DIREXION SHS ETF TR	PUT	
25461A 40 3	DIREXION SHS ETF TR	DAILY MSFT BR 1X	
25461A 50 2	DIREXION SHS ETF TR	DAILY AMZN BR 1X	
25461A 60 1	DIREXION SHS ETF TR	DAILY GOOGL BR1X	
25461A 84 1	DIREXION SHS ETF TR	DAILY GOOGL BULL	
25461A 85 8	DIREXION SHS ETF TR	DAILY AMZN BL1.5	
25461A 86 6	DIREXION SHS ETF TR	DAILY MSFT BL1.5	
25461A 87 4 *	DIREXION SHS ETF TR	DLY AAPL BUL1.5X	
25461A 90 4	DIREXION SHS ETF TR	CALL	
25461A 95 4	DIREXION SHS ETF TR	PUT	
25461T 10 5	DIRECT DIGITAL HOLDINGS INC	CLASS A COM	
25461T 11 3	DIRECT DIGITAL HOLDINGS INC	*W EXP 02/15/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 222

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
254687 10 6 *	DISNEY WALT CO	COM	
254687 90 6	DISNEY WALT CO	CALL	
254687 95 6	DISNEY WALT CO	PUT	
25470M AB 5	DISH NETWORK CORPORATION	NOTE 3.375% 8/1	
25470M AD 1	DISH NETWORK CORPORATION	NOTE 2.375% 3/1	
25470M AF 6	DISH NETWORK CORPORATION	NOTE 12/1	
25470M 10 9 *	DISH NETWORK CORPORATION	CL A	
25470M 90 9	DISH NETWORK CORPORATION	CALL	
25470M 95 9	DISH NETWORK CORPORATION	PUT	
254709 10 8 *	DISCOVER FINL SVCS	COM	
254709 90 8	DISCOVER FINL SVCS	CALL	
254709 95 8	DISCOVER FINL SVCS	PUT	
25490H 10 6 *	DIRTT ENVIRONMENTAL SOLUTION	COM	
25490H 90 6	DIRTT ENVIRONMENTAL SOLUTION	CALL	
25490H 95 6	DIRTT ENVIRONMENTAL SOLUTION	PUT	
25490K 28 1 *	DIREXION SHS ETF TR	DLY EMG MK BL 3X	
25490K 90 1	DIREXION SHS ETF TR	CALL	
25490K 95 1	DIREXION SHS ETF TR	PUT	
25490K 32 3 *	DIREXION SHS ETF TR	SP BIOTCH BL NEW	
25490K 90 3	DIREXION SHS ETF TR	CALL	
25490K 95 3	DIREXION SHS ETF TR	PUT	
25490K 33 1 *	DIREXION SHS ETF TR	DAILY MSCI INDIA	
25490K 90 1	DIREXION SHS ETF TR	CALL	
25490K 95 1	DIREXION SHS ETF TR	PUT	
25490K 59 6 *	DBX ETF TR	DALY HOM B&S BUL	
25490K 90 6	DBX ETF TR	CALL	
25490K 95 6	DBX ETF TR	PUT	
25490K 86 9 *	DIREXION SHS ETF TR	CSI 300 BULL2X	
25490K 90 9	DIREXION SHS ETF TR	CALL	
25490K 95 9	DIREXION SHS ETF TR	PUT	
25525P 10 7 *	DIVERSIFIED HEALTHCARE TR	COM SH BEN INT	
25525P 90 7	DIVERSIFIED HEALTHCARE TR	CALL	
25525P 95 7	DIVERSIFIED HEALTHCARE TR	PUT	
255519 10 0 *	DIXIE GROUP INC	CL A	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 223

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
255519 90 0	DIXIE GROUP INC	CALL	
255519 95 0	DIXIE GROUP INC	PUT	
256086 10 9 *	DOCGO INC	COM	
256086 90 9	DOCGO INC	CALL	
256086 95 9	DOCGO INC	PUT	
25609L 10 5 *	DOCEBO INC	COM	
25609L 90 5	DOCEBO INC	CALL	
25609L 95 5	DOCEBO INC	PUT	
256135 20 3 *	DR REDDYS LABS LTD	ADR	
256135 90 3	DR REDDYS LABS LTD	CALL	
256135 95 3	DR REDDYS LABS LTD	PUT	
256163 AB 2	DOCUSIGN INC	NOTE 0.500% 9/1	
256163 AD 8	DOCUSIGN INC	NOTE 1/1	
256163 10 6 *	DOCUSIGN INC	COM	
256163 90 6	DOCUSIGN INC	CALL	
256163 95 6	DOCUSIGN INC	PUT	
25659T 10 7 *	DOLBY LABORATORIES INC	COM CL A	
25659T 90 7	DOLBY LABORATORIES INC	CALL	
25659T 95 7	DOLBY LABORATORIES INC	PUT	
256677 10 5 *	DOLLAR GEN CORP NEW	COM	
256677 90 5	DOLLAR GEN CORP NEW	CALL	
256677 95 5	DOLLAR GEN CORP NEW	PUT	
256746 10 8 *	DOLLAR TREE INC	COM	
256746 90 8	DOLLAR TREE INC	CALL	
256746 95 8	DOLLAR TREE INC	PUT	
25686H 20 9 *	DOLPHIN ENTMT INC	COM NEW	
25686H 90 9	DOLPHIN ENTMT INC	CALL	
25686H 95 9	DOLPHIN ENTMT INC	PUT	
25703A 10 4 *	DOMA HOLDINGS INC	COMMON STOCK	
25703A 90 4	DOMA HOLDINGS INC	CALL	
25703A 95 4	DOMA HOLDINGS INC	PUT	
25703A 11 2	DOMA HOLDINGS INC	*W EXP 07/28/202	
25746U 10 9 *	DOMINION ENERGY INC	COM	
25746U 90 9	DOMINION ENERGY INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 224

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
25746U 95 9	DOMINION ENERGY INC	PUT	
25754A 20 1 *	DOMINOS PIZZA INC	COM	
25754A 90 1	DOMINOS PIZZA INC	CALL	
25754A 95 1	DOMINOS PIZZA INC	PUT	
257554 10 5 *	DOMO INC	COM CL B	
257554 90 5	DOMO INC	CALL	
257554 95 5	DOMO INC	PUT	
257651 10 9 *	DONALDSON INC	COM	
257651 90 9	DONALDSON INC	CALL	
257651 95 9	DONALDSON INC	PUT	
257701 20 1 *	DONEGAL GROUP INC	CL A	
257701 90 1	DONEGAL GROUP INC	CALL	
257701 95 1	DONEGAL GROUP INC	PUT	
257701 30 0	DONEGAL GROUP INC	CL B	
25787G 10 0 *	DONNELLEY FINL SOLUTIONS INC	COM	
25787G 90 0	DONNELLEY FINL SOLUTIONS INC	CALL	
25787G 95 0	DONNELLEY FINL SOLUTIONS INC	PUT	
25809K 10 5 *	DOORDASH INC	CL A	
25809K 90 5	DOORDASH INC	CALL	
25809K 95 5	DOORDASH INC	PUT	
25820R 10 5 *	DORCHESTER MINERALS LP	COM UNIT	
25820R 90 5	DORCHESTER MINERALS LP	CALL	
25820R 95 5	DORCHESTER MINERALS LP	PUT	
258278 10 0 *	DORMAN PRODS INC	COM	
258278 90 0	DORMAN PRODS INC	CALL	
258278 95 0	DORMAN PRODS INC	PUT	
25861R 10 5	DOUBLELINE ETF TRUST	OPPORTUNISTIC BD	
25861R 20 4	DOUBLELINE ETF TRUST	SHILLER CAPE U S	
25862B 10 9	DOUBLEDOWN INTERACTIVE CO LT	ADS	
25862D 10 5	DOUBLELINE YIELD OPPORTUNITI	COM	
25862V 10 5 *	DOUBLEVERIFY HLDGS INC	COM	
25862V 90 5	DOUBLEVERIFY HLDGS INC	CALL	
25862V 95 5	DOUBLEVERIFY HLDGS INC	PUT	
258622 10 9 *	DOUBLELINE INCOME SOLUTIONS	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 225

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
258622 90 9	DOUBLELINE INCOME SOLUTIONS	CALL	
258622 95 9	DOUBLELINE INCOME SOLUTIONS	PUT	
258623 10 7	DOUBLELINE OPPORTUNISTIC CR	COM	
25960P 10 9 *	DOUGLAS EMMETT INC	COM	
25960P 90 9	DOUGLAS EMMETT INC	CALL	
25960P 95 9	DOUGLAS EMMETT INC	PUT	
25960R 10 5 *	DOUGLAS DYNAMICS INC	COM	
25960R 90 5	DOUGLAS DYNAMICS INC	CALL	
25960R 95 5	DOUGLAS DYNAMICS INC	PUT	
25961D 10 5 *	DOUGLAS ELLIMAN INC	COM	
25961D 90 5	DOUGLAS ELLIMAN INC	CALL	
25961D 95 5	DOUGLAS ELLIMAN INC	PUT	
25985W 10 5 *	DOUYU INTL HLDGS LTD	SPONSORED ADS	
25985W 90 5	DOUYU INTL HLDGS LTD	CALL	
25985W 95 5	DOUYU INTL HLDGS LTD	PUT	
260003 10 8 *	DOVER CORP	COM	
260003 90 8	DOVER CORP	CALL	
260003 95 8	DOVER CORP	PUT	
260557 10 3 *	DOW INC	COM	
260557 90 3	DOW INC	CALL	
260557 95 3	DOW INC	PUT	
26142Q 20 5 *	DRAGANFLY INC.	COM NEW	
26142Q 90 5	DRAGANFLY INC.	CALL	
26142Q 95 5	DRAGANFLY INC.	PUT	
26142R AB 0	DRAFTKINGS INC NEW	NOTE	3/1
26142V 10 5 *	DRAFTKINGS INC NEW	COM CL A	
26142V 90 5	DRAFTKINGS INC NEW	CALL	
26142V 95 5	DRAFTKINGS INC NEW	PUT	
26145B 10 6 *	DRAGONFLY ENERGY HOLDINGS CO	COM	
26145B 90 6	DRAGONFLY ENERGY HOLDINGS CO	CALL	
26145B 95 6	DRAGONFLY ENERGY HOLDINGS CO	PUT	
26145B 11 4	DRAGONFLY ENERGY HOLDINGS CO	*W EXP 10/07/202	
26152H 30 1 *	DRDGOLD LIMITED	SPON ADR REPSTG	
26152H 90 1	DRDGOLD LIMITED	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 226

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26152H 95 1	DRDGOLD LIMITED	PUT	
26154D 10 0 *	DREAM FINDERS HOMES INC	COM CL A	
26154D 90 0	DREAM FINDERS HOMES INC	CALL	
26154D 95 0	DREAM FINDERS HOMES INC	PUT	
262037 10 4 *	DRIL-QUIP INC	COM	
262037 90 4	DRIL-QUIP INC	CALL	
262037 95 4	DRIL-QUIP INC	PUT	
262077 10 0 *	DRIVE SHACK INC	COM	DELETED
262077 90 0	DRIVE SHACK INC	CALL	DELETED
262077 95 0	DRIVE SHACK INC	PUT	DELETED
26210C AC 8	DROPBOX INC	NOTE	3/0
26210C AD 6	DROPBOX INC	NOTE	3/0
26210C 10 4 *	DROPBOX INC	CL A	
26210C 90 4	DROPBOX INC	CALL	
26210C 95 4	DROPBOX INC	PUT	
26210V 10 2 *	DRIVEN BRANDS HLDGS INC	COM	
26210V 90 2	DRIVEN BRANDS HLDGS INC	CALL	
26210V 95 2	DRIVEN BRANDS HLDGS INC	PUT	
26253C 10 2	DSS INC	COM	
264120 10 6 *	DUCK CREEK TECHNOLOGIES INC	SHS	DELETED
264120 90 6	DUCK CREEK TECHNOLOGIES INC	CALL	DELETED
264120 95 6	DUCK CREEK TECHNOLOGIES INC	PUT	DELETED
26414D 10 6 *	DUCKHORN PORTFOLIO INC	COM	
26414D 90 6	DUCKHORN PORTFOLIO INC	CALL	
26414D 95 6	DUCKHORN PORTFOLIO INC	PUT	
264147 10 9 *	DUCOMMUN INC DEL	COM	
264147 90 9	DUCOMMUN INC DEL	CALL	
264147 95 9	DUCOMMUN INC DEL	PUT	
26431Q 10 6	DUET ACQUISITION CORP	CLASS A COM	
26431Q 11 4	DUET ACQUISITION CORP	*W EXP 07/19/202	
26431Q 20 5	DUET ACQUISITION CORP	UNIT 01/18/2027	
26433C 10 5	DUFF & PHELPS UTLITY AND INF	COM	
26441C 20 4 *	DUKE ENERGY CORP NEW	COM NEW	
26441C 90 4	DUKE ENERGY CORP NEW	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 227

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26441C 95 4	DUKE ENERGY CORP NEW	PUT	
26443V 10 1 *	DULUTH HLDGS INC	COM CL B	
26443V 90 1	DULUTH HLDGS INC	CALL	
26443V 95 1	DULUTH HLDGS INC	PUT	
26484T 10 6 *	DUN & BRADSTREET HLDGS INC	COM	
26484T 90 6	DUN & BRADSTREET HLDGS INC	CALL	
26484T 95 6	DUN & BRADSTREET HLDGS INC	PUT	
265334 10 2	DUNE ACQUISITION CORP	COM CL A	
265334 11 0	DUNE ACQUISITION CORP	*W EXP 10/29/202	
265334 20 1	DUNE ACQUISITION CORP	UNIT 10/29/2027	
26603R 10 6 *	DUOLINGO INC	CL A COM	
26603R 90 6	DUOLINGO INC	CALL	
26603R 95 6	DUOLINGO INC	PUT	
266042 40 7	DUOS TECHNOLOGIES GROUP INC	COM	
26605Q 10 6	DUNXIN FINL HLDGS LTD	SPONSORED ADS	
26614N 10 2 *	DUPONT DE NEMOURS INC	COM	
26614N 90 2	DUPONT DE NEMOURS INC	CALL	
26614N 95 2	DUPONT DE NEMOURS INC	PUT	
26622P 10 7 *	DOXIMITY INC	CL A	
26622P 90 7	DOXIMITY INC	CALL	
26622P 95 7	DOXIMITY INC	PUT	
266605 50 0 *	DURECT CORP	COM NEW	
266605 90 0	DURECT CORP	CALL	
266605 95 0	DURECT CORP	PUT	
26701L 10 0 *	DUTCH BROS INC	CL A	
26701L 90 0	DUTCH BROS INC	CALL	
26701L 95 0	DUTCH BROS INC	PUT	
26740W 10 9 *	D-WAVE QUANTUM INC	COM	
26740W 90 9	D-WAVE QUANTUM INC	CALL	
26740W 95 9	D-WAVE QUANTUM INC	PUT	
26740W 11 7	D-WAVE QUANTUM INC	*W EXP 08/05/202	
26745T 10 1 *	DYADIC INTL INC DEL	COM	
26745T 90 1	DYADIC INTL INC DEL	CALL	
26745T 95 1	DYADIC INTL INC DEL	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 228

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
267475 10 1 *	DYCOM INDS INC	COM	
267475 90 1	DYCOM INDS INC	CALL	
267475 95 1	DYCOM INDS INC	PUT	
26800L 10 0	DYNAMIC SHARES TRUST	SHORT SHRT TR VL	
268150 10 9 *	DYNATRACE INC	COM NEW	
268150 90 9	DYNATRACE INC	CALL	
268150 95 9	DYNATRACE INC	PUT	
268157 40 1	DYNATRONICS CORP	COM NEW	DELETED
268157 50 0	DYNATRONICS CORP	COM	ADDED
268158 AD 4	DYNAVAX TECHNOLOGIES CORP	NOTE 2.500% 5/1	
268158 20 1 *	DYNAVAX TECHNOLOGIES CORP	COM NEW	
268158 90 1	DYNAVAX TECHNOLOGIES CORP	CALL	
268158 95 1	DYNAVAX TECHNOLOGIES CORP	PUT	
26817Q 88 6 *	DYNEX CAP INC	COM	
26817Q 90 6	DYNEX CAP INC	CALL	
26817Q 95 6	DYNEX CAP INC	PUT	
26818M 10 8 *	DYNE THERAPEUTICS INC	COM	
26818M 90 8	DYNE THERAPEUTICS INC	CALL	
26818M 95 8	DYNE THERAPEUTICS INC	PUT	
268211 10 9 *	DZS INC	COM	
268211 90 9	DZS INC	CALL	
268211 95 9	DZS INC	PUT	
26828M 10 6	ECB BANCORP INC	COM	
268311 10 7 *	EDAP TMS S A	SPONSORED ADR	
268311 90 7	EDAP TMS S A	CALL	
268311 95 7	EDAP TMS S A	PUT	
26846A 10 0	EG ACQUISITION CORP	COM CL A	
26846A 11 8	EG ACQUISITION CORP	*W EXP 05/28/202	
26846A 20 9	EG ACQUISITION CORP	UNIT 99/99/9999	
26853E 10 2 *	EHANG HLDGS LTD	ADS	
26853E 90 2	EHANG HLDGS LTD	CALL	
26853E 95 2	EHANG HLDGS LTD	PUT	
26856L 10 3 *	E L F BEAUTY INC	COM	
26856L 90 3	E L F BEAUTY INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 229

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26856L 95 3	E L F BEAUTY INC	PUT	
268603 10 7 *	EL POLLO LOCO HLDGS INC	COM	
268603 90 7	EL POLLO LOCO HLDGS INC	CALL	
268603 95 7	EL POLLO LOCO HLDGS INC	PUT	
26873J 10 7 *	EMX RTY CORP	COM	
26873J 90 7	EMX RTY CORP	CALL	
26873J 95 7	EMX RTY CORP	PUT	
26874R 10 8 *	ENI S P A	SPONSORED ADR	
26874R 90 8	ENI S P A	CALL	
26874R 95 8	ENI S P A	PUT	
26875P 10 1 *	EOG RES INC	COM	
26875P 90 1	EOG RES INC	CALL	
26875P 95 1	EOG RES INC	PUT	
26884L AK 5	EQT CORP	NOTE 1.750% 5/0	
26884L 10 9 *	EQT CORP	COM	
26884L 90 9	EQT CORP	CALL	
26884L 95 9	EQT CORP	PUT	
26884U 10 9 *	EPR PPTYS	COM SH BEN INT	
26884U 90 9	EPR PPTYS	CALL	
26884U 95 9	EPR PPTYS	PUT	
26884U 20 8	EPR PPTYS	PFD C CV 5.75%	
26884U 30 7	EPR PPTYS	CONV PFD 9% SR E	
26886C 10 7 *	EQRX INC	COM	
26886C 90 7	EQRX INC	CALL	
26886C 95 7	EQRX INC	PUT	
26886C 11 5	EQRX INC	*W EXP 12/17/202	
268948 10 6 *	EAGLE BANCORP INC MD	COM	
268948 90 6	EAGLE BANCORP INC MD	CALL	
268948 95 6	EAGLE BANCORP INC MD	PUT	
26916J 10 6 *	ESS TECH INC	COMMON STOCK	
26916J 90 6	ESS TECH INC	CALL	
26916J 95 6	ESS TECH INC	PUT	
26916J 11 4	ESS TECH INC	*W EXP 10/08/202	
26922A 13 1	ETF SER SOLUTIONS	CLERSHS PITON IN	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 230

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
26922A 15 6	ETF SER SOLUTIONS	LHA MKT ST ALP	
26922A 17 2 *	ETF SER SOLUTIONS	NATIONWIDE NASDQ	
26922A 90 2	ETF SER SOLUTIONS	CALL	
26922A 95 2	ETF SER SOLUTIONS	PUT	
26922A 19 8	ETF SER SOLUTIONS	AAM LW DUR PFD	
26922A 22 2	ETF SER SOLUTIONS	APTUS COLLRD INV	
26922A 23 0 *	ETF SER SOLUTIONS	HOYA CAP HOUSI	
26922A 90 0	ETF SER SOLUTIONS	CALL	
26922A 95 0	ETF SER SOLUTIONS	PUT	
26922A 24 8 *	ETF SER SOLUTIONS	NETLEASE CORP	
26922A 90 8	ETF SER SOLUTIONS	CALL	
26922A 95 8	ETF SER SOLUTIONS	PUT	
26922A 26 3	ETF SER SOLUTIONS	ACQUIRERS FD	
26922A 28 9 *	ETF SER SOLUTIONS	DEFIANCE NEXT	
26922A 90 9	ETF SER SOLUTIONS	CALL	
26922A 95 9	ETF SER SOLUTIONS	PUT	
26922A 29 7 *	ETF SER SOLUTIONS	US VEGAN CLIMATE	
26922A 90 7	ETF SER SOLUTIONS	CALL	
26922A 95 7	ETF SER SOLUTIONS	PUT	
26922A 32 1 *	ETF SER SOLUTIONS	DISTILLATE US	
26922A 90 1	ETF SER SOLUTIONS	CALL	
26922A 95 1	ETF SER SOLUTIONS	PUT	
26922A 34 7	ETF SER SOLUTIONS	AAM S&P DEV MK	
26922A 37 0	ETF SER SOLUTIONS	LONCAR CHINA BIO	
26922A 38 8	ETF SER SOLUTIONS	APTUS DEFINED	
26922A 40 4	ETF SER SOLUTIONS	VIDENT INTERNATI	
26922A 42 0 *	ETF SER SOLUTIONS	DEFIANCE QUANT	
26922A 90 0	ETF SER SOLUTIONS	CALL	
26922A 95 0	ETF SER SOLUTIONS	PUT	
26922A 44 6	ETF SER SOLUTIONS	OPUS SML CP VL	
26922A 45 3	ETF SER SOLUTIONS	CLEARSHS ULTRA	
26922A 50 3	ETF SER SOLUTIONS	VIDENT US EQUITY	
26922A 51 1	ETF SER SOLUTIONS	US DIVERSIFIED	
26922A 58 6	ETF SER SOLUTIONS	AAM S&P EMRG	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 231

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
26922A 59 4	ETF SER SOLUTIONS	AAM S&P 500	
26922A 60 2	ETF SER SOLUTIONS	VIDENT US BOND	
26922A 62 8 *	ETF SER SOLUTIONS	POINT BRIDGE AMR	
26922A 90 8	ETF SER SOLUTIONS	CALL	
26922A 95 8	ETF SER SOLUTIONS	PUT	
26922A 70 1 *	ETF SER SOLUTIONS	ROUNDHILL ACQUI	
26922A 90 1	ETF SER SOLUTIONS	CALL	
26922A 95 1	ETF SER SOLUTIONS	PUT	
26922A 71 9 *	ETF SER SOLUTIONS	US GBL GLD PRE	
26922A 90 9	ETF SER SOLUTIONS	CALL	
26922A 95 9	ETF SER SOLUTIONS	PUT	
26922A 72 7	ETF SER SOLUTIONS	CLEARSHS OCIO	
26922A 78 4	ETF SER SOLUTIONS	APTUS DRAWDOWN	
26922A 82 6	ETF SER SOLUTIONS	LONCAR CANCER	
26922A 83 4	ETF SER SOLUTIONS	ALPHAMARK SM	
26922A 84 2 *	ETF SER SOLUTIONS	US GLB JETS	
26922A 90 2	ETF SER SOLUTIONS	CALL	
26922A 95 2	ETF SER SOLUTIONS	PUT	
26922B 10 5	ETF SER SOLUTIONS	LHA MKT ST TACTL	
26922B 30 3	ETF SER SOLUTIONS	BLUE HORIZON BNE	
26922B 40 2	ETF SER SOLUTIONS	ETFB GREEN SRI R	
26922B 50 1	ETF SER SOLUTIONS	DISTILLATE INTNL	
26922B 60 0 *	ETF SER SOLUTIONS	DEFIANCE NEXT	
26922B 90 0	ETF SER SOLUTIONS	CALL	
26922B 95 0	ETF SER SOLUTIONS	PUT	
26922B 63 4	ETF SER SOLUTIONS	BTD CAPITAL FUND	
26922B 64 2	ETF SER SOLUTIONS	APTUS ENHANCED	
26922B 65 9	ETF SER SOLUTIONS	CBOE VEST 10 YR	ADDED
26922B 66 7	ETF SER SOLUTIONS	DISTILLATE SMLMD	
26922B 67 5	ETF SER SOLUTIONS	DEFIANCE DLY SHT	
26922B 68 3	ETF SER SOLUTIONS	AAM TRANSFORMERS	
26922B 69 1	ETF SER SOLUTIONS	CARBON STRATEGY	
26922B 70 9	ETF SER SOLUTIONS	INTL DRAWDWN MNG	
26922B 72 5 *	ETF SER SOLUTIONS	GRAYSCALE FUTURE	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 232

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26922B 90 5	ETF SER SOLUTIONS	CALL	
26922B 95 5	ETF SER SOLUTIONS	PUT	
26922B 73 3	ETF SER SOLUTIONS	LHA MKT ST TCT Q	
26922B 74 1	ETF SER SOLUTIONS	NATIONWIDE RUSSE	
26922B 75 8	ETF SER SOLUTIONS	NATIONWIDE DOW J	
26922B 76 6	ETF SER SOLUTIONS	NATIONWIDE S&P	
26922B 77 4	ETF SER SOLUTIONS	MCELHENNY SHEFLD	
26922B 78 2	ETF SER SOLUTIONS	IBET SPORTS BETN	
26922B 81 6 *	ETF SER SOLUTIONS	DEFIANCE DIGITAL	DELETED
26922B 90 6	ETF SER SOLUTIONS	CALL	DELETED
26922B 95 6	ETF SER SOLUTIONS	PUT	DELETED
26922B 83 2	ETF SER SOLUTIONS	AAM BAHL & GAYN	
26922B 84 0 *	ETF SER SOLUTIONS	HOYA CAPT HI DIV	
26922B 90 0	ETF SER SOLUTIONS	CALL	
26922B 95 0	ETF SER SOLUTIONS	PUT	
26922B 85 7	ETF SER SOLUTIONS	PSYK ETF	DELETED
26922B 86 5 *	ETF SER SOLUTIONS	U S GLOBAL SEA T	
26922B 90 5	ETF SER SOLUTIONS	CALL	
26922B 95 5	ETF SER SOLUTIONS	PUT	
26922B 87 3 *	ETF SER SOLUTIONS	DEFIANCE HTL AIR	
26922B 90 3	ETF SER SOLUTIONS	CALL	
26922B 95 3	ETF SER SOLUTIONS	PUT	
26923G 20 2 *	ETFIS SER TR I	VIRTUS LIFESC BT	
26923G 90 2	ETFIS SER TR I	CALL	
26923G 95 2	ETFIS SER TR I	PUT	
26923G 30 1 *	ETFIS SER TR I	VIRTUS LIFESC CT	
26923G 90 1	ETFIS SER TR I	CALL	
26923G 95 1	ETFIS SER TR I	PUT	
26923G 40 0	ETFIS SER TR I	INFRACP REIT PFD	
26923G 70 7	ETFIS SER TR I	VIRTUS NEWFLEET	
26923G 77 2 *	ETFIS SER TR I	INFRAC ACT MLP	
26923G 90 2	ETFIS SER TR I	CALL	
26923G 95 2	ETFIS SER TR I	PUT	
26923G 78 0	ETFIS SER TR I	VIRTUS REAL AS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 233

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26923G 79 8	ETFIS SER TR I	VIRTUS PVT CR	
26923G 80 6	ETFIS SER TR I	VIRTUS REAVES UT	
26923G 82 2 *	ETFIS SER TR I	VIRTUS INFRCAP	
26923G 90 2	ETFIS SER TR I	CALL	
26923G 95 2	ETFIS SER TR I	PUT	
26923G 84 8	ETFIS SER TR I	VIRTUS WMC INTNL	
26923H 20 0 *	ETF MANAGERS GRP COMMDTY TR	BREAKWAVE DRY	
26923H 90 0	ETF MANAGERS GRP COMMDTY TR	CALL	
26923H 95 0	ETF MANAGERS GRP COMMDTY TR	PUT	
26923N 10 8	ETF OPPORTUNITIES TRUST	AMERICAN CONSER	
26923N 30 6	ETF OPPORTUNITIES TRUST	FORMIDABLE ETF	
26923N 40 5	ETF OPPORTUNITIES TRUST	APPLIED FINA VAL	
26923N 50 4	ETF OPPORTUNITIES TRUST	FORMIDABLE FORTR	
26923N 60 3	ETF OPPORTUNITIES TRUST	ALPHA DOG ETF	
26923N 70 2	ETF OPPORTUNITIES TRUST	KINGSBARN TACTIC	
26923N 80 1	ETF OPPORTUNITIES TRUST	WEALTHTRUST DBS	
26923N 87 6	ETF OPPORTUNITIES TRUST	CULTIVAR ETF	
26923N 88 4	ETF OPPORTUNITIES TRUST	UBC ALGORITHMIC	DELETED
26924G 10 2 *	ETF MANAGERS TR	PRIME JUNIR SLVR	
26924G 90 2	ETF MANAGERS TR	CALL	
26924G 95 2	ETF MANAGERS TR	PUT	
26924G 20 1 *	ETF MANAGERS TR	PRIME CYBR SCRPTY	
26924G 90 1	ETF MANAGERS TR	CALL	
26924G 95 1	ETF MANAGERS TR	PUT	
26924G 40 9 *	ETF MANAGERS TR	PRIME MOBILE PAY	
26924G 90 9	ETF MANAGERS TR	CALL	
26924G 95 9	ETF MANAGERS TR	PUT	
26924G 50 8 *	ETF MANAGERS TR	ETFMG ALTR HRVST	
26924G 90 8	ETF MANAGERS TR	CALL	
26924G 95 8	ETF MANAGERS TR	PUT	
26924G 67 2 *	ETF MANAGERS TR	BREAKWAVE SEA	
26924G 90 2	ETF MANAGERS TR	CALL	
26924G 95 2	ETF MANAGERS TR	PUT	
26924G 70 6 *	ETF MANAGERS TR	WEDBUSH VID GAME	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 234

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26924G 90 6	ETF MANAGERS TR	CALL	
26924G 95 6	ETF MANAGERS TR	PUT	
26924G 71 4 *	ETF MANAGERS TR	2X DAILY TRAVEL	
26924G 90 4	ETF MANAGERS TR	CALL	
26924G 95 4	ETF MANAGERS TR	PUT	
26924G 73 0 *	ETF MANAGERS TR	PRIME 2X DLY JUR	
26924G 90 0	ETF MANAGERS TR	CALL	
26924G 95 0	ETF MANAGERS TR	PUT	
26924G 75 5	ETF MANAGERS TR	ETFMG US ALTER	
26924G 76 3 *	ETF MANAGERS TR	TREATMENTS TSTNG	
26924G 90 3	ETF MANAGERS TR	CALL	
26924G 95 3	ETF MANAGERS TR	PUT	
26924G 77 1 *	ETF MANAGERS TR	ETFMG TRAVEL TEC	
26924G 90 1	ETF MANAGERS TR	CALL	
26924G 95 1	ETF MANAGERS TR	PUT	
26924G 78 9 *	ETF MANAGERS TR	ETFMG SIT ULTR	
26924G 90 9	ETF MANAGERS TR	CALL	
26924G 95 9	ETF MANAGERS TR	PUT	
26924G 80 5 *	ETF MANAGERS TR	WEDBUSH ETFMG	
26924G 90 5	ETF MANAGERS TR	CALL	
26924G 95 5	ETF MANAGERS TR	PUT	
26924G 81 3 *	ETF MANAGERS TR	AI POWERED EQT	
26924G 90 3	ETF MANAGERS TR	CALL	
26924G 95 3	ETF MANAGERS TR	PUT	
26924G 87 0 *	ETF MANAGERS TR	BLUESTAR ISRAEL	
26924G 90 0	ETF MANAGERS TR	CALL	
26924G 95 0	ETF MANAGERS TR	PUT	
26924G 88 8	ETF MANAGERS TR	ETHO CLIMATE LEA	
26927E 10 4 *	EVO PMTS INC	CL A COM	DELETED
26927E 90 4	EVO PMTS INC	CALL	DELETED
26927E 95 4	EVO PMTS INC	PUT	DELETED
26929N 10 2	EVI INDS INC	COM	
26942G 10 0	EAGLE BANCORP MONT INC	COM	
26943B 10 0 *	FIRST EAGLE ALTR CAP BDC INC	COM	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 235

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
26943B 90 0	FIRST EAGLE ALTR CAP BDC INC	CALL	DELETED
26943B 95 0	FIRST EAGLE ALTR CAP BDC INC	PUT	DELETED
269442 AB 5	EAGLE BULK SHIPPING INC	NOTE 5.000% 8/0	
269451 10 0	EAGLE CAP GROWTH FD INC	COM	
26969P 10 8 *	EAGLE MATLS INC	COM	
26969P 90 8	EAGLE MATLS INC	CALL	
26969P 95 8	EAGLE MATLS INC	PUT	
269796 10 8 *	EAGLE PHARMACEUTICALS INC	COM	
269796 90 8	EAGLE PHARMACEUTICALS INC	CALL	
269796 95 8	EAGLE PHARMACEUTICALS INC	PUT	
269808 10 1	EAGLE POINT CREDIT COMPANY I	COM	
269817 10 2	EAGLE POINT INCOME COMPANY I	COM	
270087 10 9 *	EARGO INC	COM	DELETED
270087 90 9	EARGO INC	CALL	DELETED
270087 95 9	EARGO INC	PUT	DELETED
270087 20 8 *	EARGO INC	COM NEW	ADDED
270087 90 8	EARGO INC	CALL	ADDED
270087 95 8	EARGO INC	PUT	ADDED
27032D 30 4 *	EARTHSTONE ENERGY INC	CL A	
27032D 90 4	EARTHSTONE ENERGY INC	CALL	
27032D 95 4	EARTHSTONE ENERGY INC	PUT	
274681 10 5	EAST RES ACQUISITION CO	COM CL A	
274681 11 3	EAST RES ACQUISITION CO	*W EXP 07/01/202	
274681 20 4	EAST RES ACQUISITION CO	UNIT 07/01/2027	
27579R 10 4 *	EAST WEST BANCORP INC	COM	
27579R 90 4	EAST WEST BANCORP INC	CALL	
27579R 95 4	EAST WEST BANCORP INC	PUT	
27616P 10 3 *	EASTERLY GOVT PPTYS INC	COM	
27616P 90 3	EASTERLY GOVT PPTYS INC	CALL	
27616P 95 3	EASTERLY GOVT PPTYS INC	PUT	
27627N 10 5 *	EASTERN BANKSHARES INC	COM	
27627N 90 5	EASTERN BANKSHARES INC	CALL	
27627N 95 5	EASTERN BANKSHARES INC	PUT	
276317 10 4	EASTERN CO	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 236

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
277276 10 1 *	EASTGROUP PPTYS INC	COM	
277276 90 1	EASTGROUP PPTYS INC	CALL	
277276 95 1	EASTGROUP PPTYS INC	PUT	
277432 10 0 *	EASTMAN CHEM CO	COM	
277432 90 0	EASTMAN CHEM CO	CALL	
277432 95 0	EASTMAN CHEM CO	PUT	
277461 40 6 *	EASTMAN KODAK CO	COM NEW	
277461 90 6	EASTMAN KODAK CO	CALL	
277461 95 6	EASTMAN KODAK CO	PUT	
277802 30 2 *	EASTSIDE DISTILLING INC	COM	
277802 90 2	EASTSIDE DISTILLING INC	CALL	
277802 95 2	EASTSIDE DISTILLING INC	PUT	
27826F 10 1	EATON VANCE CALIF MUN INCOM	SH BEN INT	
27826S 10 3	EATON VANCE SR INCOME TR	SH BEN INT	
27826U 10 8	EATON VANCE MUNI INCOME TRUS	SH BEN INT	
27827X 10 1	EATON VANCE MUN BD FD	COM	
27827Y 10 9	EATON VANCE NEW YORK MUN BD	COM	
278274 10 5	EATON VANCE ENHANCED EQUITY	COM	
278277 10 8	EATON VANCE ENHANCED EQUITY	COM	
278279 10 4	EATON VANCE FLTING RATE INC	COM	
27828A 10 0	EATON VANCE CALIF MUN BD FD	COM	
27828G 10 7	EATON VANCE TAX ADVT DIV INC	COM	
27828H 10 5	EATON VANCE LTD DURATION INC	COM	
27828N 10 2	EATON VANCE TAX-MANAGED DIVE	COM	
27828Q 10 5	EATON VANCE SR FLTNG RTE TR	COM	
27828S 10 1	EATON VANCE TX ADV GLBL DIV	COM	
27828U 10 6	EATON VANCE TAX-ADVANTAGED G	COM	
27828V 10 4	EATON VANCE SHORT DURATION D	COM	
27828X 10 0	EATON VANCE TAX MNGED BUY WR	COM	
27828Y 10 8	EATON VANCE TAX-MANAGED BUY-	COM	
27829C 10 5	EATON VANCE TAX-MANAGED GLOB	COM	
27829F 10 8	EATON VANCE TAX-MANAGED GLOB	COM	
27829G 10 6	EATON VANCE RISK-MANAGED DIV	COM	
27829L 10 5	EATON VANCE NATL MUN OPPORT	COM SHS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 237

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
27829M 10 3	EATON VANCE TAX MNGD BUY WRI	COM SH BEN INT	
27829U 10 5	EATON VANCE MUN INCOME 2028	SHS	
278642 10 3 *	EBAY INC.	COM	
278642 90 3	EBAY INC.	CALL	
278642 95 3	EBAY INC.	PUT	
278700 10 9 *	EBET INC	COM	
278700 90 9	EBET INC	CALL	
278700 95 9	EBET INC	PUT	
278715 20 6 *	EBIX INC	COM NEW	
278715 90 6	EBIX INC	CALL	
278715 95 6	EBIX INC	PUT	
278768 10 6 *	EHOSTAR CORP	CL A	
278768 90 6	EHOSTAR CORP	CALL	
278768 95 6	EHOSTAR CORP	PUT	
278865 10 0 *	ECOLAB INC	COM	
278865 90 0	ECOLAB INC	CALL	
278865 95 0	ECOLAB INC	PUT	
27888N 30 7 *	BITNILE METAVERSE INC	COM NEW	
27888N 90 7	BITNILE METAVERSE INC	CALL	
27888N 95 7	BITNILE METAVERSE INC	PUT	
27900N 10 3	ECO WAVE POWER GLOBAL AB	SPONSORED ADS	
27901F 10 9	ECOFIN SUSTAINABLE AND SOCIA	COM SH BEN INT	
279158 10 9 *	ECOPETROL S A	SPONSORED ADS	
279158 90 9	ECOPETROL S A	CALL	
279158 95 9	ECOPETROL S A	PUT	
27923Q 10 9 *	ECOVYST INC	COM	
27923Q 90 9	ECOVYST INC	CALL	
27923Q 95 9	ECOVYST INC	PUT	
27966L 10 8	EDESA BIOTECH INC	COM	
28035Q 10 2 *	EDGEWELL PERS CARE CO	COM	
28035Q 90 2	EDGEWELL PERS CARE CO	CALL	
28035Q 95 2	EDGEWELL PERS CARE CO	PUT	
28036F 10 5 *	EDGEWISE THERAPEUTICS INC	COM	
28036F 90 5	EDGEWISE THERAPEUTICS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 238

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
28036F 95 5	EDGEWISE THERAPEUTICS INC	PUT	
28059P 10 5	EDIBLE GARDEN AG INC	COM	DELETED
28059P 11 3	EDIBLE GARDEN AG INC	*W EXP 04/18/202	
28059P 20 4	EDIBLE GARDEN AG INC	COM NEW	ADDED
28059Q 10 3	EDIFY ACQUISITION CORP	CL A	
28059Q 11 1	EDIFY ACQUISITION CORP	*W EXP 11/25/202	
28059Q 20 2	EDIFY ACQUISITION CORP	UNIT 11/25/2025	
281020 10 7 *	EDISON INTL	COM	
281020 90 7	EDISON INTL	CALL	
281020 95 7	EDISON INTL	PUT	
28106W 10 3 *	EDITAS MEDICINE INC	COM	
28106W 90 3	EDITAS MEDICINE INC	CALL	
28106W 95 3	EDITAS MEDICINE INC	PUT	
28139A 10 2	EDTECHX HOLDINGS ACQU CORP I	COM CL A	
28139A 11 0	EDTECHX HOLDINGS ACQU CORP I	*W EXP 06/15/202	
28139A 20 1	EDTECHX HOLDINGS ACQU CORP I	UNIT 08/31/2027	
281479 10 5	EDUCATIONAL DEV CORP	COM	
28176E 10 8 *	EDWARDS LIFESCIENCES CORP	COM	
28176E 90 8	EDWARDS LIFESCIENCES CORP	CALL	
28176E 95 8	EDWARDS LIFESCIENCES CORP	PUT	
28201D 10 9	EF HUTTON ACQUISITION CORP I	COM	
28201D 11 7	EF HUTTON ACQUISITION CORP I	*W EXP 11/18/202	
28201D 12 5	EF HUTTON ACQUISITION CORP I	RIGHT 11/18/2027	
28202V 10 8 *	EFFECTOR THERAPEUTICS INC	COM	
28202V 90 8	EFFECTOR THERAPEUTICS INC	CALL	
28202V 95 8	EFFECTOR THERAPEUTICS INC	PUT	
28202V 11 6	EFFECTOR THERAPEUTICS INC	*W EXP 12/31/202	
28225C 80 6 *	EGAIN CORP	COM NEW	
28225C 90 6	EGAIN CORP	CALL	
28225C 95 6	EGAIN CORP	PUT	
28238P 10 9 *	EHEALTH INC	COM	
28238P 90 9	EHEALTH INC	CALL	
28238P 95 9	EHEALTH INC	PUT	
28249U 10 5 *	EIGER BIOPHARMACEUTICALS INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 239

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
28249U 90 5	EIGER BIOPHARMACEUTICALS INC	CALL	
28249U 95 5	EIGER BIOPHARMACEUTICALS INC	PUT	
28252B 80 4	1847 HLDGS LLC	COM NEW	
28252C 10 9 *	POLISHED COM INC	COM	
28252C 90 9	POLISHED COM INC	CALL	
28252C 95 9	POLISHED COM INC	PUT	
28252C 11 7	POLISHED COM INC	*W EXP 06/02/202	
28253R 10 5	1895 BANCORP OF WIS INC	COM	
282559 10 3 *	89BIO INC	COM	
282559 90 3	89BIO INC	CALL	
282559 95 3	89BIO INC	PUT	
282644 30 1 *	EKSO BIONICS HLDGS INC	COM	
282644 90 1	EKSO BIONICS HLDGS INC	CALL	
282644 95 1	EKSO BIONICS HLDGS INC	PUT	
282914 AB 6	8X8 INC NEW	NOTE 0.500% 2/0	
282914 AE 0	8X8 INC NEW	NOTE 4.000% 2/0	
282914 10 0 *	8X8 INC NEW	COM	
282914 90 0	8X8 INC NEW	CALL	
282914 95 0	8X8 INC NEW	PUT	
283678 20 9	EL PASO ENERGY CAP TR I	PFD CV TR SEC 28	
28414H 10 3 *	ELANCO ANIMAL HEALTH INC	COM	
28414H 90 3	ELANCO ANIMAL HEALTH INC	CALL	
28414H 95 3	ELANCO ANIMAL HEALTH INC	PUT	
28414H 20 2	ELANCO ANIMAL HEALTH INC	UNIT 02/01/2023	DELETED
28474P 20 1	ELECTRA BATTERY MATERIALS CO	COM NEW	
284849 11 4	ELECTRAMECCANICA VEHS CORP	*W EXP 08/13/202	
284849 20 5 *	ELECTRAMECCANICA VEHS CORP	COM NEW	
284849 90 5	ELECTRAMECCANICA VEHS CORP	CALL	
284849 95 5	ELECTRAMECCANICA VEHS CORP	PUT	
284902 50 9 *	ELDORADO GOLD CORP NEW	COM	
284902 90 9	ELDORADO GOLD CORP NEW	CALL	
284902 95 9	ELDORADO GOLD CORP NEW	PUT	
285233 10 2	ELECTRO-SENSORS INC	COM	
28531P 10 3	ELECTROCORE INC	COM	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 240

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
28531P 20 2	ELECTROCORE INC	COM NEW	ADDED
285409 10 8 *	ELECTROMED INC	COM	
285409 90 8	ELECTROMED INC	CALL	
285409 95 8	ELECTROMED INC	PUT	
285512 10 9 *	ELECTRONIC ARTS INC	COM	
285512 90 9	ELECTRONIC ARTS INC	CALL	
285512 95 9	ELECTRONIC ARTS INC	PUT	
28617K 10 1 *	ELEDON PHARMACEUTICALS INC	COM	
28617K 90 1	ELEDON PHARMACEUTICALS INC	CALL	
28617K 95 1	ELEDON PHARMACEUTICALS INC	PUT	
28618M 10 6 *	ELEMENT SOLUTIONS INC	COM	
28618M 90 6	ELEMENT SOLUTIONS INC	CALL	
28618M 95 6	ELEMENT SOLUTIONS INC	PUT	
28621V 10 1 *	ELEVATE CREDIT INC	COM	DELETED
28621V 90 1	ELEVATE CREDIT INC	CALL	DELETED
28621V 95 1	ELEVATE CREDIT INC	PUT	DELETED
28623U 10 1	ELEVATION ONCOLOGY INC	COM	
28658R 10 6	ELIEM THERAPEUTICS INC	COM	
28852N 10 9 *	ELLINGTON FINANCIAL INC	COM	
28852N 90 9	ELLINGTON FINANCIAL INC	CALL	
28852N 95 9	ELLINGTON FINANCIAL INC	PUT	
288578 10 7 *	ELLINGTON RESIDENTIAL MTG RE	COM SHS BEN INT	
288578 90 7	ELLINGTON RESIDENTIAL MTG RE	CALL	
288578 95 7	ELLINGTON RESIDENTIAL MTG RE	PUT	
289074 10 6	ELLSWORTH GROWTH & INCOME FD	COM	
29014R 20 2 *	ELOXX PHARMACEUTICALS INC	COM NEW	
29014R 90 2	ELOXX PHARMACEUTICALS INC	CALL	
29014R 95 2	ELOXX PHARMACEUTICALS INC	PUT	
290734 10 2 *	ELYS GAME TECHNOLOGY CORP	COM	
290734 90 2	ELYS GAME TECHNOLOGY CORP	CALL	
290734 95 2	ELYS GAME TECHNOLOGY CORP	PUT	
29076N 20 6 *	EMAGIN CORP	COM NEW	
29076N 90 6	EMAGIN CORP	CALL	
29076N 95 6	EMAGIN CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 241

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29079J 11 1	EMBARK TECHNOLOGY INC	*W EXP 11/10/202	
29079J 20 2 *	EMBARK TECHNOLOGY INC	COM NEW	
29079J 90 2	EMBARK TECHNOLOGY INC	CALL	
29079J 95 2	EMBARK TECHNOLOGY INC	PUT	
29081P 20 4	EMBOTELLADORA ANDINA S A	SPON ADR A	
29081P 30 3	EMBOTELLADORA ANDINA S A	SPON ADR B	
29082A 10 7 *	EMBRAER S.A.	SPONSORED ADS	
29082A 90 7	EMBRAER S.A.	CALL	
29082A 95 7	EMBRAER S.A.	PUT	
29082K 10 5 *	EMBECTA CORP	COMMON STOCK	
29082K 90 5	EMBECTA CORP	CALL	
29082K 95 5	EMBECTA CORP	PUT	
290828 10 2	EMCLAIRE FINL CORP	COM	DELETED
29084Q 10 0 *	EMCOR GROUP INC	COM	
29084Q 90 0	EMCOR GROUP INC	CALL	
29084Q 95 0	EMCOR GROUP INC	PUT	
290846 20 3 *	EMCORE CORP	COM NEW	
290846 90 3	EMCORE CORP	CALL	
290846 95 3	EMCORE CORP	PUT	
29089Q 10 5 *	EMERGENT BIOSOLUTIONS INC	COM	
29089Q 90 5	EMERGENT BIOSOLUTIONS INC	CALL	
29089Q 95 5	EMERGENT BIOSOLUTIONS INC	PUT	
291011 10 4 *	EMERSON ELEC CO	COM	
291011 90 4	EMERSON ELEC CO	CALL	
291011 95 4	EMERSON ELEC CO	PUT	
29102W 10 5	EMERGE ETF TR	EMPWR SUSTAINABL	
29102W 20 4	EMERGE ETF TR	EMPWR STNBL SLCT	
29102W 30 3	EMERGE ETF TR	EMPWR STNBL GBL	
29102W 40 2	EMERGE ETF TR	EMPWR STNBL EMNG	
29102W 50 1	EMERGE ETF TR	EMPWR UNIFIED ST	
29103K 10 0	FTAC EMERALD ACQUISITION COR	CLASS A COM	
29103K 11 8	FTAC EMERALD ACQUISITION COR	*W EXP 10/19/202	
29103K 20 9	FTAC EMERALD ACQUISITION COR	UNIT 10/19/2028	
29103W 10 4 *	EMERALD HOLDING INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 242

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29103W 90 4	EMERALD HOLDING INC	CALL	
29103W 95 4	EMERALD HOLDING INC	PUT	
291087 20 3	EMERSON RADIO CORP	COM NEW	
29109X 10 6 *	ASPEN TECHNOLOGY INC	COM	
29109X 90 6	ASPEN TECHNOLOGY INC	CALL	
29109X 95 6	ASPEN TECHNOLOGY INC	PUT	
292034 30 3	EMPIRE PETE CORP	COM	
292102 10 0	EMPIRE ST RLTY OP L P	UNIT LTD PRTNSP	
292102 20 9	EMPIRE ST RLTY OP L P	UNIT LTD PRT 60	
292102 30 8	EMPIRE ST RLTY OP L P	UNIT LTD PRT 250	
292104 10 6 *	EMPIRE ST RLTY TR INC	CL A	
292104 90 6	EMPIRE ST RLTY TR INC	CALL	
292104 95 6	EMPIRE ST RLTY TR INC	PUT	
292218 10 4 *	EMPLOYERS HLDGS INC	COM	
292218 90 4	EMPLOYERS HLDGS INC	CALL	
292218 95 4	EMPLOYERS HLDGS INC	PUT	
29244A 10 2	EMPRESA DIST Y COMERCIAL NOR	SPON ADR	
29249E 10 9 *	ENACT HLDGS INC	COM	
29249E 90 9	ENACT HLDGS INC	CALL	
29249E 95 9	ENACT HLDGS INC	PUT	
29250N 10 5 *	ENBRIDGE INC	COM	
29250N 90 5	ENBRIDGE INC	CALL	
29250N 95 5	ENBRIDGE INC	PUT	
29251M 10 6 *	ENANTA PHARMACEUTICALS INC	COM	
29251M 90 6	ENANTA PHARMACEUTICALS INC	CALL	
29251M 95 6	ENANTA PHARMACEUTICALS INC	PUT	
292554 AM 4	ENCORE CAP GROUP INC	NOTE 3.250%10/0	
292554 10 2 *	ENCORE CAP GROUP INC	COM	
292554 90 2	ENCORE CAP GROUP INC	CALL	
292554 95 2	ENCORE CAP GROUP INC	PUT	
292562 10 5 *	ENCORE WIRE CORP	COM	
292562 90 5	ENCORE WIRE CORP	CALL	
292562 95 5	ENCORE WIRE CORP	PUT	
29258Y 10 3 *	ENDEAVOUR SILVER CORP	COM	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 243

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29258Y 90 3	ENDEAVOUR SILVER CORP	CALL	
29258Y 95 3	ENDEAVOUR SILVER CORP	PUT	
29259W 70 0	ENCORE ENERGY CORP	COM NEW	ADDED
29260U AA 5	ENCORE CAP EUROPE FIN LTD	NOTE 4.500% 9/0	
29260V 10 5 *	ENDAVA PLC	ADS	
29260V 90 5	ENDAVA PLC	CALL	
29260V 95 5	ENDAVA PLC	PUT	
29260Y 10 9 *	ENDEAVOR GROUP HLDGS INC	CL A COM	
29260Y 90 9	ENDEAVOR GROUP HLDGS INC	CALL	
29260Y 95 9	ENDEAVOR GROUP HLDGS INC	PUT	
29261A 10 0 *	ENCOMPASS HEALTH CORP	COM	
29261A 90 0	ENCOMPASS HEALTH CORP	CALL	
29261A 95 0	ENCOMPASS HEALTH CORP	PUT	
292671 70 8 *	ENERGY FUELS INC	COM NEW	
292671 90 8	ENERGY FUELS INC	CALL	
292671 95 8	ENERGY FUELS INC	PUT	
29268T 40 9	ENERGY FOCUS INC	COM	
29269R 10 5 *	ENERFLEX LTD	COM	
29269R 90 5	ENERFLEX LTD	CALL	
29269R 95 5	ENERFLEX LTD	PUT	
29270J 10 0 *	ENERGY RECOVERY INC	COM	
29270J 90 0	ENERGY RECOVERY INC	CALL	
29270J 95 0	ENERGY RECOVERY INC	PUT	
29271Q 10 3	ENERGY SVCS ACQUISITION CORP	COM	
29272C 10 3 *	ENERGOUS CORP	COM	
29272C 90 3	ENERGOUS CORP	CALL	
29272C 95 3	ENERGOUS CORP	PUT	
29272W 10 9 *	ENERGIZER HLDGS INC NEW	COM	
29272W 90 9	ENERGIZER HLDGS INC NEW	CALL	
29272W 95 9	ENERGIZER HLDGS INC NEW	PUT	
29273B 30 2	ENDRA LIFE SCIENCES INC	COM NEW	
29273V 10 0 *	ENERGY TRANSFER L P	COM UT LTD PTN	
29273V 90 0	ENERGY TRANSFER L P	CALL	
29273V 95 0	ENERGY TRANSFER L P	PUT	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 244

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29275Y 10 2 *	ENERSYS	COM	
29275Y 90 2	ENERSYS	CALL	
29275Y 95 2	ENERSYS	PUT	
292765 10 4 *	ENERPAC TOOL GROUP CORP	CL A COM	
292765 90 4	ENERPAC TOOL GROUP CORP	CALL	
292765 95 4	ENERPAC TOOL GROUP CORP	PUT	
292766 10 2 *	ENERPLUS CORP	COM	
292766 90 2	ENERPLUS CORP	CALL	
292766 95 2	ENERPLUS CORP	PUT	
29278D 10 5 *	ENEL CHILE S.A.	SPONSORED ADR	
29278D 90 5	ENEL CHILE S.A.	CALL	
29278D 95 5	ENEL CHILE S.A.	PUT	
29280W 10 9 *	ENERGY VAULT HOLDINGS INC	COM	
29280W 90 9	ENERGY VAULT HOLDINGS INC	CALL	
29280W 95 9	ENERGY VAULT HOLDINGS INC	PUT	
292812 10 4 *	ENFUSION INC	CL A	
292812 90 4	ENFUSION INC	CALL	
292812 95 4	ENFUSION INC	PUT	
29283F 10 3 *	ENGAGESMART INC	COMMON STOCK	
29283F 90 3	ENGAGESMART INC	CALL	
29283F 95 3	ENGAGESMART INC	PUT	
29287L 10 6	ENGINE NO 1 ETF TRUST	TRANSFRM 500 ETF	
29287L 20 5 *	ENGINE NO 1 ETF TRUST	TRANSFORM CLMTE	
29287L 90 5	ENGINE NO 1 ETF TRUST	CALL	
29287L 95 5	ENGINE NO 1 ETF TRUST	PUT	
29287L 30 4	ENGINE NO 1 ETF TRUST	TRANSFORM SUPPLY	ADDED
29287W 10 2 *	ENGINE GAMING AND MEDIA INC	COM	
29287W 90 2	ENGINE GAMING AND MEDIA INC	CALL	
29287W 95 2	ENGINE GAMING AND MEDIA INC	PUT	
293306 10 6 *	ENGLOBAL CORP	COM	
293306 90 6	ENGLOBAL CORP	CALL	
293306 95 6	ENGLOBAL CORP	PUT	
29332G 10 2 *	ENHABIT INC	COM	
29332G 90 2	ENHABIT INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 245

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29332G 95 2	ENHABIT INC	PUT	
29336T 10 0 *	ENLINK MIDSTREAM LLC	COM UNIT REP LTD	
29336T 90 0	ENLINK MIDSTREAM LLC	CALL	
29336T 95 0	ENLINK MIDSTREAM LLC	PUT	
29337E 10 2 *	ENLIVEN THERAPEUTICS INC	COM	ADDED
29337E 90 2	ENLIVEN THERAPEUTICS INC	CALL	ADDED
29337E 95 2	ENLIVEN THERAPEUTICS INC	PUT	ADDED
293389 10 2 *	ENNIS INC	COM	
293389 90 2	ENNIS INC	CALL	
293389 95 2	ENNIS INC	PUT	
29350E 10 4 *	ENOCHIAN BIOSCIENCES INC	COM	
29350E 90 4	ENOCHIAN BIOSCIENCES INC	CALL	
29350E 95 4	ENOCHIAN BIOSCIENCES INC	PUT	
29355A AF 4	ENPHASE ENERGY INC	NOTE 0.250% 3/0	
29355A AH 0	ENPHASE ENERGY INC	NOTE 3/0	
29355A AK 3	ENPHASE ENERGY INC	NOTE 3/0	
29355A 10 7 *	ENPHASE ENERGY INC	COM	
29355A 90 7	ENPHASE ENERGY INC	CALL	
29355A 95 7	ENPHASE ENERGY INC	PUT	
29355X 10 7 *	ENPRO INDS INC	COM	
29355X 90 7	ENPRO INDS INC	CALL	
29355X 95 7	ENPRO INDS INC	PUT	
29357K 10 3 *	ENOVA INTL INC	COM	
29357K 90 3	ENOVA INTL INC	CALL	
29357K 95 3	ENOVA INTL INC	PUT	
29358P 10 1 *	ENSIGN GROUP INC	COM	
29358P 90 1	ENSIGN GROUP INC	CALL	
29358P 95 1	ENSIGN GROUP INC	PUT	
29358Y 20 1 *	ENSERVCO CORP	COM NEW	
29358Y 90 1	ENSERVCO CORP	CALL	
29358Y 95 1	ENSERVCO CORP	PUT	
293594 10 7 *	ENOVIX CORPORATION	COM	
293594 90 7	ENOVIX CORPORATION	CALL	
293594 95 7	ENOVIX CORPORATION	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 246

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
293602 20 7 *	ENSYSCE BIOSCIENCES INC	COM NEW	DELETED
293602 90 7	ENSYSCE BIOSCIENCES INC	CALL	DELETED
293602 95 7	ENSYSCE BIOSCIENCES INC	PUT	DELETED
293602 40 5 *	ENSYSCE BIOSCIENCES INC	COM	ADDED
293602 90 5	ENSYSCE BIOSCIENCES INC	CALL	ADDED
293602 95 5	ENSYSCE BIOSCIENCES INC	PUT	ADDED
29362U 10 4 *	ENTEGRIS INC	COM	
29362U 90 4	ENTEGRIS INC	CALL	
29362U 95 4	ENTEGRIS INC	PUT	
29364G 10 3 *	ENERGY CORP NEW	COM	
29364G 90 3	ENERGY CORP NEW	CALL	
29364G 95 3	ENERGY CORP NEW	PUT	
293668 10 9	ENTERPRISE BANCORP INC MASS	COM	
293712 10 5 *	ENTERPRISE FINL SVCS CORP	COM	
293712 90 5	ENTERPRISE FINL SVCS CORP	CALL	
293712 95 5	ENTERPRISE FINL SVCS CORP	PUT	
293792 10 7 *	ENTERPRISE PRODS PARTNERS L	COM	
293792 90 7	ENTERPRISE PRODS PARTNERS L	CALL	
293792 95 7	ENTERPRISE PRODS PARTNERS L	PUT	
29382R 10 7 *	ENTRAVISION COMMUNICATIONS C	CL A	
29382R 90 7	ENTRAVISION COMMUNICATIONS C	CALL	
29382R 95 7	ENTRAVISION COMMUNICATIONS C	PUT	
293828 80 2	ENTREPRENEURSHARES SERIES TR	ERSHARES	
293828 88 5	ENTREPRENEURSHARES SERIES TR	ERSHARES NEXTGEN	
29384C 10 8	ENTRADA THERAPEUTICS INC	COM	
29385B 10 9 *	ENTHUSIAST GAMING HLDGS INC	COM	
29385B 90 9	ENTHUSIAST GAMING HLDGS INC	CALL	
29385B 95 9	ENTHUSIAST GAMING HLDGS INC	PUT	
29402E 10 2 *	ENVELA CORP	COM	
29402E 90 2	ENVELA CORP	CALL	
29402E 95 2	ENVELA CORP	PUT	
29404K AB 2	ENVESTNET INC	NOTE 1.750% 6/0	
29404K AE 6	ENVESTNET INC	NOTE 0.750% 8/1	
29404K 10 6 *	ENVESTNET INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 247

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29404K 90 6	ENVESTNET INC	CALL	
29404K 95 6	ENVESTNET INC	PUT	
29405E 20 8	ENVERIC BIOSCIENCES INC	COM NEW	
294100 10 2 *	ENZO BIOCHEM INC	COM	
294100 90 2	ENZO BIOCHEM INC	CALL	
294100 95 2	ENZO BIOCHEM INC	PUT	
29414B 10 4 *	EPAM SYS INC	COM	
29414B 90 4	EPAM SYS INC	CALL	
29414B 95 4	EPAM SYS INC	PUT	
29414V 20 9 *	ENVIROTECH VEHICLES INC	COM NEW	
29414V 90 9	ENVIROTECH VEHICLES INC	CALL	
29414V 95 9	ENVIROTECH VEHICLES INC	PUT	
29415B 10 3 *	ENVIVA INC	COM	
29415B 90 3	ENVIVA INC	CALL	
29415B 95 3	ENVIVA INC	PUT	
29415C 10 1 *	EOS ENERGY ENTERPRISES INC	COM CL A	
29415C 90 1	EOS ENERGY ENTERPRISES INC	CALL	
29415C 95 1	EOS ENERGY ENTERPRISES INC	PUT	
29415C 11 9	EOS ENERGY ENTERPRISES INC	*W EXP 11/17/202	
29415F AB 0	ENVISTA HOLDINGS CORPORATION	NOTE 2.375% 6/0	
29415F 10 4 *	ENVISTA HOLDINGS CORPORATION	COM	
29415F 90 4	ENVISTA HOLDINGS CORPORATION	CALL	
29415F 95 4	ENVISTA HOLDINGS CORPORATION	PUT	
29415J 10 6 *	ENVVENO MEDICAL CORPORATION	COM	
29415J 90 6	ENVVENO MEDICAL CORPORATION	CALL	
29415J 95 6	ENVVENO MEDICAL CORPORATION	PUT	
29415J 11 4	ENVVENO MEDICAL CORPORATION	*W EXP 05/31/202	
294268 10 7 *	EPLUS INC	COM	
294268 90 7	EPLUS INC	CALL	
294268 95 7	EPLUS INC	PUT	
29429X 10 9 *	EPIPHANY TECHNOLOGY ACQUISIT	COM CL A	DELETED
29429X 90 9	EPIPHANY TECHNOLOGY ACQUISIT	CALL	DELETED
29429X 95 9	EPIPHANY TECHNOLOGY ACQUISIT	PUT	DELETED
29429X 11 7	EPIPHANY TECHNOLOGY ACQUISIT	*W EXP 01/12/202	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 248

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29429X 20 8	EPIPHANY TECHNOLOGY ACQUISIT	UNIT 99/99/9999	DELETED
294375 20 9 *	EPSILON ENERGY LTD	COM	
294375 90 9	EPSILON ENERGY LTD	CALL	
294375 95 9	EPSILON ENERGY LTD	PUT	
294429 10 5 *	EQUIFAX INC	COM	
294429 90 5	EQUIFAX INC	CALL	
294429 95 5	EQUIFAX INC	PUT	
29444U 70 0 *	EQUINIX INC	COM	
29444U 90 0	EQUINIX INC	CALL	
29444U 95 0	EQUINIX INC	PUT	
29446K 10 6 *	EQUILLIUM INC	COM	
29446K 90 6	EQUILLIUM INC	CALL	
29446K 95 6	EQUILLIUM INC	PUT	
29446M 10 2 *	EQUINOR ASA	SPONSORED ADR	
29446M 90 2	EQUINOR ASA	CALL	
29446M 95 2	EQUINOR ASA	PUT	
29446Y 50 2 *	EQUINOX GOLD CORP	COM	
29446Y 90 2	EQUINOX GOLD CORP	CALL	
29446Y 95 2	EQUINOX GOLD CORP	PUT	
29452E 10 1 *	EQUITABLE HLDGS INC	COM	
29452E 90 1	EQUITABLE HLDGS INC	CALL	
29452E 95 1	EQUITABLE HLDGS INC	PUT	
29460X 10 9 *	EQUITY BANCSHARES INC	COM CL A	
29460X 90 9	EQUITY BANCSHARES INC	CALL	
29460X 95 9	EQUITY BANCSHARES INC	PUT	
294600 10 1 *	EQUITRANS MIDSTREAM CORP	COM	
294600 90 1	EQUITRANS MIDSTREAM CORP	CALL	
294600 95 1	EQUITRANS MIDSTREAM CORP	PUT	
294628 10 2 *	EQUITY COMWLTH	COM SH BEN INT	
294628 90 2	EQUITY COMWLTH	CALL	
294628 95 2	EQUITY COMWLTH	PUT	
294628 20 1	EQUITY COMWLTH	6.5% CNV PFD D	
29472R 10 8 *	EQUITY LIFESTYLE PPTYS INC	COM	
29472R 90 8	EQUITY LIFESTYLE PPTYS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 249

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29472R 95 8	EQUITY LIFESTYLE PPTYS INC	PUT	
29476L 10 7 *	EQUITY RESIDENTIAL	SH BEN INT	
29476L 90 7	EQUITY RESIDENTIAL	CALL	
29476L 95 7	EQUITY RESIDENTIAL	PUT	
294766 10 0	EQUUS TOTAL RETURN INC	COM	
29479A 10 8 *	ERASCA INC	COM	
29479A 90 8	ERASCA INC	CALL	
29479A 95 8	ERASCA INC	PUT	
294821 60 8 *	ERICSSON	ADR B SEK 10	
294821 90 8	ERICSSON	CALL	
294821 95 8	ERICSSON	PUT	
29530P 10 2 *	ERIE INDTY CO	CL A	
29530P 90 2	ERIE INDTY CO	CALL	
29530P 95 2	ERIE INDTY CO	PUT	
296006 10 9 *	ERO COPPER CORP	COM	
296006 90 9	ERO COPPER CORP	CALL	
296006 95 9	ERO COPPER CORP	PUT	
29604W 10 8 *	ERYTECH PHARMA	SPONSORED ADR	
29604W 90 8	ERYTECH PHARMA	CALL	
29604W 95 8	ERYTECH PHARMA	PUT	
29605J 10 6 *	ESAB CORPORATION	COM	
29605J 90 6	ESAB CORPORATION	CALL	
29605J 95 6	ESAB CORPORATION	PUT	
296056 10 4 *	ESCALADE INC	COM	
296056 90 4	ESCALADE INC	CALL	
296056 95 4	ESCALADE INC	PUT	
296315 10 4 *	ESCO TECHNOLOGIES INC	COM	
296315 90 4	ESCO TECHNOLOGIES INC	CALL	
296315 95 4	ESCO TECHNOLOGIES INC	PUT	
29664W AB 1	ESPERION THERAPEUTICS INC NE	NOTE 4.000%11/1	
29664W 10 5 *	ESPERION THERAPEUTICS INC NE	COM	
29664W 90 5	ESPERION THERAPEUTICS INC NE	CALL	
29664W 95 5	ESPERION THERAPEUTICS INC NE	PUT	
296650 10 4	ESPEY MFG & ELECTRS CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 250

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29667D 10 4 *	ESSA BANCORP INC	COM	
29667D 90 4	ESSA BANCORP INC	CALL	
29667D 95 4	ESSA BANCORP INC	PUT	
29667J 10 1	ESQUIRE FINL HLDGS INC	COM	
29667K 11 6	ESPORTS ENTMT GROUP INC	*W EXP 04/16/202	
29667K 13 2	ESPORTS ENTMT GROUP INC	*W EXP 03/02/202	
29667K 30 6 *	ESPORTS ENTMT GROUP INC	COM	DELETED
29667K 90 6	ESPORTS ENTMT GROUP INC	CALL	DELETED
29667K 95 6	ESPORTS ENTMT GROUP INC	PUT	DELETED
29667K 40 5	ESPORTS ENTMT GROUP INC	10% CONV PFD A	
29667K 50 4 *	ESPORTS ENTMT GROUP INC	COM	ADDED
29667K 90 4	ESPORTS ENTMT GROUP INC	CALL	ADDED
29667K 95 4	ESPORTS ENTMT GROUP INC	PUT	ADDED
29668H 70 8 *	ESSA PHARMA INC	COM NEW	
29668H 90 8	ESSA PHARMA INC	CALL	
29668H 95 8	ESSA PHARMA INC	PUT	
29670E 10 7 *	ESSENTIAL PPTYS RLTY TR INC	COM	
29670E 90 7	ESSENTIAL PPTYS RLTY TR INC	CALL	
29670E 95 7	ESSENTIAL PPTYS RLTY TR INC	PUT	
29670G 10 2 *	ESSENTIAL UTILS INC	COM	
29670G 90 2	ESSENTIAL UTILS INC	CALL	
29670G 95 2	ESSENTIAL UTILS INC	PUT	
29670G 20 1	ESSENTIAL UTILS INC	UNIT 04/30/2022	
297178 10 5 *	ESSEX PPTY TR INC	COM	
297178 90 5	ESSEX PPTY TR INC	CALL	
297178 95 5	ESSEX PPTY TR INC	PUT	
297602 10 4 *	ETHAN ALLEN INTERIORS INC	COM	
297602 90 4	ETHAN ALLEN INTERIORS INC	CALL	
297602 95 4	ETHAN ALLEN INTERIORS INC	PUT	
29772L 10 8 *	ETON PHARMACEUTICALS INC	COM	
29772L 90 8	ETON PHARMACEUTICALS INC	CALL	
29772L 95 8	ETON PHARMACEUTICALS INC	PUT	
29786A AC 0	ETSY INC	NOTE 3/0	DELETED
29786A AJ 5	ETSY INC	NOTE 0.125%10/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 251

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29786A AL 0	ETSY INC	NOTE 0.125% 9/0	
29786A AN 6	ETSY INC	NOTE 0.250% 6/1	
29786A 10 6 *	ETSY INC	COM	
29786A 90 6	ETSY INC	CALL	
29786A 95 6	ETSY INC	PUT	
29788T 10 3 *	E2OPEN PARENT HOLDINGS INC	COM CL A	
29788T 90 3	E2OPEN PARENT HOLDINGS INC	CALL	
29788T 95 3	E2OPEN PARENT HOLDINGS INC	PUT	
29788T 11 1	E2OPEN PARENT HOLDINGS INC	*W EXP 02/04/202	
298736 AL 3	EURONET WORLDWIDE INC	NOTE 0.750% 3/1	
298736 10 9 *	EURONET WORLDWIDE INC	COM	
298736 90 9	EURONET WORLDWIDE INC	CALL	
298736 95 9	EURONET WORLDWIDE INC	PUT	
298768 10 2	EUROPEAN EQUITY FD INC	COM	
29882P 10 6 *	EUROPEAN WAX CTR INC	CLASS A COM	
29882P 90 6	EUROPEAN WAX CTR INC	CALL	
29882P 95 6	EUROPEAN WAX CTR INC	PUT	
29911Q 20 8	EVANS BANCORP INC	COM NEW	
29970N 10 4 *	EVE HLDG INC	COM	
29970N 90 4	EVE HLDG INC	CALL	
29970N 95 4	EVE HLDG INC	PUT	
29970N 11 2	EVE HLDG INC	*W EXP 05/09/202	
29970R 10 5 *	EVAXION BIOTECH A S	ADS	
29970R 90 5	EVAXION BIOTECH A S	CALL	
29970R 95 5	EVAXION BIOTECH A S	PUT	
299734 10 3 *	EVELO BIOSCIENCES INC	COM	
299734 90 3	EVELO BIOSCIENCES INC	CALL	
299734 95 3	EVELO BIOSCIENCES INC	PUT	
29975E AB 5	EVENTBRITE INC	NOTE 5.000%12/0	
29975E AD 1	EVENTBRITE INC	NOTE 0.750% 9/1	
29975E 10 9 *	EVENTBRITE INC	COM CL A	
29975E 90 9	EVENTBRITE INC	CALL	
29975E 95 9	EVENTBRITE INC	PUT	
29977A 10 5 *	EVERCORE INC	CLASS A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 252

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
29977A 90 5	EVERCORE INC	CALL	
29977A 95 5	EVERCORE INC	PUT	
29977X 10 5 *	EVERCOMMERCE INC	COM	
29977X 90 5	EVERCOMMERCE INC	CALL	
29977X 95 5	EVERCOMMERCE INC	PUT	
29978A AC 8	EVERBRIDGE INC	NOTE 0.125%12/1	
29978A AE 4	EVERBRIDGE INC	NOTE 3/1	
29978A 10 4 *	EVERBRIDGE INC	COM	
29978A 90 4	EVERBRIDGE INC	CALL	
29978A 95 4	EVERBRIDGE INC	PUT	
29978K 10 2	EVEREST CONSOLIDATOR ACQ COR	CL A COM	
29978K 11 0	EVEREST CONSOLIDATOR ACQ COR	*W EXP 99/99/999	
29978K 20 1	EVEREST CONSOLIDATOR ACQ COR	UNIT 99/99/9999	
30034T 10 3 *	EVERI HLDGS INC	COM	
30034T 90 3	EVERI HLDGS INC	CALL	
30034T 95 3	EVERI HLDGS INC	PUT	
30034W 10 6 *	EVERGY INC	COM	
30034W 90 6	EVERGY INC	CALL	
30034W 95 6	EVERGY INC	PUT	
30040P 10 3 *	EVERTEC INC	COM	
30040P 90 3	EVERTEC INC	CALL	
30040P 95 3	EVERTEC INC	PUT	
30040W 10 8 *	EVERSOURCE ENERGY	COM	
30040W 90 8	EVERSOURCE ENERGY	CALL	
30040W 95 8	EVERSOURCE ENERGY	PUT	
30041R 10 8 *	EVERQUOTE INC	COM CL A	
30041R 90 8	EVERQUOTE INC	CALL	
30041R 95 8	EVERQUOTE INC	PUT	
30041T 10 4 *	EVERSPIN TECHNOLOGIES INC	COM	
30041T 90 4	EVERSPIN TECHNOLOGIES INC	CALL	
30041T 95 4	EVERSPIN TECHNOLOGIES INC	PUT	
30049A 10 7 *	EVOLUTION PETE CORP	COM	
30049A 90 7	EVOLUTION PETE CORP	CALL	
30049A 95 7	EVOLUTION PETE CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 253

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30049G 20 3	EVOKE PHARMA INC	COM NEW	
30049H 10 2 *	EVOLV TECHNOLOGIES HLDNGS IN	COM CL A	
30049H 90 2	EVOLV TECHNOLOGIES HLDNGS IN	CALL	
30049H 95 2	EVOLV TECHNOLOGIES HLDNGS IN	PUT	
30049H 11 0	EVOLV TECHNOLOGIES HLDNGS IN	*W EXP 03/10/202	
30050B AD 3	EVOLENT HEALTH INC	NOTE 1.500%10/1	
30050B AF 8	EVOLENT HEALTH INC	NOTE 3.500%12/0	
30050B 10 1 *	EVOLENT HEALTH INC	CL A	
30050B 90 1	EVOLENT HEALTH INC	CALL	
30050B 95 1	EVOLENT HEALTH INC	PUT	
30050E 10 5	EVOTEC AG	SPONSORED ADS	
30052C 10 7 *	EVOLUS INC	COM	
30052C 90 7	EVOLUS INC	CALL	
30052C 95 7	EVOLUS INC	PUT	
30052F 10 0 *	EVGO INC	CL A COM	
30052F 90 0	EVGO INC	CALL	
30052F 95 0	EVGO INC	PUT	
30052F 11 8	EVGO INC	*W EXP 07/01/202	
30052G 10 8	EVO ACQUISITION CORP	COM CL A	
30052G 11 6	EVO ACQUISITION CORP	*W EXP 01/04/202	
30052G 20 7	EVO ACQUISITION CORP	UNIT 99/99/9999	
30053M 10 4	EVOLVE TRANSITION INFRASTRU	COM UNITS REP B	
30057T 10 5 *	EVOQUA WATER TECHNOLOGIES CO	COM	
30057T 90 5	EVOQUA WATER TECHNOLOGIES CO	CALL	
30057T 95 5	EVOQUA WATER TECHNOLOGIES CO	PUT	
30063P AA 3	EXACT SCIENCES CORP	NOTE 1.000% 1/1	
30063P AB 1	EXACT SCIENCES CORP	NOTE 0.375% 3/1	
30063P AC 9	EXACT SCIENCES CORP	NOTE 0.375% 3/0	
30063P AD 7	EXACT SCIENCES CORP	DEBT 2.000% 3/0	ADDED
30063P 10 5 *	EXACT SCIENCES CORP	COM	
30063P 90 5	EXACT SCIENCES CORP	CALL	
30063P 95 5	EXACT SCIENCES CORP	PUT	
30068X 10 3 *	EXAGEN INC	COM	
30068X 90 3	EXAGEN INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 254

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30068X 95 3	EXAGEN INC	PUT	
30069C 80 1	EXCELLON RES INC	COM	DELETED
30069T 10 1 *	EXCELERATE ENERGY INC	CL A COM	
30069T 90 1	EXCELERATE ENERGY INC	CALL	
30069T 95 1	EXCELERATE ENERGY INC	PUT	
30069X 10 2	EXCELFIN ACQUISITION CORP	COM CL A	
30069X 11 0	EXCELFIN ACQUISITION CORP	*W EXP 10/25/202	
30069X 20 1	EXCELFIN ACQUISITION CORP	UNIT 10/25/2028	
301505 49 1	EXCHANGE TRADED CONCEPTS TR	KPOP AND KOREAN	
301505 52 5 *	EXCHANGE TRADED CONCEPTS TR	OPTICA RARE EART	
301505 90 5	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 5	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 55 8 *	EXCHANGE TRADED CONCEPTS TR	INDIA INTERNET &	
301505 90 8	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 8	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 57 4 *	EXCHANGE TRADED CONCEPTS TR	FOUNT METAVERSE	
301505 90 4	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 4	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 58 2	EXCHANGE TRADED CONCEPTS TR	FOUNT SUBS ECON	
301505 59 0	EXCHANGE TRADED CONCEPTS TR	FMQQ NEXT FRONT	
301505 61 6	EXCHANGE TRADED CONCEPTS TR	ETC 6 QUALITY G	
301505 62 4 *	EXCHANGE TRADED CONCEPTS TR	BITWISE CRYPTO	
301505 90 4	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 4	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 64 0	EXCHANGE TRADED CONCEPTS TR	NIFTY INDIA FINA	
301505 66 5	EXCHANGE TRADED CONCEPTS TR	ETC 6 HEDGED EQU	
301505 67 3	EXCHANGE TRADED CONCEPTS TR	ETC 6 SMALL CAP	
301505 68 1	EXCHANGE TRADED CONCEPTS TR	ETC 6 MEGA CAP	
301505 69 9	EXCHANGE TRADED CONCEPTS TR	ETC 6 LOW BETA	
301505 70 7 *	EXCHANGE TRADED CONCEPTS TR	ROBO GLB ETF	
301505 90 7	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 7	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 72 3 *	EXCHANGE TRADED CONCEPTS TR	ROBO GBL HLTGR	
301505 90 3	EXCHANGE TRADED CONCEPTS TR	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 255

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
301505 95 3	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 73 1	EXCHANGE TRADED CONCEPTS TR	ROBO GLB ARTIF	
301505 74 9	EXCHANGE TRADED CONCEPTS TR	VSPR US LC ETF	
301505 75 6	EXCHANGE TRADED CONCEPTS TR	CAPITAL LINK GBL	DELETED
301505 76 4 *	EXCHANGE TRADED CONCEPTS TR	CAPITAL LINK GBL	
301505 90 4	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 4	EXCHANGE TRADED CONCEPTS TR	PUT	
301505 80 6	EXCHANGE TRADED CONCEPTS TR	HULL TACTIC US	
301505 88 9 *	EXCHANGE TRADED CONCEPTS TR	EMQQ EM INTERN	
301505 90 9	EXCHANGE TRADED CONCEPTS TR	CALL	
301505 95 9	EXCHANGE TRADED CONCEPTS TR	PUT	
30151E 58 2	EXCHANGE LISTED FDS TR	AKROS MTHLY PAYO	
30151E 61 6 *	EXCHANGE LISTED FDS TR	CABANA AGGRESSIV	
30151E 90 6	EXCHANGE LISTED FDS TR	CALL	
30151E 95 6	EXCHANGE LISTED FDS TR	PUT	
30151E 62 4	EXCHANGE LISTED FDS TR	CABANA MODERATE	
30151E 63 2 *	EXCHANGE LISTED FDS TR	CABANA CONSERVAT	
30151E 90 2	EXCHANGE LISTED FDS TR	CALL	
30151E 95 2	EXCHANGE LISTED FDS TR	PUT	
30151E 64 0	EXCHANGE LISTED FDS TR	ASIAN GROWTH CUB	
30151E 65 7	EXCHANGE LISTED FDS TR	ETC GAVEKAL ASIA	
30151E 66 5	EXCHANGE LISTED FDS TR	CORBETT ROAD TAC	
30151E 67 3 *	EXCHANGE LISTED FDS TR	QRAFT AI ENANE	
30151E 90 3	EXCHANGE LISTED FDS TR	CALL	
30151E 95 3	EXCHANGE LISTED FDS TR	PUT	
30151E 68 1	EXCHANGE LISTED FDS TR	CABANA TARGET 16	
30151E 69 9	EXCHANGE LISTED FDS TR	CABANA TARGET 13	
30151E 71 5	EXCHANGE LISTED FDS TR	CABANA TARGET 10	
30151E 72 3	EXCHANGE LISTED FDS TR	CABANA TARGET 7	
30151E 73 1	EXCHANGE LISTED FDS TR	CABANA TARGET 5	
30151E 76 4	EXCHANGE LISTED FDS TR	ARMOR US EQT IDX	
30151E 77 2	EXCHANGE LISTED FDS TR	QRAFT AI-ENHNCD	DELETED
30151E 78 0 *	EXCHANGE LISTED FDS TR	QRAFT AI US MMTM	
30151E 90 0	EXCHANGE LISTED FDS TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 256

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30151E 95 0	EXCHANGE LISTED FDS TR	PUT	
30151E 79 8 *	EXCHANGE LISTED FDS TR	QRAFT AI ENHCD	
30151E 90 8	EXCHANGE LISTED FDS TR	CALL	
30151E 95 8	EXCHANGE LISTED FDS TR	PUT	
30151E 80 6	EXCHANGE LISTED FDS TR	SABA INT RATE	
30151E 81 4 *	EXCHANGE LISTED FDS TR	HIGH YIELD ETF	
30151E 90 4	EXCHANGE LISTED FDS TR	CALL	
30151E 95 4	EXCHANGE LISTED FDS TR	PUT	
30161N 10 1 *	EXELON CORP	COM	
30161N 90 1	EXELON CORP	CALL	
30161N 95 1	EXELON CORP	PUT	
30161Q 10 4 *	EXELIXIS INC	COM	
30161Q 90 4	EXELIXIS INC	CALL	
30161Q 95 4	EXELIXIS INC	PUT	
30162V 60 7	EXELA TECHNOLOGIES INC	6% CONV PFD SR B	
30162V 70 6 *	EXELA TECHNOLOGIES INC	COM	
30162V 90 6	EXELA TECHNOLOGIES INC	CALL	
30162V 95 6	EXELA TECHNOLOGIES INC	PUT	
30190A 10 4 *	F&G ANNUITIES & LIFE INC	COMMON STOCK	
30190A 90 4	F&G ANNUITIES & LIFE INC	CALL	
30190A 95 4	F&G ANNUITIES & LIFE INC	PUT	
30205M 20 0	EXICURE INC	COM NEW	
302081 10 4 *	EXLSERVICE HOLDINGS INC	COM	
302081 90 4	EXLSERVICE HOLDINGS INC	CALL	
302081 95 4	EXLSERVICE HOLDINGS INC	PUT	
30212P BE 4	EXPEDIA GROUP INC	NOTE	2/1
30212P 30 3 *	EXPEDIA GROUP INC	COM NEW	
30212P 90 3	EXPEDIA GROUP INC	CALL	
30212P 95 3	EXPEDIA GROUP INC	PUT	
30212W 10 0 *	EXP WORLD HLDGS INC	COM	
30212W 90 0	EXP WORLD HLDGS INC	CALL	
30212W 95 0	EXP WORLD HLDGS INC	PUT	
302130 10 9 *	EXPEDITORS INTL WASH INC	COM	
302130 90 9	EXPEDITORS INTL WASH INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 257

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
302130 95 9	EXPEDITORS INTL WASH INC	PUT	
30214U 10 2 *	EXPONENT INC	COM	
30214U 90 2	EXPONENT INC	CALL	
30214U 95 2	EXPONENT INC	PUT	
30218B 10 0	EXPION360 INC	COM	
30219E 10 3 *	EXPRESS INC	COM	
30219E 90 3	EXPRESS INC	CALL	
30219E 95 3	EXPRESS INC	PUT	
30219Q 10 6 *	EXPENSIFY INC	COM CL A	
30219Q 90 6	EXPENSIFY INC	CALL	
30219Q 95 6	EXPENSIFY INC	PUT	
30223G 10 2 *	EXSCIENTIA PLC	ADS	
30223G 90 2	EXSCIENTIA PLC	CALL	
30223G 95 2	EXSCIENTIA PLC	PUT	
30225T 10 2 *	EXTRA SPACE STORAGE INC	COM	
30225T 90 2	EXTRA SPACE STORAGE INC	CALL	
30225T 95 2	EXTRA SPACE STORAGE INC	PUT	
30226D 10 6 *	EXTREME NETWORKS	COM	
30226D 90 6	EXTREME NETWORKS	CALL	
30226D 95 6	EXTREME NETWORKS	PUT	
302301 AE 6	EZCORP INC	NOTE 2.375% 5/0	
302301 AF 3	EZCORP INC	NOTE 2.875% 7/0	
302301 10 6 *	EZCORP INC	CL A NON VTG	
302301 90 6	EZCORP INC	CALL	
302301 95 6	EZCORP INC	PUT	
30231G 10 2 *	EXXON MOBIL CORP	COM	
30231G 90 2	EXXON MOBIL CORP	CALL	
30231G 95 2	EXXON MOBIL CORP	PUT	
302314 20 8	EZFILL HOLDINGS INC	COM NEW	
30233G 20 9 *	EYEPOINT PHARMACEUTICALS INC	COM NEW	
30233G 90 9	EYEPOINT PHARMACEUTICALS INC	CALL	
30233G 95 9	EYEPOINT PHARMACEUTICALS INC	PUT	
30234E 10 4	EYENOVIA INC	COM	
302462 10 6 *	FG GROUP HOLDINGS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 258

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
302462 90 6	FG GROUP HOLDINGS INC	CALL	
302462 95 6	FG GROUP HOLDINGS INC	PUT	
302491 30 3 *	FMC CORP	COM NEW	
302491 90 3	FMC CORP	CALL	
302491 95 3	FMC CORP	PUT	
302492 10 3 *	FLYWIRE CORPORATION	COM VTG	
302492 90 3	FLYWIRE CORPORATION	CALL	
302492 95 3	FLYWIRE CORPORATION	PUT	
302520 10 1 *	F N B CORP	COM	
302520 90 1	F N B CORP	CALL	
302520 95 1	F N B CORP	PUT	
30257X 10 4 *	FB FINL CORP	COM	
30257X 90 4	FB FINL CORP	CALL	
30257X 95 4	FB FINL CORP	PUT	
302578 10 9 *	FNCB BANCORP INC	COM	
302578 90 9	FNCB BANCORP INC	CALL	
302578 95 9	FNCB BANCORP INC	PUT	
30258N 10 5	FAT BRANDS INC	CLASS A COM	
30258N 12 1	FAT BRANDS INC	*W EXP 07/16/202	
30258N 60 0	FAT BRANDS INC	CLASS B COM	
30260D 10 3 *	FIGS INC	CL A	
30260D 90 3	FIGS INC	CALL	
30260D 95 3	FIGS INC	PUT	
30260M 10 3	FFBW INC MD	COM	DELETED
30263Y 10 4	FS BANCORP INC	COM	
302635 20 6 *	FS KKR CAP CORP	COM	
302635 90 6	FS KKR CAP CORP	CALL	
302635 95 6	FS KKR CAP CORP	PUT	
30290Y 10 1	FS CREDIT OPPORTUNITIES CORP	COMMON STOCK	
30292L 10 7	FRP HLDGS INC	COM	
302941 AP 4	FTI CONSULTING INC	NOTE 2.000% 8/1	
302941 10 9 *	FTI CONSULTING INC	COM	
302941 90 9	FTI CONSULTING INC	CALL	
302941 95 9	FTI CONSULTING INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 259

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30303M 10 2 *	META PLATFORMS INC	CL A	
30303M 90 2	META PLATFORMS INC	CALL	
30303M 95 2	META PLATFORMS INC	PUT	
303075 10 5 *	FACTSET RESH SYS INC	COM	
303075 90 5	FACTSET RESH SYS INC	CALL	
303075 95 5	FACTSET RESH SYS INC	PUT	
30315R 10 7 *	F-STAR THERAPEUTICS INC	COM	DELETED
30315R 90 7	F-STAR THERAPEUTICS INC	CALL	DELETED
30315R 95 7	F-STAR THERAPEUTICS INC	PUT	DELETED
30319B 10 8	FTAC PARNASSUS ACQUISITN COR	CLASS A COM	DELETED
30319B 11 6	FTAC PARNASSUS ACQUISITN COR	*W EXP 03/10/202	DELETED
30319B 20 7	FTAC PARNASSUS ACQUISITN COR	UNIT 03/10/2026	DELETED
30320C 10 3 *	FTC SOLAR INC	COM	
30320C 90 3	FTC SOLAR INC	CALL	
30320C 95 3	FTC SOLAR INC	PUT	
30320F 10 6	FTAC ZEUS ACQUISITION COR	CLASS A COM	
30320F 11 4	FTAC ZEUS ACQUISITION COR	*W EXP 04/15/202	
30320F 20 5	FTAC ZEUS ACQUISITION COR	UNIT 04/15/2026	
30322L 10 1 *	F45 TRAINING HLDGS INC	COM	
30322L 90 1	F45 TRAINING HLDGS INC	CALL	
30322L 95 1	F45 TRAINING HLDGS INC	PUT	
30324Y 10 1	FG MERGER CORP	COMMON STOCK	
30324Y 11 9	FG MERGER CORP	*W EXP 06/17/202	
30324Y 20 0	FG MERGER CORP	UNIT 06/17/2027	
303250 10 4 *	FAIR ISAAC CORP	COM	
303250 90 4	FAIR ISAAC CORP	CALL	
303250 95 4	FAIR ISAAC CORP	PUT	
30329Y 10 6	FG FINANCIAL GROUP INC	COM	
30712A 10 3 *	FANHUA INC	SPONSORED ADR	
30712A 90 3	FANHUA INC	CALL	
30712A 95 3	FANHUA INC	PUT	
30712L 20 8	FANGDD NETWORK GROUP LTD	SPONSORED ADS	
307359 10 9 *	FARADAY FUTRE INTLGT ELCTR I	COM	
307359 90 9	FARADAY FUTRE INTLGT ELCTR I	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 260

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
307359 95 9	FARADAY FUTRE INTLGT ELCTR I	PUT	
307359 11 7	FARADAY FUTRE INTLGT ELCTR I	*W EXP 03/20/202	
30744W AD 9	FARFETCH LTD	NOTE 3.750% 5/0	
30744W 10 7 *	FARFETCH LTD	ORD SH CL A	
30744W 90 7	FARFETCH LTD	CALL	
30744W 95 7	FARFETCH LTD	PUT	
307675 10 8 *	FARMER BROS CO	COM	
307675 90 8	FARMER BROS CO	CALL	
307675 95 8	FARMER BROS CO	PUT	
30779N 10 5	FARMERS & MERCHANTS BANCORP	COM	
309627 10 7 *	FARMERS NATIONAL BANC CORP	COM	
309627 90 7	FARMERS NATIONAL BANC CORP	CALL	
309627 95 7	FARMERS NATIONAL BANC CORP	PUT	
31154R 10 9 *	FARMLAND PARTNERS INC	COM	
31154R 90 9	FARMLAND PARTNERS INC	CALL	
31154R 95 9	FARMLAND PARTNERS INC	PUT	
311642 10 2 *	FARO TECHNOLOGIES INC	COM	
311642 90 2	FARO TECHNOLOGIES INC	CALL	
311642 95 2	FARO TECHNOLOGIES INC	PUT	
311874 10 1	FAST ACQUISITION CORP II	CL A	
311874 11 9	FAST ACQUISITION CORP II	*W EXP 03/16/202	
311874 20 0	FAST ACQUISITION CORP II	UNIT 03/16/2026	
31188V AB 6	FASTLY INC	NOTE 3/1	
31188V 10 0 *	FASTLY INC	CL A	
31188V 90 0	FASTLY INC	CALL	
31188V 95 0	FASTLY INC	PUT	
31189P 10 2 *	FATE THERAPEUTICS INC	COM	
31189P 90 2	FATE THERAPEUTICS INC	CALL	
31189P 95 2	FATE THERAPEUTICS INC	PUT	
31189V 10 9 *	FATHOM HOLDINGS INC	COM	
31189V 90 9	FATHOM HOLDINGS INC	CALL	
31189V 95 9	FATHOM HOLDINGS INC	PUT	
31189Y 10 3 *	FATHOM DIGITAL MFG CORP	CL A COM	
31189Y 90 3	FATHOM DIGITAL MFG CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 261

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
31189Y 95 3	FATHOM DIGITAL MFG CORP	PUT	
31189Y 11 1	FATHOM DIGITAL MFG CORP	*W EXP 12/22/202	
311900 10 4 *	FASTENAL CO	COM	
311900 90 4	FASTENAL CO	CALL	
311900 95 4	FASTENAL CO	PUT	
313148 10 8	FEDERAL AGRIC MTG CORP	CL A	
313148 30 6 *	FEDERAL AGRIC MTG CORP	CL C	
313148 90 6	FEDERAL AGRIC MTG CORP	CALL	
313148 95 6	FEDERAL AGRIC MTG CORP	PUT	
313745 10 1 *	FEDERAL RLTY INVT TR NEW	SH BEN INT NEW	
313745 90 1	FEDERAL RLTY INVT TR NEW	CALL	
313745 95 1	FEDERAL RLTY INVT TR NEW	PUT	
313855 10 8 *	FEDERAL SIGNAL CORP	COM	
313855 90 8	FEDERAL SIGNAL CORP	CALL	
313855 95 8	FEDERAL SIGNAL CORP	PUT	
314211 10 3 *	FEDERATED HERMES INC	CL B	
314211 90 3	FEDERATED HERMES INC	CALL	
314211 95 3	FEDERATED HERMES INC	PUT	
31423J 10 2 *	FAZE HOLDINGS INC	COMMON STOCK	
31423J 90 2	FAZE HOLDINGS INC	CALL	
31423J 95 2	FAZE HOLDINGS INC	PUT	
31423J 11 0	FAZE HOLDINGS INC	*W EXP 03/01/202	
31423L 10 7	FEDERATED HERMES ETF TRUST	SHORT DURATION C	
31423L 20 6	FEDERATED HERMES ETF TRUST	SHORT DURATION H	
31423L 30 5	FEDERATED HERMES ETF TRUST	US STRATEGIC DIV	
31423P 10 8	FEDERATED HERMES PREM MUNI I	COM	
31428X 10 6 *	FEDEX CORP	COM	
31428X 90 6	FEDEX CORP	CALL	
31428X 95 6	FEDEX CORP	PUT	
31447E 10 5	FEMASYS INC	COM	
31447P 10 0 *	FENNEC PHARMACEUTICALS INC	COM	
31447P 90 0	FENNEC PHARMACEUTICALS INC	CALL	
31447P 95 0	FENNEC PHARMACEUTICALS INC	PUT	
31561T 10 2	FEUTUNE LIGHT ACQUISITION CO	CL A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 262

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
31561T 11 0	FEUTUNE LIGHT ACQUISITION CO	*W EXP 06/01/202	
31561T 12 8	FEUTUNE LIGHT ACQUISITION CO	RIGHT 06/01/2029	
31561T 20 1	FEUTUNE LIGHT ACQUISITION CO	UNIT 06/01/2029	
315616 10 2 *	F5 INC	COM	
315616 90 2	F5 INC	CALL	
315616 95 2	F5 INC	PUT	
31572Q 80 8 *	FIBROGEN INC	COM	
31572Q 90 8	FIBROGEN INC	CALL	
31572Q 95 8	FIBROGEN INC	PUT	
315912 80 8 *	FIDELITY COMWLTH TR	NASDAQ COMPSIT	
315912 90 8	FIDELITY COMWLTH TR	CALL	
315912 95 8	FIDELITY COMWLTH TR	PUT	
31609R 10 0	FIDELITY D & D BANCORP INC	COM	
316092 18 8	FIDELITY COVINGTON TRUST	METAVVERSE ETF	
316092 19 6	FIDELITY COVINGTON TRUST	CRYPTO IND & DIG	
316092 20 4 *	FIDELITY COVINGTON TRUST	MSCI CONSM DIS	
316092 90 4	FIDELITY COVINGTON TRUST	CALL	
316092 95 4	FIDELITY COVINGTON TRUST	PUT	
316092 21 2	FIDELITY COVINGTON TRUST	SUSTAINABLE HIGH	
316092 22 0 *	FIDELITY COVINGTON TRUST	ELEC VEHS & FUTR	
316092 90 0	FIDELITY COVINGTON TRUST	CALL	
316092 95 0	FIDELITY COVINGTON TRUST	PUT	
316092 23 8	FIDELITY COVINGTON TRUST	DIGITAL HLTH ETF	
316092 24 6	FIDELITY COVINGTON TRUST	CLOUD COMPUTNG	
316092 25 3 *	FIDELITY COVINGTON TRUST	CLEAN ENERGY ETF	
316092 90 3	FIDELITY COVINGTON TRUST	CALL	
316092 95 3	FIDELITY COVINGTON TRUST	PUT	
316092 26 1	FIDELITY COVINGTON TRUST	PFD SECS INCOME	
316092 27 9	FIDELITY COVINGTON TRUST	SUSTAINABLE U S	
316092 28 7	FIDELITY COVINGTON TRUST	WOMEN'S LEADER	
316092 29 5	FIDELITY COVINGTON TRUST	FIDELITY SML-MID	
316092 30 3 *	FIDELITY COVINGTON TRUST	CONSMR STAPLES	
316092 90 3	FIDELITY COVINGTON TRUST	CALL	
316092 95 3	FIDELITY COVINGTON TRUST	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 263

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
316092 31 1	FIDELITY COVINGTON TRUST	FIDELITY REL EST	
316092 32 9	FIDELITY COVINGTON TRUST	FIDELITY MAGELAN	
316092 33 7	FIDELITY COVINGTON TRUST	FIDELITY GROWTH	
316092 34 5	FIDELITY COVINGTON TRUST	BLUE CHIP VALUE	
316092 35 2	FIDELITY COVINGTON TRUST	BLUE CHIP GRWTH	
316092 36 0	FIDELITY COVINGTON TRUST	NEW MILLENNIUM	
316092 37 8	FIDELITY COVINGTON TRUST	FIDELITY US MLTF	
316092 38 6 *	FIDELITY COVINGTON TRUST	STOCK FOR INFL	
316092 90 6	FIDELITY COVINGTON TRUST	CALL	
316092 95 6	FIDELITY COVINGTON TRUST	PUT	
316092 40 2 *	FIDELITY COVINGTON TRUST	MSCI ENERGY IDX	
316092 90 2	FIDELITY COVINGTON TRUST	CALL	
316092 95 2	FIDELITY COVINGTON TRUST	PUT	
316092 50 1 *	FIDELITY COVINGTON TRUST	MSCI FINLS IDX	
316092 90 1	FIDELITY COVINGTON TRUST	CALL	
316092 95 1	FIDELITY COVINGTON TRUST	PUT	
316092 52 7 *	FIDELITY COVINGTON TRUST	SML MID MLTFCT	
316092 90 7	FIDELITY COVINGTON TRUST	CALL	
316092 95 7	FIDELITY COVINGTON TRUST	PUT	
316092 53 5	FIDELITY COVINGTON TRUST	INTL MULTIFACTOR	
316092 54 3	FIDELITY COVINGTON TRUST	EMERG MKTS MLTFT	
316092 60 0 *	FIDELITY COVINGTON TRUST	MSCI HLTH CARE I	
316092 90 0	FIDELITY COVINGTON TRUST	CALL	
316092 95 0	FIDELITY COVINGTON TRUST	PUT	
316092 61 8	FIDELITY COVINGTON TRUST	HIGH YILD ETF	
316092 70 9 *	FIDELITY COVINGTON TRUST	MSCI INDL INDX	
316092 90 9	FIDELITY COVINGTON TRUST	CALL	
316092 95 9	FIDELITY COVINGTON TRUST	PUT	
316092 71 7	FIDELITY COVINGTON TRUST	INT VL FCT ETF	
316092 72 5 *	FIDELITY COVINGTON TRUST	INT HG DIV ETF	
316092 90 5	FIDELITY COVINGTON TRUST	CALL	
316092 95 5	FIDELITY COVINGTON TRUST	PUT	
316092 78 2 *	FIDELITY COVINGTON TRUST	VLU FACTOR ETF	
316092 90 2	FIDELITY COVINGTON TRUST	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 264

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
316092 95 2	FIDELITY COVINGTON TRUST	PUT	
316092 79 0 *	FIDELITY COVINGTON TRUST	QLTY FCTOR ETF	
316092 90 0	FIDELITY COVINGTON TRUST	CALL	
316092 95 0	FIDELITY COVINGTON TRUST	PUT	
316092 80 8 *	FIDELITY COVINGTON TRUST	MSCI INFO TECH I	
316092 90 8	FIDELITY COVINGTON TRUST	CALL	
316092 95 8	FIDELITY COVINGTON TRUST	PUT	
316092 81 6 *	FIDELITY COVINGTON TRUST	MOMENTUM FACTR	
316092 90 6	FIDELITY COVINGTON TRUST	CALL	
316092 95 6	FIDELITY COVINGTON TRUST	PUT	
316092 82 4 *	FIDELITY COVINGTON TRUST	LOW VOLITY ETF	
316092 90 4	FIDELITY COVINGTON TRUST	CALL	
316092 95 4	FIDELITY COVINGTON TRUST	PUT	
316092 83 2 *	FIDELITY COVINGTON TRUST	DIVID ETF RISI	
316092 90 2	FIDELITY COVINGTON TRUST	CALL	
316092 95 2	FIDELITY COVINGTON TRUST	PUT	
316092 84 0 *	FIDELITY COVINGTON TRUST	HIGH DIVID ETF	
316092 90 0	FIDELITY COVINGTON TRUST	CALL	
316092 95 0	FIDELITY COVINGTON TRUST	PUT	
316092 85 7 *	FIDELITY COVINGTON TRUST	MSCI RL EST ETF	
316092 90 7	FIDELITY COVINGTON TRUST	CALL	
316092 95 7	FIDELITY COVINGTON TRUST	PUT	
316092 86 5 *	FIDELITY COVINGTON TRUST	MSCI UTILS INDEX	
316092 90 5	FIDELITY COVINGTON TRUST	CALL	
316092 95 5	FIDELITY COVINGTON TRUST	PUT	
316092 87 3 *	FIDELITY COVINGTON TRUST	MSCI COMMNTN SVC	
316092 90 3	FIDELITY COVINGTON TRUST	CALL	
316092 95 3	FIDELITY COVINGTON TRUST	PUT	
316092 88 1 *	FIDELITY COVINGTON TRUST	MSCI MATLS INDEX	
316092 90 1	FIDELITY COVINGTON TRUST	CALL	
316092 95 1	FIDELITY COVINGTON TRUST	PUT	
316188 10 1	FIDELITY MERRIMACK STR TR	CORP BOND ETF	
316188 20 0	FIDELITY MERRIMACK STR TR	LTD TRM BD ETF	
316188 30 9 *	FIDELITY MERRIMACK STR TR	TOTAL BD ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 265

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
316188 90 9	FIDELITY MERRIMACK STR TR	CALL	
316188 95 9	FIDELITY MERRIMACK STR TR	PUT	
316188 40 8	FIDELITY MERRIMACK STR TR	LOW DURTIN ETF	
316188 60 6	FIDELITY MERRIMACK STR TR	INVESTMENT GR BD	
316188 70 5	FIDELITY MERRIMACK STR TR	INVESTMENT GR SE	
316188 80 4	FIDELITY MERRIMACK STR TR	SUSTAINABLE LOW	
316188 87 9	FIDELITY MERRIMACK STR TR	TACTICAL BOND	ADDED
316188 88 7	FIDELITY MERRIMACK STR TR	SUSTAINABLE CORE	
31620M 10 6 *	FIDELITY NATL INFORMATION SV	COM	
31620M 90 6	FIDELITY NATL INFORMATION SV	CALL	
31620M 95 6	FIDELITY NATL INFORMATION SV	PUT	
31620R 30 3 *	FIDELITY NATIONAL FINANCIAL	FNF GROUP COM	
31620R 90 3	FIDELITY NATIONAL FINANCIAL	CALL	
31620R 95 3	FIDELITY NATIONAL FINANCIAL	PUT	
316500 10 7 *	FIDUS INVT CORP	COM	
316500 90 7	FIDUS INVT CORP	CALL	
316500 95 7	FIDUS INVT CORP	PUT	
31660B 10 1 *	FIESTA RESTAURANT GROUP INC	COM	
31660B 90 1	FIESTA RESTAURANT GROUP INC	CALL	
31660B 95 1	FIESTA RESTAURANT GROUP INC	PUT	
316773 10 0 *	FIFTH THIRD BANCORP	COM	
316773 90 0	FIFTH THIRD BANCORP	CALL	
316773 95 0	FIFTH THIRD BANCORP	PUT	
31738L 10 7 *	FINANCE OF AMERICA COMPAN	COM CL A	
31738L 90 7	FINANCE OF AMERICA COMPAN	CALL	
31738L 95 7	FINANCE OF AMERICA COMPAN	PUT	
31738L 11 5	FINANCE OF AMERICA COMPAN	*W EXP 04/08/202	
317585 40 4 *	FINANCIAL INSTNS INC	COM	
317585 90 4	FINANCIAL INSTNS INC	CALL	
317585 95 4	FINANCIAL INSTNS INC	PUT	
31772T 10 7	FINANCIAL STRATEGIES ACQUI SI	CLASS A COM	
31772T 11 5	FINANCIAL STRATEGIES ACQUI SI	*W EXP 03/31/202	
31772T 12 3	FINANCIAL STRATEGIES ACQUI SI	RIGHT 07/01/2023	
31773D 10 1 *	FINCH THERAPEUTICS GROUP INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 266

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
31773D 90 1	FINCH THERAPEUTICS GROUP INC	CALL	
31773D 95 1	FINCH THERAPEUTICS GROUP INC	PUT	
31788K 10 8 *	FINGERMOTION INC	COM	
31788K 90 8	FINGERMOTION INC	CALL	
31788K 95 8	FINGERMOTION INC	PUT	
31809Y 10 3	FINSERV ACQUISITION CORP II	COM CL A	
31809Y 11 1	FINSERV ACQUISITION CORP II	*W EXP 02/17/202	
31809Y 20 2	FINSERV ACQUISITION CORP II	UNIT 02/17/2026	
31810T 10 1 *	FINVOLUTION GROUP	SPONSORED ADS	
31810T 90 1	FINVOLUTION GROUP	CALL	
31810T 95 1	FINVOLUTION GROUP	PUT	
31812F 10 9	FINWARD BANCORP	COM	
31813A 10 9	FINWISE BANCORP	COM	
318136 10 8	FINTECH ECOSYSTEM DEVE	CLASS A COM	
318136 11 6	FINTECH ECOSYSTEM DEVE	*W EXP 04/01/202	
318136 12 4	FINTECH ECOSYSTEM DEVE	RIGHT 04/01/2026	
318136 20 7	FINTECH ECOSYSTEM DEVE	UNIT 04/01/2026	
31846B 10 8 *	FIRST ADVANTAGE CORP NEW	COM	
31846B 90 8	FIRST ADVANTAGE CORP NEW	CALL	
31846B 95 8	FIRST ADVANTAGE CORP NEW	PUT	
31847R 10 2 *	FIRST AMERN FINL CORP	COM	
31847R 90 2	FIRST AMERN FINL CORP	CALL	
31847R 95 2	FIRST AMERN FINL CORP	PUT	
31866P 10 2 *	FIRST BANCORP INC ME	COM	
31866P 90 2	FIRST BANCORP INC ME	CALL	
31866P 95 2	FIRST BANCORP INC ME	PUT	
318672 70 6 *	FIRST BANCORP P R	COM NEW	
318672 90 6	FIRST BANCORP P R	CALL	
318672 95 6	FIRST BANCORP P R	PUT	
318910 10 6 *	FIRST BANCORP N C	COM	
318910 90 6	FIRST BANCORP N C	CALL	
318910 95 6	FIRST BANCORP N C	PUT	
318916 10 3 *	FIRST BANCSHARES INC MS	COM	
318916 90 3	FIRST BANCSHARES INC MS	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 267

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
318916 95 3	FIRST BANCSHARES INC MS	PUT	
31931U 10 2 *	FIRST BK WILLIAMSTOWN NEW JE	COM	
31931U 90 2	FIRST BK WILLIAMSTOWN NEW JE	CALL	
31931U 95 2	FIRST BK WILLIAMSTOWN NEW JE	PUT	
319383 20 4 *	FIRST BUSEY CORP	COM NEW	
319383 90 4	FIRST BUSEY CORP	CALL	
319383 95 4	FIRST BUSEY CORP	PUT	
319390 10 0 *	FIRST BUSINESS FINL SVCS INC	COM	
319390 90 0	FIRST BUSINESS FINL SVCS INC	CALL	
319390 95 0	FIRST BUSINESS FINL SVCS INC	PUT	
31942S 10 4	FIRST CAP INC	COM	
31946M 10 3 *	FIRST CTZNS BANCSHARES INC N	CL A	
31946M 90 3	FIRST CTZNS BANCSHARES INC N	CALL	
31946M 95 3	FIRST CTZNS BANCSHARES INC N	PUT	
319829 10 7 *	FIRST COMWLTH FINL CORP PA	COM	
319829 90 7	FIRST COMWLTH FINL CORP PA	CALL	
319829 95 7	FIRST COMWLTH FINL CORP PA	PUT	
31983A 10 3 *	FIRST CMNTY BANKSHARES INC V	COM	
31983A 90 3	FIRST CMNTY BANKSHARES INC V	CALL	
31983A 95 3	FIRST CMNTY BANKSHARES INC V	PUT	
319835 10 4	FIRST CMNTY CORP S C	COM	
32020R 10 9 *	FIRST FINL BANKSHARES INC	COM	
32020R 90 9	FIRST FINL BANKSHARES INC	CALL	
32020R 95 9	FIRST FINL BANKSHARES INC	PUT	
320209 10 9 *	FIRST FINL BANCORP OH	COM	
320209 90 9	FIRST FINL BANCORP OH	CALL	
320209 95 9	FIRST FINL BANCORP OH	PUT	
320218 10 0 *	FIRST FINL CORP IND	COM	
320218 90 0	FIRST FINL CORP IND	CALL	
320218 95 0	FIRST FINL CORP IND	PUT	
32022K 10 2 *	FIRST FINANCIAL NORTHWEST IN	COM	
32022K 90 2	FIRST FINANCIAL NORTHWEST IN	CALL	
32022K 95 2	FIRST FINANCIAL NORTHWEST IN	PUT	
32026V 10 4 *	FIRST FNDTN INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 268

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
32026V 90 4	FIRST FNDTN INC	CALL	
32026V 95 4	FIRST FNDTN INC	PUT	
32043P 10 6	FIRST GTY BANCSHARES INC	COM	
32051X 10 8 *	FIRST HAWAIIAN INC	COM	
32051X 90 8	FIRST HAWAIIAN INC	CALL	
32051X 95 8	FIRST HAWAIIAN INC	PUT	
320517 10 5 *	FIRST HORIZON CORPORATION	COM	
320517 90 5	FIRST HORIZON CORPORATION	CALL	
320517 95 5	FIRST HORIZON CORPORATION	PUT	
32054K 10 3 *	FIRST INDL RLTY TR INC	COM	
32054K 90 3	FIRST INDL RLTY TR INC	CALL	
32054K 95 3	FIRST INDL RLTY TR INC	PUT	
32055Y 20 1 *	FIRST INTST BANCSYSTEM INC	COM CL A	
32055Y 90 1	FIRST INTST BANCSYSTEM INC	CALL	
32055Y 95 1	FIRST INTST BANCSYSTEM INC	PUT	
320551 10 4 *	1STDIBS COM INC	COM	
320551 90 4	1STDIBS COM INC	CALL	
320551 95 4	1STDIBS COM INC	PUT	
320557 10 1 *	FIRST INTERNET BANCORP	COM	
320557 90 1	FIRST INTERNET BANCORP	CALL	
320557 95 1	FIRST INTERNET BANCORP	PUT	
320703 10 1	FIRST LT ACQUISITION GROUP I	CL A	
320703 11 9	FIRST LT ACQUISITION GROUP I	*W EXP 03/14/202	
320703 20 0	FIRST LT ACQUISITION GROUP I	UNIT 99/99/9999	
320734 10 6 *	FIRST LONG IS CORP	COM	
320734 90 6	FIRST LONG IS CORP	CALL	
320734 95 6	FIRST LONG IS CORP	PUT	
32076V AD 5	FIRST MAJESTIC SILVER CORP	NOTE 0.375% 1/1	
32076V 10 3 *	FIRST MAJESTIC SILVER CORP	COM	
32076V 90 3	FIRST MAJESTIC SILVER CORP	CALL	
32076V 95 3	FIRST MAJESTIC SILVER CORP	PUT	
320817 10 9 *	FIRST MERCHANTS CORP	COM	
320817 90 9	FIRST MERCHANTS CORP	CALL	
320817 95 9	FIRST MERCHANTS CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 269

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
320866 10 6 *	FIRST MID ILL BANCSHARES INC	COM	
320866 90 6	FIRST MID ILL BANCSHARES INC	CALL	
320866 95 6	FIRST MID ILL BANCSHARES INC	PUT	
32106V 10 7	FIRST NATL CORP	COM	
335834 10 7	FIRST NORTHWEST BANCORP	COM	
33616C 10 0 *	FIRST REP BK SAN FRANCISCO C	COM	
33616C 90 0	FIRST REP BK SAN FRANCISCO C	CALL	
33616C 95 0	FIRST REP BK SAN FRANCISCO C	PUT	
336169 10 7	FIRST RESERVE SUSTAINABLE GW	CLASS A COM	DELETED
336169 11 5	FIRST RESERVE SUSTAINABLE GW	*W EXP 03/05/202	DELETED
336169 20 6	FIRST RESERVE SUSTAINABLE GW	UNIT 03/05/2026	DELETED
33621E 10 9	FIRST SVGS FINL GROUP INC	COM	
33631F 10 4	FIRST SEACOAST BANCORP INC	COM	ADDED
33631P 10 2	FIRST SEACOAST BANCORP	COM	DELETED
336433 10 7 *	FIRST SOLAR INC	COM	
336433 90 7	FIRST SOLAR INC	CALL	
336433 95 7	FIRST SOLAR INC	PUT	
336901 10 3 *	1ST SOURCE CORP	COM	
336901 90 3	1ST SOURCE CORP	CALL	
336901 95 3	1ST SOURCE CORP	PUT	
336917 10 9 *	FIRST TR MORNINGSTAR DIVID L	SHS	
336917 90 9	FIRST TR MORNINGSTAR DIVID L	CALL	
336917 95 9	FIRST TR MORNINGSTAR DIVID L	PUT	
336920 10 3 *	FIRST TR EXCHANGE TRADED FD	US EQTY OPPT ETF	
336920 90 3	FIRST TR EXCHANGE TRADED FD	CALL	
336920 95 3	FIRST TR EXCHANGE TRADED FD	PUT	
33718M 10 5	FIRST TR DOW JONES SELECT MI	COM SHS ANNUAL	
33718W 10 3	FIRST TR INTER DURATN PFD &	COM	
33719L 10 6 *	FIRST TR EXCHANGE-TRADED FD	NASDAQ LUX DIGI	
33719L 90 6	FIRST TR EXCHANGE-TRADED FD	CALL	
33719L 95 6	FIRST TR EXCHANGE-TRADED FD	PUT	
337318 10 9	FIRST TR ENHANCED EQUITY INC	COM	
337319 10 7	FIRST TR ABRDN GBL OPP INCM	COM SHS	
33733A 10 2	FIRST TR EXCHANGE TRADED FD	CHINDIA ETF	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 270

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33733A 20 1 *	FIRST TR EXCHANGE TRADED FD	DOW 30 EQL WGT	
33733A 90 1	FIRST TR EXCHANGE TRADED FD	CALL	
33733A 95 1	FIRST TR EXCHANGE TRADED FD	PUT	
33733B 10 0 *	FIRST TR EXCHANGE TRADED FD	WTR ETF	
33733B 90 0	FIRST TR EXCHANGE TRADED FD	CALL	
33733B 95 0	FIRST TR EXCHANGE TRADED FD	PUT	
33733C 10 8 *	FIRST TR MULTI CP VAL ALPHA	SHS ISSUED FRST	
33733C 90 8	FIRST TR MULTI CP VAL ALPHA	CALL	
33733C 95 8	FIRST TR MULTI CP VAL ALPHA	PUT	
33733E 10 4 *	FIRST TR EXCHANGE-TRADED FD	CAP STRENGTH ETF	
33733E 90 4	FIRST TR EXCHANGE-TRADED FD	CALL	
33733E 95 4	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 20 3 *	FIRST TR EXCHANGE-TRADED FD	NY ARCA BIOTECH	
33733E 90 3	FIRST TR EXCHANGE-TRADED FD	CALL	
33733E 95 3	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 30 2 *	FIRST TR EXCHANGE-TRADED FD	DJ INTERNT IDX	
33733E 90 2	FIRST TR EXCHANGE-TRADED FD	CALL	
33733E 95 2	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 40 1 *	FIRST TR EXCHANGE-TRADED FD	NASDAQ 100 EX	
33733E 90 1	FIRST TR EXCHANGE-TRADED FD	CALL	
33733E 95 1	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 50 0 *	FIRST TR EXCHANGE-TRADED FD	NAS CLNEDG GREEN	
33733E 90 0	FIRST TR EXCHANGE-TRADED FD	CALL	
33733E 95 0	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 70 8	FIRST TR EXCHANGE-TRADED FD	DIVIDEND STRNGTH	
33733E 80 7 *	FIRST TR EXCHANGE-TRADED FD	NAT GAS ETF	
33733E 90 7	FIRST TR EXCHANGE-TRADED FD	CALL	
33733E 95 7	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 81 5	FIRST TR EXCHANGE-TRADED FD	BLOOMBERG INFLAT	ADDED
33733E 82 3	FIRST TR EXCHANGE-TRADED FD	GROWTH STRENGTH	
33733E 83 1	FIRST TR EXCHANGE-TRADED FD	INDXX AEROSPACE	
33733E 84 9	FIRST TR EXCHANGE-TRADED FD	CBOE VEST GLD ST	
33733E 85 6 *	FIRST TR EXCHANGE-TRADED FD	FT CBOE VEST GLD	
33733E 90 6	FIRST TR EXCHANGE-TRADED FD	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 271

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
33733E 95 6	FIRST TR EXCHANGE-TRADED FD	PUT	
33733E 87 2	FIRST TR EXCHANGE-TRADED FD	LUNT US FACTOR	
33733F 10 1 *	FIRST TR MULTI CAP GROWTH AL	COM SHS	
33733F 90 1	FIRST TR MULTI CAP GROWTH AL	CALL	
33733F 95 1	FIRST TR MULTI CAP GROWTH AL	PUT	
33733G 10 9	FIRST TR SPECIALTY FIN & FIN	COM BEN INTR	
33733H 10 7	FIRST TR BICK INDEX FD	COM SHS	
33733U 10 8	FIRST TR SR FLTG RATE INCOME	COM	
33734E 10 3	FIRST TR MTG INCOME FD	COM SHS	
33734G 10 8 *	FIRST TR S&P REIT INDEX FD	COM	
33734G 90 8	FIRST TR S&P REIT INDEX FD	CALL	
33734G 95 8	FIRST TR S&P REIT INDEX FD	PUT	
33734H 10 6 *	FIRST TR VALUE LINE DIVID IN	SHS	
33734H 90 6	FIRST TR VALUE LINE DIVID IN	CALL	
33734H 95 6	FIRST TR VALUE LINE DIVID IN	PUT	
33734K 10 9 *	FIRST TR LRGE CP CORE ALPHA	COM SHS	
33734K 90 9	FIRST TR LRGE CP CORE ALPHA	CALL	
33734K 95 9	FIRST TR LRGE CP CORE ALPHA	PUT	
33734X 10 1 *	FIRST TR EXCHANGE TRADED FD	CONSUMR DISCRE	
33734X 90 1	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 1	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 11 9 *	FIRST TR EXCHANGE TRADED FD	CONSUMR STAPLE	
33734X 90 9	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 9	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 12 7 *	FIRST TR EXCHANGE TRADED FD	ENERGY ALPHADX	
33734X 90 7	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 7	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 13 5 *	FIRST TR EXCHANGE TRADED FD	FINLS ALPHADIX	
33734X 90 5	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 5	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 14 3 *	FIRST TR EXCHANGE TRADED FD	HLTH CARE ALPH	
33734X 90 3	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 3	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 15 0 *	FIRST TR EXCHANGE TRADED FD	INDLS PROD DUR	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 272

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33734X 90 0	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 0	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 16 8 *	FIRST TR EXCHANGE	TRADED FD MATERIALS ALPH	
33734X 90 8	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 8	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 17 6 *	FIRST TR EXCHANGE	TRADED FD TECH ALPHADEX	
33734X 90 6	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 6	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 18 4 *	FIRST TR EXCHANGE	TRADED FD UTILITIES ALPH	
33734X 90 4	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 4	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 19 2 *	FIRST TR EXCHANGE	TRADED FD CLOUD COMPUTING	
33734X 90 2	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 2	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 20 0 *	FIRST TR EXCHANGE	TRADED FD DJ GLBL DIVID	
33734X 90 0	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 0	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 30 9 *	FIRST TR EXCHANGE	TRADED FD S NETWRK FUT VEH	
33734X 90 9	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 9	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 75 4	FIRST TR EXCHANGE	TRADED FD BLOOMBERG EMMKT	ADDED
33734X 76 2 *	FIRST TR EXCHANGE	TRADED FD INDXX METAVERSE	
33734X 90 2	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 2	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 77 0 *	FIRST TR EXCHANGE	TRADED FD DJ INTL INTRNT	
33734X 90 0	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 0	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 78 8	FIRST TR EXCHANGE	TRADED FD IPOX EUROPE EQ	
33734X 81 2 *	FIRST TR EXCHANGE	TRADED FD INDXX GLOBAL AGR	
33734X 90 2	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 2	FIRST TR EXCHANGE	TRADED FD PUT	
33734X 83 8 *	FIRST TR EXCHANGE	TRADED FD INDXX NAT RE ETF	
33734X 90 8	FIRST TR EXCHANGE	TRADED FD CALL	
33734X 95 8	FIRST TR EXCHANGE	TRADED FD PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 273

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33734X 84 6 *	FIRST TR EXCHANGE TRADED FD	NASDAQ CYB ETF	
33734X 90 6	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 6	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 85 3 *	FIRST TR EXCHANGE TRADED FD	INTL EQUITY OPP	
33734X 90 3	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 3	FIRST TR EXCHANGE TRADED FD	PUT	
33734Y 10 9 *	FIRST TR SML CP CORE ALPHA F	COM SHS	
33734Y 90 9	FIRST TR SML CP CORE ALPHA F	CALL	
33734Y 95 9	FIRST TR SML CP CORE ALPHA F	PUT	
337344 10 5 *	FIRST TR NAS100 EQ WEIGHTED	SHS	
337344 90 5	FIRST TR NAS100 EQ WEIGHTED	CALL	
337344 95 5	FIRST TR NAS100 EQ WEIGHTED	PUT	
337345 10 2 *	FIRST TR NASDAQ 100 TECH IND	SHS	
337345 90 2	FIRST TR NASDAQ 100 TECH IND	CALL	
337345 95 2	FIRST TR NASDAQ 100 TECH IND	PUT	
33735B 10 8 *	FIRST TR MID CAP CORE ALPHAD	COM SHS	
33735B 90 8	FIRST TR MID CAP CORE ALPHAD	CALL	
33735B 95 8	FIRST TR MID CAP CORE ALPHAD	PUT	
33735J 10 1 *	FIRST TR LRG CP VL ALPHAD	COM SHS	
33735J 90 1	FIRST TR LRG CP VL ALPHAD	CALL	
33735J 95 1	FIRST TR LRG CP VL ALPHAD	PUT	
33735K 10 8 *	FIRST TRUST LRGCP GWT ALPHAD	COM SHS	
33735K 90 8	FIRST TRUST LRGCP GWT ALPHAD	CALL	
33735K 95 8	FIRST TRUST LRGCP GWT ALPHAD	PUT	
33735T 10 9 *	FIRST TR STOXX EUROPEAN SELE	COMMON SHS	
33735T 90 9	FIRST TR STOXX EUROPEAN SELE	CALL	
33735T 95 9	FIRST TR STOXX EUROPEAN SELE	PUT	
33736G 10 6 *	FIRST TR EXCHANGE-TRADED FD	GBL WND ENRG ETF	
33736G 90 6	FIRST TR EXCHANGE-TRADED FD	CALL	
33736G 95 6	FIRST TR EXCHANGE-TRADED FD	PUT	
33736M 10 3 *	FIRST TR EXCHANGE-TRADED FD	ALERIAN US NXTGN	
33736M 90 3	FIRST TR EXCHANGE-TRADED FD	CALL	
33736M 95 3	FIRST TR EXCHANGE-TRADED FD	PUT	
33736N 10 1	FIRST TR FTSE EPRA / NAREIT	ALERIAN DISRUPT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 274

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33736Q 10 4 *	FIRST TR NASDAQ ABA CMNTY BK	UT COM SHS ETF	
33736Q 90 4	FIRST TR NASDAQ ABA CMNTY BK	CALL	
33736Q 95 4	FIRST TR NASDAQ ABA CMNTY BK	PUT	
33737A 10 8 *	FIRST TR EXCHANGE TRADED FD	NASDQ CLN EDGE	
33737A 90 8	FIRST TR EXCHANGE TRADED FD	CALL	
33737A 95 8	FIRST TR EXCHANGE TRADED FD	PUT	
33737J 10 9	FIRST TR EXCH TRD ALPHDX FD	ASIA EX JAPAN	
33737J 11 7 *	FIRST TR EXCH TRD ALPHDX FD	EUROPE ALPHADEX	
33737J 90 7	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 7	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 12 5	FIRST TR EXCH TRD ALPHDX FD	LATIN AMER ALP	
33737J 13 3 *	FIRST TR EXCH TRD ALPHDX FD	BRAZIL ALPHADEX	
33737J 90 3	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 3	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 14 1 *	FIRST TR EXCH TRD ALPHDX FD	CHINA ALPHADEX	
33737J 90 1	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 1	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 15 8 *	FIRST TR EXCH TRD ALPHDX FD	JAPAN ALPHADEX	
33737J 90 8	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 8	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 17 4 *	FIRST TR EXCH TRD ALPHDX FD	DEV MRK EX US	
33737J 90 4	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 4	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 18 2 *	FIRST TR EXCH TRD ALPHDX FD	EMERG MKT ALPH	
33737J 90 2	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 2	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 19 0 *	FIRST TR EXCH TRD ALPHDX FD	GERMANY ALPHA	
33737J 90 0	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 0	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 22 4	FIRST TR EXCH TRD ALPHDX FD	UNIT KING ALPH	
33737J 23 2 *	FIRST TR EXCH TRD ALPHDX FD	SWITZLND ALPHA	
33737J 90 2	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 2	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 30 7 *	FIRST TR EXCH TRD ALPHDX FD	EM SML CP ALPH	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 275

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33737J 90 7	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 7	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 40 6	FIRST TR EXCH TRD ALPHDX FD	EX US SML CP	
33737J 50 5 *	FIRST TR EXCH TRD ALPHDX FD	EURO ALPHADEX	
33737J 90 5	FIRST TR EXCH TRD ALPHDX FD	CALL	
33737J 95 5	FIRST TR EXCH TRD ALPHDX FD	PUT	
33737J 80 2	FIRST TR EXCH TRD ALPHDX FD	INDIA NIFTY50 EQW	
33737K 20 5 *	FIRST TR EXCHANGE TRADED FD	INDXX NEXTG ETF	
33737K 90 5	FIRST TR EXCHANGE TRADED FD	CALL	
33737K 95 5	FIRST TR EXCHANGE TRADED FD	PUT	
33737M 10 2 *	FIRST TR EXCHANGE-TRADED ALP	MID CP GR ALPH	
33737M 90 2	FIRST TR EXCHANGE-TRADED ALP	CALL	
33737M 95 2	FIRST TR EXCHANGE-TRADED ALP	PUT	
33737M 20 1 *	FIRST TR EXCHANGE-TRADED ALP	MID CAP VAL FD	
33737M 90 1	FIRST TR EXCHANGE-TRADED ALP	CALL	
33737M 95 1	FIRST TR EXCHANGE-TRADED ALP	PUT	
33737M 30 0 *	FIRST TR EXCHANGE-TRADED ALP	SML CP GRW ALP	
33737M 90 0	FIRST TR EXCHANGE-TRADED ALP	CALL	
33737M 95 0	FIRST TR EXCHANGE-TRADED ALP	PUT	
33737M 40 9 *	FIRST TR EXCHANGE-TRADED ALP	SML CAP VAL ALPH	
33737M 90 9	FIRST TR EXCHANGE-TRADED ALP	CALL	
33737M 95 9	FIRST TR EXCHANGE-TRADED ALP	PUT	
33738C 10 3	FIRST TR ENERGY INFRASTRCTR	COM	
33738D 10 1 *	FIRST TR EXCHANGE-TRADED FD	NO AMER ENERGY	
33738D 90 1	FIRST TR EXCHANGE-TRADED FD	CALL	
33738D 95 1	FIRST TR EXCHANGE-TRADED FD	PUT	
33738D 30 9 *	FIRST TR EXCHANGE-TRADED FD	SENIOR LN FD	
33738D 90 9	FIRST TR EXCHANGE-TRADED FD	CALL	
33738D 95 9	FIRST TR EXCHANGE-TRADED FD	PUT	
33738D 40 8	FIRST TR EXCHANGE-TRADED FD	FIRST TR TA HIYL	
33738D 60 6	FIRST TR EXCHANGE-TRADED FD	LNG DUR OPRTUN	
33738D 70 5 *	FIRST TR EXCHANGE-TRADED FD	EIP CARBON IMP	
33738D 90 5	FIRST TR EXCHANGE-TRADED FD	CALL	
33738D 95 5	FIRST TR EXCHANGE-TRADED FD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 276

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33738D 80 4	FIRST TR EXCHANGE-TRADED FD	LIMITED DURATION	
33738D 87 9	FIRST TR EXCHANGE-TRADED FD	CBOE VEST RISING	
33738E 10 9	FIRST TR HIGH INCOME LONG /	COM	
33738G 10 4	FIRST TR ENERGY INCOME & GRO	COM	
33738R 10 0 *	FIRST TR EXCHANGE-TRADED FD	MULTI ASSET DI	
33738R 90 0	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 0	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 11 8 *	FIRST TR EXCHANGE-TRADED FD	NASD TECH DIV	
33738R 90 8	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 8	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 30 8 *	FIRST TR EXCHANGE-TRADED FD	BUYWRIT INCM ETF	
33738R 90 8	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 8	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 40 7	FIRST TR EXCHANGE-TRADED FD	NASDAQ BUYWRITE	
33738R 50 6 *	FIRST TR EXCHANGE-TRADED FD	RISNG DIVD ACHIV	
33738R 90 6	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 6	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 60 5 *	FIRST TR EXCHANGE-TRADED FD	DORSEY WRT 5 ETF	
33738R 90 5	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 5	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 63 9 *	FIRST TR EXCHANGE-TRADED FD	INDXX GBL MED	
33738R 90 9	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 9	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 64 7 *	FIRST TR EXCHANGE-TRADED FD	S NETWORK STREAM	
33738R 90 7	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 7	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 66 2	FIRST TR EXCHANGE-TRADED FD	INTL DEV STRNGTH	
33738R 68 8 *	FIRST TR EXCHANGE-TRADED FD	S&P INTL DIVID	
33738R 90 8	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 8	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 69 6	FIRST TR EXCHANGE-TRADED FD	DORSEYWRIGHT MOM	
33738R 70 4 *	FIRST TR EXCHANGE-TRADED FD	RBA INDL ETF	
33738R 90 4	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 4	FIRST TR EXCHANGE-TRADED FD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 277

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33738R 71 2	FIRST TR EXCHANGE-TRADED FD	DORSEYWRGT ETF	
33738R 72 0 *	FIRST TR EXCHANGE-TRADED FD	NASDQ ARTFCIAL	
33738R 90 0	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 0	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 73 8	FIRST TR EXCHANGE-TRADED FD	US EQTY DIVI	
33738R 74 6	FIRST TR EXCHANGE-TRADED FD	SMAL CP US EQT	
33738R 75 3	FIRST TR EXCHANGE-TRADED FD	MID CAP US EQT	
33738R 76 1	FIRST TR EXCHANGE-TRADED FD	LARGE CP US EQ	
33738R 77 9	FIRST TR EXCHANGE-TRADED FD	EMERGING MKTS	
33738R 78 7	FIRST TR EXCHANGE-TRADED FD	DEVELOPED INTL	
33738R 79 5 *	FIRST TR EXCHANGE-TRADED FD	NASDAQ TRANSN	
33738R 90 5	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 5	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 81 1 *	FIRST TR EXCHANGE-TRADED FD	NASDQ SEMCNDTR	
33738R 90 1	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 1	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 82 9 *	FIRST TR EXCHANGE-TRADED FD	S NETWRK E-COM	
33738R 90 9	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 9	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 83 7 *	FIRST TR EXCHANGE-TRADED FD	NASDQ PHRMTCLS	
33738R 90 7	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 7	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 84 5 *	FIRST TR EXCHANGE-TRADED FD	NASDQ OIL GAS	
33738R 90 5	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 5	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 85 2 *	FIRST TR EXCHANGE-TRADED FD	NASDQ FOD BVRG	
33738R 90 2	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 2	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 86 0 *	FIRST TR EXCHANGE-TRADED FD	NASDAQ BK ETF	
33738R 90 0	FIRST TR EXCHANGE-TRADED FD	CALL	
33738R 95 0	FIRST TR EXCHANGE-TRADED FD	PUT	
33738R 87 8	FIRST TR EXCHANGE-TRADED FD	DORSEY WRIGHT	
33738R 88 6 *	FIRST TR EXCHANGE-TRADED FD	DORSEY WRIGHT	
33738R 90 6	FIRST TR EXCHANGE-TRADED FD	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 278

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
33738R 95 6	FIRST TR EXCHANGE-TRADED FD	PUT	
33739B 10 4	FIRST TR MLP & ENERGY INCOM	COM	
33739E 10 8 *	FIRST TR EXCH TRADED FD III	PFD SECS INC ETF	
33739E 90 8	FIRST TR EXCH TRADED FD III	CALL	
33739E 95 8	FIRST TR EXCH TRADED FD III	PUT	
33739G 10 3	FIRST TR EXCHANGE-TRADED FD	MNGD FUTRS STRGY	
33739H 10 1 *	FIRST TR EXCHANGE TRAD FD VI	FST TR GLB FD	
33739H 90 1	FIRST TR EXCHANGE TRAD FD VI	CALL	
33739H 95 1	FIRST TR EXCHANGE TRAD FD VI	PUT	
33739M 10 0	FST TR NEW OPPORT MLP & ENE	COM	
33739N 10 8	FIRST TR EXCH TRADED FD III	MANAGD MUN ETF	
33739P 10 3	FIRST TR EXCH TRADED FD III	LNG/SHT EQUITY	
33739P 20 2	FIRST TR EXCH TRADED FD III	EME MRK BD ETF	
33739P 30 1	FIRST TR EXCH TRADED FD III	MUNI HI INCM ETF	
33739P 60 8	FIRST TR EXCH TRADED FD III	RIVRFRNT DYN DEV	
33739P 70 7	FIRST TR EXCH TRADED FD III	RIVR FRNT DYN	
33739P 80 6	FIRST TR EXCH TRADED FD III	RIVRFRNT DYN EUR	
33739P 82 2	FIRST TR EXCH TRADED FD III	NEW YORK MUNI	
33739P 83 0	FIRST TR EXCH TRADED FD III	SHRT DUR MNG MUN	
33739P 85 5	FIRST TR EXCH TRADED FD III	INSTL PFD SECS	
33739P 86 3	FIRST TR EXCH TRADED FD III	CALIF MUN INCM	
33739P 87 1	FIRST TR EXCH TRADED FD III	HORIZON MNGD ETF	
33739P 88 9	FIRST TR EXCH TRADED FD III	HORIZON DMST ETF	
33739Q 20 0 *	FIRST TR EXCHANGE-TRADED FD	FST LOW OPPT EFT	
33739Q 90 0	FIRST TR EXCHANGE-TRADED FD	CALL	
33739Q 95 0	FIRST TR EXCHANGE-TRADED FD	PUT	
33739Q 30 9	FIRST TR EXCHANGE-TRADED FD	HIGH INCM STRGC	
33739Q 40 8 *	FIRST TR EXCHANGE-TRADED FD	FIRST TR ENH NEW	
33739Q 90 8	FIRST TR EXCHANGE-TRADED FD	CALL	
33739Q 95 8	FIRST TR EXCHANGE-TRADED FD	PUT	
33739Q 50 7	FIRST TR EXCHANGE-TRADED FD	SSI STRG ETF	
33739Q 70 5	FIRST TR EXCHANGE-TRADED FD	FT CBOE VEST S&P	
33739Q 80 4	FIRST TR EXCHANGE-TRADED FD	ENERGY INM PARTN	
33740D 10 7	FIRST TR DYNAMIC EUROPE EQUI	COM SHS	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 279

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33740F 40 9	FIRST TR EXCHNG TRADED FD VI	INCOME OPPRTNTES	
33740F 47 4	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST US	ADDED
33740F 48 2	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST US	ADDED
33740F 49 0	FIRST TR EXCHNG TRADED FD VI	MULTI STRATEGY	ADDED
33740F 50 8	FIRST TR EXCHNG TRADED FD VI	FLEXIBL MUN HIGH	
33740F 51 6	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	ADDED
33740F 54 0 *	FIRST TR EXCHNG TRADED FD VI	SKYBRIDGE CRYPTO	
33740F 90 0	FIRST TR EXCHNG TRADED FD VI	CALL	
33740F 95 0	FIRST TR EXCHNG TRADED FD VI	PUT	
33740F 55 7	FIRST TR EXCHNG TRADED FD VI	CBOE VEST NAS100	
33740F 56 5	FIRST TR EXCHNG TRADED FD VI	INNOVATION LEAD	
33740F 57 3	FIRST TR EXCHNG TRADED FD VI	FT CBOE VST INTL	
33740F 58 1	FIRST TR EXCHNG TRADED FD VI	CBOE VEST NAS100	
33740F 59 9	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST MAR	
33740F 60 7	FIRST TR EXCHNG TRADED FD VI	EQUITYCOMPASS	
33740F 61 5	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST US	
33740F 62 3	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST BFR	
33740F 63 1	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740F 64 9	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST 100	
33740F 65 6	FIRST TR EXCHNG TRADED FD VI	FT CBOE INTL EQT	
33740F 66 4	FIRST TR EXCHNG TRADED FD VI	VEST US EQTY BUF	
33740F 67 2	FIRST TR EXCHNG TRADED FD VI	VEST US EQT DEP	
33740F 68 0	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST US	
33740F 69 8	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740F 71 4	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740F 72 2	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740F 73 0	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQ	
33740F 74 8	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US BUF	
33740F 75 5	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQ	
33740F 76 3	FIRST TR EXCHNG TRADED FD VI	US EQT BUFFER	
33740F 77 1	FIRST TR EXCHNG TRADED FD VI	US EQT DEEP DUFR	
33740F 78 9	FIRST TR EXCHNG TRADED FD VI	MLT MNGD LRG GRW	
33740F 79 7	FIRST TR EXCHNG TRADED FD VI	ACTV FCTR SMCP	
33740F 80 5 *	FIRST TR EXCHNG TRADED FD VI	TCW OPPORTUNIS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 280

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33740F 90 5	FIRST TR EXCHNG TRADED FD VI	CALL	
33740F 95 5	FIRST TR EXCHNG TRADED FD VI	PUT	
33740F 81 3	FIRST TR EXCHNG TRADED FD VI	ACTV FCTR MDCP	
33740F 82 1	FIRST TR EXCHNG TRADED FD VI	ACTV FCTR LGCP	
33740F 83 9	FIRST TR EXCHNG TRADED FD VI	CBOE EQT DEP NOV	
33740F 84 7	FIRST TR EXCHNG TRADED FD VI	CBOE EQT BUFER	
33740F 85 4	FIRST TR EXCHNG TRADED FD VI	VEST US DEEP	
33740F 86 2	FIRST TR EXCHNG TRADED FD VI	VEST US BUFFER	
33740F 87 0	FIRST TR EXCHNG TRADED FD VI	LOW DUR STRTGC	
33740F 88 8	FIRST TR EXCHNG TRADED FD VI	TCW UNCONSTRAI	
33740J 10 4	FIRST TR EXCH TRADED FD III	ULTRA SHT DUR MU	
33740J 20 3	FIRST TR EXCH TRADED FD III	MERGER ARBITRA	
33740U 10 9	FIRST TR EXCHNG TRADED FD VI	TCW SECURITIZED	
33740U 20 8	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740U 30 7	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST US	
33740U 40 6	FIRST TR EXCHNG TRADED FD VI	FT CBOE DEEP BFR	
33740U 50 5	FIRST TR EXCHNG TRADED FD VI	FT CBOE EQTY BFR	
33740U 60 4	FIRST TR EXCHNG TRADED FD VI	TCW EMERGING MKT	
33740U 70 3	FIRST TR EXCHNG TRADED FD VI	CBOE VEST FD DEP	
33740U 73 7	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	ADDED
33740U 75 2	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST FD	
33740U 76 0	FIRST TR EXCHNG TRADED FD VI	CBOE VEST BUFERD	
33740U 77 8	FIRST TR EXCHNG TRADED FD VI	CBOE VEST BUFERD	
33740U 78 6	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740U 79 4	FIRST TR EXCHNG TRADED FD VI	MULTI MGR SML CP	
33740U 80 2	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US DEP	
33740U 81 0	FIRST TR EXCHNG TRADED FD VI	CBOE VEST U S EQ	
33740U 82 8	FIRST TR EXCHNG TRADED FD VI	CBOE VEST INTL	
33740U 83 6	FIRST TR EXCHNG TRADED FD VI	CBOE VEST NAS100	
33740U 84 4	FIRST TR EXCHNG TRADED FD VI	FT CBOE VEST US	
33740U 85 1 *	FIRST TR EXCHNG TRADED FD VI	EXPANDED TECHNOL	
33740U 90 1	FIRST TR EXCHNG TRADED FD VI	CALL	
33740U 95 1	FIRST TR EXCHNG TRADED FD VI	PUT	
33740U 86 9	FIRST TR EXCHNG TRADED FD VI	CBOE VEST INTL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 281

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33740U 88 5	FIRST TR EXCHNG TRADED FD VI	CBOE VEST US EQT	
33740Y 10 1	FIRST TR EXCHANGE TRAD FD VI	ALT ABSLT STRG	
33741H 10 7	FIRST UTD CORP	COM	
33741L 10 8 *	FIRST TR EXCHANGE-TRADED FD	DORSY WR MOMNT	
33741L 90 8	FIRST TR EXCHANGE-TRADED FD	CALL	
33741L 95 8	FIRST TR EXCHANGE-TRADED FD	PUT	
33741L 20 7	FIRST TR EXCHANGE-TRADED FD	DORSY WRGH VLU	
33741Q 10 7	FIRST TR HIGH YIELD OPPRT 20	COM	
33741X 10 2 *	FIRST TR EXCHANGE-TRADED FD	SMID RISNG ETF	
33741X 90 2	FIRST TR EXCHANGE-TRADED FD	CALL	
33741X 95 2	FIRST TR EXCHANGE-TRADED FD	PUT	
33741X 20 1 *	FIRST TR EXCHANGE-TRADED FD	INDXX INOVTV ETF	
33741X 90 1	FIRST TR EXCHANGE-TRADED FD	CALL	
33741X 95 1	FIRST TR EXCHANGE-TRADED FD	PUT	
33741Y 10 0	FIRST TR EXCH TRADED FD III	HORIZON VOL SMCP	
33744V 10 3	FIRST US BANCSHARES INC	COM	
33748L 10 1 *	FIRST WATCH RESTAURANT GROUP	COM	
33748L 90 1	FIRST WATCH RESTAURANT GROUP	CALL	
33748L 95 1	FIRST WATCH RESTAURANT GROUP	PUT	
33749P 20 0	FIRST WAVE BIOPHARMA INC	COM	DELETED
33749P 30 9	FIRST WAVE BIOPHARMA INC	COM	ADDED
33751L 10 5	FIRST WESTN FINL INC	COM	
337655 10 4	FISCALNOTE HOLDINGS INC	COM CL A	
337655 11 2	FISCALNOTE HOLDINGS INC	*W EXP 07/29/202	
33766Y 10 0 *	FIRSTHAND TECHNOLOGY VALUE F	COM	
33766Y 90 0	FIRSTHAND TECHNOLOGY VALUE F	CALL	
33766Y 95 0	FIRSTHAND TECHNOLOGY VALUE F	PUT	
33767E 20 2 *	FIRSTSERVICE CORP NEW	COM	
33767E 90 2	FIRSTSERVICE CORP NEW	CALL	
33767E 95 2	FIRSTSERVICE CORP NEW	PUT	
33768G 10 7 *	FIRSTCASH HOLDINGS INC	COM	
33768G 90 7	FIRSTCASH HOLDINGS INC	CALL	
33768G 95 7	FIRSTCASH HOLDINGS INC	PUT	
337738 10 8 *	FISERV INC	COM	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 282

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
337738 90 8	FISERV INC	CALL	
337738 95 8	FISERV INC	PUT	
337932 10 7 *	FIRSTENERGY CORP	COM	
337932 90 7	FIRSTENERGY CORP	CALL	
337932 95 7	FIRSTENERGY CORP	PUT	
33813J 10 6 *	FISKER INC	CL A COM STK	
33813J 90 6	FISKER INC	CALL	
33813J 95 6	FISKER INC	PUT	
33829M 10 1 *	FIVE BELOW INC	COM	
33829M 90 1	FIVE BELOW INC	CALL	
33829M 95 1	FIVE BELOW INC	PUT	
33830Q 10 9 *	5E ADVANCED MATERIALS INC	COMMON STOCK	
33830Q 90 9	5E ADVANCED MATERIALS INC	CALL	
33830Q 95 9	5E ADVANCED MATERIALS INC	PUT	
33830T 10 3	FIVE STAR BANCORP	COM	
338307 AB 7	FIVE9 INC	NOTE 0.125% 5/0	
338307 AD 3	FIVE9 INC	NOTE 0.500% 6/0	
338307 10 1 *	FIVE9 INC	COM	
338307 90 1	FIVE9 INC	CALL	
338307 95 1	FIVE9 INC	PUT	
33832D 20 5 *	ALERISLIFE INC	COM NEW	DELETED
33832D 90 5	ALERISLIFE INC	CALL	DELETED
33832D 95 5	ALERISLIFE INC	PUT	DELETED
33833Q 10 6 *	FIVE POINT HOLDINGS LLC	COM CL A	
33833Q 90 6	FIVE POINT HOLDINGS LLC	CALL	
33833Q 95 6	FIVE POINT HOLDINGS LLC	PUT	
33835L AA 3	FIVERR INTL LTD	NOTE 11/0	
338478 10 0	FLAHERTY & CRUMRINE PFD SECS	COM	
338479 10 8	FLAHERTY & CRUMRINE TOTAL RE	COM	
33848E 10 6	FLAHERTY & CRUMRINE PFD INCO	COM	
33848W 10 6	FLAHERTY & CRUMRINE DYNAMIC	SHS	
338480 10 6	FLAHERTY & CRUMRINE PFD INCO	COM	
33850F 10 8	FLAME ACQUISITION CORP	COM CL A	
33850F 11 6	FLAME ACQUISITION CORP	*W EXP 02/26/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 283

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33850F 20 7	FLAME ACQUISITION CORP	UNIT 99/99/9999	
338517 10 5	FLANIGANS ENTERPRISES INC	COM	
339041 10 5 *	FLEETCOR TECHNOLOGIES INC	COM	
339041 90 5	FLEETCOR TECHNOLOGIES INC	CALL	
339041 95 5	FLEETCOR TECHNOLOGIES INC	PUT	
33938T 10 4	FLEXIBLE SOLUTIONS INTL INC	COM	
339382 10 3	FLEXSTEEL INDS INC	COM	
33939J 30 3	FLEXSHOPPER INC	COM NEW	
33939L 10 0	FLEXSHARES TR	MORNSTAR USMKT	
33939L 30 8	FLEXSHARES TR	MSTAR EMKT FAC	
33939L 40 7 *	FLEXSHARES TR	MORNSTAR UPSTR	
33939L 90 7	FLEXSHARES TR	CALL	
33939L 95 7	FLEXSHARES TR	PUT	
33939L 50 6	FLEXSHARES TR	IBOXX 3R TARGT	
33939L 57 1	FLEXSHARES TR	ESG & CLM INVEST	
33939L 58 9	FLEXSHARES TR	ESG & CM HI YLD	
33939L 59 7	FLEXSHARES TR	ESG & CLM DEVELP	
33939L 60 5	FLEXSHARES TR	IBOXX 5YR TRGT	
33939L 61 3	FLEXSHARES TR	ESG & CLM US LRG	
33939L 62 1	FLEXSHARES TR	ESG & CLIMATE EM	
33939L 63 9	FLEXSHARES TR	EMRG MKT QT LW	
33939L 64 7	FLEXSHARES TR	DEV MRK EX LOW	
33939L 65 4	FLEXSHARES TR	US QT LW VLTY	
33939L 66 2	FLEXSHARES TR	HIG YLD VL ETF	
33939L 67 0	FLEXSHARES TR	CRE SLCT BD FD	
33939L 68 8	FLEXSHARES TR	STOX GBL ESG SLT	
33939L 69 6	FLEXSHARES TR	STOX US ESG SLCT	
33939L 73 8	FLEXSHARES TR	REAL ASST IDX	
33939L 74 6	FLEXSHARES TR	US QUALITY CAP	
33939L 75 3	FLEXSHARES TR	CR SCORED LONG	
33939L 76 1	FLEXSHARES TR	CR SCD US BD	
33939L 77 9	FLEXSHARES TR	DISCP DUR MBS	
33939L 78 7	FLEXSHARES TR	GLB QLT R/E IDX	
33939L 79 5 *	FLEXSHARES TR	STOXX GLOBR INF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 284

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
33939L 90 5	FLEXSHARES TR	CALL	
33939L 95 5	FLEXSHARES TR	PUT	
33939L 80 3	FLEXSHARES TR	M STAR DEV MKT	
33939L 81 1	FLEXSHARES TR	INTL QLTDV DEF	
33939L 82 9	FLEXSHARES TR	INT QLTDVDYNAM	
33939L 83 7 *	FLEXSHARES TR	INTL QLTDV IDX	
33939L 90 7	FLEXSHARES TR	CALL	
33939L 95 7	FLEXSHARES TR	PUT	
33939L 84 5 *	FLEXSHARES TR	QLT DIV DEF IDX	
33939L 90 5	FLEXSHARES TR	CALL	
33939L 95 5	FLEXSHARES TR	PUT	
33939L 85 2	FLEXSHARES TR	QLT DIVDYN IDX	
33939L 86 0 *	FLEXSHARES TR	QUALT DIVD IDX	
33939L 90 0	FLEXSHARES TR	CALL	
33939L 95 0	FLEXSHARES TR	PUT	
33939L 88 6	FLEXSHARES TR	FLEXSHARES ULTRA	
339750 10 1 *	FLOOR & DECOR HLDGS INC	CL A	
339750 90 1	FLOOR & DECOR HLDGS INC	CALL	
339750 95 1	FLOOR & DECOR HLDGS INC	PUT	
339764 10 2	FLORA GROWTH CORP	COM	
343389 10 2 *	FLOTEK INDS INC DEL	COM	
343389 90 2	FLOTEK INDS INC DEL	CALL	
343389 95 2	FLOTEK INDS INC DEL	PUT	
343412 10 2 *	FLUOR CORP NEW	COM	
343412 90 2	FLUOR CORP NEW	CALL	
343412 95 2	FLUOR CORP NEW	PUT	
343498 10 1 *	FLOWERS FOODS INC	COM	
343498 90 1	FLOWERS FOODS INC	CALL	
343498 95 1	FLOWERS FOODS INC	PUT	
34354P 10 5 *	FLOWSERVE CORP	COM	
34354P 90 5	FLOWSERVE CORP	CALL	
34354P 95 5	FLOWSERVE CORP	PUT	
34379V 10 3 *	FLUENCE ENERGY INC	COM CL A	
34379V 90 3	FLUENCE ENERGY INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 285

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
34379V 95 3	FLUENCE ENERGY INC	PUT	
34380C 10 2 *	FLUENT INC	COM	
34380C 90 2	FLUENT INC	CALL	
34380C 95 2	FLUENT INC	PUT	
34385P AA 6	STANDARD BIOTOOLS INC	NOTE 2.750% 2/0	
34385P AC 2	STANDARD BIOTOOLS INC	NOTE 2.750% 2/0	
34385P AF 5	STANDARD BIOTOOLS INC	NOTE 5.250%12/0	
34385P 10 8 *	STANDARD BIOTOOLS INC	COM	
34385P 90 8	STANDARD BIOTOOLS INC	CALL	
34385P 95 8	STANDARD BIOTOOLS INC	PUT	
343873 10 5 *	FLUSHING FINL CORP	COM	
343873 90 5	FLUSHING FINL CORP	CALL	
343873 95 5	FLUSHING FINL CORP	PUT	
344057 30 2 *	FLUX PWR HLDGS INC	COM NEW	
344057 90 2	FLUX PWR HLDGS INC	CALL	
344057 95 2	FLUX PWR HLDGS INC	PUT	
34417J 10 4 *	FOCUS UNVL INC	COM	
34417J 90 4	FOCUS UNVL INC	CALL	
34417J 95 4	FOCUS UNVL INC	PUT	
34417L 10 9	FOCUS IMPACT ACQUISITION COR	CLASS A COM	
34417L 11 7	FOCUS IMPACT ACQUISITION COR	*W EXP 10/28/202	
34417L 20 8	FOCUS IMPACT ACQUISITION COR	UNIT 10/28/2026	
34417P 10 0 *	FOCUS FINL PARTNERS INC	COM CL A	
34417P 90 0	FOCUS FINL PARTNERS INC	CALL	
34417P 95 0	FOCUS FINL PARTNERS INC	PUT	
344174 10 7 *	FOGHORN THERAPEUTICS INC	COM	
344174 90 7	FOGHORN THERAPEUTICS INC	CALL	
344174 95 7	FOGHORN THERAPEUTICS INC	PUT	
344419 10 6 *	FOMENTO ECONOMICO MEXICANO S	SPON ADR UNITS	
344419 90 6	FOMENTO ECONOMICO MEXICANO S	CALL	
344419 95 6	FOMENTO ECONOMICO MEXICANO S	PUT	
344437 40 5	FONAR CORP	COM NEW	
344849 10 4 *	FOOT LOCKER INC	COM	
344849 90 4	FOOT LOCKER INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 286

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
344849 95 4	FOOT LOCKER INC	PUT	
345370 CZ 1	FORD MTR CO DEL	NOTE	3/1
345370 86 0 *	FORD MTR CO DEL	COM	
345370 90 0	FORD MTR CO DEL	CALL	
345370 95 0	FORD MTR CO DEL	PUT	
345523 10 4 *	FORESIGHT AUTONOMOUS HLDGS L	SPONSORED ADS	
345523 90 4	FORESIGHT AUTONOMOUS HLDGS L	CALL	
345523 95 4	FORESIGHT AUTONOMOUS HLDGS L	PUT	
34619V 10 3	FOREST ROAD ACQUISITION COR	CL A	
34619V 11 1	FOREST ROAD ACQUISITION COR	*W EXP 01/15/202	
34619V 20 2	FOREST ROAD ACQUISITION COR	UNIT 99/99/9999	
346232 10 1 *	FORESTAR GROUP INC	COM	
346232 90 1	FORESTAR GROUP INC	CALL	
346232 95 1	FORESTAR GROUP INC	PUT	
34629L 10 3 *	FORGE GLOBAL HOLDINGS INC	COM	
34629L 90 3	FORGE GLOBAL HOLDINGS INC	CALL	
34629L 95 3	FORGE GLOBAL HOLDINGS INC	PUT	
34630N 10 6 *	FORIAN INC	COM	
34630N 90 6	FORIAN INC	CALL	
34630N 95 6	FORIAN INC	PUT	
34631B 10 1 *	FORGEROCK INC	CL A	
34631B 90 1	FORGEROCK INC	CALL	
34631B 95 1	FORGEROCK INC	PUT	
346375 10 8 *	FORMFACTOR INC	COM	
346375 90 8	FORMFACTOR INC	CALL	
346375 95 8	FORMFACTOR INC	PUT	
346414 10 5	FORMULA SYSTEMS 1985 LTD	SPONSORED ADS	
346563 10 9 *	FORRESTER RESH INC	COM	
346563 90 9	FORRESTER RESH INC	CALL	
346563 95 9	FORRESTER RESH INC	PUT	
349553 10 7 *	FORTIS INC	COM	
349553 90 7	FORTIS INC	CALL	
349553 95 7	FORTIS INC	PUT	
34959E 10 9 *	FORTINET INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 287

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
34959E 90 9	FORTINET INC	CALL	
34959E 95 9	FORTINET INC	PUT	
34959J 10 8 *	FORTIVE CORP	COM	
34959J 90 8	FORTIVE CORP	CALL	
34959J 95 8	FORTIVE CORP	PUT	
34960Q 10 9 *	FORTRESS BIOTECH INC	COM	
34960Q 90 9	FORTRESS BIOTECH INC	CALL	
34960Q 95 9	FORTRESS BIOTECH INC	PUT	
34962G 10 9 *	FORTE BIOSCIENCES INC	COM	
34962G 90 9	FORTE BIOSCIENCES INC	CALL	
34962G 95 9	FORTE BIOSCIENCES INC	PUT	
34964C 10 6 *	FORTUNE BRANDS INNOVATIONS I	COM	
34964C 90 6	FORTUNE BRANDS INNOVATIONS I	CALL	
34964C 95 6	FORTUNE BRANDS INNOVATIONS I	PUT	
34969G 10 2	FORTUNE RISE ACQUISITION COR	CL A	
34969G 11 0	FORTUNE RISE ACQUISITION COR	*W EXP 12/06/202	
34969G 20 1	FORTUNE RISE ACQUISITION COR	UNIT 12/06/2027	
34984V AC 4	FORUM ENERGY TECHNOLOGIES IN	NOTE 9.000% 8/0	
34984V 20 9	FORUM ENERGY TECHNOLOGIES IN	COM	
349853 10 1 *	FORWARD AIR CORP	COM	
349853 90 1	FORWARD AIR CORP	CALL	
349853 95 1	FORWARD AIR CORP	PUT	
349862 30 0	FORWARD INDS INC N Y	COM NEW	
349875 10 4	FORUM MERGER IV CORP	CLASS A COM	
349875 11 2	FORUM MERGER IV CORP	*W EXP 03/15/202	
349875 20 3	FORUM MERGER IV CORP	UNIT 03/15/2028	
34988N 10 4	FORZA X1 INC	COM	
34988V 10 6 *	FOSSIL GROUP INC	COM	
34988V 90 6	FOSSIL GROUP INC	CALL	
34988V 95 6	FOSSIL GROUP INC	PUT	
349915 AA 6	FORTUNA SILVER MINES INC	SDCV 4.650%10/3	
349915 10 8 *	FORTUNA SILVER MINES INC	COM	
349915 90 8	FORTUNA SILVER MINES INC	CALL	
349915 95 8	FORTUNA SILVER MINES INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 288

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
350060 10 9 *	FOSTER L B CO	COM	
350060 90 9	FOSTER L B CO	CALL	
350060 95 9	FOSTER L B CO	PUT	
35086T 10 9 *	FOUR CORNERS PPTY TR INC	COM	
35086T 90 9	FOUR CORNERS PPTY TR INC	CALL	
35086T 95 9	FOUR CORNERS PPTY TR INC	PUT	
35088F 20 6	FOUR LEAF ACQUISITION CORP	UNIT 03/15/2028	ADDED
35101A 30 9	FOUR SEASONS ED CAYMAN INC	SPON ADS	
35104E 10 0 *	4D MOLECULAR THERAPEUTICS IN	COM	
35104E 90 0	4D MOLECULAR THERAPEUTICS IN	CALL	
35104E 95 0	4D MOLECULAR THERAPEUTICS IN	PUT	
35137L 10 5 *	FOX CORP	CL A COM	
35137L 90 5	FOX CORP	CALL	
35137L 95 5	FOX CORP	PUT	
35137L 20 4 *	FOX CORP	CL B COM	
35137L 90 4	FOX CORP	CALL	
35137L 95 4	FOX CORP	PUT	
35138V 10 2 *	FOX FACTORY HLDG CORP	COM	
35138V 90 2	FOX FACTORY HLDG CORP	CALL	
35138V 95 2	FOX FACTORY HLDG CORP	PUT	
351471 10 7	FOXO TECHNOLOGIES INC	COM CL A	
351471 11 5	FOXO TECHNOLOGIES INC	*W EXP 08/01/202	
35166L 10 9	FOXWAYNE ENTERPRIS AQSTN COR	COM CL A	DELETED
35166L 11 7	FOXWAYNE ENTERPRIS AQSTN COR	*W EXP 01/12/202	DELETED
35166L 20 8	FOXWAYNE ENTERPRIS AQSTN COR	UNIT 01/12/2026	DELETED
35180X 10 5 *	FRANCHISE GROUP INC	COM	
35180X 90 5	FRANCHISE GROUP INC	CALL	
35180X 95 5	FRANCHISE GROUP INC	PUT	
351858 10 5 *	FRANCO NEV CORP	COM	
351858 90 5	FRANCO NEV CORP	CALL	
351858 95 5	FRANCO NEV CORP	PUT	
35243J 10 1 *	FRANKLIN BSP RLTY TR INC	COMMON STOCK	
35243J 90 1	FRANKLIN BSP RLTY TR INC	CALL	
35243J 95 1	FRANKLIN BSP RLTY TR INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 289

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
353469 10 9 *	FRANKLIN COVEY CO	COM	
353469 90 9	FRANKLIN COVEY CO	CALL	
353469 95 9	FRANKLIN COVEY CO	PUT	
353506 10 8	FRANKLIN ETF TR	SHRT DUR US GOVT	
353514 10 2 *	FRANKLIN ELEC INC	COM	
353514 90 2	FRANKLIN ELEC INC	CALL	
353514 95 2	FRANKLIN ELEC INC	PUT	
353525 10 8	FRANKLIN FINL SVCS CORP	COM	
354613 10 1 *	FRANKLIN RESOURCES INC	COM	
354613 90 1	FRANKLIN RESOURCES INC	CALL	
354613 95 1	FRANKLIN RESOURCES INC	PUT	
35471R 10 6 *	FRANKLIN STR PPTYS CORP	COM	
35471R 90 6	FRANKLIN STR PPTYS CORP	CALL	
35471R 95 6	FRANKLIN STR PPTYS CORP	PUT	
35472T 10 1	FRANKLIN LTD DURATION INCOME	COM	
35473M 10 5	FRANKLIN TEMPLETON HOLDINGS	RESPBLY SRCD GLD	
35473P 10 8	FRANKLIN TEMPLETON ETF TR	INTL COR DIV TIL	
35473P 20 7	FRANKLIN TEMPLETON ETF TR	EMER MKT COR DIV	
35473P 30 6	FRANKLIN TEMPLETON ETF TR	US CORE DIV TILT	
35473P 40 5 *	FRANKLIN TEMPLETON ETF TR	US EQUITY INDEX	
35473P 90 5	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 5	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 44 7	FRANKLIN TEMPLETON ETF TR	CLEARBRIDGE SUST	
35473P 45 4	FRANKLIN TEMPLETON ETF TR	MARTIN CURRIE	
35473P 46 2	FRANKLIN TEMPLETON ETF TR	BRANDYWINEGLOBAL	
35473P 47 0 *	FRANKLIN TEMPLETON ETF TR	EXPONENTIAL DATA	
35473P 90 0	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 0	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 48 8	FRANKLIN TEMPLETON ETF TR	US TREASURY BOND	
35473P 49 6	FRANKLIN TEMPLETON ETF TR	ULTRA SHORT BOND	
35473P 50 4	FRANKLIN TEMPLETON ETF TR	US LOW VOLATILIT	
35473P 51 2 *	FRANKLIN TEMPLETON ETF TR	INTELLIGENT MACH	
35473P 90 2	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 2	FRANKLIN TEMPLETON ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 290

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
35473P 52 0 *	FRANKLIN TEMPLETON ETF TR	GENOMIC ADV ETF	
35473P 90 0	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 0	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 53 8 *	FRANKLIN TEMPLETON ETF TR	DISRPTVE COM ETF	
35473P 90 8	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 8	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 54 6	FRANKLIN TEMPLETON ETF TR	SYSTMTC STYL PRE	
35473P 55 3	FRANKLIN TEMPLETON ETF TR	US CORE BOND ETF	
35473P 56 1	FRANKLIN TEMPLETON ETF TR	FTSE LATN AMRC	
35473P 57 9	FRANKLIN TEMPLETON ETF TR	FTSE SOUTH AFR	
35473P 58 7	FRANKLIN TEMPLETON ETF TR	FTSE SAUDI ARB	
35473P 59 5	FRANKLIN TEMPLETON ETF TR	SENIOR LOAN ETF	
35473P 60 3	FRANKLIN TEMPLETON ETF TR	INVT GRADE CORPT	
35473P 61 1	FRANKLIN TEMPLETON ETF TR	INTL AGGREGTE BD	
35473P 62 9	FRANKLIN TEMPLETON ETF TR	HIGH YIELD CORP	
35473P 63 7	FRANKLIN TEMPLETON ETF TR	FTSE JAPAN HDG	
35473P 64 5	FRANKLIN TEMPLETON ETF TR	FTSE EUROPE HG	
35473P 65 2	FRANKLIN TEMPLETON ETF TR	FTSE EUROPE	
35473P 66 0	FRANKLIN TEMPLETON ETF TR	FRANKLIN ASIA	
35473P 67 8	FRANKLIN TEMPLETON ETF TR	FTSE UNTD KGDM	
35473P 68 6	FRANKLIN TEMPLETON ETF TR	FTSE TAIWAN	
35473P 69 4	FRANKLIN TEMPLETON ETF TR	FRANKLN SWZLND	
35473P 71 0	FRANKLIN TEMPLETON ETF TR	FTSE SOUTH KOREA	
35473P 73 6	FRANKLIN TEMPLETON ETF TR	FTSE MEXICO	
35473P 74 4 *	FRANKLIN TEMPLETON ETF TR	FTSE JAPAN ETF	
35473P 90 4	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 4	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 75 1	FRANKLIN TEMPLETON ETF TR	FTSE ITALY ETF	
35473P 76 9	FRANKLIN TEMPLETON ETF TR	FRANKLIN INDIA	
35473P 77 7	FRANKLIN TEMPLETON ETF TR	FTSE HONG KONG	
35473P 78 5	FRANKLIN TEMPLETON ETF TR	FTSE GERMANY	
35473P 79 3	FRANKLIN TEMPLETON ETF TR	FTSE FRANCE	
35473P 80 1 *	FRANKLIN TEMPLETON ETF TR	US LRG CP MLTFCT	
35473P 90 1	FRANKLIN TEMPLETON ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 291

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
35473P 95 1	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 81 9 *	FRANKLIN TEMPLETON ETF TR	FTSE CHINA	
35473P 90 9	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 9	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 82 7	FRANKLIN TEMPLETON ETF TR	FTSE CANADA	
35473P 83 5 *	FRANKLIN TEMPLETON ETF TR	FTSE BRAZIL	
35473P 90 5	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 5	FRANKLIN TEMPLETON ETF TR	PUT	
35473P 84 3	FRANKLIN TEMPLETON ETF TR	FTSE AUSTRALIA	
35473P 85 0	FRANKLIN TEMPLETON ETF TR	MUNICIPAL GRN BD	
35473P 86 8	FRANKLIN TEMPLETON ETF TR	FRANKLIN DYN MUN	
35473P 87 6	FRANKLIN TEMPLETON ETF TR	US SML CP MLTFCT	
35473P 88 4 *	FRANKLIN TEMPLETON ETF TR	US MID CP MLTFCT	
35473P 90 4	FRANKLIN TEMPLETON ETF TR	CALL	
35473P 95 4	FRANKLIN TEMPLETON ETF TR	PUT	
355145 10 3	FRANKLIN UNVL TR	SH BEN INT	
355184 10 2 *	FRANKLIN WIRELESS CORP	COM	
355184 90 2	FRANKLIN WIRELESS CORP	CALL	
355184 95 2	FRANKLIN WIRELESS CORP	PUT	
356390 10 4 *	FREEDOM HLDG CORP NEV	COM	
356390 90 4	FREEDOM HLDG CORP NEV	CALL	
356390 95 4	FREEDOM HLDG CORP NEV	PUT	
35655L 10 7	FREELINE THERAPEUTICS HLDGS	SPONSORED ADS	
35671D 85 7 *	FREEPORT-MCMORAN INC	CL B	
35671D 90 7	FREEPORT-MCMORAN INC	CALL	
35671D 95 7	FREEPORT-MCMORAN INC	PUT	
357023 10 0 *	FREIGHTCAR AMER INC	COM	
357023 90 0	FREIGHTCAR AMER INC	CALL	
357023 95 0	FREIGHTCAR AMER INC	PUT	
358010 10 6	FREQUENCY ELECTRS INC	COM	
358029 10 6 *	FRESENIUS MED CARE AG&CO KGA	SPONSORED ADR	
358029 90 6	FRESENIUS MED CARE AG&CO KGA	CALL	
358029 95 6	FRESENIUS MED CARE AG&CO KGA	PUT	
35803L 10 8 *	FREQUENCY THERAPEUTICS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 292

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
35803L 90 8	FREQUENCY THERAPEUTICS INC	CALL	
35803L 95 8	FREQUENCY THERAPEUTICS INC	PUT	
358039 10 5 *	FRESHPET INC	COM	
358039 90 5	FRESHPET INC	CALL	
358039 95 5	FRESHPET INC	PUT	
35804X 10 1	FRESH VINE WINE INC	COM	
358054 10 4 *	FRESHWORKS INC	CLASS A COM	
358054 90 4	FRESHWORKS INC	CALL	
358054 95 4	FRESHWORKS INC	PUT	
358435 10 5	FRIEDMAN INDS INC	COM	
35905A 10 9 *	FRONTDOOR INC	COM	
35905A 90 9	FRONTDOOR INC	CALL	
35905A 95 9	FRONTDOOR INC	PUT	
35909D 10 9 *	FRONTIER COMMUNICATIONS PARE	COM	
35909D 90 9	FRONTIER COMMUNICATIONS PARE	CALL	
35909D 95 9	FRONTIER COMMUNICATIONS PARE	PUT	
35909R 10 8 *	FRONTIER GROUP HLDGS INC	COM	
35909R 90 8	FRONTIER GROUP HLDGS INC	CALL	
35909R 95 8	FRONTIER GROUP HLDGS INC	PUT	
35952H 60 1 *	FUELCELL ENERGY INC	COM	
35952H 90 1	FUELCELL ENERGY INC	CALL	
35952H 95 1	FUELCELL ENERGY INC	PUT	
359523 10 7 *	FUEL TECH INC	COM	
359523 90 7	FUEL TECH INC	CALL	
359523 95 7	FUEL TECH INC	PUT	
35953C 10 6 *	FTAI INFRASTRUCTURE INC	COMMON STOCK	
35953C 90 6	FTAI INFRASTRUCTURE INC	CALL	
35953C 95 6	FTAI INFRASTRUCTURE INC	PUT	
35953D AB 0	FUBOTV INC	NOTE 3.250% 2/1	
35953D 10 4 *	FUBOTV INC	COM	
35953D 90 4	FUBOTV INC	CALL	
35953D 95 4	FUBOTV INC	PUT	
35954B 20 6 *	FSD PHARMA INC	CL B SUB VTG	
35954B 90 6	FSD PHARMA INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 293

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
35954B 95 6	FSD PHARMA INC	PUT	
359616 10 9 *	FULCRUM THERAPEUTICS INC	COM	
359616 90 9	FULCRUM THERAPEUTICS INC	CALL	
359616 95 9	FULCRUM THERAPEUTICS INC	PUT	
359664 10 9 *	FULGENT GENETICS INC	COM	
359664 90 9	FULGENT GENETICS INC	CALL	
359664 95 9	FULGENT GENETICS INC	PUT	
359678 10 9 *	FULL HSE RESORTS INC	COM	
359678 90 9	FULL HSE RESORTS INC	CALL	
359678 95 9	FULL HSE RESORTS INC	PUT	
35969L 10 8 *	FULL TRUCK ALLIANCE CO LTD	SPONSORED ADS	
35969L 90 8	FULL TRUCK ALLIANCE CO LTD	CALL	
35969L 95 8	FULL TRUCK ALLIANCE CO LTD	PUT	
359694 10 6 *	FULLER H B CO	COM	
359694 90 6	FULLER H B CO	CALL	
359694 95 6	FULLER H B CO	PUT	
360271 10 0 *	FULTON FINL CORP PA	COM	
360271 90 0	FULTON FINL CORP PA	CALL	
360271 95 0	FULTON FINL CORP PA	PUT	
360876 80 9	FUNDX INVT TR	FUNDX ETF	
360876 88 2	FUNDX INVT TR	AGGRESSIVE ETF	
361008 10 5 *	FUNKO INC	COM CL A	
361008 90 5	FUNKO INC	CALL	
361008 95 5	FUNKO INC	PUT	
36116M 10 6 *	FUTUREFUEL CORP	COM	
36116M 90 6	FUTUREFUEL CORP	CALL	
36116M 95 6	FUTUREFUEL CORP	PUT	
36117T 10 0	FURY GOLD MINES LIMITED	COM	
36117V 10 5 *	FUTURE FINTECH GROUP INC	COM	DELETED
36117V 90 5	FUTURE FINTECH GROUP INC	CALL	DELETED
36117V 95 5	FUTURE FINTECH GROUP INC	PUT	DELETED
36117V 20 4 *	FUTURE FINTECH GROUP INC	COM NEW	ADDED
36117V 90 4	FUTURE FINTECH GROUP INC	CALL	ADDED
36117V 95 4	FUTURE FINTECH GROUP INC	PUT	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 294

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36118A 10 0 *	FUSION PHARMACEUTICALS INC	COM	
36118A 90 0	FUSION PHARMACEUTICALS INC	CALL	
36118A 95 0	FUSION PHARMACEUTICALS INC	PUT	
36118L 10 6 *	FUTU HLDGS LTD	SPON ADS CL A	
36118L 90 6	FUTU HLDGS LTD	CALL	
36118L 95 6	FUTU HLDGS LTD	PUT	
36118N 10 2	FUSION ACQUISITION CORP II	COM CL A	
36118N 20 1	FUSION ACQUISITION CORP II	UNIT 02/29/2028	
36118W 10 2	FUTURE HEALTH ESG CORP	COM	
36118W 11 0	FUTURE HEALTH ESG CORP	*W EXP 99/99/999	
36118W 20 1	FUTURE HEALTH ESG CORP	UNIT 09/09/2026	
36119D 10 3	FUTURETECH II ACQUISITION CO	CLASS A COM	
36119D 11 1	FUTURETECH II ACQUISITION CO	*W EXP 08/18/202	
36119D 20 2	FUTURETECH II ACQUISITION CO	UNIT 12/23/2022	
36120Q 10 1	FVCBANKCORP INC	COM	
361448 10 3 *	GATX CORP	COM	
361448 90 3	GATX CORP	CALL	
361448 95 3	GATX CORP	PUT	
36151G 10 5	INTELLIGENT BIO SOLUTIONS IN	COM	DELETED
36151G 40 2	INTELLIGENT BIO SOLUTIONS IN	COM NEW	ADDED
361570 10 4	GDL FD	COM SH BEN IT	
36162J 10 6 *	GEO GROUP INC NEW	COM	
36162J 90 6	GEO GROUP INC NEW	CALL	
36162J 95 6	GEO GROUP INC NEW	PUT	
36165A 10 2	GEE GROUP INC	COM	
36165L AB 4	GDS HLDGS LTD	NOTE 2.000% 6/0	
36165L 10 8 *	GDS HLDGS LTD	SPONSORED ADS	
36165L 90 8	GDS HLDGS LTD	CALL	
36165L 95 8	GDS HLDGS LTD	PUT	
36168Q 10 4 *	GFL ENVIRONMENTAL INC	SUB VTG SHS	
36168Q 90 4	GFL ENVIRONMENTAL INC	CALL	
36168Q 95 4	GFL ENVIRONMENTAL INC	PUT	
36168Q 12 0	GFL ENVIRONMENTAL INC	UNIT 03/15/2023	DELETED
3621LQ 10 9 *	G1 THERAPEUTICS INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 295

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
3621LQ 90 9	G1 THERAPEUTICS INC	CALL	
3621LQ 95 9	G1 THERAPEUTICS INC	PUT	
36227K 10 6	GSE SYS INC	COM	
36237H 10 1 *	G III APPAREL GROUP LTD	COM	
36237H 90 1	G III APPAREL GROUP LTD	CALL	
36237H 95 1	G III APPAREL GROUP LTD	PUT	
36239Q 10 9	GABELLI MULTIMEDIA TR INC	COM	
362397 10 1	GABELLI EQUITY TR INC	COM	
36240A 10 1	GABELLI UTIL TR	COM	
36240B 10 9	GABELLI CONV & INC SECS FD I	COM	
36241U 10 6 *	GSI TECHNOLOGY INC	COM	
36241U 90 6	GSI TECHNOLOGY INC	CALL	
36241U 95 6	GSI TECHNOLOGY INC	PUT	
36242H 10 4	GABELLI DIVID & INCOME TR	COM	
36242L 10 5	GABELLI GLOBL UTIL & INCOME	COM SH BEN INT	
36246K 10 3	GABELLI HLTHCARE & WELLNESS	SHS	
36249W 10 4	GABELLI GLOBAL SMALL & MID C	COM	
36251C 10 3 *	GMS INC	COM	
36251C 90 3	GMS INC	CALL	
36251C 95 3	GMS INC	PUT	
36254L 20 9 *	GT BIOPHARMA INC	COM NEW	
36254L 90 9	GT BIOPHARMA INC	CALL	
36254L 95 9	GT BIOPHARMA INC	PUT	
36257Y 10 9 *	GAOTU TECHEDU INC	SPONSORED ADS	
36257Y 90 9	GAOTU TECHEDU INC	CALL	
36257Y 95 9	GAOTU TECHEDU INC	PUT	
36260F 10 5	GX ACQUISITION CORP II	CLASS A COM	DELETED
36260F 11 3	GX ACQUISITION CORP II	*W EXP 03/17/202	DELETED
36260F 20 4	GX ACQUISITION CORP II	UNIT 03/17/2026	DELETED
36261K 10 3	GABELLI ETFS TRUST	LOVE OUR PLANET	
36261K 20 2	GABELLI ETFS TRUST	GROWTH INNOVATOR	
36261K 30 1	GABELLI ETFS TRUST	AUTOMATION ETF	
36261K 40 0	GABELLI ETFS TRUST	FINL SVCS OPPTYS	
36261K 50 9	GABELLI ETFS TRUST	EQUITY INCOME	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 296

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
36262G 10 1 *	GXO LOGISTICS INCORPORATED	COMMON STOCK	
36262G 90 1	GXO LOGISTICS INCORPORATED	CALL	
36262G 95 1	GXO LOGISTICS INCORPORATED	PUT	
36263W 10 5	GSR II METEORA ACQUISITN COR	CLASS A COM	
36263W 11 3	GSR II METEORA ACQUISITN COR	RIGHT 02/24/2027	
36263W 12 1	GSR II METEORA ACQUISITN COR	*W EXP 02/24/202	
36263W 20 4	GSR II METEORA ACQUISITN COR	UNIT 02/24/2027	
36266G 10 7 *	GE HEALTHCARE TECHNOLOGIES I	COMMON STOCK	
36266G 90 7	GE HEALTHCARE TECHNOLOGIES I	CALL	
36266G 95 7	GE HEALTHCARE TECHNOLOGIES I	PUT	
36269B 10 5 *	GAIN THERAPEUTICS INC	COM	
36269B 90 5	GAIN THERAPEUTICS INC	CALL	
36269B 95 5	GAIN THERAPEUTICS INC	PUT	
36269P 10 4 *	GAIA INC NEW	CL A	
36269P 90 4	GAIA INC NEW	CALL	
36269P 95 4	GAIA INC NEW	PUT	
36315X 10 1 *	GALAPAGOS NV	SPON ADR	
36315X 90 1	GALAPAGOS NV	CALL	
36315X 95 1	GALAPAGOS NV	PUT	
36322Q 10 7 *	GALECTO INC	COM	
36322Q 90 7	GALECTO INC	CALL	
36322Q 95 7	GALECTO INC	PUT	
363225 20 2 *	GALECTIN THERAPEUTICS INC	COM NEW	
363225 90 2	GALECTIN THERAPEUTICS INC	CALL	
363225 95 2	GALECTIN THERAPEUTICS INC	PUT	
36338D 10 8 *	GALERA THERAPEUTICS INC	COM	
36338D 90 8	GALERA THERAPEUTICS INC	CALL	
36338D 95 8	GALERA THERAPEUTICS INC	PUT	
36352H 10 0 *	GALIANO GOLD INC	COM	
36352H 90 0	GALIANO GOLD INC	CALL	
36352H 95 0	GALIANO GOLD INC	PUT	
363576 10 9 *	GALLAGHER ARTHUR J & CO	COM	
363576 90 9	GALLAGHER ARTHUR J & CO	CALL	
363576 95 9	GALLAGHER ARTHUR J & CO	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 297

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36465A 10 9	GAMCO GLOBAL GOLD NAT RES &	COM SH BEN INT	
36465E 10 1	GAMCO NAT RES GOLD & INCOME	SH BEN INT	
36467J 10 8 *	GAMING & LEISURE PPTYS INC	COM	
36467J 90 8	GAMING & LEISURE PPTYS INC	CALL	
36467J 95 8	GAMING & LEISURE PPTYS INC	PUT	
36467W 10 9 *	GAMESTOP CORP NEW	CL A	
36467W 90 9	GAMESTOP CORP NEW	CALL	
36467W 95 9	GAMESTOP CORP NEW	PUT	
36468L AB 8	GAMIDA CELL INC	NOTE 5.875% 2/1	
36472T 10 9 *	GANNETT CO INC	COM	
36472T 90 9	GANNETT CO INC	CALL	
36472T 95 9	GANNETT CO INC	PUT	
36473H AB 0	GANNETT CO INC	NOTE 4.750% 4/1	
364760 10 8 *	GAP INC	COM	
364760 90 8	GAP INC	CALL	
364760 95 8	GAP INC	PUT	
365506 10 4	GARDINER HEALTHCARE ACQTS CO	COMMON STOCK	
365506 11 2	GARDINER HEALTHCARE ACQTS CO	*W EXP 07/30/202	
365506 20 3	GARDINER HEALTHCARE ACQTS CO	UNIT 99/99/9999	
366505 10 5 *	GARRETT MOTION INC	COM	
366505 90 5	GARRETT MOTION INC	CALL	
366505 95 5	GARRETT MOTION INC	PUT	
366505 20 4	GARRETT MOTION INC	PFD CONV SER A	
366651 10 7 *	GARTNER INC	COM	
366651 90 7	GARTNER INC	CALL	
366651 95 7	GARTNER INC	PUT	
368036 10 9 *	GATOS SILVER INC	COM	
368036 90 9	GATOS SILVER INC	CALL	
368036 95 9	GATOS SILVER INC	PUT	
36809R 30 5 *	GAUCHO GROUP HLDGS INC	COM NEW	
36809R 90 5	GAUCHO GROUP HLDGS INC	CALL	
36809R 95 5	GAUCHO GROUP HLDGS INC	PUT	
36831E 10 8 *	GCM GROSVENOR INC	COM CL A	
36831E 90 8	GCM GROSVENOR INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 298

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36831E 95 8	GCM GROSVENOR INC	PUT	
36831E 11 6	GCM GROSVENOR INC	*W EXP 11/17/202	
36850R 11 3	GELESIS HLDGS INC	*W EXP 01/13/202	DELETED
36850R 20 4	GELESIS HLDGS INC	COM	
368678 10 8 *	GENCOR INDS INC	COM	
368678 90 8	GENCOR INDS INC	CALL	
368678 95 8	GENCOR INDS INC	PUT	
36870H 10 3	GENELUX CORPORATION	COM	ADDED
36870W 10 0	GENENTA SCIENCE S P A	SPONSORED ADS	
36872P 10 3 *	GENASYS INC	COM	
36872P 90 3	GENASYS INC	CALL	
36872P 95 3	GENASYS INC	PUT	
368736 10 4 *	GENERAC HLDGS INC	COM	
368736 90 4	GENERAC HLDGS INC	CALL	
368736 95 4	GENERAC HLDGS INC	PUT	
368802 10 4	GENERAL AMERN INVS CO INC	COM	
369550 10 8 *	GENERAL DYNAMICS CORP	COM	
369550 90 8	GENERAL DYNAMICS CORP	CALL	
369550 95 8	GENERAL DYNAMICS CORP	PUT	
369604 12 9	GENERAL ELECTRIC CO	COMMON STOCK	DELETED
369604 30 1 *	GENERAL ELECTRIC CO	COM NEW	
369604 90 1	GENERAL ELECTRIC CO	CALL	
369604 95 1	GENERAL ELECTRIC CO	PUT	
370334 10 4 *	GENERAL MLS INC	COM	
370334 90 4	GENERAL MLS INC	CALL	
370334 95 4	GENERAL MLS INC	PUT	
37045V 10 0 *	GENERAL MTRS CO	COM	
37045V 90 0	GENERAL MTRS CO	CALL	
37045V 95 0	GENERAL MTRS CO	PUT	
37148K 10 0 *	GENERATION BIO CO	COM	
37148K 90 0	GENERATION BIO CO	CALL	
37148K 95 0	GENERATION BIO CO	PUT	
37149D 11 3	GENERATION INCOME PPTYS INC	*W EXP 09/03/202	
37149D 20 4	GENERATION INCOME PPTYS INC	COM NEW	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 299

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
37149G 10 8	GENERATIONS BANCORP NY INC	COM	
371532 10 2 *	GENESCO INC	COM	
371532 90 2	GENESCO INC	CALL	
371532 95 2	GENESCO INC	PUT	
37185R 30 7 *	GENETIC TECHNOLOGIES LTD	NEW SPONSRD ADR	
37185R 90 7	GENETIC TECHNOLOGIES LTD	CALL	
37185R 95 7	GENETIC TECHNOLOGIES LTD	PUT	
37186H 10 0	GENETRON HLDGS LTD	ADS	
37187C 10 0	GENESIS UNICORN CAPITAL CORP	CLASS A COM	
37187C 11 8	GENESIS UNICORN CAPITAL CORP	*W EXP 06/30/202	
37187C 20 9	GENESIS UNICORN CAPITAL CORP	UNIT 06/30/2026	
371901 10 9 *	GENTEX CORP	COM	
371901 90 9	GENTEX CORP	CALL	
371901 95 9	GENTEX CORP	PUT	
371927 10 4 *	GENESIS ENERGY L P	UNIT LTD PARTN	
371927 90 4	GENESIS ENERGY L P	CALL	
371927 95 4	GENESIS ENERGY L P	PUT	
372279 10 9	GENFIT S A	ADS	
372284 20 8 *	GENIE ENERGY LTD	CL B	
372284 90 8	GENIE ENERGY LTD	CALL	
372284 95 8	GENIE ENERGY LTD	PUT	
37229T 30 1 *	GENIUS BRANDS INTL INC	COM	DELETED
37229T 90 1	GENIUS BRANDS INTL INC	CALL	DELETED
37229T 95 1	GENIUS BRANDS INTL INC	PUT	DELETED
37229T 50 9 *	GENIUS BRANDS INTL INC	COM NEW	ADDED
37229T 90 9	GENIUS BRANDS INTL INC	CALL	ADDED
37229T 95 9	GENIUS BRANDS INTL INC	PUT	ADDED
372303 20 6 *	GENMAB A/S	SPONSORED ADS	
372303 90 6	GENMAB A/S	CALL	
372303 95 6	GENMAB A/S	PUT	
372446 10 4 *	GENPREX INC	COM	
372446 90 4	GENPREX INC	CALL	
372446 95 4	GENPREX INC	PUT	
372460 10 5 *	GENUINE PARTS CO	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 300

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
372460 90 5	GENUINE PARTS CO	CALL	
372460 95 5	GENUINE PARTS CO	PUT	
37247D 10 6 *	GENWORTH FINL INC	COM CL A	
37247D 90 6	GENWORTH FINL INC	CALL	
37247D 95 6	GENWORTH FINL INC	PUT	
37253A 10 3 *	GENTHERM INC	COM	
37253A 90 3	GENTHERM INC	CALL	
37253A 95 3	GENTHERM INC	PUT	
37364X 10 9 *	GEOSPACE TECHNOLOGIES CORP	COM	
37364X 90 9	GEOSPACE TECHNOLOGIES CORP	CALL	
37364X 95 9	GEOSPACE TECHNOLOGIES CORP	PUT	
373678 11 9	GEOVAX LABS INC	*W EXP 09/29/202	
373678 50 7	GEOVAX LABS INC	COM	
373737 10 5 *	GERDAU SA	SPON ADR REP PFD	
373737 90 5	GERDAU SA	CALL	
373737 95 5	GERDAU SA	PUT	
373865 10 4 *	GERMAN AMERN BANCORP INC	COM	
373865 90 4	GERMAN AMERN BANCORP INC	CALL	
373865 95 4	GERMAN AMERN BANCORP INC	PUT	
374163 10 3 *	GERON CORP	COM	
374163 90 3	GERON CORP	CALL	
374163 95 3	GERON CORP	PUT	
37427G 10 1	GETAROUND INC	COM	
37427G 11 9	GETAROUND INC	*W EXP 03/09/202	
374275 10 5 *	GETTY IMAGES HOLDINGS INC	CL A COM	
374275 90 5	GETTY IMAGES HOLDINGS INC	CALL	
374275 95 5	GETTY IMAGES HOLDINGS INC	PUT	
37428A 10 3	GETNET ADQUIRENCIA E SERVICIO	SPONSORED ADS	DELETED
374297 10 9 *	GETTY RLTY CORP NEW	COM	
374297 90 9	GETTY RLTY CORP NEW	CALL	
374297 95 9	GETTY RLTY CORP NEW	PUT	
374396 40 6 *	GEVO INC	COM PAR	
374396 90 6	GEVO INC	CALL	
374396 95 6	GEVO INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 301

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
374689 10 7 *	GIBRALTAR INDS INC	COM	
374689 90 7	GIBRALTAR INDS INC	CALL	
374689 95 7	GIBRALTAR INDS INC	PUT	
37519U 10 9	GIGCAPITAL 5 INC	COMMON STOCK	
37519U 11 7	GIGCAPITAL 5 INC	*W EXP 03/28/202	
37519U 20 8	GIGCAPITAL 5 INC	UNIT 99/99/9999	
375558 10 3 *	GILEAD SCIENCES INC	COM	
375558 90 3	GILEAD SCIENCES INC	CALL	
375558 95 3	GILEAD SCIENCES INC	PUT	
375916 10 3 *	GILDAN ACTIVEWEAR INC	COM	
375916 90 3	GILDAN ACTIVEWEAR INC	CALL	
375916 95 3	GILDAN ACTIVEWEAR INC	PUT	
37611X 10 0 *	GINKGO BIOWORKS HOLDINGS INC	CL A SHS	
37611X 90 0	GINKGO BIOWORKS HOLDINGS INC	CALL	
37611X 95 0	GINKGO BIOWORKS HOLDINGS INC	PUT	
37611X 11 8	GINKGO BIOWORKS HOLDINGS INC	*W EXP 09/16/202	
37637K 10 8 *	GITLAB INC	CLASS A COM	
37637K 90 8	GITLAB INC	CALL	
37637K 95 8	GITLAB INC	PUT	
37637Q 10 5 *	GLACIER BANCORP INC NEW	COM	
37637Q 90 5	GLACIER BANCORP INC NEW	CALL	
37637Q 95 5	GLACIER BANCORP INC NEW	PUT	
37653T 10 8	GLOBAL SYSTEMS DYNAMICS INC	CLASS A COM	
37653T 11 6	GLOBAL SYSTEMS DYNAMICS INC	*W EXP 04/01/202	
37653T 20 7	GLOBAL SYSTEMS DYNAMICS INC	UNIT 04/01/2024	
376535 10 0 *	GLADSTONE CAPITAL CORP	COM	
376535 90 0	GLADSTONE CAPITAL CORP	CALL	
376535 95 0	GLADSTONE CAPITAL CORP	PUT	
376536 10 8 *	GLADSTONE COMMERCIAL CORP	COM	
376536 90 8	GLADSTONE COMMERCIAL CORP	CALL	
376536 95 8	GLADSTONE COMMERCIAL CORP	PUT	
376546 10 7 *	GLADSTONE INVT CORP	COM	
376546 90 7	GLADSTONE INVT CORP	CALL	
376546 95 7	GLADSTONE INVT CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 302

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
376549 10 1 *	GLADSTONE LD CORP	COM	
376549 90 1	GLADSTONE LD CORP	CALL	
376549 95 1	GLADSTONE LD CORP	PUT	
377320 10 6 *	GLATFELTER CORPORATION	COM	
377320 90 6	GLATFELTER CORPORATION	CALL	
377320 95 6	GLATFELTER CORPORATION	PUT	
377322 AB 8	GLAUKOS CORP	NOTE 2.750% 6/1	
377322 10 2 *	GLAUKOS CORP	COM	
377322 90 2	GLAUKOS CORP	CALL	
377322 95 2	GLAUKOS CORP	PUT	
37733W 20 4 *	GSK PLC	SPONSORED ADR	
37733W 90 4	GSK PLC	CALL	
37733W 95 4	GSK PLC	PUT	
377407 10 1	GLEN BURNIE BANCORP	COM	
37890B 10 0 *	GLOBAL BUSINESS TRAVEL GROUP	COM CL A	
37890B 90 0	GLOBAL BUSINESS TRAVEL GROUP	CALL	
37890B 95 0	GLOBAL BUSINESS TRAVEL GROUP	PUT	
37892C 10 6 *	GLIMPSE GROUP INC	COM	
37892C 90 6	GLIMPSE GROUP INC	CALL	
37892C 95 6	GLIMPSE GROUP INC	PUT	
37892E 10 2 *	GLOBAL INDUSTRIAL COMPANY	COM	
37892E 90 2	GLOBAL INDUSTRIAL COMPANY	CALL	
37892E 95 2	GLOBAL INDUSTRIAL COMPANY	PUT	
37892F 10 9	GLOBALINK INVT INC	COM	
37892F 11 7	GLOBALINK INVT INC	RIGHT 12/06/2026	
37892F 12 5	GLOBALINK INVT INC	*W EXP 12/03/202	
37892F 20 8	GLOBALINK INVT INC	UNIT 12/06/2026	
378973 40 8 *	GLOBALSTAR INC	COM	
378973 90 8	GLOBALSTAR INC	CALL	
378973 95 8	GLOBALSTAR INC	PUT	
379378 20 1 *	GLOBAL NET LEASE INC	COM NEW	
379378 90 1	GLOBAL NET LEASE INC	CALL	
379378 95 1	GLOBAL NET LEASE INC	PUT	
37940X 10 2 *	GLOBAL PMTS INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 303

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37940X 90 2	GLOBAL PMTS INC	CALL	
37940X 95 2	GLOBAL PMTS INC	PUT	
37946R 10 9 *	GLOBAL PARTNERS LP	COM UNITS	
37946R 90 9	GLOBAL PARTNERS LP	CALL	
37946R 95 9	GLOBAL PARTNERS LP	PUT	
379463 10 2 *	GLOBAL WTR RES INC	COM	
379463 90 2	GLOBAL WTR RES INC	CALL	
379463 95 2	GLOBAL WTR RES INC	PUT	
37950E 10 1	GLOBAL X FDS	MSCI NORWAY ETF	
37950E 19 2	GLOBAL X FDS	GBL X MSCI PT ET	
37950E 21 8 *	GLOBAL X FDS	MSCI NXT EMRNG	
37950E 90 8	GLOBAL X FDS	CALL	
37950E 95 8	GLOBAL X FDS	PUT	
37950E 24 2 *	GLOBAL X FDS	MSCI CHINA MATRL	
37950E 90 2	GLOBAL X FDS	CALL	
37950E 95 2	GLOBAL X FDS	PUT	
37950E 25 9 *	GLOBAL X FDS	GB MSCI AR ETF	
37950E 90 9	GLOBAL X FDS	CALL	
37950E 95 9	GLOBAL X FDS	PUT	
37950E 29 1 *	GLOBAL X FDS	GLOBX SUPDV US	
37950E 90 1	GLOBAL X FDS	CALL	
37950E 95 1	GLOBAL X FDS	PUT	
37950E 33 3 *	GLOBAL X FDS	GLBX SUPRINC ETF	
37950E 90 3	GLOBAL X FDS	CALL	
37950E 95 3	GLOBAL X FDS	PUT	
37950E 34 1 *	GLOBAL X FDS	GLB X GURU INDEX	
37950E 90 1	GLOBAL X FDS	CALL	
37950E 95 1	GLOBAL X FDS	PUT	
37950E 40 8 *	GLOBAL X FDS	MSCI CHINA CNSMR	
37950E 90 8	GLOBAL X FDS	CALL	
37950E 95 8	GLOBAL X FDS	PUT	
37950E 41 6 *	GLOBAL X FDS	SOCIAL MED ETF	
37950E 90 6	GLOBAL X FDS	CALL	
37950E 95 6	GLOBAL X FDS	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 304

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37950E 50 7 *	GLOBAL X FDS	MSCI CHINA ENRGY	
37950E 90 7	GLOBAL X FDS	CALL	
37950E 95 7	GLOBAL X FDS	PUT	
37950E 60 6 *	GLOBAL X FDS	MSCI CHINA FINCL	
37950E 90 6	GLOBAL X FDS	CALL	
37950E 95 6	GLOBAL X FDS	PUT	
37950E 64 8 *	GLOBAL X FDS	GBL X FTSE ETF	
37950E 90 8	GLOBAL X FDS	CALL	
37950E 95 8	GLOBAL X FDS	PUT	
37950E 70 5 *	GLOBAL X FDS	MSCI CHINA INDST	
37950E 90 5	GLOBAL X FDS	CALL	
37950E 95 5	GLOBAL X FDS	PUT	
37950E 80 4 *	GLOBAL X FDS	MSCI CHINA COMMU	
37950E 90 4	GLOBAL X FDS	CALL	
37950E 95 4	GLOBAL X FDS	PUT	
37954A 20 4 *	GLOBAL MED REIT INC	COM NEW	
37954A 90 4	GLOBAL MED REIT INC	CALL	
37954A 95 4	GLOBAL MED REIT INC	PUT	
37954Y 14 5 *	GLOBAL X FDS	CANNABIS ETF NEW	
37954Y 90 5	GLOBAL X FDS	CALL	
37954Y 95 5	GLOBAL X FDS	PUT	
37954Y 15 2 *	GLOBAL X FDS	GBL X HYDROGEN	
37954Y 90 2	GLOBAL X FDS	CALL	
37954Y 95 2	GLOBAL X FDS	PUT	
37954Y 17 8 *	GLOBAL X FDS	GLOBAL X AGTECH	
37954Y 90 8	GLOBAL X FDS	CALL	
37954Y 95 8	GLOBAL X FDS	PUT	
37954Y 18 6 *	GLOBAL X FDS	CLEAN WTR ETF	
37954Y 90 6	GLOBAL X FDS	CALL	
37954Y 95 6	GLOBAL X FDS	PUT	
37954Y 19 4	GLOBAL X FDS	ADAPTIVE US RISK	
37954Y 21 0	GLOBAL X FDS	CHINA INOVATION	
37954Y 22 8 *	GLOBAL X FDS	CLEANTECH ETF	
37954Y 90 8	GLOBAL X FDS	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 305

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37954Y 95 8	GLOBAL X FDS	PUT	
37954Y 23 6 *	GLOBAL X FDS	DATA CTR REITS	
37954Y 90 6	GLOBAL X FDS	CALL	
37954Y 95 6	GLOBAL X FDS	PUT	
37954Y 25 1 *	GLOBAL X FDS	CHINA BIOTECHINV	
37954Y 90 1	GLOBAL X FDS	CALL	
37954Y 95 1	GLOBAL X FDS	PUT	
37954Y 26 9 *	GLOBAL X FDS	NASDQ 100 CVRDGW	
37954Y 90 9	GLOBAL X FDS	CALL	
37954Y 95 9	GLOBAL X FDS	PUT	
37954Y 27 7 *	GLOBAL X FDS	S&P 500 COVERED	
37954Y 90 7	GLOBAL X FDS	CALL	
37954Y 95 7	GLOBAL X FDS	PUT	
37954Y 28 5 *	GLOBAL X FDS	TELMDC&DIG ETF	
37954Y 90 5	GLOBAL X FDS	CALL	
37954Y 95 5	GLOBAL X FDS	PUT	
37954Y 29 3 *	GLOBAL X FDS	GLB X MLP ENRG I	
37954Y 90 3	GLOBAL X FDS	CALL	
37954Y 95 3	GLOBAL X FDS	PUT	
37954Y 31 9 *	GLOBAL X FDS	MSCI GREECE ETF	
37954Y 90 9	GLOBAL X FDS	CALL	
37954Y 95 9	GLOBAL X FDS	PUT	
37954Y 32 7 *	GLOBAL X FDS	GLBX MSCI COLUM	
37954Y 90 7	GLOBAL X FDS	CALL	
37954Y 95 7	GLOBAL X FDS	PUT	
37954Y 33 5	GLOBAL X FDS	MSCI PAKISTAN	
37954Y 34 3 *	GLOBAL X FDS	GLBL X MLP ETF	
37954Y 90 3	GLOBAL X FDS	CALL	
37954Y 95 3	GLOBAL X FDS	PUT	
37954Y 35 0 *	GLOBAL X FDS	X EMERGING MKT	
37954Y 90 0	GLOBAL X FDS	CALL	
37954Y 95 0	GLOBAL X FDS	PUT	
37954Y 36 8	GLOBAL X FDS	S&P EX US ETF	
37954Y 37 6 *	GLOBAL X FDS	RATE PREFERRED	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 306

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37954Y 90 6	GLOBAL X FDS	CALL	
37954Y 95 6	GLOBAL X FDS	PUT	
37954Y 38 4 *	GLOBAL X FDS	CYBRSCURTY ETF	
37954Y 90 4	GLOBAL X FDS	CALL	
37954Y 95 4	GLOBAL X FDS	PUT	
37954Y 39 2 *	GLOBAL X FDS	VDEO GAM ESPRT	
37954Y 90 2	GLOBAL X FDS	CALL	
37954Y 95 2	GLOBAL X FDS	PUT	
37954Y 41 8 *	GLOBAL X FDS	THMATC GWT ETF	
37954Y 90 8	GLOBAL X FDS	CALL	
37954Y 95 8	GLOBAL X FDS	PUT	
37954Y 43 4 *	GLOBAL X FDS	GENOMIC BIOTECH	
37954Y 90 4	GLOBAL X FDS	CALL	
37954Y 95 4	GLOBAL X FDS	PUT	
37954Y 44 2 *	GLOBAL X FDS	CLOUD COMPUTNG	
37954Y 90 2	GLOBAL X FDS	CALL	
37954Y 95 2	GLOBAL X FDS	PUT	
37954Y 45 9 *	GLOBAL X FDS	RUSSELL 2000	
37954Y 90 9	GLOBAL X FDS	CALL	
37954Y 95 9	GLOBAL X FDS	PUT	
37954Y 46 7 *	GLOBAL X FDS	E COMMERCE ETF	
37954Y 90 7	GLOBAL X FDS	CALL	
37954Y 95 7	GLOBAL X FDS	PUT	
37954Y 47 5 *	GLOBAL X FDS	S&P 500 COVERED	
37954Y 90 5	GLOBAL X FDS	CALL	
37954Y 95 5	GLOBAL X FDS	PUT	
37954Y 48 3 *	GLOBAL X FDS	NASDAQ 100 COVER	
37954Y 90 3	GLOBAL X FDS	CALL	
37954Y 95 3	GLOBAL X FDS	PUT	
37954Y 49 1 *	GLOBAL X FDS	DAX GERMANY ETF	
37954Y 90 1	GLOBAL X FDS	CALL	
37954Y 95 1	GLOBAL X FDS	PUT	
37954Y 51 7 *	GLOBAL X FDS	MSCI CHINA UTL	
37954Y 90 7	GLOBAL X FDS	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 307

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37954Y 95 7	GLOBAL X FDS	PUT	
37954Y 53 3 *	GLOBAL X FDS	MSCI CHINA IT	
37954Y 90 3	GLOBAL X FDS	CALL	
37954Y 95 3	GLOBAL X FDS	PUT	
37954Y 54 1 *	GLOBAL X FDS	MSCI CHINA HC	
37954Y 90 1	GLOBAL X FDS	CALL	
37954Y 95 1	GLOBAL X FDS	PUT	
37954Y 55 8 *	GLOBAL X FDS	MSCI CHINA CON	
37954Y 90 8	GLOBAL X FDS	CALL	
37954Y 95 8	GLOBAL X FDS	PUT	
37954Y 57 4	GLOBAL X FDS	ADAPTIVE US	
37954Y 61 6 *	GLOBAL X FDS	S&P 500 QLT ETF	
37954Y 90 6	GLOBAL X FDS	CALL	
37954Y 95 6	GLOBAL X FDS	PUT	
37954Y 62 4 *	GLOBAL X FDS	AUTONMOUS EV ETF	
37954Y 90 4	GLOBAL X FDS	CALL	
37954Y 95 4	GLOBAL X FDS	PUT	
37954Y 63 2 *	GLOBAL X FDS	ARTIFICIAL ETF	
37954Y 90 2	GLOBAL X FDS	CALL	
37954Y 95 2	GLOBAL X FDS	PUT	
37954Y 65 7 *	GLOBAL X FDS	US PFD ETF	
37954Y 90 7	GLOBAL X FDS	CALL	
37954Y 95 7	GLOBAL X FDS	PUT	
37954Y 66 5	GLOBAL X FDS	GBL X MSCI NIGER	
37954Y 67 3 *	GLOBAL X FDS	US INFR DEV ETF	
37954Y 90 3	GLOBAL X FDS	CALL	
37954Y 95 3	GLOBAL X FDS	PUT	
37954Y 68 1 *	GLOBAL X FDS	FOUNDER RUN CO	
37954Y 90 1	GLOBAL X FDS	CALL	
37954Y 95 1	GLOBAL X FDS	PUT	
37954Y 69 9 *	GLOBAL X FDS	MSCI SUPDIV EA	
37954Y 90 9	GLOBAL X FDS	CALL	
37954Y 95 9	GLOBAL X FDS	PUT	
37954Y 70 7	GLOBAL X FDS	RENEWABLE ENERGY	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
37954Y 71 5 *	GLOBAL X FDS	RBPCS ARTFL INTE	
37954Y 90 5	GLOBAL X FDS	CALL	
37954Y 95 5	GLOBAL X FDS	PUT	
37954Y 73 1 *	GLOBAL X FDS	CONSCIOUS COS	
37954Y 90 1	GLOBAL X FDS	CALL	
37954Y 95 1	GLOBAL X FDS	PUT	
37954Y 76 4 *	GLOBAL X FDS	MILLENNIAL CONSU	
37954Y 90 4	GLOBAL X FDS	CALL	
37954Y 95 4	GLOBAL X FDS	PUT	
37954Y 77 2 *	GLOBAL X FDS	AGING POPULATION	
37954Y 90 2	GLOBAL X FDS	CALL	
37954Y 95 2	GLOBAL X FDS	PUT	
37954Y 78 0 *	GLOBAL X FDS	INTERNET OF THNG	
37954Y 90 0	GLOBAL X FDS	CALL	
37954Y 95 0	GLOBAL X FDS	PUT	
37954Y 79 8 *	GLOBAL X FDS	HEALTH WELLNESS	
37954Y 90 8	GLOBAL X FDS	CALL	
37954Y 95 8	GLOBAL X FDS	PUT	
37954Y 80 6 *	GLOBAL X FDS	ALTERNATIVE INCM	
37954Y 90 6	GLOBAL X FDS	CALL	
37954Y 95 6	GLOBAL X FDS	PUT	
37954Y 81 4 *	GLOBAL X FDS	FINTECH ETF	
37954Y 90 4	GLOBAL X FDS	CALL	
37954Y 95 4	GLOBAL X FDS	PUT	
37954Y 83 0 *	GLOBAL X FDS	GLOBAL X COPPER	
37954Y 90 0	GLOBAL X FDS	CALL	
37954Y 95 0	GLOBAL X FDS	PUT	
37954Y 84 8 *	GLOBAL X FDS	GLOBAL X SILVER	
37954Y 90 8	GLOBAL X FDS	CALL	
37954Y 95 8	GLOBAL X FDS	PUT	
37954Y 85 5 *	GLOBAL X FDS	LITHIUM BTRY ETF	
37954Y 90 5	GLOBAL X FDS	CALL	
37954Y 95 5	GLOBAL X FDS	PUT	
37954Y 86 3 *	GLOBAL X FDS	GLOBAL X GOLD EX	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 309

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
37954Y 90 3	GLOBAL X FDS	CALL	
37954Y 95 3	GLOBAL X FDS	PUT	
37954Y 87 1 *	GLOBAL X FDS	GLOBAL X URANIUM	
37954Y 90 1	GLOBAL X FDS	CALL	
37954Y 95 1	GLOBAL X FDS	PUT	
37954Y 88 9 *	GLOBAL X FDS	S&P 500 CATHOLIC	
37954Y 90 9	GLOBAL X FDS	CALL	
37954Y 95 9	GLOBAL X FDS	PUT	
37955N 10 6 *	GLOBAL SELF STORAGE INC	COM	
37955N 90 6	GLOBAL SELF STORAGE INC	CALL	
37955N 95 6	GLOBAL SELF STORAGE INC	PUT	
379577 20 8 *	GLOBUS MED INC	CL A	
379577 90 8	GLOBUS MED INC	CALL	
379577 95 8	GLOBUS MED INC	PUT	
37959E 10 2 *	GLOBE LIFE INC	COM	
37959E 90 2	GLOBE LIFE INC	CALL	
37959E 95 2	GLOBE LIFE INC	PUT	
37959R 10 3	GLOBAL INDEMNITY GROUP LLC	COM CL A	
37960A 10 7	GLOBAL X FDS	S&P 500 TAIL	
37960A 20 6 *	GLOBAL X FDS	S&P 500 RISK	
37960A 90 6	GLOBAL X FDS	CALL	
37960A 95 6	GLOBAL X FDS	PUT	
37960A 30 5	GLOBAL X FDS	S&P 500 COLLAR	
37960A 40 4	GLOBAL X FDS	NASDAQ 100 TAI	
37960A 50 3 *	GLOBAL X FDS	NASDAQ 100 RIS	
37960A 90 3	GLOBAL X FDS	CALL	
37960A 95 3	GLOBAL X FDS	PUT	
37960A 60 2	GLOBAL X FDS	NASDAQ 100 COLA	
37960A 61 0	GLOBAL X FDS	NASDAQ 100 ESG	ADDED
37960A 62 8	GLOBAL X FDS	S&P 500 ESG COVE	ADDED
37960A 65 1 *	GLOBAL X FDS	SUPERDVIDND REIT	
37960A 90 1	GLOBAL X FDS	CALL	
37960A 95 1	GLOBAL X FDS	PUT	
37960A 66 9 *	GLOBAL X FDS	SUPERDIVIDEND	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 310

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37960A 90 9	GLOBAL X FDS	CALL	
37960A 95 9	GLOBAL X FDS	PUT	
37960A 67 7 *	GLOBAL X FDS	MSCI SUPR EM ETF	
37960A 90 7	GLOBAL X FDS	CALL	
37960A 95 7	GLOBAL X FDS	PUT	
37960A 68 5 *	GLOBAL X FDS	MSCI CHINA RE	
37960A 90 5	GLOBAL X FDS	CALL	
37960A 95 5	GLOBAL X FDS	PUT	
37960A 69 3 *	GLOBAL X FDS	EMKT INTRNT ECOM	
37960A 90 3	GLOBAL X FDS	CALL	
37960A 95 3	GLOBAL X FDS	PUT	
37960A 70 1 *	GLOBAL X FDS	SOLAR ETF	
37960A 90 1	GLOBAL X FDS	CALL	
37960A 95 1	GLOBAL X FDS	PUT	
37960A 71 9 *	GLOBAL X FDS	EDUCATION ETF	
37960A 90 9	GLOBAL X FDS	CALL	
37960A 95 9	GLOBAL X FDS	PUT	
37960A 72 7 *	GLOBAL X FDS	BLOCKCHAIN & BIT	
37960A 90 7	GLOBAL X FDS	CALL	
37960A 95 7	GLOBAL X FDS	PUT	
37960A 73 5 *	GLOBAL X FDS	GBL X BLOCKCHAIN	
37960A 90 5	GLOBAL X FDS	CALL	
37960A 95 5	GLOBAL X FDS	PUT	
37960A 74 3 *	GLOBAL X FDS	INFORMATION TEC	
37960A 90 3	GLOBAL X FDS	CALL	
37960A 95 3	GLOBAL X FDS	PUT	
37960A 75 0 *	GLOBAL X FDS	HEALTH CARE COVR	
37960A 90 0	GLOBAL X FDS	CALL	
37960A 95 0	GLOBAL X FDS	PUT	
37960A 76 8 *	GLOBAL X FDS	FINANCIALS COVRD	
37960A 90 8	GLOBAL X FDS	CALL	
37960A 95 8	GLOBAL X FDS	PUT	
37960A 77 6 *	GLOBAL X FDS	RUSSELL 2000 COV	
37960A 90 6	GLOBAL X FDS	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 311

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
37960A 95 6	GLOBAL X FDS	PUT	
37960A 78 4	GLOBAL X FDS	INTEREST RT HEDG	
37960A 79 2 *	GLOBAL X FDS	INT RT VOLTLTY	
37960A 90 2	GLOBAL X FDS	CALL	
37960A 95 2	GLOBAL X FDS	PUT	
37960A 80 0 *	GLOBAL X FDS	WIND ENERGY ETF	
37960A 90 0	GLOBAL X FDS	CALL	
37960A 95 0	GLOBAL X FDS	PUT	
37960A 83 4 *	GLOBAL X FDS	METAVVERSE ETF	
37960A 90 4	GLOBAL X FDS	CALL	
37960A 95 4	GLOBAL X FDS	PUT	
37960A 84 2 *	GLOBAL X FDS	GREEN BUILDNG ET	
37960A 90 2	GLOBAL X FDS	CALL	
37960A 95 2	GLOBAL X FDS	PUT	
37960A 85 9 *	GLOBAL X FDS	DOW 30 COVERED C	
37960A 90 9	GLOBAL X FDS	CALL	
37960A 95 9	GLOBAL X FDS	PUT	
37960A 86 7 *	GLOBAL X FDS	DISRUPTIVE MATLS	
37960A 90 7	GLOBAL X FDS	CALL	
37960A 95 7	GLOBAL X FDS	PUT	
37960A 88 3	GLOBAL X FDS	MSCI VIETNAM ETF	
37961B 10 4	GLOBAL BLOCKCHAIN ACQUI CORP	COMMON STOCK	
37961B 11 2	GLOBAL BLOCKCHAIN ACQUI CORP	RIGHT 05/09/2027	
37961B 12 0	GLOBAL BLOCKCHAIN ACQUI CORP	*W EXP 05/09/202	
37962G 10 2	GLOBAL STAR ACQUISITION INC	CLASS A COM	
37962G 11 0	GLOBAL STAR ACQUISITION INC	*W EXP 07/15/202	
37962G 12 8	GLOBAL STAR ACQUISITION INC	RIGHT 06/21/2024	
37962G 20 1	GLOBAL STAR ACQUISITION INC	UNIT 07/15/2028	
38000Q 10 2 *	GLYCOMIMETICS INC	COM	
38000Q 90 2	GLYCOMIMETICS INC	CALL	
38000Q 95 2	GLYCOMIMETICS INC	PUT	
38021H 10 7	GOAL ACQUISITIONS CORP	COM	
38021H 11 5	GOAL ACQUISITIONS CORP	*W EXP 02/11/202	
38021H 20 6	GOAL ACQUISITIONS CORP	UNIT 99/99/9999	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 312

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
380237 10 7 *	GODADDY INC	CL A	
380237 90 7	GODADDY INC	CALL	
380237 95 7	GODADDY INC	PUT	
38045R 20 6 *	GOL LINHAS AEREAS INTELIGENT	SPON ADR PFD NEW	
38045R 90 6	GOL LINHAS AEREAS INTELIGENT	CALL	
38045R 95 6	GOL LINHAS AEREAS INTELIGENT	PUT	
38046C 10 9 *	GOGO INC	COM	
38046C 90 9	GOGO INC	CALL	
38046C 95 9	GOGO INC	PUT	
38046W 20 4 *	GOHEALTH INC	CL A NEW	
38046W 90 4	GOHEALTH INC	CALL	
38046W 95 4	GOHEALTH INC	PUT	
38059T 10 6 *	GOLD FIELDS LTD	SPONSORED ADR	
38059T 90 6	GOLD FIELDS LTD	CALL	
38059T 95 6	GOLD FIELDS LTD	PUT	
38068T 10 5 *	GOLD RESOURCE CORP	COM	
38068T 90 5	GOLD RESOURCE CORP	CALL	
38068T 95 5	GOLD RESOURCE CORP	PUT	
38071H 10 6 *	GOLD ROYALTY CORP	COMMON SHARES	
38071H 90 6	GOLD ROYALTY CORP	CALL	
38071H 95 6	GOLD ROYALTY CORP	PUT	
38071H 11 4	GOLD ROYALTY CORP	*W EXP 99/99/999	
380799 10 6	GOLDEN ARROW MERGER CORP	CLASS A COM	
380799 11 4	GOLDEN ARROW MERGER CORP	*W EXP 07/31/202	
380799 20 5	GOLDEN ARROW MERGER CORP	UNIT 07/31/2026	
381013 10 1 *	GOLDEN ENTMT INC	COM	
381013 90 1	GOLDEN ENTMT INC	CALL	
381013 95 1	GOLDEN ENTMT INC	PUT	
38102H 10 9	GOLDEN FALCON ACQUISITION CO	CL A	
38102H 11 7	GOLDEN FALCON ACQUISITION CO	*W EXP 11/04/202	
38102H 20 8	GOLDEN FALCON ACQUISITION CO	UNIT 99/99/9999	
381098 30 0 *	GOLDEN MATRIX GROUP INC	COM	
381098 90 0	GOLDEN MATRIX GROUP INC	CALL	
381098 95 0	GOLDEN MATRIX GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 313

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
381119 10 6 *	GOLDEN MINERALS CO	COM	
381119 90 6	GOLDEN MINERALS CO	CALL	
381119 95 6	GOLDEN MINERALS CO	PUT	
38136Y 10 2	GOLDENSTONE ACQUISITION LTD	COM	
38136Y 11 0	GOLDENSTONE ACQUISITION LTD	*W EXP 07/15/202	
38136Y 12 8	GOLDENSTONE ACQUISITION LTD	RIGHT 07/15/2026	
38136Y 20 1	GOLDENSTONE ACQUISITION LTD	UNIT 07/15/2026	
38141G 10 4 *	GOLDMAN SACHS GROUP INC	COM	
38141G 90 4	GOLDMAN SACHS GROUP INC	CALL	
38141G 95 4	GOLDMAN SACHS GROUP INC	PUT	
381430 10 7 *	GOLDMAN SACHS ETF TR	ACTIVEBETA INT	
381430 90 7	GOLDMAN SACHS ETF TR	CALL	
381430 95 7	GOLDMAN SACHS ETF TR	PUT	
381430 12 3 *	GOLDMAN SACHS ETF TR	MARKETBETA US EQ	
381430 90 3	GOLDMAN SACHS ETF TR	CALL	
381430 95 3	GOLDMAN SACHS ETF TR	PUT	
381430 16 4	GOLDMAN SACHS ETF TR	MARKETBETA EMRNG	
381430 18 0	GOLDMAN SACHS ETF TR	MARKETBETA INTL	
381430 20 6 *	GOLDMAN SACHS ETF TR	ACTIVEBETA EME	
381430 90 6	GOLDMAN SACHS ETF TR	CALL	
381430 95 6	GOLDMAN SACHS ETF TR	PUT	
381430 23 0	GOLDMAN SACHS ETF TR	ACES ULTRA SHR	
381430 30 5	GOLDMAN SACHS ETF TR	ACTIVEBETA EUR	
381430 36 2	GOLDMAN SACHS ETF TR	ACCESS INFLATI	
381430 38 8	GOLDMAN SACHS ETF TR	ACCESS EMNG MKTS	
381430 39 6 *	GOLDMAN SACHS ETF TR	JUST US LRG CP	
381430 90 6	GOLDMAN SACHS ETF TR	CALL	
381430 95 6	GOLDMAN SACHS ETF TR	PUT	
381430 40 4	GOLDMAN SACHS ETF TR	ACTIVEBETA JAP	
381430 43 8 *	GOLDMAN SACHS ETF TR	EQUAL WEIGHT US	
381430 90 8	GOLDMAN SACHS ETF TR	CALL	
381430 95 8	GOLDMAN SACHS ETF TR	PUT	
381430 45 3 *	GOLDMAN SACHS ETF TR	ACCESS HIG YLD	
381430 90 3	GOLDMAN SACHS ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 314

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
381430 95 3	GOLDMAN SACHS ETF TR	PUT	
381430 47 9 *	GOLDMAN SACHS ETF TR	ACCESS INVT GR	
381430 90 9	GOLDMAN SACHS ETF TR	CALL	
381430 95 9	GOLDMAN SACHS ETF TR	PUT	
381430 50 3 *	GOLDMAN SACHS ETF TR	ACTIVEBETA US LG	
381430 90 3	GOLDMAN SACHS ETF TR	CALL	
381430 95 3	GOLDMAN SACHS ETF TR	PUT	
381430 52 9 *	GOLDMAN SACHS ETF TR	ACCES TREASURY	
381430 90 9	GOLDMAN SACHS ETF TR	CALL	
381430 95 9	GOLDMAN SACHS ETF TR	PUT	
381430 54 5 *	GOLDMAN SACHS ETF TR	HEDGE IND ETF	
381430 90 5	GOLDMAN SACHS ETF TR	CALL	
381430 95 5	GOLDMAN SACHS ETF TR	PUT	
381430 60 2	GOLDMAN SACHS ETF TR	ACTIVEBETA US	
38147U 10 7 *	GOLDMAN SACHS BDC INC	SHS	
38147U 90 7	GOLDMAN SACHS BDC INC	CALL	
38147U 95 7	GOLDMAN SACHS BDC INC	PUT	
38148G 20 6	GOLDMAN SACHS MLP ENERGY REN	COM	
38149E 10 1	GOLDMINING INC	COM	
38149W 10 1	GOLDMAN SACHS ETF TR	ACCESS US AGRAT	
38149W 50 7	GOLDMAN SACHS ETF TR	ACES INVSTMNT GR	
38149W 65 5 *	GOLDMAN SACHS ETF TR	DEFENSIVE EQUITY	ADDED
38149W 90 5	GOLDMAN SACHS ETF TR	CALL	ADDED
38149W 95 5	GOLDMAN SACHS ETF TR	PUT	ADDED
38149W 66 3	GOLDMAN SACHS ETF TR	COMMUNITY MUNI	ADDED
38149W 73 9 *	GOLDMAN SACHS ETF TR	ACTIVEBETA WRLD	
38149W 90 9	GOLDMAN SACHS ETF TR	CALL	
38149W 95 9	GOLDMAN SACHS ETF TR	PUT	
38149W 74 7	GOLDMAN SACHS ETF TR	ACTIVEBETA PARIS	
38149W 75 4 *	GOLDMAN SACHS ETF TR	BLOOMBERG CLEAN	
38149W 90 4	GOLDMAN SACHS ETF TR	CALL	
38149W 95 4	GOLDMAN SACHS ETF TR	PUT	
38149W 76 2	GOLDMAN SACHS ETF TR	FUTURE REAL ESTA	
38149W 77 0 *	GOLDMAN SACHS ETF TR	FUTURE HEALTH	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 315

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
38149W 90 0	GOLDMAN SACHS ETF TR	CALL	
38149W 95 0	GOLDMAN SACHS ETF TR	PUT	
38149W 78 8	GOLDMAN SACHS ETF TR	FUTURE CONSUMER	
38149W 79 6	GOLDMAN SACHS ETF TR	FUTURE	
38149W 81 2 *	GOLDMAN SACHS ETF TR	FUTURE TECH LEAD	
38149W 90 2	GOLDMAN SACHS ETF TR	CALL	
38149W 95 2	GOLDMAN SACHS ETF TR	PUT	
38149W 82 0 *	GOLDMAN SACHS ETF TR	INNOVAT EQ ETF	
38149W 90 0	GOLDMAN SACHS ETF TR	CALL	
38149W 95 0	GOLDMAN SACHS ETF TR	PUT	
38150K 10 3	GOLDMAN SACHS PHYSICAL GOLD	UNIT	
38150W 10 7	GOLDMAN SACHS ETF TRUST II	MARKETBETA US EQ	
38173M 10 2 *	GOLUB CAP BDC INC	COM	
38173M 90 2	GOLUB CAP BDC INC	CALL	
38173M 95 2	GOLUB CAP BDC INC	PUT	
382140 87 9 *	GOOD TIMES RESTAURANTS INC	COM NEW	
382140 90 9	GOOD TIMES RESTAURANTS INC	CALL	
382140 95 9	GOOD TIMES RESTAURANTS INC	PUT	
38216G 10 4	GOOD WKS II ACQUISITION CORP	COMMON STOCK	DELETED
38216G 11 2	GOOD WKS II ACQUISITION CORP	*W EXP 02/01/202	DELETED
38246G 10 8 *	GOODRX HLDGS INC	COM CL A	
38246G 90 8	GOODRX HLDGS INC	CALL	
38246G 95 8	GOODRX HLDGS INC	PUT	
382550 10 1 *	GOODYEAR TIRE & RUBR CO	COM	
382550 90 1	GOODYEAR TIRE & RUBR CO	CALL	
382550 95 1	GOODYEAR TIRE & RUBR CO	PUT	
38267D 10 9 *	GOOSEHEAD INS INC	COM CL A	
38267D 90 9	GOOSEHEAD INS INC	CALL	
38267D 95 9	GOOSEHEAD INS INC	PUT	
38268T AD 5	GOPRO INC	NOTE 1.250%11/1	
38268T 10 3 *	GOPRO INC	CL A	
38268T 90 3	GOPRO INC	CALL	
38268T 95 3	GOPRO INC	PUT	
38287A 10 1	GORES HOLDINGS IX INC	CLASS A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 316

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
38287A 11 9	GORES HOLDINGS IX INC	*W EXP 01/14/202	
38287A 20 0	GORES HOLDINGS IX INC	UNIT 01/14/2029	
383082 10 4 *	GORMAN RUPP CO	COM	
383082 90 4	GORMAN RUPP CO	CALL	
383082 95 4	GORMAN RUPP CO	PUT	
38341P AA 0	GOSSAMER BIO INC	NOTE 5.000% 6/0	
38341P 10 2 *	GOSSAMER BIO INC	COM	
38341P 90 2	GOSSAMER BIO INC	CALL	
38341P 95 2	GOSSAMER BIO INC	PUT	
38406L 10 3	GRACELL BIOTECHNOLOGIES INC	SPONSORED ADS	
384109 10 4 *	GRACO INC	COM	
384109 90 4	GRACO INC	CALL	
384109 95 4	GRACO INC	PUT	
384272 10 0	GRAF ACQUISITION CORP IV	COM	
384272 11 8	GRAF ACQUISITION CORP IV	*W EXP 05/31/202	
384272 20 9	GRAF ACQUISITION CORP IV	UNIT 05/31/2028	
384313 50 8 *	GRAFTECH INTL LTD	COM	
384313 90 8	GRAFTECH INTL LTD	CALL	
384313 95 8	GRAFTECH INTL LTD	PUT	
384556 10 6 *	GRAHAM CORP	COM	
384556 90 6	GRAHAM CORP	CALL	
384556 95 6	GRAHAM CORP	PUT	
384637 10 4	GRAHAM HLDGS CO	COM CL B	
384802 10 4 *	GRAINGER W W INC	COM	
384802 90 4	GRAINGER W W INC	CALL	
384802 95 4	GRAINGER W W INC	PUT	
38500T 10 1 *	GRAN TIERRA ENERGY INC	COM	
38500T 90 1	GRAN TIERRA ENERGY INC	CALL	
38500T 95 1	GRAN TIERRA ENERGY INC	PUT	
38526M 10 6 *	GRAND CANYON ED INC	COM	
38526M 90 6	GRAND CANYON ED INC	CALL	
38526M 95 6	GRAND CANYON ED INC	PUT	
387328 AB 3	GRANITE CONSTR INC	NOTE 2.750%11/0	
387328 10 7 *	GRANITE CONSTR INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 317

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
387328 90 7	GRANITE CONSTR INC	CALL	
387328 95 7	GRANITE CONSTR INC	PUT	
38741L AC 1	GRANITE PT MTG TR INC	NOTE 6.375%10/0	
38741L 10 7 *	GRANITE PT MTG TR INC	COM STK	
38741L 90 7	GRANITE PT MTG TR INC	CALL	
38741L 95 7	GRANITE PT MTG TR INC	PUT	
387432 10 7	GRANITE RIDGE RESOURCES INC	COM	
387432 11 5	GRANITE RIDGE RESOURCES INC	*W EXP 10/24/202	
387437 11 4 *	GRANITE REAL ESTATE INVT TR	UNIT 99/99/9999	
387437 90 4	GRANITE REAL ESTATE INVT TR	CALL	
387437 95 4	GRANITE REAL ESTATE INVT TR	PUT	
38747R 10 8 *	GRANITESHARES ETF TR	BBG COMMD K 1	
38747R 90 8	GRANITESHARES ETF TR	CALL	
38747R 95 8	GRANITESHARES ETF TR	PUT	
38747R 30 6	GRANITESHARES ETF TR	HIPS US HIGH INC	
38747R 60 3	GRANITESHARES ETF TR	XOUT US LRG CP	
38747R 70 2 *	GRANITESHARES ETF TR	1.25X LNG TESLA	
38747R 90 2	GRANITESHARES ETF TR	CALL	
38747R 95 2	GRANITESHARES ETF TR	PUT	
38747R 80 1 *	GRANITESHARES ETF TR	1.5X LNG COINBSE	
38747R 90 1	GRANITESHARES ETF TR	CALL	
38747R 95 1	GRANITESHARES ETF TR	PUT	
38747R 82 7	GRANITESHARES ETF TR	1.5X LNG NVDA DL	
38747R 84 3	GRANITESHARES ETF TR	1.5X LNG META DL	
38747R 86 8	GRANITESHARES ETF TR	1.75X LG BABA DL	
38747R 87 6 *	GRANITESHARES ETF TR	1X SHRT TSLA DLY	
38747R 90 6	GRANITESHARES ETF TR	CALL	
38747R 95 6	GRANITESHARES ETF TR	PUT	
38747R 88 4 *	GRANITESHARES ETF TR	1.75X LG AAPL DL	
38747R 90 4	GRANITESHARES ETF TR	CALL	
38747R 95 4	GRANITESHARES ETF TR	PUT	
38748G 10 1	GRANITESHARES GOLD TR	SHS BEN INT	
38748T 10 3	GRANITESHARES PLATINUM TR	SHS BEN INT	
38867H 10 4	GRAPHEX GROUP LTD	SPONSORED ADS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 318

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
388689 10 1 *	GRAPHIC PACKAGING HLDG CO	COM	
388689 90 1	GRAPHIC PACKAGING HLDG CO	CALL	
388689 95 1	GRAPHIC PACKAGING HLDG CO	PUT	
38870X 10 4 *	GRAPHITE BIO INC	COM	
38870X 90 4	GRAPHITE BIO INC	CALL	
38870X 95 4	GRAPHITE BIO INC	PUT	
38911N 20 6	GRAVITY CO LTD	SPONSORED ADS NE	
389375 10 6 *	GRAY TELEVISION INC	COM	
389375 90 6	GRAY TELEVISION INC	CALL	
389375 95 6	GRAY TELEVISION INC	PUT	
389375 20 5	GRAY TELEVISION INC	CL A	
38942Q 10 3 *	GRAYBUG VISION INC	COMMON	DELETED
38942Q 90 3	GRAYBUG VISION INC	CALL	DELETED
38942Q 95 3	GRAYBUG VISION INC	PUT	DELETED
38983D 30 0 *	GREAT AJAX CORP	COM	
38983D 90 0	GREAT AJAX CORP	CALL	
38983D 95 0	GREAT AJAX CORP	PUT	
38983D 40 9	GREAT AJAX CORP	7.25 CV SR NT 24	
390320 70 3	GREAT ELM CAP CORP	COM NEW	
39037G 10 9	GREAT ELM GROUP INC	COM NEW	
390607 10 9 *	GREAT LAKES DREDGE & DOCK CO	COM	
390607 90 9	GREAT LAKES DREDGE & DOCK CO	CALL	
390607 95 9	GREAT LAKES DREDGE & DOCK CO	PUT	
390905 10 7 *	GREAT SOUTHN BANCORP INC	COM	
390905 90 7	GREAT SOUTHN BANCORP INC	CALL	
390905 95 7	GREAT SOUTHN BANCORP INC	PUT	
392709 10 1 *	GREEN BRICK PARTNERS INC	COM	
392709 90 1	GREEN BRICK PARTNERS INC	CALL	
392709 95 1	GREEN BRICK PARTNERS INC	PUT	
39304D 10 2 *	GREEN DOT CORP	CL A	
39304D 90 2	GREEN DOT CORP	CALL	
39304D 95 2	GREEN DOT CORP	PUT	
393221 10 6 *	GREEN PLAINS PARTNERS LP	COM REP PTR IN	
393221 90 6	GREEN PLAINS PARTNERS LP	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 319

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
393221 95 6	GREEN PLAINS PARTNERS LP	PUT	
393222 AK 0	GREEN PLAINS INC	NOTE 2.250% 3/1	
393222 10 4 *	GREEN PLAINS INC	COM	
393222 90 4	GREEN PLAINS INC	CALL	
393222 95 4	GREEN PLAINS INC	PUT	
393657 AK 7	GREENBRIER COS INC	NOTE 2.875% 2/0	
393657 AM 3	GREENBRIER COS INC	NOTE 2.875% 4/1	
393657 10 1 *	GREENBRIER COS INC	COM	
393657 90 1	GREENBRIER COS INC	CALL	
393657 95 1	GREENBRIER COS INC	PUT	
39366L 20 8 *	RYVYL INC	COM NEW	
39366L 90 8	RYVYL INC	CALL	
39366L 95 8	RYVYL INC	PUT	
393704 30 9	GREENBROOK TMS INC	COM NEW	
394357 10 7	GREENE CNTY BANCORP INC	COM	
395259 10 4 *	GREENHILL & CO INC	COM	
395259 90 4	GREENHILL & CO INC	CALL	
395259 95 4	GREENHILL & CO INC	PUT	
39531G 10 0 *	GREENIDGE GENERATION HLDGS I	CLASS A COM	
39531G 90 0	GREENIDGE GENERATION HLDGS I	CALL	
39531G 95 0	GREENIDGE GENERATION HLDGS I	PUT	
395330 20 2	GREENLANE HLDGS INC	CL A NEW	
39536G 10 5	GREENLIGHT BIOSCIENCS HLDS P	COMMON STOCK	
39536G 11 3	GREENLIGHT BIOSCIENCS HLDS P	*W EXP 02/02/202	
395366 AB 3	GREENLIGHT CAP RE LTD	NOTE 4.000% 8/0	
39540E 30 2 *	GREENPOWER MTR CO INC	COM NEW	
39540E 90 2	GREENPOWER MTR CO INC	CALL	
39540E 95 2	GREENPOWER MTR CO INC	PUT	
39540F 30 9	GREENPRO CAP CORP	COM NEW	
39579V 10 0	GREENTREE HOSPITALITY GROUP	SPONSORED ADS	
396879 10 8	GREENWICH LIFESCIENCES INC	COM	
397624 10 7 *	GREIF INC	CL A	
397624 90 7	GREIF INC	CALL	
397624 95 7	GREIF INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 320

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
397624 20 6	GREIF INC	CL B	
39813G 10 9 *	GRID DYNAMICS HLDGS INC	CL A	
39813G 90 9	GRID DYNAMICS HLDGS INC	CALL	
39813G 95 9	GRID DYNAMICS HLDGS INC	PUT	
398433 10 2 *	GRIFFON CORP	COM	
398433 90 2	GRIFFON CORP	CALL	
398433 95 2	GRIFFON CORP	PUT	
398438 40 8 *	GRIFOLS S A	SP ADR REP B NVT	
398438 90 8	GRIFOLS S A	CALL	
398438 95 8	GRIFOLS S A	PUT	
39854F 10 1	GRINDR INC	COM	
39854F 11 9	GRINDR INC	*W EXP 11/18/202	
39868T 10 5 *	GRITSTONE BIO INC	COM	
39868T 90 5	GRITSTONE BIO INC	CALL	
39868T 95 5	GRITSTONE BIO INC	PUT	
39874R 10 1 *	GROCERY OUTLET HLDG CORP	COM	
39874R 90 1	GROCERY OUTLET HLDG CORP	CALL	
39874R 95 1	GROCERY OUTLET HLDG CORP	PUT	
39878L 12 6	GROM SOCIAL ENTRPRISES INC	*W EXP 06/21/202	
39878L 40 7 *	GROM SOCIAL ENTRPRISES INC	COM	
39878L 90 7	GROM SOCIAL ENTRPRISES INC	CALL	
39878L 95 7	GROM SOCIAL ENTRPRISES INC	PUT	
398905 10 9 *	GROUP 1 AUTOMOTIVE INC	COM	
398905 90 9	GROUP 1 AUTOMOTIVE INC	CALL	
398905 95 9	GROUP 1 AUTOMOTIVE INC	PUT	
399473 AF 4	GROUPON INC	NOTE 1.125% 3/1	
399473 20 6 *	GROUPON INC	COM NEW	
399473 90 6	GROUPON INC	CALL	
399473 95 6	GROUPON INC	PUT	
39957D 10 2 *	GROVE COLLABORATIVE HOLD INC	COM CL A	
39957D 90 2	GROVE COLLABORATIVE HOLD INC	CALL	
39957D 95 2	GROVE COLLABORATIVE HOLD INC	PUT	
39957D 11 0	GROVE COLLABORATIVE HOLD INC	*W EXP 06/16/202	
39959A 10 6 *	UPEXI INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 321

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
39959A 90 6	UPEXI INC	CALL	
39959A 95 6	UPEXI INC	PUT	
39986L 10 9 *	GROWGENERATION CORP	COM	
39986L 90 9	GROWGENERATION CORP	CALL	
39986L 95 9	GROWGENERATION CORP	PUT	
399909 10 0 *	GRUPO FINANCIERO GALICIA S.A	SPONSORED ADR	
399909 90 0	GRUPO FINANCIERO GALICIA S.A	CALL	
399909 95 0	GRUPO FINANCIERO GALICIA S.A	PUT	
40049J 20 6 *	GRUPO TELEVISA S A B	SPON ADR REP ORD	
40049J 90 6	GRUPO TELEVISA S A B	CALL	
40049J 95 6	GRUPO TELEVISA S A B	PUT	
400491 10 6	GRUPO SIMEC SAB DE C V	ADR	
400501 10 2 *	GRUPO AEROPORTUARIO DEL CENT	SPON ADR	
400501 90 2	GRUPO AEROPORTUARIO DEL CENT	CALL	
400501 95 2	GRUPO AEROPORTUARIO DEL CENT	PUT	
400506 10 1	GRUPO AEROPUERTO DEL PACIFIC	SPON ADR B	
40051E 20 2 *	GRUPO AEROPORTUARIO DEL SURE	SPON ADR SER B	
40051E 90 2	GRUPO AEROPORTUARIO DEL SURE	CALL	
40051E 95 2	GRUPO AEROPORTUARIO DEL SURE	PUT	
40053W 10 1	GRUPO AVAL ACCIONES Y VALORE	SPONSORED ADS	
40054A 10 8 *	GRUPO SUPERVIELLE S.A.	SPONSORED ADR	
40054A 90 8	GRUPO SUPERVIELLE S.A.	CALL	
40054A 95 8	GRUPO SUPERVIELLE S.A.	PUT	
400764 10 6	GUARANTY BANCSHARES INC TEX	COM	
40131M AB 5	GUARDANT HEALTH INC	NOTE	11/1
40131M 10 9 *	GUARDANT HEALTH INC	COM	
40131M 90 9	GUARDANT HEALTH INC	CALL	
40131M 95 9	GUARDANT HEALTH INC	PUT	
40145Q 40 1	GUARDION HEALTH SCIENCES INC	COM	DELETED
40145Q 50 0	GUARDION HEALTH SCIENCES INC	COM NEW	ADDED
401617 AD 7	GUESS INC	NOTE	2.000% 4/1
401617 10 5 *	GUESS INC	COM	
401617 90 5	GUESS INC	CALL	
401617 95 5	GUESS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 322

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
401664 10 7	GUGGENHEIM TAXABLE MUNICP BO	COM	
40167F 10 1	GUGGENHEIM STRATEGIC OPPORTU	COM SBI	
40170T 10 6	GUGGENHEIM ACTIVE ALLOC FD	COMMON STOCK	
40171V AA 8	GUIDEWIRE SOFTWARE INC	NOTE 1.250% 3/1	
40171V 10 0 *	GUIDEWIRE SOFTWARE INC	COM	
40171V 90 0	GUIDEWIRE SOFTWARE INC	CALL	
40171V 95 0	GUIDEWIRE SOFTWARE INC	PUT	
40172N 10 7	GUILD HLDGS CO	CL A	
402031 83 5	GUINNESS ATKINSON FDS	SMARTETF S DIVID	
402031 84 3	GUINNESS ATKINSON FDS	SMARTETF S ASIA	
402031 85 0	GUINNESS ATKINSON FDS	SUSTNBL ENRGY II	
402031 86 8	GUINNESS ATKINSON FDS	SMARTETF S ADVER	
402031 87 6	GUINNESS ATKINSON FDS	SMARTETF TRASP	
402307 10 2 *	GULF IS FABRICATION INC	COM	
402307 90 2	GULF IS FABRICATION INC	CALL	
402307 95 2	GULF IS FABRICATION INC	PUT	
40251W 40 8 *	GULF RES INC	COM	
40251W 90 8	GULF RES INC	CALL	
40251W 95 8	GULF RES INC	PUT	
402635 50 2 *	GULFPORT ENERGY CORP	COMMON SHARES	
402635 90 2	GULFPORT ENERGY CORP	CALL	
402635 95 2	GULFPORT ENERGY CORP	PUT	
403829 10 4	GYRODYNE LLC	COM	
403949 10 0 *	HF SINCLAIR CORP	COM	
403949 90 0	HF SINCLAIR CORP	CALL	
403949 95 0	HF SINCLAIR CORP	PUT	
404030 10 8 *	H & E EQUIPMENT SERVICES INC	COM	
404030 90 8	H & E EQUIPMENT SERVICES INC	CALL	
404030 95 8	H & E EQUIPMENT SERVICES INC	PUT	
404111 10 6 *	HBT FINL INC.	COM	
404111 90 6	HBT FINL INC.	CALL	
404111 95 6	HBT FINL INC.	PUT	
40412C 10 1 *	HCA HEALTHCARE INC	COM	
40412C 90 1	HCA HEALTHCARE INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 323

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
40412C 95 1	HCA HEALTHCARE INC	PUT	
404139 AG 2	INNOVATE CORP	NOTE 7.500% 8/0	
404139 AH 0	INNOVATE CORP	DEBT 7.500% 8/0	
40415F 10 1 *	HDFC BANK LTD	SPONSORED ADS	
40415F 90 1	HDFC BANK LTD	CALL	
40415F 95 1	HDFC BANK LTD	PUT	
40416E AD 5	HCI GROUP INC	NOTE 4.250% 3/0	
40416E 10 3 *	HCI GROUP INC	COM	
40416E 90 3	HCI GROUP INC	CALL	
40416E 95 3	HCI GROUP INC	PUT	
40417F 10 9 *	HF FOODS GROUP INC	COM	
40417F 90 9	HF FOODS GROUP INC	CALL	
40417F 95 9	HF FOODS GROUP INC	PUT	
40423R 10 5	HCW BIOLOGICS INC	COM	
40424G 10 8	HMN FINL INC	COM	
404251 10 0 *	HNI CORP	COM	
404251 90 0	HNI CORP	CALL	
404251 95 0	HNI CORP	PUT	
404280 40 6 *	HSBC HLDGS PLC	SPON ADR NEW	
404280 90 6	HSBC HLDGS PLC	CALL	
404280 95 6	HSBC HLDGS PLC	PUT	
40434H 30 2	HTG MOLECULAR DIAGNOSTICS IN	COM	
40434L 10 5 *	HP INC	COM	
40434L 90 5	HP INC	CALL	
40434L 95 5	HP INC	PUT	
40441H 10 5	HV BANCORP INC	COM	
404609 10 9 *	HACKETT GROUP INC	COM	
404609 90 9	HACKETT GROUP INC	CALL	
404609 95 9	HACKETT GROUP INC	PUT	
40472A 10 2	HNR ACQUISITION CORP	COM	
40472A 12 8	HNR ACQUISITION CORP	*W EXP 02/04/202	
405024 AB 6	HAEMONETICS CORP MASS	NOTE 3/0	
405024 10 0 *	HAEMONETICS CORP MASS	COM	
405024 90 0	HAEMONETICS CORP MASS	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 324

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
405024 95 0	HAEMONETICS CORP MASS	PUT	
405166 10 9 *	HAGERTY INC	CL A COM	
405166 90 9	HAGERTY INC	CALL	
405166 95 9	HAGERTY INC	PUT	
405166 11 7	HAGERTY INC	*W EXP 12/02/202	
405217 10 0 *	HAIN CELESTIAL GROUP INC	COM	
405217 90 0	HAIN CELESTIAL GROUP INC	CALL	
405217 95 0	HAIN CELESTIAL GROUP INC	PUT	
405552 10 0 *	HALEON PLC	SPON ADS	
405552 90 0	HALEON PLC	CALL	
405552 95 0	HALEON PLC	PUT	
40609P 10 5 *	HALLADOR ENERGY COMPANY	COM	
40609P 90 5	HALLADOR ENERGY COMPANY	CALL	
40609P 95 5	HALLADOR ENERGY COMPANY	PUT	
40619L 11 0	HALL OF FAME RESORT & ENTMT	*W EXP 07/01/202	
40619L 20 1 *	HALL OF FAME RESORT & ENTMT	COM NEW	
40619L 90 1	HALL OF FAME RESORT & ENTMT	CALL	
40619L 95 1	HALL OF FAME RESORT & ENTMT	PUT	
406216 10 1 *	HALLIBURTON CO	COM	
406216 90 1	HALLIBURTON CO	CALL	
406216 95 1	HALLIBURTON CO	PUT	
40624Q 20 3 *	HALLMARK FINL SVCS INC	COM NEW	DELETED
40624Q 90 3	HALLMARK FINL SVCS INC	CALL	DELETED
40624Q 95 3	HALLMARK FINL SVCS INC	PUT	DELETED
40624Q 30 2 *	HALLMARK FINL SVCS INC	COM	ADDED
40624Q 90 2	HALLMARK FINL SVCS INC	CALL	ADDED
40624Q 95 2	HALLMARK FINL SVCS INC	PUT	ADDED
40637H AB 5	HALOZYME THERAPEUTICS INC	NOTE 1.250%12/0	DELETED
40637H AD 1	HALOZYME THERAPEUTICS INC	NOTE 0.250% 3/0	
40637H 10 9 *	HALOZYME THERAPEUTICS INC	COM	
40637H 90 9	HALOZYME THERAPEUTICS INC	CALL	
40637H 95 9	HALOZYME THERAPEUTICS INC	PUT	
40701T 10 4 *	HAMILTON BEACH BRANDS HLDG C	COM CL A	
40701T 90 4	HAMILTON BEACH BRANDS HLDG C	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 325

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
40701T 95 4	HAMILTON BEACH BRANDS HLDG C	PUT	
407497 10 6 *	HAMILTON LANE INC	CL A	
407497 90 6	HAMILTON LANE INC	CALL	
407497 95 6	HAMILTON LANE INC	PUT	
408302 10 7	HAMMERHEAD ENERGY INC	CLASS A COM	ADDED
408302 11 5	HAMMERHEAD ENERGY INC	*W EXP 02/23/202	ADDED
409735 20 6	HANCOCK JOHN FINL OPPTYS FD	SH BEN INT NEW	
410120 10 9 *	HANCOCK WHITNEY CORPORATION	COM	
410120 90 9	HANCOCK WHITNEY CORPORATION	CALL	
410120 95 9	HANCOCK WHITNEY CORPORATION	PUT	
410123 10 3	HANCOCK JOHN INCOME SECS TR	COM	
41013P 74 9	HANCOCK JOHN INVT TR	TAX ADV GLB SH	
41013T 10 5	HANCOCK JOHN PREM DIVID FD	COM SH BEN INT	
41013V 10 0	HANCOCK JOHN TAX-ADVANTAGED	COM	
41013W 10 8	HANCOCK JOHN PFD INCOME FD	SH BEN INT	
41013X 10 6	HANCOCK JOHN PFD INCOME FD I	COM	
410142 10 3	HANCOCK JOHN INVT TR II	COM	
41021P 10 3	HANCOCK JOHN PFD INCOME FD I	COM	
410345 10 2 *	HANESBRANDS INC	COM	
410345 90 2	HANESBRANDS INC	CALL	
410345 95 2	HANESBRANDS INC	PUT	
410495 20 4 *	HANMI FINL CORP	COM NEW	
410495 90 4	HANMI FINL CORP	CALL	
410495 95 4	HANMI FINL CORP	PUT	
41068X AD 2	HANNON ARMSTRONG SUST INFR C	NOTE	8/1
41068X 10 0 *	HANNON ARMSTRONG SUST INFR C	COM	
41068X 90 0	HANNON ARMSTRONG SUST INFR C	CALL	
41068X 95 0	HANNON ARMSTRONG SUST INFR C	PUT	
410710 20 6	HANOVER BANCORP INC	COM NEW	
410867 10 5 *	HANOVER INS GROUP INC	COM	
410867 90 5	HANOVER INS GROUP INC	CALL	
410867 95 5	HANOVER INS GROUP INC	PUT	
41150T 10 8	HARBOR CUSTOM DEVELOPMENT IN	COM	DELETED
41150T 11 6	HARBOR CUSTOM DEVELOPMENT IN	*W EXP 05/09/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 326

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
41150T 12 4	HARBOR CUSTOM DEVELOPMENT IN	*W EXP 10/07/202	
41150T 20 7	HARBOR CUSTOM DEVELOPMENT IN	8% CONV PFD SR A	DELETED
41150T 30 6	HARBOR CUSTOM DEVELOPMENT IN	COM NEW	ADDED
41151J 10 9	HARBOR ETF TRUST	SCIENTIFIC HIGH	
41151J 20 8	HARBOR ETF TRUST	SCIENTIFIC INCOM	
41151J 30 7	HARBOR ETF TRUST	DISRUPTIVE INNOV	
41151J 40 6	HARBOR ETF TRUST	LONG TERM GROWER	
41151J 50 5 *	HARBOR ETF TRUST	HARBOR COMMODITY	
41151J 90 5	HARBOR ETF TRUST	CALL	
41151J 95 5	HARBOR ETF TRUST	PUT	
41151J 60 4	HARBOR ETF TRUST	CORP CULTURE LEA	
41151J 70 3	HARBOR ETF TRUST	DIVIDEND GTH LEA	
41151J 80 2	HARBOR ETF TRUST	ENERGY TRANS STR	
41151J 86 9	HARBOR ETF TRUST	HEALTH CARE ETF	
41151J 87 7	HARBOR ETF TRUST	CORPORATE CULT	
41151J 88 5	HARBOR ETF TRUST	INTERNATNAL COMP	
41165Y 10 0 *	HARBORONE BANCORP INC NEW	COM NEW	
41165Y 90 0	HARBORONE BANCORP INC NEW	CALL	
41165Y 95 0	HARBORONE BANCORP INC NEW	PUT	
412822 10 8 *	HARLEY DAVIDSON INC	COM	
412822 90 8	HARLEY DAVIDSON INC	CALL	
412822 95 8	HARLEY DAVIDSON INC	PUT	
413160 AD 4	HARMONIC INC	DCV 2.000% 9/0	
413160 10 2 *	HARMONIC INC	COM	
413160 90 2	HARMONIC INC	CALL	
413160 95 2	HARMONIC INC	PUT	
413197 10 4 *	HARMONY BIOSCIENCES HLDGS IN	COM	
413197 90 4	HARMONY BIOSCIENCES HLDGS IN	CALL	
413197 95 4	HARMONY BIOSCIENCES HLDGS IN	PUT	
413216 30 0 *	HARMONY GOLD MINING CO LTD	SPONSORED ADR	
413216 90 0	HARMONY GOLD MINING CO LTD	CALL	
413216 95 0	HARMONY GOLD MINING CO LTD	PUT	
41358P 10 6 *	HARPOON THERAPEUTICS INC	COM	
41358P 90 6	HARPOON THERAPEUTICS INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 327

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
41358P 95 6	HARPOON THERAPEUTICS INC	PUT	
415858 10 9 *	HARROW HEALTH INC	COM	
415858 90 9	HARROW HEALTH INC	CALL	
415858 95 9	HARROW HEALTH INC	PUT	
415864 10 7 *	HARSCO CORP	COM	
415864 90 7	HARSCO CORP	CALL	
415864 95 7	HARSCO CORP	PUT	
416196 20 2	HARTE HANKS INC	COM	
416515 10 4 *	HARTFORD FINL SVCS GROUP INC	COM	
416515 90 4	HARTFORD FINL SVCS GROUP INC	CALL	
416515 95 4	HARTFORD FINL SVCS GROUP INC	PUT	
41653L 30 5	HARTFORD FDS EXCHANGE TRADED	TOTAL RTRN ETF	
41653L 40 4	HARTFORD FDS EXCHANGE TRADED	SCHRDRS TAX BD	
41653L 50 3	HARTFORD FDS EXCHANGE TRADED	MUN OPORTUNITE	
41653L 60 2	HARTFORD FDS EXCHANGE TRADED	SHRT DURTN ETF	
41653L 70 1	HARTFORD FDS EXCHANGE TRADED	CORE BD ETF	
41653L 80 0	HARTFORD FDS EXCHANGE TRADED	SCHRODERS ESG US	
41653L 86 7 *	HARTFORD FDS EXCHANGE TRADED	SCHRODERS COMMOD	
41653L 90 7	HARTFORD FDS EXCHANGE TRADED	CALL	
41653L 95 7	HARTFORD FDS EXCHANGE TRADED	PUT	
41653L 87 5	HARTFORD FDS EXCHANGE TRADED	SUSTAINABLE INCM	
41653L 88 3	HARTFORD FDS EXCHANGE TRADED	LARGE CAP GRWT	
416906 10 5 *	HARVARD BIOSCIENCE INC	COM	
416906 90 5	HARVARD BIOSCIENCE INC	CALL	
416906 95 5	HARVARD BIOSCIENCE INC	PUT	
418056 10 7 *	HASBRO INC	COM	
418056 90 7	HASBRO INC	CALL	
418056 95 7	HASBRO INC	PUT	
418100 10 3 *	HASHICORP INC	COM CL A	
418100 90 3	HASHICORP INC	CALL	
418100 95 3	HASHICORP INC	PUT	
419596 10 1 *	HAVERTY FURNITURE COS INC	COM	
419596 90 1	HAVERTY FURNITURE COS INC	CALL	
419596 95 1	HAVERTY FURNITURE COS INC	PUT	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 328

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
419596 20 0	HAVERTY FURNITURE COS INC	CL A	
419870 10 0 *	HAWAIIAN ELEC INDUSTRIES	COM	
419870 90 0	HAWAIIAN ELEC INDUSTRIES	CALL	
419870 95 0	HAWAIIAN ELEC INDUSTRIES	PUT	
419879 10 1 *	HAWAIIAN HOLDINGS INC	COM	
419879 90 1	HAWAIIAN HOLDINGS INC	CALL	
419879 95 1	HAWAIIAN HOLDINGS INC	PUT	
420261 10 9 *	HAWKINS INC	COM	
420261 90 9	HAWKINS INC	CALL	
420261 95 9	HAWKINS INC	PUT	
42032P 10 8	HAWKS ACQUISITION CORP	CL A	
42032P 20 7	HAWKS ACQUISITION CORP	UNIT 99/99/9999	
420476 10 3	HAWTHORN BANCSHARES INC	COM	
420877 20 1 *	HAYNES INTL INC	COM NEW	
420877 90 1	HAYNES INTL INC	CALL	
420877 95 1	HAYNES INTL INC	PUT	
421298 10 0 *	HAYWARD HLDGS INC	COM	
421298 90 0	HAYWARD HLDGS INC	CALL	
421298 95 0	HAYWARD HLDGS INC	PUT	
421906 10 8 *	HEALTHCARE SVCS GROUP INC	COM	
421906 90 8	HEALTHCARE SVCS GROUP INC	CALL	
421906 95 8	HEALTHCARE SVCS GROUP INC	PUT	
42207L 10 6	HEADHUNTER GROUP PLC	SPONSORED ADS	
42222N 10 3 *	HEALTHSTREAM INC	COM	
42222N 90 3	HEALTHSTREAM INC	CALL	
42222N 95 3	HEALTHSTREAM INC	PUT	
42225T AB 3	HEALTH CATALYST INC	NOTE 2.500% 4/1	
42225T 10 7 *	HEALTH CATALYST INC	COM	
42225T 90 7	HEALTH CATALYST INC	CALL	
42225T 95 7	HEALTH CATALYST INC	PUT	
42226A 10 7 *	HEALTH EQUITY INC	COM	
42226A 90 7	HEALTH EQUITY INC	CALL	
42226A 95 7	HEALTH EQUITY INC	PUT	
42226K 10 5 *	HEALTHCARE RLTY TR	CL A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 329

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
42226K 90 5	HEALTHCARE RLTY TR	CALL	
42226K 95 5	HEALTHCARE RLTY TR	PUT	
42227R 10 9	HEALTHWELL ACQUISITION CORP	CLASS A COM	
42227R 11 7	HEALTHWELL ACQUISITION CORP	*W EXP 08/05/202	
42227R 20 8	HEALTHWELL ACQUISITION CORP	UNIT 08/05/2028	
42227W 10 8	HEALTHCARE TRIANGLE INC	COM	
42234Q 10 2 *	HEARTLAND FINL USA INC	COM	
42234Q 90 2	HEARTLAND FINL USA INC	CALL	
42234Q 95 2	HEARTLAND FINL USA INC	PUT	
422347 10 4 *	HEARTLAND EXPRESS INC	COM	
422347 90 4	HEARTLAND EXPRESS INC	CALL	
422347 95 4	HEARTLAND EXPRESS INC	PUT	
42237K 40 9 *	NIGHTHAWK BIOSCIENCES INC	COM	
42237K 90 9	NIGHTHAWK BIOSCIENCES INC	CALL	
42237K 95 9	NIGHTHAWK BIOSCIENCES INC	PUT	
42237V 10 8	HEARTLAND MEDIA ACQUISITION	CL A COM	
42237V 11 6	HEARTLAND MEDIA ACQUISITION	*W EXP 99/99/999	
42237V 20 7	HEARTLAND MEDIA ACQUISITION	UNIT 99/99/9999	
42238H 10 8	HEARTBEAM INC	COM	
42238H 11 6	HEARTBEAM INC	*W EXP 10/31/202	
42240Q 10 4	HEARTCORE ENTERPRISES INC	COM	
42250P 10 3 *	HEALTHPEAK PROPERTIES INC	COM	
42250P 90 3	HEALTHPEAK PROPERTIES INC	CALL	
42250P 95 3	HEALTHPEAK PROPERTIES INC	PUT	
42254E 10 4	HEART TEST LABORATORIES INC	COM	
42254E 11 2	HEART TEST LABORATORIES INC	*W EXP 06/17/202	
422704 10 6 *	HECLA MNG CO	COM	
422704 90 6	HECLA MNG CO	CALL	
422704 95 6	HECLA MNG CO	PUT	
422704 20 5	HECLA MNG CO	PFD CV SER B	
422806 10 9 *	HEICO CORP NEW	COM	
422806 90 9	HEICO CORP NEW	CALL	
422806 95 9	HEICO CORP NEW	PUT	
422806 20 8 *	HEICO CORP NEW	CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 330

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
422806 90 8	HEICO CORP NEW	CALL	
422806 95 8	HEICO CORP NEW	PUT	
422819 10 2 *	HEIDRICK & STRUGGLES INTL IN	COM	
422819 90 2	HEIDRICK & STRUGGLES INTL IN	CALL	
422819 95 2	HEIDRICK & STRUGGLES INTL IN	PUT	
42309B 13 9	MICROMOBILITY.COM INC	*W EXP 08/13/202	
42309B 20 4	HELBIZ INC	CLASS A COM	DELETED
42309B 40 2	MICROMOBILITY.COM INC	CLASS A COM	ADDED
42328H 10 9 *	HELIOS TECHNOLOGIES INC	COM	
42328H 90 9	HELIOS TECHNOLOGIES INC	CALL	
42328H 95 9	HELIOS TECHNOLOGIES INC	PUT	
42328V 60 3	HELIUS MED TECHNOLOGIES INC	COM CL A NEW	
42329E 10 5 *	HELIOGEN INC	COMMON STOCK	
42329E 90 5	HELIOGEN INC	CALL	
42329E 95 5	HELIOGEN INC	PUT	
42329E 11 3	HELIOGEN INC	*W EXP 12/30/202	
42330P AJ 6	HELIX ENERGY SOLUTIONS GRP I	NOTE 4.125% 9/1	
42330P AK 3	HELIX ENERGY SOLUTIONS GRP I	NOTE 6.750% 2/1	
42330P 10 7 *	HELIX ENERGY SOLUTIONS GRP I	COM	
42330P 90 7	HELIX ENERGY SOLUTIONS GRP I	CALL	
42330P 95 7	HELIX ENERGY SOLUTIONS GRP I	PUT	
423403 10 4 *	HELLO GROUP INC	ADS	
423403 90 4	HELLO GROUP INC	CALL	
423403 95 4	HELLO GROUP INC	PUT	
423452 10 1 *	HELMERICH & PAYNE INC	COM	
423452 90 1	HELMERICH & PAYNE INC	CALL	
423452 95 1	HELMERICH & PAYNE INC	PUT	
42371L 10 6	HEMPACCO CO INC	COM	
42588P 69 2	HENNESSY FDS TR	STANCE ESG LARGE	
425885 10 0	HENNESSY ADVISORS INC	COM	
42600H 10 8	HENNESSY CAPITAL INVST CORP	CLASS A COM	
42600H 11 6	HENNESSY CAPITAL INVST CORP	*W EXP 06/10/202	
42600H 20 7	HENNESSY CAPITAL INVST CORP	UNIT 99/99/9999	
426281 10 1 *	HENRY JACK & ASSOC INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 331

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
426281 90 1	HENRY JACK & ASSOC INC	CALL	
426281 95 1	HENRY JACK & ASSOC INC	PUT	
426897 10 4 *	HEPION PHARMACEUTICALS INC	COM	
426897 90 4	HEPION PHARMACEUTICALS INC	CALL	
426897 95 4	HEPION PHARMACEUTICALS INC	PUT	
426927 10 9 *	HERITAGE COMM CORP	COM	
426927 90 9	HERITAGE COMM CORP	CALL	
426927 95 9	HERITAGE COMM CORP	PUT	
42703M AD 5	HERBALIFE NUTRITION LTD	NOTE 2.625% 3/1	
42704L 10 4 *	HERC HLDGS INC	COM	
42704L 90 4	HERC HLDGS INC	CALL	
42704L 95 4	HERC HLDGS INC	PUT	
427096 50 8 *	HERCULES CAPITAL INC	COM	
427096 90 8	HERCULES CAPITAL INC	CALL	
427096 95 8	HERCULES CAPITAL INC	PUT	
42722X 10 6 *	HERITAGE FINL CORP WASH	COM	
42722X 90 6	HERITAGE FINL CORP WASH	CALL	
42722X 95 6	HERITAGE FINL CORP WASH	PUT	
42726M 10 6 *	HERITAGE CRYSTAL CLEAN INC	COM	
42726M 90 6	HERITAGE CRYSTAL CLEAN INC	CALL	
42726M 95 6	HERITAGE CRYSTAL CLEAN INC	PUT	
42727E 10 3	HERITAGE GLOBAL INC	COM	
42727J AB 8	HERITAGE INSURANCE HLDGS INC	NOTE 5.875% 8/0	
42727J 10 2 *	HERITAGE INSURANCE HLDGS INC	COM	
42727J 90 2	HERITAGE INSURANCE HLDGS INC	CALL	
42727J 95 2	HERITAGE INSURANCE HLDGS INC	PUT	
427746 10 2 *	HERON THERAPEUTICS INC	COM	
427746 90 2	HERON THERAPEUTICS INC	CALL	
427746 95 2	HERON THERAPEUTICS INC	PUT	
427825 50 0 *	HERSHA HOSPITALITY TR	PR SHS BEN INT	
427825 90 0	HERSHA HOSPITALITY TR	CALL	
427825 95 0	HERSHA HOSPITALITY TR	PUT	
427866 10 8 *	HERSHEY CO	COM	
427866 90 8	HERSHEY CO	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 332

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
427866 95 8	HERSHEY CO	PUT	
42804T 10 6	HERZFELD CARIBBEAN BASIN FD	COM	
42805E AB 4	HESKA CORP	NOTE 3.750% 9/1	
42805E 30 6 *	HESKA CORP	COM RESTRC NEW	
42805E 90 6	HESKA CORP	CALL	
42805E 95 6	HESKA CORP	PUT	
428050 10 8	HESAI GROUP	SPONSORED ADS	ADDED
42806J 14 8	HERTZ GLOBAL HLDGS INC	*W EXP 06/30/205	
42806J 70 0 *	HERTZ GLOBAL HLDGS INC	COM NEW	
42806J 90 0	HERTZ GLOBAL HLDGS INC	CALL	
42806J 95 0	HERTZ GLOBAL HLDGS INC	PUT	
42809H 10 7 *	HESS CORP	COM	
42809H 90 7	HESS CORP	CALL	
42809H 95 7	HESS CORP	PUT	
428103 10 5 *	HESS MIDSTREAM LP	CL A SHS	
428103 90 5	HESS MIDSTREAM LP	CALL	
428103 95 5	HESS MIDSTREAM LP	PUT	
42824C 10 9 *	HEWLETT PACKARD ENTERPRISE C	COM	
42824C 90 9	HEWLETT PACKARD ENTERPRISE C	CALL	
42824C 95 9	HEWLETT PACKARD ENTERPRISE C	PUT	
428291 10 8 *	HEXCEL CORP NEW	COM	
428291 90 8	HEXCEL CORP NEW	CALL	
428291 95 8	HEXCEL CORP NEW	PUT	
428304 40 6 *	HEXO CORP	COM	
428304 90 6	HEXO CORP	CALL	
428304 95 6	HEXO CORP	PUT	
428567 10 1 *	HIBBETT INC	COM	
428567 90 1	HIBBETT INC	CALL	
428567 95 1	HIBBETT INC	PUT	
42968F 10 8	HIGH INCOME SECS FD	SHS BEN INT	
42981E 40 1 *	HIGH TIDE INC	COM NEW	
42981E 90 1	HIGH TIDE INC	CALL	
42981E 95 1	HIGH TIDE INC	PUT	
43010E 40 4	HIGHLAND INCOME FD	HIGHLAND INCOME	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 333

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
43010T 10 4	HIGHLAND GLOBAL ALLOCATION F	COM	
430101 77 4 *	HIGHLAND FDS I	HI LD IBOXX SRLN	
430101 90 4	HIGHLAND FDS I	CALL	
430101 95 4	HIGHLAND FDS I	PUT	
43114Q 10 5 *	HIGHPEAK ENERGY INC	COM	
43114Q 90 5	HIGHPEAK ENERGY INC	CALL	
43114Q 95 5	HIGHPEAK ENERGY INC	PUT	
43114Q 12 1	HIGHPEAK ENERGY INC	*W EXP 08/21/202	
431284 10 8 *	HIGHWOODS PPTYS INC	COM	
431284 90 8	HIGHWOODS PPTYS INC	CALL	
431284 95 8	HIGHWOODS PPTYS INC	PUT	
43157M 10 2	HILLEVAX INC	COM	
431571 10 8 *	HILLENBRAND INC	COM	
431571 90 8	HILLENBRAND INC	CALL	
431571 95 8	HILLENBRAND INC	PUT	
431636 10 9 *	HILLMAN SOLUTIONS CORP	COM	
431636 90 9	HILLMAN SOLUTIONS CORP	CALL	
431636 95 9	HILLMAN SOLUTIONS CORP	PUT	
432705 10 1	HILLSTREAM BIOPHARMA INC	COM	
432748 10 1 *	HILLTOP HOLDINGS INC	COM	
432748 90 1	HILLTOP HOLDINGS INC	CALL	
432748 95 1	HILLTOP HOLDINGS INC	PUT	
43283X 10 5 *	HILTON GRAND VACATIONS INC	COM	
43283X 90 5	HILTON GRAND VACATIONS INC	CALL	
43283X 95 5	HILTON GRAND VACATIONS INC	PUT	
43289P 10 6 *	HIMAX TECHNOLOGIES INC	SPONSORED ADR	
43289P 90 6	HIMAX TECHNOLOGIES INC	CALL	
43289P 95 6	HIMAX TECHNOLOGIES INC	PUT	
43300A 20 3 *	HILTON WORLDWIDE HLDGS INC	COM	
43300A 90 3	HILTON WORLDWIDE HLDGS INC	CALL	
43300A 95 3	HILTON WORLDWIDE HLDGS INC	PUT	
433000 10 6 *	HIMS & HERS HEALTH INC	COM CL A	
433000 90 6	HIMS & HERS HEALTH INC	CALL	
433000 95 6	HIMS & HERS HEALTH INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 334

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
433323 10 2	HINGHAM INSTN SVGS MASS	COM	
433535 10 1	HIREQUEST INC	COM	
433537 10 7 *	HIRERIGHT HOLDINGS CORPORATI	COM	
433537 90 7	HIRERIGHT HOLDINGS CORPORATI	CALL	
433537 95 7	HIRERIGHT HOLDINGS CORPORATI	PUT	
433539 11 1	HIPPO HLDGS INC	*W EXP 08/02/202	
433539 20 2 *	HIPPO HLDGS INC	COM NEW	
433539 90 2	HIPPO HLDGS INC	CALL	
433539 95 2	HIPPO HLDGS INC	PUT	
43358Y 20 2	HISTOGEN INC	COM NEW	
43366H 70 4 *	HIVE BLOCKCHAIN TECHNLGIES L	COM NEW	
43366H 90 4	HIVE BLOCKCHAIN TECHNLGIES L	CALL	
43366H 95 4	HIVE BLOCKCHAIN TECHNLGIES L	PUT	
43538H 10 3 *	HOLLEY INC	COM	
43538H 90 3	HOLLEY INC	CALL	
43538H 95 3	HOLLEY INC	PUT	
43538H 11 1	HOLLEY INC	*W EXP 11/30/202	
435763 10 7 *	HOLLY ENERGY PARTNERS L P	COM UT LTD PTN	
435763 90 7	HOLLY ENERGY PARTNERS L P	CALL	
435763 95 7	HOLLY ENERGY PARTNERS L P	PUT	
436440 10 1 *	HOLOGIC INC	COM	
436440 90 1	HOLOGIC INC	CALL	
436440 95 1	HOLOGIC INC	PUT	
43689E 10 7	HOME BANCORP INC	COM	
436893 20 0 *	HOME BANCSHARES INC	COM	
436893 90 0	HOME BANCSHARES INC	CALL	
436893 95 0	HOME BANCSHARES INC	PUT	
437076 10 2 *	HOME DEPOT INC	COM	
437076 90 2	HOME DEPOT INC	CALL	
437076 95 2	HOME DEPOT INC	PUT	
43708L 10 8	HOME FED BANCORP INC LA NEW	COM	
43734L 10 6 *	HOME PT CAPITAL INCORPORATED	COM	
43734L 90 6	HOME PT CAPITAL INCORPORATED	CALL	
43734L 95 6	HOME PT CAPITAL INCORPORATED	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 335

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
43734R 10 3	HOME PLATE ACQUISITION CORP	CL A COM	
43734R 11 1	HOME PLATE ACQUISITION CORP	*W EXP 09/30/202	
43734R 20 2	HOME PLATE ACQUISITION CORP	UNIT 09/30/2026	
43785V 10 2 *	HOMESTREET INC	COM	
43785V 90 2	HOMESTREET INC	CALL	
43785V 95 2	HOMESTREET INC	PUT	
437872 10 4 *	HOMETRUST BANCSHARES INC	COM	
437872 90 4	HOMETRUST BANCSHARES INC	CALL	
437872 95 4	HOMETRUST BANCSHARES INC	PUT	
438083 10 7 *	HOMOLOGY MEDICINES INC	COM	
438083 90 7	HOMOLOGY MEDICINES INC	CALL	
438083 95 7	HOMOLOGY MEDICINES INC	PUT	
438128 30 8 *	HONDA MOTOR LTD	AMERN SHS	
438128 90 8	HONDA MOTOR LTD	CALL	
438128 95 8	HONDA MOTOR LTD	PUT	
438333 10 6 *	HONEST CO INC	COM	
438333 90 6	HONEST CO INC	CALL	
438333 95 6	HONEST CO INC	PUT	
438516 10 6 *	HONEYWELL INTL INC	COM	
438516 90 6	HONEYWELL INTL INC	CALL	
438516 95 6	HONEYWELL INTL INC	PUT	
439038 10 0 *	HOOKER FURNISHINGS CORPORATI	COM	
439038 90 0	HOOKER FURNISHINGS CORPORATI	CALL	
439038 95 0	HOOKER FURNISHINGS CORPORATI	PUT	
43906K 10 0 *	HOOKIPA PHARMA INC	COM	
43906K 90 0	HOOKIPA PHARMA INC	CALL	
43906K 95 0	HOOKIPA PHARMA INC	PUT	
43940T AB 5	HOPE BANCORP INC	NOTE 2.000% 5/1	
43940T 10 9 *	HOPE BANCORP INC	COM	
43940T 90 9	HOPE BANCORP INC	CALL	
43940T 95 9	HOPE BANCORP INC	PUT	
440327 10 4 *	HORACE MANN EDUCATORS CORP N	COM	
440327 90 4	HORACE MANN EDUCATORS CORP N	CALL	
440327 95 4	HORACE MANN EDUCATORS CORP N	PUT	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 336

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
440407 10 4 *	HORIZON BANCORP INC	COM	
440407 90 4	HORIZON BANCORP INC	CALL	
440407 95 4	HORIZON BANCORP INC	PUT	
44045A 10 2 *	HORIZON TECHNOLOGY FIN CORP	COM	
44045A 90 2	HORIZON TECHNOLOGY FIN CORP	CALL	
44045A 95 2	HORIZON TECHNOLOGY FIN CORP	PUT	
440452 10 0 *	HORMEL FOODS CORP	COM	
440452 90 0	HORMEL FOODS CORP	CALL	
440452 95 0	HORMEL FOODS CORP	PUT	
44052W 10 4 *	HORIZON GLOBAL CORP	COM	DELETED
44052W 90 4	HORIZON GLOBAL CORP	CALL	DELETED
44052W 95 4	HORIZON GLOBAL CORP	PUT	DELETED
44107P 10 4 *	HOST HOTELS & RESORTS INC	COM	
44107P 90 4	HOST HOTELS & RESORTS INC	CALL	
44107P 95 4	HOST HOTELS & RESORTS INC	PUT	
44109J 10 6 *	HOSTESS BRANDS INC	CL A	
44109J 90 6	HOSTESS BRANDS INC	CALL	
44109J 95 6	HOSTESS BRANDS INC	PUT	
44148G 20 4	HOTH THERAPEUTICS INC	COM NEW	
441593 10 0 *	HOULIHAN LOKEY INC	CL A	
441593 90 0	HOULIHAN LOKEY INC	CALL	
441593 95 0	HOULIHAN LOKEY INC	PUT	
44170P 10 6	HOUR LOOP INC	COM	
44183U 20 9 *	HOUSTON AMERN ENERGY CORP	COM	
44183U 90 9	HOUSTON AMERN ENERGY CORP	CALL	
44183U 95 9	HOUSTON AMERN ENERGY CORP	PUT	
442487 40 1	HOVNIANIAN ENTERPRISES INC	CL A NEW	
44267D 10 7 *	HOWARD HUGHES CORP	COM	
44267D 90 7	HOWARD HUGHES CORP	CALL	
44267D 95 7	HOWARD HUGHES CORP	PUT	
443201 10 8 *	HOWMET AEROSPACE INC	COM	
443201 90 8	HOWMET AEROSPACE INC	CALL	
443201 95 8	HOWMET AEROSPACE INC	PUT	
44332N AB 2	H WORLD GROUP LTD	NOTE 3.000% 5/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 337

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44332N 10 6 *	H WORLD GROUP LTD	SPONSORED ADS	
44332N 90 6	H WORLD GROUP LTD	CALL	
44332N 95 6	H WORLD GROUP LTD	PUT	
443320 10 6 *	HUB GROUP INC	CL A	
443320 90 6	HUB GROUP INC	CALL	
443320 95 6	HUB GROUP INC	PUT	
443510 60 7 *	HUBBELL INC	COM	
443510 90 7	HUBBELL INC	CALL	
443510 95 7	HUBBELL INC	PUT	
443573 AD 2	HUBSPOT INC	NOTE 0.375% 6/0	
443573 10 0 *	HUBSPOT INC	COM	
443573 90 0	HUBSPOT INC	CALL	
443573 95 0	HUBSPOT INC	PUT	
443628 10 2 *	HUDBAY MINERALS INC	COM	
443628 90 2	HUDBAY MINERALS INC	CALL	
443628 95 2	HUDBAY MINERALS INC	PUT	
44364H 10 0	HUDSON ACQUISITION I CORP	COMMON STOCK	
44364H 11 8	HUDSON ACQUISITION I CORP	RIGHT 99/99/9999	
44364H 20 9	HUDSON ACQUISITION I CORP	UNIT 05/10/2027	
443787 20 5	HUDSON GLOBAL INC	COM NEW	
444097 10 9 *	HUDSON PAC PPTYS INC	COM	
444097 90 9	HUDSON PAC PPTYS INC	CALL	
444097 95 9	HUDSON PAC PPTYS INC	PUT	
444144 10 9 *	HUDSON TECHNOLOGIES INC	COM	
444144 90 9	HUDSON TECHNOLOGIES INC	CALL	
444144 95 9	HUDSON TECHNOLOGIES INC	PUT	
44473E 10 5	HUIZE HLDG LTD	SPONSORED ADS	
444859 10 2 *	HUMANA INC	COM	
444859 90 2	HUMANA INC	CALL	
444859 95 2	HUMANA INC	PUT	
44486Q 10 3 *	HUMACYTE INC	COM	
44486Q 90 3	HUMACYTE INC	CALL	
44486Q 95 3	HUMACYTE INC	PUT	
44486Q 11 1	HUMACYTE INC	*W EXP 08/27/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 338

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
444863 20 3 *	HUMANIGEN INC	COM NEW	
444863 90 3	HUMANIGEN INC	CALL	
444863 95 3	HUMANIGEN INC	PUT	
444869 10 1	HUMANKIND BENEFIT CORPORATIO	HUMANKIND US STK	
445658 10 7 *	HUNT J B TRANS SVCS INC	COM	
445658 90 7	HUNT J B TRANS SVCS INC	CALL	
445658 95 7	HUNT J B TRANS SVCS INC	PUT	
446150 10 4 *	HUNTINGTON BANCSHARES INC	COM	
446150 90 4	HUNTINGTON BANCSHARES INC	CALL	
446150 95 4	HUNTINGTON BANCSHARES INC	PUT	
446413 10 6 *	HUNTINGTON INGALLS INDS INC	COM	
446413 90 6	HUNTINGTON INGALLS INDS INC	CALL	
446413 95 6	HUNTINGTON INGALLS INDS INC	PUT	
447011 10 7 *	HUNTSMAN CORP	COM	
447011 90 7	HUNTSMAN CORP	CALL	
447011 95 7	HUNTSMAN CORP	PUT	
447324 10 4	HURCO CO	COM	
447462 10 2 *	HURON CONSULTING GROUP INC	COM	
447462 90 2	HURON CONSULTING GROUP INC	CALL	
447462 95 2	HURON CONSULTING GROUP INC	PUT	
44812T 10 2 *	HUT 8 MNG CORP	COM	
44812T 90 2	HUT 8 MNG CORP	CALL	
44812T 95 2	HUT 8 MNG CORP	PUT	
44842L 10 3 *	HUTCHMED CHINA LTD	SPONSORED ADS	
44842L 90 3	HUTCHMED CHINA LTD	CALL	
44842L 95 3	HUTCHMED CHINA LTD	PUT	
44852D 10 8 *	HUYA INC	ADS REP SHS A	
44852D 90 8	HUYA INC	CALL	
44852D 95 8	HUYA INC	PUT	
448579 10 2 *	HYATT HOTELS CORP	COM CL A	
448579 90 2	HYATT HOTELS CORP	CALL	
448579 95 2	HYATT HOTELS CORP	PUT	
44862P 10 9 *	HYCROFT MINING HOLDING CORP	COM CL A	
44862P 90 9	HYCROFT MINING HOLDING CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 339

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44862P 95 9	HYCROFT MINING HOLDING CORP	PUT	
44862P 11 7	HYCROFT MINING HOLDING CORP	*W EXP 05/29/202	
44862P 13 3	HYCROFT MINING HOLDING CORP	*W EXP 10/06/202	
44888K 20 9 *	HYDROFARM HLDGS GROUP INC	COM	
44888K 90 9	HYDROFARM HLDGS GROUP INC	CALL	
44888K 95 9	HYDROFARM HLDGS GROUP INC	PUT	
44891N 20 8 *	IAC INC	COM NEW	
44891N 90 8	IAC INC	CALL	
44891N 95 8	IAC INC	PUT	
448947 50 7 *	IDT CORP	CL B NEW	
448947 90 7	IDT CORP	CALL	
448947 95 7	IDT CORP	PUT	
449109 10 7 *	HYLIION HOLDINGS CORP	COMMON STOCK	
449109 90 7	HYLIION HOLDINGS CORP	CALL	
449109 95 7	HYLIION HOLDINGS CORP	PUT	
44916E 10 0	IPERIONX LTD	SPONSORED ADS	
44916K 10 6 *	HYPERFINE INC	COM CL A	
44916K 90 6	HYPERFINE INC	CALL	
44916K 95 6	HYPERFINE INC	PUT	
44916T 10 7 *	HYRECAR INC	COM	DELETED
44916T 90 7	HYRECAR INC	CALL	DELETED
44916T 95 7	HYRECAR INC	PUT	DELETED
449172 10 5 *	HYSTER YALE MATLS HANDLING I	CL A	
449172 90 5	HYSTER YALE MATLS HANDLING I	CALL	
449172 95 5	HYSTER YALE MATLS HANDLING I	PUT	
44925C 10 3 *	ICF INTL INC	COM	
44925C 90 3	ICF INTL INC	CALL	
44925C 95 3	ICF INTL INC	PUT	
449253 10 3 *	IAA INC	COM	DELETED
449253 90 3	IAA INC	CALL	DELETED
449253 95 3	IAA INC	PUT	DELETED
44930G 10 7 *	ICU MED INC	COM	
44930G 90 7	ICU MED INC	CALL	
44930G 95 7	ICU MED INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 340

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44931Q 10 4	ICC HLDGS INC	COM	
44933T AB 2	I3 VERTICALS LLC	NOTE 1.000% 2/1	
44934S 20 6 *	ICAD INC	COM NEW	
44934S 90 6	ICAD INC	CALL	
44934S 95 6	ICAD INC	PUT	
44951J 10 5	IF BANCORP INC	COM	
44951N 10 6	IDW MEDIA HLDGS INC	CL B	
44951W 10 6 *	IES HLDGS INC	COM	
44951W 90 6	IES HLDGS INC	CALL	
44951W 95 6	IES HLDGS INC	PUT	
44951X 10 4	HYWIN HLDG LTD	ADS	
44951Y 10 2 *	HYZON MOTORS INC	COM CL A	
44951Y 90 2	HYZON MOTORS INC	CALL	
44951Y 95 2	HYZON MOTORS INC	PUT	
44951Y 11 0	HYZON MOTORS INC	*W EXP 10/02/202	
44952J 10 4 *	CRESCENT ENERGY COMPANY	CL A COM	
44952J 90 4	CRESCENT ENERGY COMPANY	CALL	
44952J 95 4	CRESCENT ENERGY COMPANY	PUT	
449534 10 6 *	IG ACQUISITION CORP	COM CL A	DELETED
449534 90 6	IG ACQUISITION CORP	CALL	DELETED
449534 95 6	IG ACQUISITION CORP	PUT	DELETED
449534 11 4	IG ACQUISITION CORP	*W EXP 10/05/202	DELETED
449534 20 5	IG ACQUISITION CORP	UNIT 10/05/2027	DELETED
44955L 10 6	I-80 GOLD CORP	COM	
449585 10 8 *	IGM BIOSCIENCES INC	COM	
449585 90 8	IGM BIOSCIENCES INC	CALL	
449585 95 8	IGM BIOSCIENCES INC	PUT	
44967K 10 4	IMAC HLDGS INC	COM	
44967K 11 2	IMAC HLDGS INC	*W EXP 02/12/202	
44969Q 30 7 *	IM CANNABIS CORP	COM	
44969Q 90 7	IM CANNABIS CORP	CALL	
44969Q 95 7	IM CANNABIS CORP	PUT	
44974L 30 1 *	IMV INC	COM NEW	
44974L 90 1	IMV INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 341

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
44974L 95 1	IMV INC	PUT	
44975P 10 3 *	I MAB	SPONSORED ADS	
44975P 90 3	I MAB	CALL	
44975P 95 3	I MAB	PUT	
449778 10 9	IO BIOTECH INC	COM	
44980X 10 9 *	IPG PHOTONICS CORP	COM	
44980X 90 9	IPG PHOTONICS CORP	CALL	
44980X 95 9	IPG PHOTONICS CORP	PUT	
44984F 30 2 *	INVO BIOSCIENCE INC	COM	
44984F 90 2	INVO BIOSCIENCE INC	CALL	
44984F 95 2	INVO BIOSCIENCE INC	PUT	
450047 20 4 *	IRSA INVERSIONES Y REP S A	GLOBL DEP RCPT	
450047 90 4	IRSA INVERSIONES Y REP S A	CALL	
450047 95 4	IRSA INVERSIONES Y REP S A	PUT	
450056 10 6 *	IRHYTHM TECHNOLOGIES INC	COM	
450056 90 6	IRHYTHM TECHNOLOGIES INC	CALL	
450056 95 6	IRHYTHM TECHNOLOGIES INC	PUT	
45031U 10 1 *	ISTAR INC	COM	DELETED
45031U 90 1	ISTAR INC	CALL	DELETED
45031U 95 1	ISTAR INC	PUT	DELETED
45032V 10 8	ISPECIMEN INC	COM	
45033E 10 5	ITAU CORPBANCA	SPONSORED ADR	
45073V 10 8 *	ITT INC	COM	
45073V 90 8	ITT INC	CALL	
45073V 95 8	ITT INC	PUT	
450913 10 8 *	IAMGOLD CORP	COM	
450913 90 8	IAMGOLD CORP	CALL	
450913 95 8	IAMGOLD CORP	PUT	
451033 60 9 *	IBIO INC	COM	
451033 90 9	IBIO INC	CALL	
451033 95 9	IBIO INC	PUT	
45104G 10 4 *	ICICI BANK LIMITED	ADR	
45104G 90 4	ICICI BANK LIMITED	CALL	
45104G 95 4	ICICI BANK LIMITED	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 342

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
451100 10 1 *	ICAHN ENTERPRISES LP	DEPOSITARY UNIT	
451100 90 1	ICAHN ENTERPRISES LP	CALL	
451100 95 1	ICAHN ENTERPRISES LP	PUT	
451107 10 6 *	IDACORP INC	COM	
451107 90 6	IDACORP INC	CALL	
451107 95 6	IDACORP INC	PUT	
45113Y 20 3 *	ICLICK INTERACTIVE ASIA GROU	SPON ADS NEW	
45113Y 90 3	ICLICK INTERACTIVE ASIA GROU	CALL	
45113Y 95 3	ICLICK INTERACTIVE ASIA GROU	PUT	
45114M 10 9 *	ICOSAVAX INC	COM	
45114M 90 9	ICOSAVAX INC	CALL	
45114M 95 9	ICOSAVAX INC	PUT	
451622 20 3	IDEAL PWR INC	COM NEW	
45166A 10 2 *	IDEAYA BIOSCIENCES INC	COM	
45166A 90 2	IDEAYA BIOSCIENCES INC	CALL	
45166A 95 2	IDEAYA BIOSCIENCES INC	PUT	
45166V 10 6 *	IDEANOMICS INC	COM	
45166V 90 6	IDEANOMICS INC	CALL	
45166V 95 6	IDEANOMICS INC	PUT	
45167R 10 4 *	IDEX CORP	COM	
45167R 90 4	IDEX CORP	CALL	
45167R 95 4	IDEX CORP	PUT	
45168D 10 4 *	IDEXX LABS INC	COM	
45168D 90 4	IDEXX LABS INC	CALL	
45168D 95 4	IDEXX LABS INC	PUT	
45168K 40 5 *	IDERA PHARMACEUTICALS INC	COM PAR	DELETED
45168K 90 5	IDERA PHARMACEUTICALS INC	CALL	DELETED
45168K 95 5	IDERA PHARMACEUTICALS INC	PUT	DELETED
45170X 20 5 *	IDENTIV INC	COM NEW	
45170X 90 5	IDENTIV INC	CALL	
45170X 95 5	IDENTIV INC	PUT	
45173W 10 5	IDEX BIOMETRICS ASA	SPONSORED ADR	
45174J 50 9 *	IHEARTMEDIA INC	COM CL A	
45174J 90 9	IHEARTMEDIA INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 343

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45174J 95 9	IHEARTMEDIA INC	PUT	
45175B 10 9	IHUMAN INC	ADS COMMON	
45175G 10 8	IKENA ONCOLOGY INC	COM	
452308 10 9 *	ILLINOIS TOOL WKS INC	COM	
452308 90 9	ILLINOIS TOOL WKS INC	CALL	
452308 95 9	ILLINOIS TOOL WKS INC	PUT	
452327 AK 5	ILLUMINA INC	NOTE 8/1	
452327 10 9 *	ILLUMINA INC	COM	
452327 90 9	ILLUMINA INC	CALL	
452327 95 9	ILLUMINA INC	PUT	
45245E AJ 8	IMAX CORP	NOTE 0.500% 4/0	
45245E 10 9 *	IMAX CORP	COM	
45245E 90 9	IMAX CORP	CALL	
45245E 95 9	IMAX CORP	PUT	
452465 20 6 *	IMEDIA BRANDS INC	COM CL A	
452465 90 6	IMEDIA BRANDS INC	CALL	
452465 95 6	IMEDIA BRANDS INC	PUT	
45249V 10 7 *	IMARA INC	COM	DELETED
45249V 90 7	IMARA INC	CALL	DELETED
45249V 95 7	IMARA INC	PUT	DELETED
4525EP 10 1 *	IMMUNIC INC	COM	
4525EP 90 1	IMMUNIC INC	CALL	
4525EP 95 1	IMMUNIC INC	PUT	
45250K 10 7 *	IMAGO BIOSCIENCES INC	COM	DELETED
45250K 90 7	IMAGO BIOSCIENCES INC	CALL	DELETED
45250K 95 7	IMAGO BIOSCIENCES INC	PUT	DELETED
452521 10 7 *	IMMERSION CORP	COM	
452521 90 7	IMMERSION CORP	CALL	
452521 95 7	IMMERSION CORP	PUT	
452525 30 6	IMMUCELL CORP	COM PAR	
45253H 10 1 *	IMMUNOGEN INC	COM	
45253H 90 1	IMMUNOGEN INC	CALL	
45253H 95 1	IMMUNOGEN INC	PUT	
45254E 10 7	IMMUNEERING CORP	CLASS A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 344

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45254P 50 8 *	IMPAC MTG HLDGS INC	COM NEW	
45254P 90 8	IMPAC MTG HLDGS INC	CALL	
45254P 95 8	IMPAC MTG HLDGS INC	PUT	
45254U 10 1	IMMURON LTD	SPONSORED ADR	
45256X 10 3 *	IMMUNITYBIO INC	COM	
45256X 90 3	IMMUNITYBIO INC	CALL	
45256X 95 3	IMMUNITYBIO INC	PUT	
45257F 20 0 *	IMMUNOPRECISE ANTIBODIES LTD	COM NEW	
45257F 90 0	IMMUNOPRECISE ANTIBODIES LTD	CALL	
45257F 95 0	IMMUNOPRECISE ANTIBODIES LTD	PUT	
45257L 10 8 *	IMMUTEP LTD	SPONSORED ADS	
45257L 90 8	IMMUTEP LTD	CALL	
45257L 95 8	IMMUTEP LTD	PUT	
45257U 10 8 *	IMMUNOME INC	COM	
45257U 90 8	IMMUNOME INC	CALL	
45257U 95 8	IMMUNOME INC	PUT	
45258D 10 5 *	IMMUNOCORE HLDGS PLC	ADS	
45258D 90 5	IMMUNOCORE HLDGS PLC	CALL	
45258D 95 5	IMMUNOCORE HLDGS PLC	PUT	
45258H 10 6	IMMIX BIOPHARMA INC	COM	
45258J 10 2 *	IMMUNOVANT INC	COM	
45258J 90 2	IMMUNOVANT INC	CALL	
45258J 95 2	IMMUNOVANT INC	PUT	
45258K 10 9	IMPEL PHARMACEUTICALS INC	COM	
45259A 10 0	IMPACT SHS TR I	YWCA WOMENS ETF	
45259A 20 9	IMPACT SHS TR I	NAACP MINO ETF	
45259A 30 8	IMPACT SHS TR I	SUS DV GGE ETF	DELETED
45259R 10 3	IMPACT SHS TR I	AFFORDABLE HOUS	
452926 10 8	INCOME OPPORTUNITY RLTY INVS	COM	
453038 40 8 *	IMPERIAL OIL LTD	COM NEW	
453038 90 8	IMPERIAL OIL LTD	CALL	
453038 95 8	IMPERIAL OIL LTD	PUT	
453204 AD 1	IMPINJ INC	NOTE 1.125% 5/1	
453204 10 9 *	IMPINJ INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 345

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
453204 90 9	IMPINJ INC	CALL	
453204 95 9	IMPINJ INC	PUT	
45332Y 10 9 *	INARI MED INC	COM	
45332Y 90 9	INARI MED INC	CALL	
45332Y 95 9	INARI MED INC	PUT	
45333D 10 4	INCEPTION GROWTH ACQUSTN LTD	COMMON STOCK	
45333D 11 2	INCEPTION GROWTH ACQUSTN LTD	*W EXP 10/15/202	
45333D 12 0	INCEPTION GROWTH ACQUSTN LTD	RIGHT 12/08/2026	
45333D 20 3	INCEPTION GROWTH ACQUSTN LTD	UNIT 99/99/9999	
45333L 10 6	INCANNEX HEALTHCARE LTD	SPONSORED ADS	
45337C 10 2 *	INCYTE CORP	COM	
45337C 90 2	INCYTE CORP	CALL	
45337C 95 2	INCYTE CORP	PUT	
45339J 10 5	INDAPTUS THERAPEUTICS INC	COM	
453415 60 6 *	INDEPENDENCE CONTRACT DRILLI	COM	
453415 90 6	INDEPENDENCE CONTRACT DRILLI	CALL	
453415 95 6	INDEPENDENCE CONTRACT DRILLI	PUT	
45378A 10 6 *	INDEPENDENCE RLTY TR INC	COM	
45378A 90 6	INDEPENDENCE RLTY TR INC	CALL	
45378A 95 6	INDEPENDENCE RLTY TR INC	PUT	
453836 10 8 *	INDEPENDENT BK CORP MASS	COM	
453836 90 8	INDEPENDENT BK CORP MASS	CALL	
453836 95 8	INDEPENDENT BK CORP MASS	PUT	
453838 60 9 *	INDEPENDENT BK CORP MICH	COM NEW	
453838 90 9	INDEPENDENT BK CORP MICH	CALL	
453838 95 9	INDEPENDENT BK CORP MICH	PUT	
45384B 10 6 *	INDEPENDENT BANK GROUP INC	COM	
45384B 90 6	INDEPENDENT BANK GROUP INC	CALL	
45384B 95 6	INDEPENDENT BANK GROUP INC	PUT	
45408X 30 8 *	IGC PHARMA INC	COM NEW	
45408X 90 8	IGC PHARMA INC	CALL	
45408X 95 8	IGC PHARMA INC	PUT	
454089 10 3	INDIA FD INC	COM	
45409B 10 7	INDEXIQ ETF TR	HEDGE MLTI ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 346

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45409B 20 6	INDEXIQ ETF TR	HDG MACTRK ETF	DELETED
45409B 24 8	INDEXIQ ETF TR	CANDRIAM ESG US	
45409B 25 5	INDEXIQ ETF TR	IQ GLOBAL EQUITY	
45409B 26 3 *	INDEXIQ ETF TR	IQ US LARGE CAP	
45409B 90 3	INDEXIQ ETF TR	CALL	
45409B 95 3	INDEXIQ ETF TR	PUT	
45409B 27 1	INDEXIQ ETF TR	IQ US MID CAP R&	
45409B 28 9	INDEXIQ ETF TR	IQ CLEAN OCEANS	
45409B 29 7	INDEXIQ ETF TR	IQ CLEANER TRANS	
45409B 30 5	INDEXIQ ETF TR	LNG SHT TRACK	DELETED
45409B 31 3	INDEXIQ ETF TR	IQ ENGENDER EQUA	
45409B 32 1	INDEXIQ ETF TR	HEALTHY HEARTS	
45409B 36 2	INDEXIQ ETF TR	IQ 500 INT ETF	
45409B 38 8	INDEXIQ ETF TR	IQ CHAIKIN US	
45409B 39 6	INDEXIQ ETF TR	IQ CHAIKIN US	
45409B 40 4	INDEXIQ ETF TR	HDG EVE DRIV	DELETED
45409B 41 2 *	INDEXIQ ETF TR	IQ S&P HGH YLD	DELETED
45409B 90 2	INDEXIQ ETF TR	CALL	DELETED
45409B 95 2	INDEXIQ ETF TR	PUT	DELETED
45409B 45 3	INDEXIQ ETF TR	IQ CNDRM ESG INT	
45409B 46 1	INDEXIQ ETF TR	CANDRIAM ESG US	
45409B 50 3	INDEXIQ ETF TR	IQ HEDGMKT NUT	DELETED
45409B 56 0	INDEXIQ ETF TR	FTSE INTERNL EQT	
45409B 60 2	INDEXIQ ETF TR	IQ REAL RTN ETF	
45409B 62 8	INDEXIQ ETF TR	IQ CBRE NEXGEN	
45409B 80 0	INDEXIQ ETF TR	IQ MRGR ARB ETF	
45409B 88 3	INDEXIQ ETF TR	IQ GLB RES ETF	
45409F 73 6	INDEXIQ ACTIVE ETF TR	MACKAY ESG HIGH	
45409F 74 4	INDEXIQ ACTIVE ETF TR	IQ MACKAY MULTI	
45409F 75 1	INDEXIQ ACTIVE ETF TR	IQ WINSLOW FOCUS	
45409F 76 9	INDEXIQ ACTIVE ETF TR	IQ WINSLOW LR CP	
45409F 77 7	INDEXIQ ACTIVE ETF TR	IQ MACKAY CA MUN	
45409F 78 5	INDEXIQ ACTIVE ETF TR	IQ MACKAY ESG CR	
45409F 81 9	INDEXIQ ACTIVE ETF TR	IQ ULTR SHT DU	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 347

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45409F 82 7	INDEXIQ ACTIVE ETF TR	IQ MACKAY INTRME	
45409F 84 3	INDEXIQ ACTIVE ETF TR	IQ MACKAY INSRED	
45569U 10 1 *	INDIE SEMICONDUCTOR INC	CLASS A COM	
45569U 90 1	INDIE SEMICONDUCTOR INC	CALL	
45569U 95 1	INDIE SEMICONDUCTOR INC	PUT	
45569U 11 9	INDIE SEMICONDUCTOR INC	*W EXP 06/10/202	
45580R 10 3 *	INDUS REALTY TRUST INC	COM	
45580R 90 3	INDUS REALTY TRUST INC	CALL	
45580R 95 3	INDUS REALTY TRUST INC	PUT	
456237 10 6 *	INDUSTRIAL LOGISTICS PPTYS T	COM SHS BEN INT	
456237 90 6	INDUSTRIAL LOGISTICS PPTYS T	CALL	
456237 95 6	INDUSTRIAL LOGISTICS PPTYS T	PUT	
45635R 10 8	INDUSTRIAL TECH ACQSTNS II I	CLASS A COM	
45635R 11 6	INDUSTRIAL TECH ACQSTNS II I	*W EXP 03/31/202	
45635R 20 7	INDUSTRIAL TECH ACQSTNS II I	UNIT 03/31/2028	
456463 10 8	INDUSTRIAS BACHOCO SAB	SPON ADR B	
45665G 30 3 *	INFINITY PHARMACEUTICALS INC	COM	
45665G 90 3	INFINITY PHARMACEUTICALS INC	CALL	
45665G 95 3	INFINITY PHARMACEUTICALS INC	PUT	
45667G AC 7	INFINERA CORP	NOTE 2.125% 9/0	
45667G AE 3	INFINERA CORP	NOTE 2.500% 3/0	
45667G AF 0	INFINERA CORP	DEBT 3.750% 8/0	
45667G 10 3 *	INFINERA CORP	COM	
45667G 90 3	INFINERA CORP	CALL	
45667G 95 3	INFINERA CORP	PUT	
456696 10 3 *	WAVEDANCER INC	COM	
456696 90 3	WAVEDANCER INC	CALL	
456696 95 3	WAVEDANCER INC	PUT	
45674E 10 9	IN8BIO INC	COM	
45674M 10 1 *	INFORMATICA INC	COM CL A	
45674M 90 1	INFORMATICA INC	CALL	
45674M 95 1	INFORMATICA INC	PUT	
45675Y 10 4 *	INFORMATION SVCS GROUP INC	COM	
45675Y 90 4	INFORMATION SVCS GROUP INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 348

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45675Y 95 4	INFORMATION SVCS GROUP INC	PUT	
456788 10 8 *	INFOSYS LTD	SPONSORED ADR	
456788 90 8	INFOSYS LTD	CALL	
456788 95 8	INFOSYS LTD	PUT	
456837 10 3 *	ING GROEP N.V.	SPONSORED ADR	
456837 90 3	ING GROEP N.V.	CALL	
456837 95 3	ING GROEP N.V.	PUT	
45685K 10 2 *	INFUSYSTEM HLDGS INC	COM	
45685K 90 2	INFUSYSTEM HLDGS INC	CALL	
45685K 95 2	INFUSYSTEM HLDGS INC	PUT	
45687V 10 6 *	INGERSOLL RAND INC	COM	
45687V 90 6	INGERSOLL RAND INC	CALL	
45687V 95 6	INGERSOLL RAND INC	PUT	
45688C 10 7 *	INGEVITY CORP	COM	
45688C 90 7	INGEVITY CORP	CALL	
45688C 95 7	INGEVITY CORP	PUT	
457030 10 4 *	INGLES MKTS INC	CL A	
457030 90 4	INGLES MKTS INC	CALL	
457030 95 4	INGLES MKTS INC	PUT	
457187 10 2 *	INGREDION INC	COM	
457187 90 2	INGREDION INC	CALL	
457187 95 2	INGREDION INC	PUT	
45719W 10 6	INHIBIKASE THERAPEUTICS INC	COM	
45720L 10 7 *	INHIBRX INC	COM	
45720L 90 7	INHIBRX INC	CALL	
45720L 95 7	INHIBRX INC	PUT	
457637 60 1	INMED PHARMACEUTICALS INC	COM NEW	
457642 20 5 *	INNODATA INC	COM NEW	
457642 90 5	INNODATA INC	CALL	
457642 95 5	INNODATA INC	PUT	
45765U AB 9	INSIGHT ENTERPRISES INC	NOTE 0.750% 2/1	
45765U 10 3 *	INSIGHT ENTERPRISES INC	COM	
45765U 90 3	INSIGHT ENTERPRISES INC	CALL	
45765U 95 3	INSIGHT ENTERPRISES INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 349

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45765Y 20 4	INSIGNIA SYS INC	COM NEW	
457669 AA 7	INSMED INC	NOTE 1.750% 1/1	
457669 AB 5	INSMED INC	NOTE 0.750% 6/0	
457669 30 7 *	INSMED INC	COM PAR \$.01	
457669 90 7	INSMED INC	CALL	
457669 95 7	INSMED INC	PUT	
457679 10 8	INNOVID CORP	COMMON STOCK	
457679 11 6	INNOVID CORP	*W EXP 11/30/202	
45768S 10 5 *	INNOSPEC INC	COM	
45768S 90 5	INNOSPEC INC	CALL	
45768S 95 5	INNOSPEC INC	PUT	
45769N 10 5 *	INNOVATIVE SOLUTIONS & SUPPO	COM	
45769N 90 5	INNOVATIVE SOLUTIONS & SUPPO	CALL	
45769N 95 5	INNOVATIVE SOLUTIONS & SUPPO	PUT	
45773H AB 8	INOVIO PHARMACEUTICALS INC	NOTE 6.500% 3/0	
45773H 20 1 *	INOVIO PHARMACEUTICALS INC	COM NEW	
45773H 90 1	INOVIO PHARMACEUTICALS INC	CALL	
45773H 95 1	INOVIO PHARMACEUTICALS INC	PUT	
457730 10 9 *	INSPIRE MED SYS INC	COM	
457730 90 9	INSPIRE MED SYS INC	CALL	
457730 95 9	INSPIRE MED SYS INC	PUT	
45774W 10 8 *	INSTEEL INDS INC	COM	
45774W 90 8	INSTEEL INDS INC	CALL	
45774W 95 8	INSTEEL INDS INC	PUT	
45778Q 10 7 *	INSPERITY INC	COM	
45778Q 90 7	INSPERITY INC	CALL	
45778Q 95 7	INSPERITY INC	PUT	
45779A 84 6 *	INSPIREMD INC	COM	
45779A 90 6	INSPIREMD INC	CALL	
45779A 95 6	INSPIREMD INC	PUT	
457790 10 3 *	INSTRUCTURE HLDGS INC	COM	
457790 90 3	INSTRUCTURE HLDGS INC	CALL	
457790 95 3	INSTRUCTURE HLDGS INC	PUT	
45780L 10 4 *	INOGEN INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 350

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45780L 90 4	INOGEN INC	CALL	
45780L 95 4	INOGEN INC	PUT	
45780R 10 1 *	INSTALLED BLDG PRODS INC	COM	
45780R 90 1	INSTALLED BLDG PRODS INC	CALL	
45780R 95 1	INSTALLED BLDG PRODS INC	PUT	
45781K 20 4	INNATE PHARMA S A	SPONSORED ADS	
45781M AB 7	INNOVIVA INC	NOTE 2.500% 8/1	
45781M AD 3	INNOVIVA INC	NOTE 2.125% 3/1	ADDED
45781M 10 1 *	INNOVIVA INC	COM	
45781M 90 1	INNOVIVA INC	CALL	
45781M 95 1	INNOVIVA INC	PUT	
45781V 10 1 *	INNOVATIVE INDL PPTYS INC	COM	
45781V 90 1	INNOVATIVE INDL PPTYS INC	CALL	
45781V 95 1	INNOVATIVE INDL PPTYS INC	PUT	
45781W 10 9	INSIGHT SELECT INCOME FD	COM	
45782B AD 6	INSEEGO CORP	NOTE 3.250% 5/0	
45782B 10 4 *	INSEEGO CORP	COM	
45782B 90 4	INSEEGO CORP	CALL	
45782B 95 4	INSEEGO CORP	PUT	
45782C 10 2 *	INNOVATOR ETFS TR	IBD 50 ETF	
45782C 90 2	INNOVATOR ETFS TR	CALL	
45782C 95 2	INNOVATOR ETFS TR	PUT	
45782C 11 0	INNOVATOR ETFS TR	U S EQTY ACCELRT	
45782C 12 8	INNOVATOR ETFS TR	GROWTH ACCELRTD	
45782C 13 6	INNOVATOR ETFS TR	DOUBLE STACKR 9	
45782C 16 9	INNOVATOR ETFS TR	TRIPLE STKR JAN	
45782C 17 7	INNOVATOR ETFS TR	DOUBLE STKR JAN	
45782C 18 5	INNOVATOR ETFS TR	DOUBLE STKER OCT	
45782C 19 3	INNOVATOR ETFS TR	TRIPLE STKER OCT	
45782C 21 9	INNOVATOR ETFS TR	DOUBLE STACKR 9	
45782C 23 5	INNOVATOR ETFS TR	INVATR 20 PLS 9	
45782C 24 3	INNOVATOR ETFS TR	INVTOR 2 PLS 5	
45782C 27 6	INNOVATOR ETFS TR	GRWT100 PWR BUF	
45782C 28 4	INNOVATOR ETFS TR	US SML CP PWR B	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 351

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
45782C 29 2	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 30 0	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 31 8	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 32 6	INNOVATOR ETFS TR	US EQTY BUFR MAR	
45782C 33 4	INNOVATOR ETFS TR	GRWT100 PWR BF	
45782C 34 2	INNOVATOR ETFS TR	US SML CP PWR ET	
45782C 35 9	INNOVATOR ETFS TR	EMRGNG MKT APRIL	
45782C 36 7	INNOVATOR ETFS TR	INTRNL DEV APRL	
45782C 37 5	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 38 3	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 39 1	INNOVATOR ETFS TR	US EQTY BUFR MAR	
45782C 40 9	INNOVATOR ETFS TR	US EQTY BUFR JAN	
45782C 41 7	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 42 5	INNOVATOR ETFS TR	US EQT ULTRA BFR	
45782C 43 3	INNOVATOR ETFS TR	US EQTY BUFR FEB	
45782C 46 6	INNOVATOR ETFS TR	GRWT100 PWR BF	
45782C 47 4	INNOVATOR ETFS TR	US SML CP PWR B	
45782C 50 8	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 51 6	INNOVATOR ETFS TR	EMRGNG MKT JAN	
45782C 52 4	INNOVATOR ETFS TR	INTRNL DEV JAN	
45782C 53 2	INNOVATOR ETFS TR	US EQTY ULTRA B	
45782C 54 0	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 55 7	INNOVATOR ETFS TR	US EQTY BUF DEC	
45782C 56 5	INNOVATOR ETFS TR	US EQTY ULTRA BU	
45782C 57 3	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 58 1	INNOVATOR ETFS TR	US EQTY BUF NOV	
45782C 59 9	INNOVATOR ETFS TR	US SML CP PWR B	
45782C 61 5	INNOVATOR ETFS TR	GRWT100 PWR BUF	
45782C 62 3	INNOVATOR ETFS TR	EMERGING MKT PWR	
45782C 63 1	INNOVATOR ETFS TR	INTERNATIONAL DV	
45782C 64 9	INNOVATOR ETFS TR	US EQTY ULTRA B	
45782C 65 6 *	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 90 6	INNOVATOR ETFS TR	CALL	
45782C 95 6	INNOVATOR ETFS TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 352

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45782C 66 4	INNOVATOR ETFS TR	US EQTY BUF SEP	
45782C 67 2	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 68 0	INNOVATOR ETFS TR	US EQTY PWR BF	
45782C 69 8	INNOVATOR ETFS TR	US EQUT BUFR AUG	
45782C 71 4	INNOVATOR ETFS TR	EMRGNG MKT JULY	
45782C 72 2	INNOVATOR ETFS TR	INTRNL DEV JULY	
45782C 73 0	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 74 8	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 75 5	INNOVATOR ETFS TR	US EQTY BUFR JUN	
45782C 76 3	INNOVATOR ETFS TR	IBD BREAKOUT	
45782C 77 1	INNOVATOR ETFS TR	US EQTY BUF OCT	
45782C 78 9	INNOVATOR ETFS TR	US EQTY BUFR JUL	
45782C 79 7	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 80 5	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 81 3	INNOVATOR ETFS TR	US EQTY PWR BUF	
45782C 82 1	INNOVATOR ETFS TR	US EQTY ULTRA B	
45782C 83 9	INNOVATOR ETFS TR	US EQT ULTRA BF	
45782C 86 2 *	INNOVATOR ETFS TR	LOUP FRONTIER	
45782C 90 2	INNOVATOR ETFS TR	CALL	
45782C 95 2	INNOVATOR ETFS TR	PUT	
45782C 87 0	INNOVATOR ETFS TR	US EQT PWR BUF	
45782C 88 8	INNOVATOR ETFS TR	US EQT BUFR APR	
45782N 10 8 *	INSPIRED ENTMT INC	COM	
45782N 90 8	INSPIRED ENTMT INC	CALL	
45782N 95 8	INSPIRED ENTMT INC	PUT	
45782T 10 5 *	INMUNE BIO INC	COM	
45782T 90 5	INMUNE BIO INC	CALL	
45782T 95 5	INMUNE BIO INC	PUT	
45783C 10 1 *	INSTIL BIO INC	COM	
45783C 90 1	INSTIL BIO INC	CALL	
45783C 95 1	INSTIL BIO INC	PUT	
45783Q AB 6	INOTIV INC	NOTE 3.250%10/1	
45783Q 10 0 *	INOTIV INC	COM	
45783Q 90 0	INOTIV INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 353

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
45783Q 95 0	INOTIV INC	PUT	
45783Y 10 3	INNOVATOR ETFS TR	US EQUITY ACCELE	
45783Y 20 2	INNOVATOR ETFS TR	US EQUITY	
45783Y 30 1	INNOVATOR ETFS TR	US EQUITY ACCELE	
45783Y 40 0	INNOVATOR ETFS TR	US EQT ACCEL PLS	
45783Y 50 9	INNOVATOR ETFS TR	GROWTH ACCELE	
45783Y 60 8	INNOVATOR ETFS TR	GROWTH ACCELERAT	
45783Y 66 5	INNOVATOR ETFS TR	GRADIENT TACTIC	
45783Y 67 3	INNOVATOR ETFS TR	QUITY MANAGD FLR	
45783Y 69 9	INNOVATOR ETFS TR	UNCAPPED ACCLRTD	
45783Y 70 7	INNOVATOR ETFS TR	US EQT ACLRTD ET	
45783Y 71 5	INNOVATOR ETFS TR	HEDGED TESLA ETF	
45783Y 72 3	INNOVATOR ETFS TR	POWER BUFFER SET	
45783Y 73 1	INNOVATOR ETFS TR	BUFFER STEP UP S	
45783Y 75 6	INNOVATOR ETFS TR	LADDERED ALC BFR	
45783Y 76 4	INNOVATOR ETFS TR	US EQTY ACC ETF	
45783Y 77 2	INNOVATOR ETFS TR	US EQTY ACC PLUS	
45783Y 78 0	INNOVATOR ETFS TR	US EQT ACC 9 BFR	
45783Y 79 8	INNOVATOR ETFS TR	GRWT ACCLTD PLUS	
45783Y 80 6	INNOVATOR ETFS TR	US EQT ALRTD PLS	
45783Y 81 4	INNOVATOR ETFS TR	LADERD ALCTN PWR	
45783Y 82 2	INNOVATOR ETFS TR	S&P INVT GRD PFD	
45783Y 83 0	INNOVATOR ETFS TR	US EQTY ACCELRTD	
45783Y 84 8	INNOVATOR ETFS TR	US EQTY ACCELRT9	
45783Y 85 5 *	INNOVATOR ETFS TR	DEFINED WLT SHLD	
45783Y 90 5	INNOVATOR ETFS TR	CALL	
45783Y 95 5	INNOVATOR ETFS TR	PUT	
45783Y 87 1	INNOVATOR ETFS TR	GRWT ACLRTD PLUS	
45783Y 88 9	INNOVATOR ETFS TR	US EQT ACLRTD 9	
45784A 10 4 *	INNOVAGE HLDG CORP	COM	
45784A 90 4	INNOVAGE HLDG CORP	CALL	
45784A 95 4	INNOVAGE HLDG CORP	PUT	
45784J 10 5 *	INNOVATE CORP	COM	
45784J 90 5	INNOVATE CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 354

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45784J 95 5	INNOVATE CORP	PUT	
45784L 10 0	INSIGHT ACQUISITION CORP	COM CL A	
45784L 11 8	INSIGHT ACQUISITION CORP	*W EXP 08/26/202	DELETED
45784L 20 9	INSIGHT ACQUISITION CORP	UNIT 99/99/9999	
45784P AK 7	INSULET CORP	NOTE 0.375% 9/0	
45784P 10 1 *	INSULET CORP	COM	
45784P 90 1	INSULET CORP	CALL	
45784P 95 1	INSULET CORP	PUT	
45790J 86 7	INPIXON	COM NEW 2022	
45790W 10 8 *	INOZYME PHARMA INC	COM	
45790W 90 8	INOZYME PHARMA INC	CALL	
45790W 95 8	INOZYME PHARMA INC	PUT	
45791D 10 9	INNOVATIVE EYEWEAR INC	COM	
45791D 11 7	INNOVATIVE EYEWEAR INC	*W EXP 08/16/202	
45791E 10 7 *	INSPIRATO INCORPORATED	COM CL A	
45791E 90 7	INSPIRATO INCORPORATED	CALL	
45791E 95 7	INSPIRATO INCORPORATED	PUT	
45791E 11 5	INSPIRATO INCORPORATED	*W EXP 02/11/202	
457919 10 8	INNSUITES HOSPITALITY TR	SH BEN INT	
457985 AM 1	INTEGRA LIFESCIENCES HLDGS C	NOTE 0.500% 8/1	
457985 20 8 *	INTEGRA LIFESCIENCES HLDGS C	COM NEW	
457985 90 8	INTEGRA LIFESCIENCES HLDGS C	CALL	
457985 95 8	INTEGRA LIFESCIENCES HLDGS C	PUT	
458140 10 0 *	INTEL CORP	COM	
458140 90 0	INTEL CORP	CALL	
458140 95 0	INTEL CORP	PUT	
45816D 10 0	CORECARD CORPORATION	COM	
45817G 20 1 *	INTELLICHECK INC	COM NEW	
45817G 90 1	INTELLICHECK INC	CALL	
45817G 95 1	INTELLICHECK INC	PUT	
45824Q 50 7	GLUCOTRACK INC	COM NEW	
45825X 20 4	INTELLINETICS INC	COM	
45826H 10 9 *	INTEGER HLDGS CORP	COM	
45826H 90 9	INTEGER HLDGS CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 355

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45826H 95 9	INTEGER HLDGS CORP	PUT	
45826J 10 5 *	INTELLIA THERAPEUTICS INC	COM	
45826J 90 5	INTELLIA THERAPEUTICS INC	CALL	
45826J 95 5	INTELLIA THERAPEUTICS INC	PUT	
45826T 30 1	INTEGRA RES CORP	COM NEW	
45827K 10 1	INTEGRAL ACQUISITION CORP 1	CLASS A COM	
45827K 11 9	INTEGRAL ACQUISITION CORP 1	*W EXP 05/31/202	
45827K 20 0	INTEGRAL ACQUISITION CORP 1	UNIT 05/31/2028	
45827R 10 6	INTEGRATED RAIL AND RES ACQ	CL A COM	
45827R 11 4	INTEGRATED RAIL AND RES ACQ	*W EXP 99/99/999	
45827R 20 5	INTEGRATED RAIL AND RES ACQ	UNIT 99/99/9999	
45827U 10 9 *	INTAPP INC	COM	
45827U 90 9	INTAPP INC	CALL	
45827U 95 9	INTAPP INC	PUT	
45828D 10 6	INTELLIGENT MEDI ACQSITN COR	CLASS A COM	
45828D 11 4	INTELLIGENT MEDI ACQSITN COR	*W EXP 11/05/202	
45828D 20 5	INTELLIGENT MEDI ACQSITN COR	UNIT 11/05/2026	
45828E 10 4	INTCHAINS GROUP LTD	ADS REPSTG CL A	ADDED
45828L 10 8 *	INTEGRAL AD SCIENCE HLDNG CO	COM	
45828L 90 8	INTEGRAL AD SCIENCE HLDNG CO	CALL	
45828L 95 8	INTEGRAL AD SCIENCE HLDNG CO	PUT	
458334 10 9 *	INTER PARFUMS INC	COM	
458334 90 9	INTER PARFUMS INC	CALL	
458334 95 9	INTER PARFUMS INC	PUT	
45841N 10 7 *	INTERACTIVE BROKERS GROUP IN	COM CL A	
45841N 90 7	INTERACTIVE BROKERS GROUP IN	CALL	
45841N 95 7	INTERACTIVE BROKERS GROUP IN	PUT	
45845P AA 6	INTERCEPT PHARMACEUTICALS IN	NOTE 3.250% 7/0	
45845P AB 4	INTERCEPT PHARMACEUTICALS IN	NOTE 2.000% 5/1	
45845P AC 2	INTERCEPT PHARMACEUTICALS IN	NOTE 3.500% 2/1	
45845P 10 8 *	INTERCEPT PHARMACEUTICALS IN	COM	
45845P 90 8	INTERCEPT PHARMACEUTICALS IN	CALL	
45845P 95 8	INTERCEPT PHARMACEUTICALS IN	PUT	
45857P 80 6	INTERCONTINENTAL HOTELS GROU	SPONSORED ADS	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 356

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45866F 10 4 *	INTERCONTINENTAL EXCHANGE IN	COM	
45866F 90 4	INTERCONTINENTAL EXCHANGE IN	CALL	
45866F 95 4	INTERCONTINENTAL EXCHANGE IN	PUT	
458665 30 4 *	INTERFACE INC	COM	
458665 90 4	INTERFACE INC	CALL	
458665 95 4	INTERFACE INC	PUT	
45867G AB 7	INTERDIGITAL INC	NOTE 2.000% 6/0	
45867G 10 1 *	INTERDIGITAL INC	COM	
45867G 90 1	INTERDIGITAL INC	CALL	
45867G 95 1	INTERDIGITAL INC	PUT	
458685 10 4	INTERGROUP CORP	COM	
458751 30 2	INTERLINK ELECTRS INC	COM NEW	
459044 10 3 *	INTERNATIONAL BANCSHARES COR	COM	
459044 90 3	INTERNATIONAL BANCSHARES COR	CALL	
459044 95 3	INTERNATIONAL BANCSHARES COR	PUT	
459200 10 1 *	INTERNATIONAL BUSINESS MACHS	COM	
459200 90 1	INTERNATIONAL BUSINESS MACHS	CALL	
459200 95 1	INTERNATIONAL BUSINESS MACHS	PUT	
459506 10 1 *	INTERNATIONAL FLAVORS&FRAGRA	COM	
459506 90 1	INTERNATIONAL FLAVORS&FRAGRA	CALL	
459506 95 1	INTERNATIONAL FLAVORS&FRAGRA	PUT	
459506 30 9	INTERNATIONAL FLAVORS&FRAGRA	UNIT 09/15/2021	
459867 10 7	INTERNATIONAL MEDIA ACQUISIT	CLASS A COM	
459867 11 5	INTERNATIONAL MEDIA ACQUISIT	*W EXP 07/21/202	
459867 12 3	INTERNATIONAL MEDIA ACQUISIT	RIGHT 99/99/9999	
459867 20 6	INTERNATIONAL MEDIA ACQUISIT	UNIT 07/21/2026	
46005L 10 1 *	INTERNATIONAL MNY EXPRESS IN	COM	
46005L 90 1	INTERNATIONAL MNY EXPRESS IN	CALL	
46005L 95 1	INTERNATIONAL MNY EXPRESS IN	PUT	
460146 10 3 *	INTERNATIONAL PAPER CO	COM	
460146 90 3	INTERNATIONAL PAPER CO	CALL	
460146 95 3	INTERNATIONAL PAPER CO	PUT	
46050R 10 2	INTERNATIONAL TOWER HILL MIN	COM	
46064R 10 6	INTERPRIVATE III FINANCIAL P	COM CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 357

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46064R 11 4	INTERPRIVATE III FINANCIAL P	*W EXP 99/99/999	
46064R 20 5	INTERPRIVATE III FINANCIAL P	UNIT 99/99/9999	
46064T 10 2	INTERPRIVATE IV INFRATECH PR	CLASS A COM	
46064T 11 0	INTERPRIVATE IV INFRATECH PR	*W EXP 03/05/202	
46064T 20 1	INTERPRIVATE IV INFRATECH PR	UNIT 03/05/2026	
460690 10 0 *	INTERPUBLIC GROUP COS INC	COM	
460690 90 0	INTERPUBLIC GROUP COS INC	CALL	
460690 95 0	INTERPUBLIC GROUP COS INC	PUT	
46090A 10 1 *	INVESCO ACTIVELY MANAGED ETF	ACTIVE US REAL	
46090A 90 1	INVESCO ACTIVELY MANAGED ETF	CALL	
46090A 95 1	INVESCO ACTIVELY MANAGED ETF	PUT	
46090A 20 0	INVESCO ACTIVELY MANAGED ETF	BLNCD MLTI AST	
46090A 30 9	INVESCO ACTIVELY MANAGED ETF	CNSRTV MLT AST	
46090A 40 8	INVESCO ACTIVELY MANAGED ETF	GWT MLTI ASST	
46090A 50 7	INVESCO ACTIVELY MANAGED ETF	MDRTLY CNSRTIV	
46090A 70 5	INVESCO ACTIVELY MANAGED ETF	S&P500 DOWNSID	
46090A 72 1	INVESCO ACTIVELY MANAGED ETF	AAA CLO FLTNG RT	
46090A 73 9	INVESCO ACTIVELY MANAGED ETF	SHORT DRTN BOND	
46090A 74 7	INVESCO ACTIVELY MANAGED ETF	MUNICIPAL STRTGC	
46090A 75 4	INVESCO ACTIVELY MANAGED ETF	HIGH YLD SELECT	
46090A 77 0	INVESCO ACTIVELY MANAGED ETF	SELECT GROWT ETF	DELETED
46090A 78 8	INVESCO ACTIVELY MANAGED ETF	REAL ASSETS ESG	
46090A 79 6	INVESCO ACTIVELY MANAGED ETF	FOCUSED DISCOVERY	DELETED
46090A 80 4	INVESCO ACTIVELY MANAGED ETF	TOTAL RETURN	
46090A 81 2	INVESCO ACTIVELY MANAGED ETF	US LARGE CAP CRE	DELETED
46090A 85 3	INVESCO ACTIVELY MANAGED ETF	INVSCO HY BD FCT	
46090A 87 9	INVESCO ACTIVELY MANAGED ETF	VAR RATE INVT	
46090A 88 7 *	INVESCO ACTIVELY MANAGED ETF	ULTRA SHRT DUR	
46090A 90 7	INVESCO ACTIVELY MANAGED ETF	CALL	
46090A 95 7	INVESCO ACTIVELY MANAGED ETF	PUT	
46090C 30 5	INVESCO BLDRS INDEX FDS TR	EMGRING MKTS50	DELETED
46090E 10 3 *	INVESCO QQQ TR	UNIT SER 1	
46090E 90 3	INVESCO QQQ TR	CALL	
46090E 95 3	INVESCO QQQ TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 358

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46090F 10 0 *	INVESCO ACTVELY MNGD ETC FD	OPTIMUM YIELD	
46090F 90 0	INVESCO ACTVELY MNGD ETC FD	CALL	
46090F 95 0	INVESCO ACTVELY MNGD ETC FD	PUT	
46090F 20 9 *	INVESCO ACTVELY MNGD ETC FD	ELC VEH MTLs CDT	
46090F 90 9	INVESCO ACTVELY MNGD ETC FD	CALL	
46090F 95 9	INVESCO ACTVELY MNGD ETC FD	PUT	
46090F 30 8 *	INVESCO ACTVELY MNGD ETC FD	AGRI CMDTY STRA	
46090F 90 8	INVESCO ACTVELY MNGD ETC FD	CALL	
46090F 95 8	INVESCO ACTVELY MNGD ETC FD	PUT	
46090N 10 3 *	INVESCO CURRENCYSHARES AUSTR	AUSTRALIAN DOL	
46090N 90 3	INVESCO CURRENCYSHARES AUSTR	CALL	
46090N 95 3	INVESCO CURRENCYSHARES AUSTR	PUT	
46090R 10 4 *	INVESTCORP CR MGMT BDC INC	COM	
46090R 90 4	INVESTCORP CR MGMT BDC INC	CALL	
46090R 95 4	INVESTCORP CR MGMT BDC INC	PUT	
461147 10 0 *	INTEST CORP	COM	
461147 90 0	INTEST CORP	CALL	
461147 95 0	INTEST CORP	PUT	
461148 10 8 *	INTEVAC INC	COM	
461148 90 8	INTEVAC INC	CALL	
461148 95 8	INTEVAC INC	PUT	
46116X 10 1 *	INTRA-CELLULAR THERAPIES INC	COM	
46116X 90 1	INTRA-CELLULAR THERAPIES INC	CALL	
46116X 95 1	INTRA-CELLULAR THERAPIES INC	PUT	
46120E 60 2 *	INTUITIVE SURGICAL INC	COM NEW	
46120E 90 2	INTUITIVE SURGICAL INC	CALL	
46120E 95 2	INTUITIVE SURGICAL INC	PUT	
461202 10 3 *	INTUIT	COM	
461202 90 3	INTUIT	CALL	
461202 95 3	INTUIT	PUT	
461203 AJ 0	INVACARE CORP	NOTE 5.000%11/1	DELETED
461203 AL 5	INVACARE CORP	NOTE 5.000%11/1	DELETED
461203 AQ 4	INVACARE CORP	NOTE 4.250% 3/1	DELETED
461203 10 1 *	INVACARE CORP	COM	DELETED



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 359

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
461203 90 1	INVACARE CORP	CALL	DELETED
461203 95 1	INVACARE CORP	PUT	DELETED
46121E 20 5 *	INTRUSION INC	COM NEW	
46121E 90 5	INTRUSION INC	CALL	
46121E 95 5	INTRUSION INC	PUT	
46121Y 20 1 *	INTREPID POTASH INC	COM	
46121Y 90 1	INTREPID POTASH INC	CALL	
46121Y 95 1	INTREPID POTASH INC	PUT	
46122T AA 0	PRECIGEN INC	NOTE 3.500% 7/0	
46122W 20 4	INUVO INC	COM NEW	
46124J 20 1 *	INVENTRUST PPTYS CORP	COM NEW	
46124J 90 1	INVENTRUST PPTYS CORP	CALL	
46124J 95 1	INVENTRUST PPTYS CORP	PUT	
46124U 10 7	INVENTIVA SA	ADS	
46125A 10 0	INTUITIVE MACHINES INC	CLASS A COM	ADDED
46125A 11 8	INTUITIVE MACHINES INC	*W EXP 02/13/202	ADDED
46131B 70 4 *	INVESCO MORTGAGE CAPITAL INC	COM	
46131B 90 4	INVESCO MORTGAGE CAPITAL INC	CALL	
46131B 95 4	INVESCO MORTGAGE CAPITAL INC	PUT	
46131F 10 1	INVESCO HIGH INCOME TR II	COM	
46131H 10 7	INVESCO SR INCOME TR	COM	
46131J 10 3	INVESCO MUNICIPAL TRUST	COM	
46131M 10 6	INVESCO TR INVT GRADE MUNS	COM	
46131T 10 1	INVESCO TR INVT GRADE NEW YO	COM	
46132C 10 7	INVESCO MUN OPPORTUNITY TR	COM	
46132E 10 3	INVESCO ADVANTAGE MUN INCOME	SH BEN INT	
46132H 10 6	INVESCO CALIF VALUE MUN INCO	COM	
46132K 10 9	INVESCO PA VALUE MUN INC TR	COM	
46132L 10 7	INVESCO BD FD	COM	
46132P 10 8	INVESCO VALUE MUN INCOME TR	COM	
46132X 10 1	INVESCO MUNI INCOME OPP TRST	COM	
46133G 10 7	INVESCO QUALITY MUN INCOME T	COM	
46134L 10 5	INVESTAR HLDG CORP	COM	
46135X 10 8	INVESCO HIG INCM 2023 TARG T	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 360

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46136K 10 5	INVESCO HIGH INCOME 2024 TAR	COM	
46137R 10 9 *	INVESCO INDIA EXCHANGE-TRADE	INDIA ETF	
46137R 90 9	INVESCO INDIA EXCHANGE-TRADE	CALL	
46137R 95 9	INVESCO INDIA EXCHANGE-TRADE	PUT	
46137V 10 0 *	INVESCO EXCHANGE TRADED FD T	AEROSPACE DEFN	
46137V 90 0	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 0	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 13 4 *	INVESCO EXCHANGE TRADED FD T	WILDERHIL CLAN	
46137V 90 4	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 4	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 14 2 *	INVESCO EXCHANGE TRADED FD T	WATER RES ETF	
46137V 90 2	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 2	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 15 9 *	INVESCO EXCHANGE TRADED FD T	S&P SPIN OFF	
46137V 90 9	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 9	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 16 7 *	INVESCO EXCHANGE TRADED FD T	S&P SML600 VAL	
46137V 90 7	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 7	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 17 5	INVESCO EXCHANGE TRADED FD T	S&P SML600 GWT	
46137V 18 3	INVESCO EXCHANGE TRADED FD T	S&P SML 600 EQ	DELETED
46137V 19 1 *	INVESCO EXCHANGE TRADED FD T	S&P MDCP400 VL	
46137V 90 1	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 1	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 21 7	INVESCO EXCHANGE TRADED FD T	S&P MDCP400 PR	
46137V 22 5 *	INVESCO EXCHANGE TRADED FD T	S&P MDCP400 EQ	
46137V 90 5	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 5	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 23 3 *	INVESCO EXCHANGE TRADED FD T	S&P 500 TOP 50	
46137V 90 3	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 3	INVESCO EXCHANGE TRADED FD T	PUT	
46137V 24 1 *	INVESCO EXCHANGE TRADED FD T	S&P500 QUALITY	
46137V 90 1	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 1	INVESCO EXCHANGE TRADED FD T	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 361

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46137V 25 8 *	INVESCO EXCHANGE	TRADED FD T S&P500 PUR VAL	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 26 6 *	INVESCO EXCHANGE	TRADED FD T S&P500 PUR GWT	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 27 4 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL UTL	
46137V 90 4	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 4	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 28 2 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL TEC	
46137V 90 2	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 2	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 29 0 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL REL	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 30 8 *	INVESCO EXCHANGE	TRADED FD T BUYBACK ACHIEV	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 31 6 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL MAT	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 32 4 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL IND	
46137V 90 4	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 4	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 33 2 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL HLT	
46137V 90 2	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 2	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 34 0 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL FIN	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 35 7 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL WGT	
46137V 90 7	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 7	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 36 5 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL ENR	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 362

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46137V 90 5	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 5	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 37 3 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL STP	
46137V 90 3	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 3	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 38 1 *	INVESCO EXCHANGE	TRADED FD T S&P500 EQL DIS	
46137V 90 1	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 39 9 *	INVESCO EXCHANGE	TRADED FD T S&P500 BUY WRT	
46137V 90 9	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 9	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 40 7 *	INVESCO EXCHANGE	TRADED FD T INVESCO MSCI	
46137V 90 7	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 7	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 42 3 *	INVESCO EXCHANGE	TRADED FD T S&P 500 VLU MOMN	
46137V 90 3	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 3	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 43 1 *	INVESCO EXCHANGE	TRADED FD T S&P 500 GARP ETF	
46137V 90 1	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 44 9 *	INVESCO EXCHANGE	TRADED FD T S&P 100 EQL WIGH	
46137V 90 9	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 9	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 45 6 *	INVESCO EXCHANGE	TRADED FD T S&P MDCP VLU MNT	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 46 4 *	INVESCO EXCHANGE	TRADED FD T S&P MDCP MOMNTUM	
46137V 90 4	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 4	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 47 2 *	INVESCO EXCHANGE	TRADED FD T S&P MDCP QUALITY	
46137V 90 2	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 2	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 48 0 *	INVESCO EXCHANGE	TRADED FD T S&P SMCP VLU MNT	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 363

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 49 8 *	INVESCO EXCHANGE	TRADED FD T S&P SMLCP MOMENT	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 50 6 *	INVESCO EXCHANGE	TRADED FD T DIVID ACHIEVEV	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 52 2	INVESCO EXCHANGE	TRADED FD T RYMND JMS SB 1	
46137V 53 0 *	INVESCO EXCHANGE	TRADED FD T NASDAQ INTERNT	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 54 8 *	INVESCO EXCHANGE	TRADED FD T INTL DIVI ACHI	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 56 3 *	INVESCO EXCHANGE	TRADED FD T HIG YLD EQ DIV	
46137V 90 3	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 3	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 57 1 *	INVESCO EXCHANGE	TRADED FD T GLOBAL DRGN CN	
46137V 90 1	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 58 9 *	INVESCO EXCHANGE	TRADED FD T GBL LISTED PVT	
46137V 90 9	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 9	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 59 7 *	INVESCO EXCHANGE	TRADED FD T FTSE RAFI 1500	
46137V 90 7	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 7	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 60 5 *	INVESCO EXCHANGE	TRADED FD T DJ INDL AVG DV	
46137V 90 5	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 5	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 61 3 *	INVESCO EXCHANGE	TRADED FD T FTSE RAFI 1000	
46137V 90 3	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 3	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 62 1 *	INVESCO EXCHANGE	TRADED FD T FINL PFD ETF	
46137V 90 1	INVESCO EXCHANGE	TRADED FD T CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 364

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 63 9 *	INVESCO EXCHANGE	TRADED FD T DYNMC SOFTWARE	
46137V 90 9	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 9	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 64 7 *	INVESCO EXCHANGE	TRADED FD T DYNMC SEMICNDT	
46137V 90 7	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 7	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 66 2 *	INVESCO EXCHANGE	TRADED FD T DYNMC PHRMCTLS	
46137V 90 2	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 2	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 67 0 *	INVESCO EXCHANGE	TRADED FD T DYNMC OIL GAS	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 68 8 *	INVESCO EXCHANGE	TRADED FD T DYNMC NETWRNG	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 69 6 *	INVESCO EXCHANGE	TRADED FD T DYNMC MEDIA	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 70 4 *	INVESCO EXCHANGE	TRADED FD T DWA BASIC MATL	
46137V 90 4	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 4	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 71 2	INVESCO EXCHANGE	TRADED FD T DYNMC MKT ETF	
46137V 72 0 *	INVESCO EXCHANGE	TRADED FD T DYNMC LEISURE	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 73 8 *	INVESCO EXCHANGE	TRADED FD T DYNMC LRG VALU	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 74 6 *	INVESCO EXCHANGE	TRADED FD T DYNMC LRG GWTH	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 75 3 *	INVESCO EXCHANGE	TRADED FD T DYNMC FOOD BEV	
46137V 90 3	INVESCO EXCHANGE	TRADED FD T CALL	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46137V 95 3	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 76 1 *	INVESCO EXCHANGE	TRADED FD T DYNMC ENRG EXP	
46137V 90 1	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 77 9 *	INVESCO EXCHANGE	TRADED FD T DYNMC BLDG CON	
46137V 90 9	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 9	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 78 7 *	INVESCO EXCHANGE	TRADED FD T DYNMC BIOTECH	
46137V 90 7	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 7	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 79 5 *	INVESCO EXCHANGE	TRADED FD T DWA UTILS MUMT	
46137V 90 5	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 5	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 80 3 *	INVESCO EXCHANGE	TRADED FD T DWA CYCLICALS	
46137V 90 3	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 3	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 81 1 *	INVESCO EXCHANGE	TRADED FD T DWA TECHNOLOGY	
46137V 90 1	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 83 7 *	INVESCO EXCHANGE	TRADED FD T DWA MOMENTUM	
46137V 90 7	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 7	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 84 5 *	INVESCO EXCHANGE	TRADED FD T DWA INDLS MUMT	
46137V 90 5	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 5	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 85 2 *	INVESCO EXCHANGE	TRADED FD T DWA HEALTHCARE	
46137V 90 2	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 2	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 86 0 *	INVESCO EXCHANGE	TRADED FD T DWA FINL MUMT	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 0	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 87 8 *	INVESCO EXCHANGE	TRADED FD T DWA ENERGY MNT	
46137V 90 8	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 8	INVESCO EXCHANGE	TRADED FD T PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 366

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46137V 88 6 *	INVESCO EXCHANGE TRADED FD T	DWA STAPLES	
46137V 90 6	INVESCO EXCHANGE TRADED FD T	CALL	
46137V 95 6	INVESCO EXCHANGE TRADED FD T	PUT	
46137Y 40 1	INVESCO EXCHANGE TRADED FD T	ZACKS MID CAP	
46137Y 50 0 *	INVESCO EXCHANGE TRADED FD T	ZACKS MULT AST	
46137Y 90 0	INVESCO EXCHANGE TRADED FD T	CALL	
46137Y 95 0	INVESCO EXCHANGE TRADED FD T	PUT	
46137Y 60 9 *	INVESCO EXCHANGE TRADED FD T	S&P 500A EQL	
46137Y 90 9	INVESCO EXCHANGE TRADED FD T	CALL	
46137Y 95 9	INVESCO EXCHANGE TRADED FD T	PUT	
46138B 10 3 *	INVESCO DB COMMDY INDX TRCK	UNIT	
46138B 90 3	INVESCO DB COMMDY INDX TRCK	CALL	
46138B 95 3	INVESCO DB COMMDY INDX TRCK	PUT	
46138E 10 7	INVESCO EXCH TRADED FD TR II	1 30 LADER TRE	
46138E 11 5 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP INFO	
46138E 90 5	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 5	INVESCO EXCH TRADED FD TR II	PUT	
46138E 12 3 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP INDL	
46138E 90 3	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 3	INVESCO EXCH TRADED FD TR II	PUT	
46138E 13 1	INVESCO EXCH TRADED FD TR II	S&P SMLCAP HIG	
46138E 14 9 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP HELT	
46138E 90 9	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 9	INVESCO EXCH TRADED FD TR II	PUT	
46138E 15 6 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP FINL	
46138E 90 6	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 6	INVESCO EXCH TRADED FD TR II	PUT	
46138E 16 4 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP ENGY	
46138E 90 4	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 4	INVESCO EXCH TRADED FD TR II	PUT	
46138E 17 2 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP STAP	
46138E 90 2	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 2	INVESCO EXCH TRADED FD TR II	PUT	
46138E 18 0 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP DISC	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 367

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46138E 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 0	INVESCO EXCH TRADED FD TR II	PUT	
46138E 19 8 *	INVESCO EXCH TRADED FD TR II	S&P MIDCP LOW	
46138E 90 8	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 8	INVESCO EXCH TRADED FD TR II	PUT	
46138E 20 6 *	INVESCO EXCH TRADED FD TR II	CALIF AMT MUN	
46138E 90 6	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 6	INVESCO EXCH TRADED FD TR II	PUT	
46138E 21 4	INVESCO EXCH TRADED FD TR II	S&P INTL QULTY	
46138E 22 2	INVESCO EXCH TRADED FD TR II	S&P INTL MOMNT	
46138E 23 0 *	INVESCO EXCH TRADED FD TR II	S&P INTL LOW	
46138E 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 0	INVESCO EXCH TRADED FD TR II	PUT	
46138E 24 8	INVESCO EXCH TRADED FD TR II	S&P INTL DEV	DELETED
46138E 26 3 *	INVESCO EXCH TRADED FD TR II	S&P GBL WATER	
46138E 90 3	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 3	INVESCO EXCH TRADED FD TR II	PUT	
46138E 28 9	INVESCO EXCH TRADED FD TR II	S&P EMRNG MMTM	
46138E 29 7 *	INVESCO EXCH TRADED FD TR II	S&P EMRNG MKTS	
46138E 90 7	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 7	INVESCO EXCH TRADED FD TR II	PUT	
46138E 33 9 *	INVESCO EXCH TRADED FD TR II	S&P 500 MOMNTM	
46138E 90 9	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 9	INVESCO EXCH TRADED FD TR II	PUT	
46138E 34 7	INVESCO EXCH TRADED FD TR II	S&P500 MIN VAR	
46138E 35 4 *	INVESCO EXCH TRADED FD TR II	S&P500 LOW VOL	
46138E 90 4	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 4	INVESCO EXCH TRADED FD TR II	PUT	
46138E 36 2 *	INVESCO EXCH TRADED FD TR II	S&P500 HDL VOL	
46138E 90 2	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 2	INVESCO EXCH TRADED FD TR II	PUT	
46138E 37 0 *	INVESCO EXCH TRADED FD TR II	S&P 500 HB ETF	
46138E 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 0	INVESCO EXCH TRADED FD TR II	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 368

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46138E 38 8 *	INVESCO EXCH TRADED FD TR II	S&P 500 EX RAT	
46138E 90 8	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 8	INVESCO EXCH TRADED FD TR II	PUT	
46138E 39 6 *	INVESCO EXCH TRADED FD TR II	S&P 500 ENHNCD	
46138E 90 6	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 6	INVESCO EXCH TRADED FD TR II	PUT	
46138E 40 4 *	INVESCO EXCH TRADED FD TR II	CEF INM COMPSI	
46138E 90 4	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 4	INVESCO EXCH TRADED FD TR II	PUT	
46138E 41 2 *	INVESCO EXCH TRADED FD TR II	RUSEL 1000 LOW	DELETED
46138E 90 2	INVESCO EXCH TRADED FD TR II	CALL	DELETED
46138E 95 2	INVESCO EXCH TRADED FD TR II	PUT	DELETED
46138E 42 0 *	INVESCO EXCH TRADED FD TR II	RUSEL 1000 EQL	
46138E 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 0	INVESCO EXCH TRADED FD TR II	PUT	
46138E 43 8	INVESCO EXCH TRADED FD TR II	RUSL 1000 ENHD	DELETED
46138E 44 6	INVESCO EXCH TRADED FD TR II	PURBETA US AGG	
46138E 45 3	INVESCO EXCH TRADED FD TR II	PURBTA MSCI SM	
46138E 46 1	INVESCO EXCH TRADED FD TR II	PURBTA MSCI US	
46138E 47 9	INVESCO EXCH TRADED FD TR II	PURBTA FTSE EM	
46138E 48 7	INVESCO EXCH TRADED FD TR II	PURBTA FTSE DV	
46138E 49 5	INVESCO EXCH TRADED FD TR II	PURBTA 0 5 YR	
46138E 51 1 *	INVESCO EXCH TRADED FD TR II	PFD ETF	
46138E 90 1	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 1	INVESCO EXCH TRADED FD TR II	PUT	
46138E 52 9	INVESCO EXCH TRADED FD TR II	NY AMT FRE MUN	
46138E 53 7 *	INVESCO EXCH TRADED FD TR II	NATL AMT MUNI	
46138E 90 7	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 7	INVESCO EXCH TRADED FD TR II	PUT	
46138E 54 5 *	INVESCO EXCH TRADED FD TR II	MSCI GBL TIMBR	
46138E 90 5	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 5	INVESCO EXCH TRADED FD TR II	PUT	
46138E 57 8 *	INVESCO EXCH TRADED FD TR II	KBW REGL BKG	
46138E 90 8	INVESCO EXCH TRADED FD TR II	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 369

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46138E 95 8	INVESCO EXCH	TRADED FD TR II PUT	
46138E 58 6 *	INVESCO EXCH	TRADED FD TR II KBW PPTY CASUT	
46138E 90 6	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 6	INVESCO EXCH	TRADED FD TR II PUT	
46138E 59 4 *	INVESCO EXCH	TRADED FD TR II KBW PREM YIELD	
46138E 90 4	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 4	INVESCO EXCH	TRADED FD TR II PUT	
46138E 61 0 *	INVESCO EXCH	TRADED FD TR II KBW HIG DV YLD	
46138E 90 0	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 0	INVESCO EXCH	TRADED FD TR II PUT	
46138E 62 8 *	INVESCO EXCH	TRADED FD TR II KBW BK ETF	
46138E 90 8	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 8	INVESCO EXCH	TRADED FD TR II PUT	
46138E 63 6	INVESCO EXCH	TRADED FD TR II INTL CORP BD	
46138E 64 4 *	INVESCO EXCH	TRADED FD TR II INTL BUYBACK	
46138E 90 4	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 4	INVESCO EXCH	TRADED FD TR II PUT	
46138E 65 1 *	INVESCO EXCH	TRADED FD TR II GLOBAL WATER	
46138E 90 1	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 1	INVESCO EXCH	TRADED FD TR II PUT	
46138E 66 9	INVESCO EXCH	TRADED FD TR II GBL SRT TRM HY	
46138E 69 3	INVESCO EXCH	TRADED FD TR II FNDMNTL IG CRP	
46138E 71 9 *	INVESCO EXCH	TRADED FD TR II FNDMNTL HY CRP	
46138E 90 9	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 9	INVESCO EXCH	TRADED FD TR II PUT	
46138E 72 7 *	INVESCO EXCH	TRADED FD TR II FTSE RAFI EMNG	
46138E 90 7	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 7	INVESCO EXCH	TRADED FD TR II PUT	
46138E 73 5 *	INVESCO EXCH	TRADED FD TR II FTSE RAFI SML	
46138E 90 5	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 5	INVESCO EXCH	TRADED FD TR II PUT	
46138E 74 3 *	INVESCO EXCH	TRADED FD TR II FTSE RAFI DEV	
46138E 90 3	INVESCO EXCH	TRADED FD TR II CALL	
46138E 95 3	INVESCO EXCH	TRADED FD TR II PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 370

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46138E 76 8	INVESCO EXCH TRADED FD TR II	FTSE INTL LOW	DELETED
46138E 78 4 *	INVESCO EXCH TRADED FD TR II	EMRNG MKT SVRG	
46138E 90 4	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 4	INVESCO EXCH TRADED FD TR II	PUT	
46138E 80 0 *	INVESCO EXCH TRADED FD TR II	CHINA TECHNLOGY	
46138E 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 0	INVESCO EXCH TRADED FD TR II	PUT	
46138E 84 2 *	INVESCO EXCH TRADED FD TR II	DWA SMLCP MENT	
46138E 90 2	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 2	INVESCO EXCH TRADED FD TR II	PUT	
46138E 86 7 *	INVESCO EXCH TRADED FD TR II	DWA EMERG MKTS	
46138E 90 7	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 7	INVESCO EXCH TRADED FD TR II	PUT	
46138E 87 5 *	INVESCO EXCH TRADED FD TR II	DWA DEV MKTS	
46138E 90 5	INVESCO EXCH TRADED FD TR II	CALL	
46138E 95 5	INVESCO EXCH TRADED FD TR II	PUT	
46138G 10 2 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP LOW	
46138G 90 2	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 2	INVESCO EXCH TRADED FD TR II	PUT	
46138G 20 1 *	INVESCO EXCH TRADED FD TR II	S&P SMLCP MATL	
46138G 90 1	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 1	INVESCO EXCH TRADED FD TR II	PUT	
46138G 30 0 *	INVESCO EXCH TRADED FD TR II	S&P SMLCAP QTY	
46138G 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 0	INVESCO EXCH TRADED FD TR II	PUT	
46138G 40 9	INVESCO EXCH TRADED FD TR II	S&P SMLCP UTIL	
46138G 48 2	INVESCO EXCH TRADED FD TR II	NASDAQ FT GEN200	
46138G 50 8 *	INVESCO EXCH TRADED FD TR II	SR LN ETF	
46138G 90 8	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 8	INVESCO EXCH TRADED FD TR II	PUT	
46138G 51 6	INVESCO EXCH TRADED FD TR II	ESG S&P 500 EQL	
46138G 52 4	INVESCO EXCH TRADED FD TR II	ALERIAN GLXY BLK	
46138G 53 2	INVESCO EXCH TRADED FD TR II	ESG NASDAQ NEXT	
46138G 54 0	INVESCO EXCH TRADED FD TR II	ESG NASDAQ 100	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 371

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46138G 55 7 *	INVESCO EXCH TRADED FD TR II	ALERIAN GLXY CRY	
46138G 90 7	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 7	INVESCO EXCH TRADED FD TR II	PUT	
46138G 56 5	INVESCO EXCH TRADED FD TR II	S&P SMALLCAP 600	
46138G 57 3	INVESCO EXCH TRADED FD TR II	S&P MIDCAP 400	
46138G 58 1	INVESCO EXCH TRADED FD TR II	500 QVM MULTI	
46138G 59 9 *	INVESCO EXCH TRADED FD TR II	NASDAQ BIOTECH	
46138G 90 9	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 9	INVESCO EXCH TRADED FD TR II	PUT	
46138G 61 5 *	INVESCO EXCH TRADED FD TR II	INVESCO PHLX SM	
46138G 90 5	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 5	INVESCO EXCH TRADED FD TR II	PUT	
46138G 62 3 *	INVESCO EXCH TRADED FD TR II	MSCI GREEN BUIL	
46138G 90 3	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 3	INVESCO EXCH TRADED FD TR II	PUT	
46138G 63 1 *	INVESCO EXCH TRADED FD TR II	NASDAQNXTGEN100	
46138G 90 1	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 1	INVESCO EXCH TRADED FD TR II	PUT	
46138G 64 9 *	INVESCO EXCH TRADED FD TR II	NASDAQ 100 ETF	
46138G 90 9	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 9	INVESCO EXCH TRADED FD TR II	PUT	
46138G 65 6 *	INVESCO EXCH TRADED FD TR II	S&P ULTRA DIVIDE	
46138G 90 6	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 6	INVESCO EXCH TRADED FD TR II	PUT	
46138G 66 4 *	INVESCO EXCH TRADED FD TR II	S&P SMALLCAP 600	
46138G 90 4	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 4	INVESCO EXCH TRADED FD TR II	PUT	
46138G 67 2 *	INVESCO EXCH TRADED FD TR II	S&P MDCP 400 REV	
46138G 90 2	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 2	INVESCO EXCH TRADED FD TR II	PUT	
46138G 69 8 *	INVESCO EXCH TRADED FD TR II	S&P 500 REVENUE	
46138G 90 8	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 8	INVESCO EXCH TRADED FD TR II	PUT	
46138G 70 6 *	INVESCO EXCH TRADED FD TR II	SOLAR ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 372

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46138G 90 6	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 6	INVESCO EXCH TRADED FD TR II	PUT	
46138G 80 5 *	INVESCO EXCH TRADED FD TR II	TAXABLE MUN BD	
46138G 90 5	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 5	INVESCO EXCH TRADED FD TR II	PUT	
46138G 84 7 *	INVESCO EXCH TRADED FD TR II	GBL CLEAN ENRG	
46138G 90 7	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 7	INVESCO EXCH TRADED FD TR II	PUT	
46138G 86 2	INVESCO EXCH TRADED FD TR II	VRDO TAX FREE	
46138G 87 0 *	INVESCO EXCH TRADED FD TR II	VAR RATE PFD	
46138G 90 0	INVESCO EXCH TRADED FD TR II	CALL	
46138G 95 0	INVESCO EXCH TRADED FD TR II	PUT	
46138G 88 8	INVESCO EXCH TRADED FD TR II	TREAS COLATERL	
46138J 39 5	INVESCO EXCH TRD SLF IDX FD	BULETSHS 2029 HG	
46138J 41 1	INVESCO EXCH TRD SLF IDX FD	BULLETSHS 31 MUN	
46138J 42 9	INVESCO EXCH TRD SLF IDX FD	BULETSHS 2031 CP	
46138J 43 7	INVESCO EXCH TRD SLF IDX FD	INTL DEV DYNAMIC	
46138J 44 5	INVESCO EXCH TRD SLF IDX FD	INVSC 30 MUNI BD	
46138J 45 2	INVESCO EXCH TRD SLF IDX FD	INVSCO 28 HYCORP	
46138J 46 0	INVESCO EXCH TRD SLF IDX FD	INVSCO 30 CORP	
46138J 47 8	INVESCO EXCH TRD SLF IDX FD	BULSHS 2029 MUNI	
46138J 48 6	INVESCO EXCH TRD SLF IDX FD	BULSHS 2028 MUNI	
46138J 49 4	INVESCO EXCH TRD SLF IDX FD	BULSHS 2027 MUNI	
46138J 51 0	INVESCO EXCH TRD SLF IDX FD	BULSHS 2026 MUNI	
46138J 52 8	INVESCO EXCH TRD SLF IDX FD	BULSHS 2025 MUNI	
46138J 53 6	INVESCO EXCH TRD SLF IDX FD	BULSHS 2024 MUNI	
46138J 54 4	INVESCO EXCH TRD SLF IDX FD	BULSHS 2023 MUNI	
46138J 57 7	INVESCO EXCH TRD SLF IDX FD	BULETSHS 2029	
46138J 58 5	INVESCO EXCH TRD SLF IDX FD	BULETSHS 2027	
46138J 59 3	INVESCO EXCH TRD SLF IDX FD	RUSL 2000 DYNM	
46138J 61 9 *	INVESCO EXCH TRD SLF IDX FD	RUSL 1000 DYNM	
46138J 90 9	INVESCO EXCH TRD SLF IDX FD	CALL	
46138J 95 9	INVESCO EXCH TRD SLF IDX FD	PUT	
46138J 63 5	INVESCO EXCH TRD SLF IDX FD	INVSCO BLSH 26	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 373

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46138J 64 3	INVESCO EXCH TRD SLF IDX FD	INVSCO BLSH 28	
46138J 65 0	INVESCO EXCH TRD SLF IDX FD	BULLSHS 24 USD	DELETED
46138J 66 8	INVESCO EXCH TRD SLF IDX FD	BULLSHS 23 USD	DELETED
46138J 69 2	INVESCO EXCH TRD SLF IDX FD	RAFI STRG EMMRKT	DELETED
46138J 72 6	INVESCO EXCH TRD SLF IDX FD	RAFI STRG US ETF	DELETED
46138J 73 4	INVESCO EXCH TRD SLF IDX FD	RAFI STRG US SML	DELETED
46138J 74 2	INVESCO EXCH TRD SLF IDX FD	RAFI STRATGIC US	
46138J 77 5 *	INVESCO EXCH TRD SLF IDX FD	DEFENSIVE EQTY	
46138J 90 5	INVESCO EXCH TRD SLF IDX FD	CALL	
46138J 95 5	INVESCO EXCH TRD SLF IDX FD	PUT	
46138J 78 3	INVESCO EXCH TRD SLF IDX FD	BULSHS 2027 CB	
46138J 79 1	INVESCO EXCH TRD SLF IDX FD	BULSHS 2026 CB	
46138J 81 7	INVESCO EXCH TRD SLF IDX FD	BULSHS 2025 HY	
46138J 82 5	INVESCO EXCH TRD SLF IDX FD	BULSHS 2025 CB	
46138J 83 3	INVESCO EXCH TRD SLF IDX FD	BULSHS 2024 HY	
46138J 84 1	INVESCO EXCH TRD SLF IDX FD	BULSHS 2024 CB	
46138J 85 8	INVESCO EXCH TRD SLF IDX FD	BULSHS 2023 HY	
46138J 86 6	INVESCO EXCH TRD SLF IDX FD	BULSHS 2023 CB	
46138K 10 3 *	INVESCO CURRENCYSHARES EURO	EURO SHS	
46138K 90 3	INVESCO CURRENCYSHARES EURO	CALL	
46138K 95 3	INVESCO CURRENCYSHARES EURO	PUT	
46138M 10 9 *	INVESCO CURRENCYSHARES BRIT	BRIT POUN STRL	
46138M 90 9	INVESCO CURRENCYSHARES BRIT	CALL	
46138M 95 9	INVESCO CURRENCYSHARES BRIT	PUT	
46138R 10 8 *	INVESCO CURRENCYSHARES SWISS	SWISS FRANC	
46138R 90 8	INVESCO CURRENCYSHARES SWISS	CALL	
46138R 95 8	INVESCO CURRENCYSHARES SWISS	PUT	
46138T 10 4 *	INVESCO CURRENCYSHARES CDN D	CDN DLR SHS	
46138T 90 4	INVESCO CURRENCYSHARES CDN D	CALL	
46138T 95 4	INVESCO CURRENCYSHARES CDN D	PUT	
46138W 10 7 *	INVESCO CURRENCYSHARES JAPAN	JAPANESE YEN	
46138W 90 7	INVESCO CURRENCYSHARES JAPAN	CALL	
46138W 95 7	INVESCO CURRENCYSHARES JAPAN	PUT	
46139B 10 2 *	INVESCO DB G10 CURRENCY HARV	UNIT	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 374

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46139B 90 2	INVESCO DB G10 CURRENCY HARV	CALL	DELETED
46139B 95 2	INVESCO DB G10 CURRENCY HARV	PUT	DELETED
46139W 50 2	INVESCO EXCHNG TRAD SLF INDE	INVT GRD DEFSV	
46139W 60 1	INVESCO EXCHNG TRAD SLF INDE	INVT GRAD VALU	DELETED
46139W 83 3	INVESCO EXCHNG TRAD SLF INDE	BULLETSHS 32 MUN	ADDED
46139W 84 1	INVESCO EXCHNG TRAD SLF INDE	BULLETSHS 2030	
46139W 85 8	INVESCO EXCHNG TRAD SLF INDE	BULLETSHS 2032	
46140H 10 6 *	INVESCO DB MULTI-SECTOR COMM	AGRICULTURE FD	
46140H 90 6	INVESCO DB MULTI-SECTOR COMM	CALL	
46140H 95 6	INVESCO DB MULTI-SECTOR COMM	PUT	
46140H 20 5 *	INVESCO DB MULTI-SECTOR COMM	SILVER FD	DELETED
46140H 90 5	INVESCO DB MULTI-SECTOR COMM	CALL	DELETED
46140H 95 5	INVESCO DB MULTI-SECTOR COMM	PUT	DELETED
46140H 30 4 *	INVESCO DB MULTI-SECTOR COMM	ENERGY FD	
46140H 90 4	INVESCO DB MULTI-SECTOR COMM	CALL	
46140H 95 4	INVESCO DB MULTI-SECTOR COMM	PUT	
46140H 40 3 *	INVESCO DB MULTI-SECTOR COMM	OIL FD	
46140H 90 3	INVESCO DB MULTI-SECTOR COMM	CALL	
46140H 95 3	INVESCO DB MULTI-SECTOR COMM	PUT	
46140H 50 2 *	INVESCO DB MULTI-SECTOR COMM	PRECIOUS METAL	
46140H 90 2	INVESCO DB MULTI-SECTOR COMM	CALL	
46140H 95 2	INVESCO DB MULTI-SECTOR COMM	PUT	
46140H 60 1 *	INVESCO DB MULTI-SECTOR COMM	GOLD FD	DELETED
46140H 90 1	INVESCO DB MULTI-SECTOR COMM	CALL	DELETED
46140H 95 1	INVESCO DB MULTI-SECTOR COMM	PUT	DELETED
46140H 70 0 *	INVESCO DB MULTI-SECTOR COMM	BASE METALS FD	
46140H 90 0	INVESCO DB MULTI-SECTOR COMM	CALL	
46140H 95 0	INVESCO DB MULTI-SECTOR COMM	PUT	
46141D 10 4 *	INVESCO DB US DLR INDEX TR	BEARISH FD	
46141D 90 4	INVESCO DB US DLR INDEX TR	CALL	
46141D 95 4	INVESCO DB US DLR INDEX TR	PUT	
46141D 20 3 *	INVESCO DB US DLR INDEX TR	BULLISH FD	
46141D 90 3	INVESCO DB US DLR INDEX TR	CALL	
46141D 95 3	INVESCO DB US DLR INDEX TR	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 375

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46141T 11 7	INVESTMENT MANAGERS SER TR I	AXS ASTORIA INFL	
46143U 84 9	INVESTMENT MANAGERS SER TR	KNWLDL LD ETF	
46144X 10 7	INVESTMENT MANAGERS SER TR I	AXS CHANGE FINAN	
46144X 48 7 *	INVESTMENT MANAGERS SER TR I	AXS 2X INVTN NEW	
46144X 90 7	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 7	INVESTMENT MANAGERS SER TR I	PUT	
46144X 49 5	INVESTMENT MANAGERS SER TR I	AXS ESOTERICA NE	
46144X 52 9	INVESTMENT MANAGERS SER TR I	AXS BRENDAN WOOD	
46144X 53 7 *	INVESTMENT MANAGERS SER TR I	AXS CANNABIS ETF	ADDED
46144X 90 7	INVESTMENT MANAGERS SER TR I	CALL	ADDED
46144X 95 7	INVESTMENT MANAGERS SER TR I	PUT	ADDED
46144X 58 6	INVESTMENT MANAGERS SER TR I	AXS GREEN ALPHA	
46144X 61 0	INVESTMENT MANAGERS SER TR I	AXS FIRST PRIORT	
46144X 62 8 *	INVESTMENT MANAGERS SER TR I	AXS SHORT INNOV	
46144X 90 8	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 8	INVESTMENT MANAGERS SER TR I	PUT	
46144X 63 6	INVESTMENT MANAGERS SER TR I	AXS FOMO ETF	DELETED
46144X 64 4 *	INVESTMENT MANAGERS SER TR I	AXS SHRT DE SPAC	
46144X 90 4	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 4	INVESTMENT MANAGERS SER TR I	PUT	
46144X 65 1 *	INVESTMENT MANAGERS SER TR I	AXS DE-SPAC ETF	DELETED
46144X 90 1	INVESTMENT MANAGERS SER TR I	CALL	DELETED
46144X 95 1	INVESTMENT MANAGERS SER TR I	PUT	DELETED
46144X 67 7 *	INVESTMENT MANAGERS SER TR I	AXS 2X NKE BULL	
46144X 90 7	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 7	INVESTMENT MANAGERS SER TR I	PUT	
46144X 68 5 *	INVESTMENT MANAGERS SER TR I	AXS 2X NKE BEAR	
46144X 90 5	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 5	INVESTMENT MANAGERS SER TR I	PUT	
46144X 72 7 *	INVESTMENT MANAGERS SER TR I	AXS 2X PFE BEAR	
46144X 90 7	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 7	INVESTMENT MANAGERS SER TR I	PUT	
46144X 73 5 *	INVESTMENT MANAGERS SER TR I	AXS 2X PFE BULL	
46144X 90 5	INVESTMENT MANAGERS SER TR I	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 376

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46144X 95 5	INVESTMENT MANAGERS SER TR I	PUT	
46144X 76 8 *	INVESTMENT MANAGERS SER TR I	AXS 1.5X PYPL BL	
46144X 90 8	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 8	INVESTMENT MANAGERS SER TR I	PUT	
46144X 77 6 *	INVESTMENT MANAGERS SER TR I	AXS 1.5X PYPL BR	
46144X 90 6	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 6	INVESTMENT MANAGERS SER TR I	PUT	
46144X 84 2 *	INVESTMENT MANAGERS SER TR I	AXS 1.25X NVDA	
46144X 90 2	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 2	INVESTMENT MANAGERS SER TR I	PUT	
46144X 86 7 *	INVESTMENT MANAGERS SER TR I	AXS TSLA BEAR DL	
46144X 90 7	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 7	INVESTMENT MANAGERS SER TR I	PUT	
46144X 87 5 *	INVESTMENT MANAGERS SER TR I	AXS SHRT CHINA	
46144X 90 5	INVESTMENT MANAGERS SER TR I	CALL	
46144X 95 5	INVESTMENT MANAGERS SER TR I	PUT	
461804 10 6	INVESTORS TITLE CO NC	COM	
46185L AB 9	INVITAE CORP	NOTE 2.000% 9/0	
46185L 10 3 *	INVITAE CORP	COM	
46185L 90 3	INVITAE CORP	CALL	
46185L 95 3	INVITAE CORP	PUT	
46186M 60 5	INVIVO THERAPEUTICS HLDGS CO	COM	
46187W 10 7 *	INVITATION HOMES INC	COM	
46187W 90 7	INVITATION HOMES INC	CALL	
46187W 95 7	INVITATION HOMES INC	PUT	
46211L 10 1	IONEER LTD	SPONSORED ADS	
46222L 10 8 *	IONQ INC	COM	
46222L 90 8	IONQ INC	CALL	
46222L 95 8	IONQ INC	PUT	
46222L 11 6	IONQ INC	*W EXP 10/01/202	
462222 AB 6	IONIS PHARMACEUTICALS INC	NOTE 0.125%12/1	
462222 AD 2	IONIS PHARMACEUTICALS INC	NOTE 4/0	
462222 10 0 *	IONIS PHARMACEUTICALS INC	COM	
462222 90 0	IONIS PHARMACEUTICALS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 377

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
462222 95 0	IONIS PHARMACEUTICALS INC	PUT	
462260 10 0 *	IOVANCE BIOTHERAPEUTICS INC	COM	
462260 90 0	IOVANCE BIOTHERAPEUTICS INC	CALL	
462260 95 0	IOVANCE BIOTHERAPEUTICS INC	PUT	
46264C 20 6	AUTHID INC	COM NEW	
46265P 10 7	IPOWER INC	CL A	
46266A 10 9 *	IRADIMED CORP	COM	
46266A 90 9	IRADIMED CORP	CALL	
46266A 95 9	IRADIMED CORP	PUT	
46266C 10 5 *	IQVIA HLDGS INC	COM	
46266C 90 5	IQVIA HLDGS INC	CALL	
46266C 95 5	IQVIA HLDGS INC	PUT	
46267X AB 4	IQIYI INC	NOTE 3.750%12/0	
46267X AD 0	IQIYI INC	NOTE 2.000% 4/0	
46267X AE 8	IQIYI INC	NOTE 4.000%12/1	
46267X 10 8 *	IQIYI INC	SPONSORED ADS	
46267X 90 8	IQIYI INC	CALL	
46267X 95 8	IQIYI INC	PUT	
462684 10 1 *	IRIDEX CORP	COM	
462684 90 1	IRIDEX CORP	CALL	
462684 95 1	IRIDEX CORP	PUT	
46269C 10 2 *	IRIDIUM COMMUNICATIONS INC	COM	
46269C 90 2	IRIDIUM COMMUNICATIONS INC	CALL	
46269C 95 2	IRIDIUM COMMUNICATIONS INC	PUT	
462726 10 0 *	IROBOT CORP	COM	
462726 90 0	IROBOT CORP	CALL	
462726 95 0	IROBOT CORP	PUT	
46284V 10 1 *	IRON MTN INC DEL	COM	
46284V 90 1	IRON MTN INC DEL	CALL	
46284V 95 1	IRON MTN INC DEL	PUT	
46323Q 10 5 *	IRONNET INC	COM	
46323Q 90 5	IRONNET INC	CALL	
46323Q 95 5	IRONNET INC	PUT	
46323Q 11 3	IRONNET INC	*W EXP 08/26/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 378

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46333X AF 5	IRONWOOD PHARMACEUTICALS INC	NOTE 0.750% 6/1	
46333X AH 1	IRONWOOD PHARMACEUTICALS INC	NOTE 1.500% 6/1	
46333X 10 8 *	IRONWOOD PHARMACEUTICALS INC	COM CL A	
46333X 90 8	IRONWOOD PHARMACEUTICALS INC	CALL	
46333X 95 8	IRONWOOD PHARMACEUTICALS INC	PUT	
46428Q 10 9 *	ISHARES SILVER TR	ISHARES	
46428Q 90 9	ISHARES SILVER TR	CALL	
46428Q 95 9	ISHARES SILVER TR	PUT	
46428R 10 7 *	ISHARES S&P GSCI COMMODITY-	UNIT BEN INT	
46428R 90 7	ISHARES S&P GSCI COMMODITY-	CALL	
46428R 95 7	ISHARES S&P GSCI COMMODITY-	PUT	
464285 20 4 *	ISHARES GOLD TR	ISHARES NEW	
464285 90 4	ISHARES GOLD TR	CALL	
464285 95 4	ISHARES GOLD TR	PUT	
464286 10 3 *	ISHARES INC	MSCI AUST ETF	
464286 90 3	ISHARES INC	CALL	
464286 95 3	ISHARES INC	PUT	
464286 14 5 *	ISHARES INC	MSCI FRONTIER	
464286 90 5	ISHARES INC	CALL	
464286 95 5	ISHARES INC	PUT	
464286 17 8	ISHARES INC	US INTL HGH YLD	
464286 20 2	ISHARES INC	MSCI AUSTRIA ETF	
464286 21 0 *	ISHARES INC	INTL HIGH YIELD	
464286 90 0	ISHARES INC	CALL	
464286 95 0	ISHARES INC	PUT	
464286 25 1 *	ISHARES INC	JP MRG EM CRP BD	
464286 90 1	ISHARES INC	CALL	
464286 95 1	ISHARES INC	PUT	
464286 28 5	ISHARES INC	JP MRGN EM HI BD	
464286 29 3	ISHARES INC	ASIA/PAC DIV ETF	
464286 30 1 *	ISHARES INC	MSCI BELGIUM ETF	
464286 90 1	ISHARES INC	CALL	
464286 95 1	ISHARES INC	PUT	
464286 31 9 *	ISHARES INC	EM MKTS DIV ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 379

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464286 90 9	ISHARES INC	CALL	
464286 95 9	ISHARES INC	PUT	
464286 32 7 *	ISHARES INC	MSCI GLB SLV&MTL	
464286 90 7	ISHARES INC	CALL	
464286 95 7	ISHARES INC	PUT	
464286 34 3 *	ISHARES INC	GLB ENR PROD ETF	
464286 90 3	ISHARES INC	CALL	
464286 95 3	ISHARES INC	PUT	
464286 35 0 *	ISHARES INC	MSCI AGRICULTURE	
464286 90 0	ISHARES INC	CALL	
464286 95 0	ISHARES INC	PUT	
464286 39 2 *	ISHARES INC	MSCI WORLD ETF	
464286 90 2	ISHARES INC	CALL	
464286 95 2	ISHARES INC	PUT	
464286 40 0 *	ISHARES INC	MSCI BRAZIL ETF	
464286 90 0	ISHARES INC	CALL	
464286 95 0	ISHARES INC	PUT	
464286 42 6 *	ISHARES INC	MSCI EM ASIA ETF	
464286 90 6	ISHARES INC	CALL	
464286 95 6	ISHARES INC	PUT	
464286 47 5 *	ISHARES INC	EM MKT SM-CP ETF	
464286 90 5	ISHARES INC	CALL	
464286 95 5	ISHARES INC	PUT	
464286 50 9 *	ISHARES INC	MSCI CDA ETF	
464286 90 9	ISHARES INC	CALL	
464286 95 9	ISHARES INC	PUT	
464286 51 7 *	ISHARES INC	JP MORGAN EM ETF	
464286 90 7	ISHARES INC	CALL	
464286 95 7	ISHARES INC	PUT	
464286 52 5 *	ISHARES INC	MSCI GBL MIN VOL	
464286 90 5	ISHARES INC	CALL	
464286 95 5	ISHARES INC	PUT	
464286 53 3 *	ISHARES INC	MSCI EMERG MRKT	
464286 90 3	ISHARES INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 380

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464286 95 3	ISHARES INC	PUT	
464286 58 2 *	ISHARES INC	MSCI JAPN SMCETF	
464286 90 2	ISHARES INC	CALL	
464286 95 2	ISHARES INC	PUT	
464286 60 8 *	ISHARES INC	MSCI EURZONE ETF	
464286 90 8	ISHARES INC	CALL	
464286 95 8	ISHARES INC	PUT	
464286 62 4 *	ISHARES INC	MSCI THAILND ETF	
464286 90 4	ISHARES INC	CALL	
464286 95 4	ISHARES INC	PUT	
464286 63 2	ISHARES INC	MSCI ISRAEL ETF	
464286 64 0 *	ISHARES INC	MSCI CHILE ETF	
464286 90 0	ISHARES INC	CALL	
464286 95 0	ISHARES INC	PUT	
464286 65 7 *	ISHARES INC	MSCI BIC ETF	
464286 90 7	ISHARES INC	CALL	
464286 95 7	ISHARES INC	PUT	
464286 66 5 *	ISHARES INC	MSCI PAC JP ETF	
464286 90 5	ISHARES INC	CALL	
464286 95 5	ISHARES INC	PUT	
464286 68 1 *	ISHARES INC	MSCI EQUAL WEITE	
464286 90 1	ISHARES INC	CALL	
464286 95 1	ISHARES INC	PUT	
464286 70 7 *	ISHARES INC	MSCI FRANCE ETF	
464286 90 7	ISHARES INC	CALL	
464286 95 7	ISHARES INC	PUT	
464286 71 5 *	ISHARES INC	MSCI TURKEY ETF	
464286 90 5	ISHARES INC	CALL	
464286 95 5	ISHARES INC	PUT	
464286 74 9 *	ISHARES INC	MSCI SWITZERLAND	
464286 90 9	ISHARES INC	CALL	
464286 95 9	ISHARES INC	PUT	
464286 75 6 *	ISHARES INC	MSCI SWEDEN ETF	
464286 90 6	ISHARES INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 381

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464286 95 6	ISHARES INC	PUT	
464286 76 4 *	ISHARES INC	MSCI SPAIN ETF	
464286 90 4	ISHARES INC	CALL	
464286 95 4	ISHARES INC	PUT	
464286 77 2 *	ISHARES INC	MSCI STH KOR ETF	
464286 90 2	ISHARES INC	CALL	
464286 95 2	ISHARES INC	PUT	
464286 78 0 *	ISHARES INC	MSCI STH AFR ETF	
464286 90 0	ISHARES INC	CALL	
464286 95 0	ISHARES INC	PUT	
464286 80 6 *	ISHARES INC	MSCI GERMANY ETF	
464286 90 6	ISHARES INC	CALL	
464286 95 6	ISHARES INC	PUT	
464286 81 4 *	ISHARES INC	MSCI NETHERL ETF	
464286 90 4	ISHARES INC	CALL	
464286 95 4	ISHARES INC	PUT	
464286 82 2 *	ISHARES INC	MSCI MEXICO ETF	
464286 90 2	ISHARES INC	CALL	
464286 95 2	ISHARES INC	PUT	
464286 87 1 *	ISHARES INC	MSCI HONG KG ETF	
464286 90 1	ISHARES INC	CALL	
464286 95 1	ISHARES INC	PUT	
464287 10 1 *	ISHARES TR	S&P 100 ETF	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 11 9 *	ISHARES TR	MORNINGSTAR GRWT	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 12 7 *	ISHARES TR	MORNINGSTR US EQ	
464287 90 7	ISHARES TR	CALL	
464287 95 7	ISHARES TR	PUT	
464287 15 0 *	ISHARES TR	CORE S&P TTL STK	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 382

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464287 16 8 *	ISHARES TR	SELECT DIVID ETF	
464287 90 8	ISHARES TR	CALL	
464287 95 8	ISHARES TR	PUT	
464287 17 6 *	ISHARES TR	TIPS BD ETF	
464287 90 6	ISHARES TR	CALL	
464287 95 6	ISHARES TR	PUT	
464287 18 4 *	ISHARES TR	CHINA LG-CAP ETF	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 19 2 *	ISHARES TR	US TRSPRTION	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 20 0 *	ISHARES TR	CORE S&P500 ETF	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
464287 22 6 *	ISHARES TR	CORE US AGGBD ET	
464287 90 6	ISHARES TR	CALL	
464287 95 6	ISHARES TR	PUT	
464287 23 4 *	ISHARES TR	MSCI EMG MKT ETF	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 24 2 *	ISHARES TR	IBOXX INV CP ETF	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 27 5 *	ISHARES TR	GBL COMM SVC ETF	
464287 90 5	ISHARES TR	CALL	
464287 95 5	ISHARES TR	PUT	
464287 29 1 *	ISHARES TR	GLOBAL TECH ETF	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 30 9 *	ISHARES TR	S&P 500 GRWT ETF	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 32 5 *	ISHARES TR	GLOB HLTHCRE ETF	



Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 383

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
464287 90 5	ISHARES TR	CALL	
464287 95 5	ISHARES TR	PUT	
464287 33 3 *	ISHARES TR	GLOBAL FINLS ETF	
464287 90 3	ISHARES TR	CALL	
464287 95 3	ISHARES TR	PUT	
464287 34 1 *	ISHARES TR	GLOBAL ENERG ETF	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 37 4 *	ISHARES TR	NORTH AMERN NAT	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 38 2	ISHARES TR	JPX NIKKEI 400	
464287 39 0 *	ISHARES TR	LATN AMER 40 ETF	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
464287 40 8 *	ISHARES TR	S&P 500 VAL ETF	
464287 90 8	ISHARES TR	CALL	
464287 95 8	ISHARES TR	PUT	
464287 43 2 *	ISHARES TR	20 YR TR BD ETF	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 44 0 *	ISHARES TR	7-10 YR TRSY BD	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
464287 45 7 *	ISHARES TR	1 3 YR TREAS BD	
464287 90 7	ISHARES TR	CALL	
464287 95 7	ISHARES TR	PUT	
464287 46 5 *	ISHARES TR	MSCI EAFE ETF	
464287 90 5	ISHARES TR	CALL	
464287 95 5	ISHARES TR	PUT	
464287 47 3 *	ISHARES TR	RUS MDCP VAL ETF	
464287 90 3	ISHARES TR	CALL	
464287 95 3	ISHARES TR	PUT	
464287 48 1 *	ISHARES TR	RUS MD CP GR ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 384

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 49 9 *	ISHARES TR	RUS MID CAP ETF	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 50 7 *	ISHARES TR	CORE S&P MCP ETF	
464287 90 7	ISHARES TR	CALL	
464287 95 7	ISHARES TR	PUT	
464287 51 5 *	ISHARES TR	EXPANDED TECH	
464287 90 5	ISHARES TR	CALL	
464287 95 5	ISHARES TR	PUT	
464287 52 3 *	ISHARES TR	ISHARES SEMICDTR	
464287 90 3	ISHARES TR	CALL	
464287 95 3	ISHARES TR	PUT	
464287 53 1 *	ISHARES TR	NA TEC MULTM ETF	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 54 9 *	ISHARES TR	EXPND TEC SC ETF	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 55 6 *	ISHARES TR	ISHARES BIOTECH	
464287 90 6	ISHARES TR	CALL	
464287 95 6	ISHARES TR	PUT	
464287 56 4 *	ISHARES TR	COHEN STEER REIT	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 57 2 *	ISHARES TR	GLOBAL 100 ETF	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 58 0 *	ISHARES TR	US CONSUM DISCRE	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
464287 59 8 *	ISHARES TR	RUS 1000 VAL ETF	
464287 90 8	ISHARES TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 385

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464287 95 8	ISHARES TR	PUT	
464287 60 6 *	ISHARES TR	S&P MC 400GR ETF	
464287 90 6	ISHARES TR	CALL	
464287 95 6	ISHARES TR	PUT	
464287 61 4 *	ISHARES TR	RUS 1000 GRW ETF	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 62 2 *	ISHARES TR	RUS 1000 ETF	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 63 0 *	ISHARES TR	RUS 2000 VAL ETF	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
464287 64 8 *	ISHARES TR	RUS 2000 GRW ETF	
464287 90 8	ISHARES TR	CALL	
464287 95 8	ISHARES TR	PUT	
464287 65 5 *	ISHARES TR	RUSSELL 2000 ETF	
464287 90 5	ISHARES TR	CALL	
464287 95 5	ISHARES TR	PUT	
464287 66 3 *	ISHARES TR	CORE S&P US VLU	
464287 90 3	ISHARES TR	CALL	
464287 95 3	ISHARES TR	PUT	
464287 67 1 *	ISHARES TR	CORE S&P US GWT	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 68 9 *	ISHARES TR	RUSSELL 3000 ETF	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 69 7 *	ISHARES TR	U.S. UTILITS ETF	
464287 90 7	ISHARES TR	CALL	
464287 95 7	ISHARES TR	PUT	
464287 70 5 *	ISHARES TR	S&P MC 400VL ETF	
464287 90 5	ISHARES TR	CALL	
464287 95 5	ISHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 386

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464287 71 3 *	ISHARES TR	US TELECOM ETF	
464287 90 3	ISHARES TR	CALL	
464287 95 3	ISHARES TR	PUT	
464287 72 1 *	ISHARES TR	U.S. TECH ETF	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 73 9 *	ISHARES TR	U.S. REAL ES ETF	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 75 4 *	ISHARES TR	US INDUSTRIALS	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 76 2 *	ISHARES TR	US HLTHCARE ETF	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 77 0 *	ISHARES TR	U.S. FIN SVC ETF	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
464287 78 8 *	ISHARES TR	U.S. FINLS ETF	
464287 90 8	ISHARES TR	CALL	
464287 95 8	ISHARES TR	PUT	
464287 79 6 *	ISHARES TR	U.S. ENERGY ETF	
464287 90 6	ISHARES TR	CALL	
464287 95 6	ISHARES TR	PUT	
464287 80 4 *	ISHARES TR	CORE S&P SCP ETF	
464287 90 4	ISHARES TR	CALL	
464287 95 4	ISHARES TR	PUT	
464287 81 2 *	ISHARES TR	US CONSM STAPLES	
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 83 8 *	ISHARES TR	U.S. BAS MTL ETF	
464287 90 8	ISHARES TR	CALL	
464287 95 8	ISHARES TR	PUT	
464287 84 6 *	ISHARES TR	DOW JONES US ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 387

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464287 90 6	ISHARES TR	CALL	
464287 95 6	ISHARES TR	PUT	
464287 86 1 *	ISHARES TR	EUROPE ETF	
464287 90 1	ISHARES TR	CALL	
464287 95 1	ISHARES TR	PUT	
464287 87 9 *	ISHARES TR	SP SMCP600VL ETF	
464287 90 9	ISHARES TR	CALL	
464287 95 9	ISHARES TR	PUT	
464287 88 7 *	ISHARES TR	S&P SML 600 GWT	
464287 90 7	ISHARES TR	CALL	
464287 95 7	ISHARES TR	PUT	
464288 10 9	ISHARES TR	MORNINGSTAR VALU	
464288 11 7 *	ISHARES TR	INTL TREA BD ETF	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 12 5	ISHARES TR	3YRTB ETF	
464288 15 8	ISHARES TR	SHRT NAT MUN ETF	
464288 16 6 *	ISHARES TR	AGENCY BOND ETF	
464288 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 17 4 *	ISHARES TR	GL TIMB FORE ETF	
464288 90 4	ISHARES TR	CALL	
464288 95 4	ISHARES TR	PUT	
464288 18 2 *	ISHARES TR	MSCI AC ASIA ETF	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 20 8	ISHARES TR	MRGSTR MD CP ETF	
464288 21 6	ISHARES TR	EMGR MKT INF ETF	
464288 22 4 *	ISHARES TR	GL CLEAN ENE ETF	
464288 90 4	ISHARES TR	CALL	
464288 95 4	ISHARES TR	PUT	
464288 24 0 *	ISHARES TR	MSCI ACWI EX US	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 388

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464288 25 7 *	ISHARES TR	MSCI ACWI ETF	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 26 5	ISHARES TR	MSCI KOKUSAI ETF	
464288 27 3 *	ISHARES TR	EAFE SML CP ETF	
464288 90 3	ISHARES TR	CALL	
464288 95 3	ISHARES TR	PUT	
464288 28 1 *	ISHARES TR	JPMORGAN USD EMG	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 30 7 *	ISHARES TR	MRGSTR MD CP GRW	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 32 3	ISHARES TR	NEW YORK MUN ETF	
464288 35 6 *	ISHARES TR	CALIF MUN BD ETF	
464288 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 37 2 *	ISHARES TR	GLB INFRASTR ETF	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 40 6	ISHARES TR	MRGSTR MD CP VAL	
464288 41 4 *	ISHARES TR	NATIONAL MUN ETF	
464288 90 4	ISHARES TR	CALL	
464288 95 4	ISHARES TR	PUT	
464288 42 2 *	ISHARES TR	INTL DEVPPTY ETF	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 43 0 *	ISHARES TR	ASIA 50 ETF	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	
464288 44 8 *	ISHARES TR	INTL SEL DIV ETF	
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 48 9 *	ISHARES TR	INTL DEV RE ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 389

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464288 90 9	ISHARES TR	CALL	
464288 95 9	ISHARES TR	PUT	
464288 49 7	ISHARES TR	DEVSMCP EXNA ETF	
464288 50 5	ISHARES TR	MRGSTR SM CP ETF	
464288 51 3 *	ISHARES TR	IBOXX HI YD ETF	
464288 90 3	ISHARES TR	CALL	
464288 95 3	ISHARES TR	PUT	
464288 52 1 *	ISHARES TR	CRE U S REIT ETF	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 56 2 *	ISHARES TR	RESIDENTIAL MULT	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 57 0 *	ISHARES TR	MSCI KLD400 SOC	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	
464288 58 8 *	ISHARES TR	MBS ETF	
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 59 6	ISHARES TR	GOV/CRED BD ETF	
464288 60 4	ISHARES TR	MRGSTR SM CP GR	
464288 61 2 *	ISHARES TR	INTRM GOV CR ETF	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 62 0 *	ISHARES TR	USD INV GRDE ETF	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	
464288 63 8 *	ISHARES TR	ISHS 5-10YR INVT	
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 64 6 *	ISHARES TR	ISHS 1-5YR INVS	
464288 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 65 3 *	ISHARES TR	10-20 YR TRS ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 390

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464288 90 3	ISHARES TR	CALL	
464288 95 3	ISHARES TR	PUT	
464288 66 1 *	ISHARES TR	3 7 YR TREAS BD	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 67 9 *	ISHARES TR	SHORT TREAS BD	
464288 90 9	ISHARES TR	CALL	
464288 95 9	ISHARES TR	PUT	
464288 68 7 *	ISHARES TR	PFD AND INCM SEC	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 69 5 *	ISHARES TR	GLOBAL MATER ETF	
464288 90 5	ISHARES TR	CALL	
464288 95 5	ISHARES TR	PUT	
464288 70 3	ISHARES TR	MRNING SM CP ETF	
464288 71 1 *	ISHARES TR	GLOB UTILITS ETF	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 72 9 *	ISHARES TR	GLOB INDSTRL ETF	
464288 90 9	ISHARES TR	CALL	
464288 95 9	ISHARES TR	PUT	
464288 73 7 *	ISHARES TR	GLB CNSM STP ETF	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 74 5 *	ISHARES TR	GLB CNS DISC ETF	
464288 90 5	ISHARES TR	CALL	
464288 95 5	ISHARES TR	PUT	
464288 75 2 *	ISHARES TR	US HOME CONS ETF	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 76 0 *	ISHARES TR	US AER DEF ETF	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	
464288 77 8 *	ISHARES TR	US REGNL BKS ETF	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 391

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 78 6 *	ISHARES TR	U.S. INSRNCE ETF	
464288 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 79 4 *	ISHARES TR	US BR DEL SE ETF	
464288 90 4	ISHARES TR	CALL	
464288 95 4	ISHARES TR	PUT	
464288 80 2 *	ISHARES TR	MSCI USA ESG SLC	
464288 90 2	ISHARES TR	CALL	
464288 95 2	ISHARES TR	PUT	
464288 81 0 *	ISHARES TR	U.S. MED DVC ETF	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	
464288 82 8 *	ISHARES TR	US HLTHCR PR ETF	
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 83 6 *	ISHARES TR	U.S. PHARMA ETF	
464288 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 84 4 *	ISHARES TR	US OIL EQ&SV ETF	
464288 90 4	ISHARES TR	CALL	
464288 95 4	ISHARES TR	PUT	
464288 85 1 *	ISHARES TR	US OIL GS EX ETF	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 86 9 *	ISHARES TR	MICRO-CAP ETF	
464288 90 9	ISHARES TR	CALL	
464288 95 9	ISHARES TR	PUT	
464288 87 7 *	ISHARES TR	EAFE VALUE ETF	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 88 5 *	ISHARES TR	EAFE GRWTH ETF	
464288 90 5	ISHARES TR	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 392

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
464288 95 5	ISHARES TR	PUT	
464289 12 3 *	ISHARES TR	NEW ZEALAND ETF	
464289 90 3	ISHARES TR	CALL	
464289 95 3	ISHARES TR	PUT	
464289 13 1 *	ISHARES TR	BRAZIL SM-CP ETF	
464289 90 1	ISHARES TR	CALL	
464289 95 1	ISHARES TR	PUT	
464289 18 0 *	ISHARES TR	MSCI EURO FL ETF	
464289 90 0	ISHARES TR	CALL	
464289 95 0	ISHARES TR	PUT	
464289 42 0 *	ISHARES TR	RUS TP200 VL ETF	
464289 90 0	ISHARES TR	CALL	
464289 95 0	ISHARES TR	PUT	
464289 43 8 *	ISHARES TR	RUS TP200 GR ETF	
464289 90 8	ISHARES TR	CALL	
464289 95 8	ISHARES TR	PUT	
464289 44 6 *	ISHARES TR	RUS TOP 200 ETF	
464289 90 6	ISHARES TR	CALL	
464289 95 6	ISHARES TR	PUT	
464289 47 9	ISHARES TR	CORE LT USDB ETF	
464289 51 1 *	ISHARES TR	10+ YR INVST GRD	
464289 90 1	ISHARES TR	CALL	
464289 95 1	ISHARES TR	PUT	
464289 52 9 *	ISHARES TR	INDIA 50 ETF	
464289 90 9	ISHARES TR	CALL	
464289 95 9	ISHARES TR	PUT	
464289 84 2	ISHARES TR	MSCI PERU ETF	
464289 85 9	ISHARES TR	AGGRES ALLOC ETF	
464289 86 7	ISHARES TR	GRWT ALLOCAT ETF	
464289 87 5	ISHARES TR	MODERT ALLOC ETF	
464289 88 3	ISHARES TR	CONSER ALLOC ETF	
46429B 20 0 *	ISHARES TR	CHINA SM-CAP ETF	
46429B 90 0	ISHARES TR	CALL	
46429B 95 0	ISHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 393

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46429B 26 7 *	ISHARES TR	US TREAS BD ETF	
46429B 90 7	ISHARES TR	CALL	
46429B 95 7	ISHARES TR	PUT	
46429B 29 1	ISHARES TR	A RATE CP BD ETF	
46429B 30 9 *	ISHARES TR	MSCI INDONESIA ETF	
46429B 90 9	ISHARES TR	CALL	
46429B 95 9	ISHARES TR	PUT	
46429B 33 3	ISHARES TR	GNMA BOND ETF	
46429B 36 6 *	ISHARES TR	CMBS ETF	
46429B 90 6	ISHARES TR	CALL	
46429B 95 6	ISHARES TR	PUT	
46429B 40 8	ISHARES TR	MSCI PHILIPS ETF	
46429B 41 6 *	ISHARES TR	MSCI UK SM ETF	
46429B 90 6	ISHARES TR	CALL	
46429B 95 6	ISHARES TR	PUT	
46429B 46 5 *	ISHARES TR	MSCI GERMNY ETF	
46429B 90 5	ISHARES TR	CALL	
46429B 95 5	ISHARES TR	PUT	
46429B 49 9	ISHARES TR	MSCI NORWAY ETF	
46429B 50 7	ISHARES TR	MSCI IRELAND ETF	
46429B 51 5	ISHARES TR	MSCI FINLAND ETF	
46429B 52 3	ISHARES TR	MSCI DENMARK ETF	
46429B 59 8 *	ISHARES TR	MSCI INDIA ETF	
46429B 90 8	ISHARES TR	CALL	
46429B 95 8	ISHARES TR	PUT	
46429B 60 6	ISHARES TR	MSCI POLAND ETF	
46429B 61 4 *	ISHARES TR	MSCI INDIA SM CP	
46429B 90 4	ISHARES TR	CALL	
46429B 95 4	ISHARES TR	PUT	
46429B 65 5 *	ISHARES TR	FLTG RATE NT ETF	
46429B 90 5	ISHARES TR	CALL	
46429B 95 5	ISHARES TR	PUT	
46429B 66 3 *	ISHARES TR	CORE HIGH DV ETF	
46429B 90 3	ISHARES TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 394

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46429B 95 3	ISHARES TR	PUT	
46429B 67 1 *	ISHARES TR	MSCI CHINA ETF	
46429B 90 1	ISHARES TR	CALL	
46429B 95 1	ISHARES TR	PUT	
46429B 68 9 *	ISHARES TR	MSCI EAFE MIN VL	
46429B 90 9	ISHARES TR	CALL	
46429B 95 9	ISHARES TR	PUT	
46429B 69 7 *	ISHARES TR	MSCI USA MIN VOL	
46429B 90 7	ISHARES TR	CALL	
46429B 95 7	ISHARES TR	PUT	
46429B 74 7 *	ISHARES TR	0-5 YR TIPS ETF	
46429B 90 7	ISHARES TR	CALL	
46429B 95 7	ISHARES TR	PUT	
46431W 50 7 *	ISHARES U S ETF TR	BLACKROCK ST MAT	
46431W 90 7	ISHARES U S ETF TR	CALL	
46431W 95 7	ISHARES U S ETF TR	PUT	
46431W 52 3	ISHARES U S ETF TR	INFLT HGD U S AG	
46431W 53 1	ISHARES U S ETF TR	INT RATE HGD U S	
46431W 54 9	ISHARES U S ETF TR	INFLT HGD HI YLD	
46431W 56 4 *	ISHARES U S ETF TR	COMMODITY CURVE	
46431W 90 4	ISHARES U S ETF TR	CALL	
46431W 95 4	ISHARES U S ETF TR	PUT	
46431W 58 0 *	ISHARES U S ETF TR	INFLATION HEDG	
46431W 90 0	ISHARES U S ETF TR	CALL	
46431W 95 0	ISHARES U S ETF TR	PUT	
46431W 59 8 *	ISHARES U S ETF TR	BLOOMBERG ROLL	
46431W 90 8	ISHARES U S ETF TR	CALL	
46431W 95 8	ISHARES U S ETF TR	PUT	
46431W 60 6 *	ISHARES U S ETF TR	IT RT HDG HGYL	
46431W 90 6	ISHARES U S ETF TR	CALL	
46431W 95 6	ISHARES U S ETF TR	PUT	
46431W 61 4 *	ISHARES U S ETF TR	GOLD STRATEGY	
46431W 90 4	ISHARES U S ETF TR	CALL	
46431W 95 4	ISHARES U S ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 395

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46431W 64 8 *	ISHARES U S ETF TR	U.S. TECH INDEPD	
46431W 90 8	ISHARES U S ETF TR	CALL	
46431W 95 8	ISHARES U S ETF TR	PUT	
46431W 66 3 *	ISHARES U S ETF TR	US CONSUMER FOC	
46431W 90 3	ISHARES U S ETF TR	CALL	
46431W 95 3	ISHARES U S ETF TR	PUT	
46431W 70 5 *	ISHARES U S ETF TR	INT RT HDG C B	
46431W 90 5	ISHARES U S ETF TR	CALL	
46431W 95 5	ISHARES U S ETF TR	PUT	
46431W 81 2	ISHARES U S ETF TR	INT RT HD LONG	
46431W 83 8	ISHARES U S ETF TR	BLACKROCK SHORT	
46431W 85 3 *	ISHARES U S ETF TR	GSCI CMDTY STGY	
46431W 90 3	ISHARES U S ETF TR	CALL	
46431W 95 3	ISHARES U S ETF TR	PUT	
46432F AN 7	ISHARES TR	IBNDS MAR23 ETF	DELETED
46432F AZ 0	ISHARES TR	IBONDS MAR23 ETF	DELETED
46432F 33 9 *	ISHARES TR	MSCI USA QLT FCT	
46432F 90 9	ISHARES TR	CALL	
46432F 95 9	ISHARES TR	PUT	
46432F 37 0 *	ISHARES TR	MSCI USA SZE FT	
46432F 90 0	ISHARES TR	CALL	
46432F 95 0	ISHARES TR	PUT	
46432F 38 8 *	ISHARES TR	MSCI USA VALUE	
46432F 90 8	ISHARES TR	CALL	
46432F 95 8	ISHARES TR	PUT	
46432F 39 6 *	ISHARES TR	MSCI USA MMENTM	
46432F 90 6	ISHARES TR	CALL	
46432F 95 6	ISHARES TR	PUT	
46432F 83 4 *	ISHARES TR	CORE MSCI TOTAL	
46432F 90 4	ISHARES TR	CALL	
46432F 95 4	ISHARES TR	PUT	
46432F 84 2 *	ISHARES TR	CORE MSCI EAFE	
46432F 90 2	ISHARES TR	CALL	
46432F 95 2	ISHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 396

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46432F 85 9 *	ISHARES TR	CORE 1 5 YR USD	
46432F 90 9	ISHARES TR	CALL	
46432F 95 9	ISHARES TR	PUT	
46432F 87 5	ISHARES TR	MRNGSTR INC ETF	
46434G 10 3 *	ISHARES INC	CORE MSCI EMKT	
46434G 90 3	ISHARES INC	CALL	
46434G 95 3	ISHARES INC	PUT	
46434G 50 9 *	ISHARES INC	CUR HD MSCI EM	
46434G 90 9	ISHARES INC	CALL	
46434G 95 9	ISHARES INC	PUT	
46434G 76 4 *	ISHARES INC	MSCI EMRG CHN	
46434G 90 4	ISHARES INC	CALL	
46434G 95 4	ISHARES INC	PUT	
46434G 77 2 *	ISHARES INC	MSCI TAIWAN ETF	
46434G 90 2	ISHARES INC	CALL	
46434G 95 2	ISHARES INC	PUT	
46434G 78 0 *	ISHARES INC	MSCI SINGPOR ETF	
46434G 90 0	ISHARES INC	CALL	
46434G 95 0	ISHARES INC	PUT	
46434G 81 4 *	ISHARES INC	MSCI MLY ETF NEW	
46434G 90 4	ISHARES INC	CALL	
46434G 95 4	ISHARES INC	PUT	
46434G 82 2 *	ISHARES INC	MSCI JPN ETF NEW	
46434G 90 2	ISHARES INC	CALL	
46434G 95 2	ISHARES INC	PUT	
46434G 83 0 *	ISHARES INC	MSCI ITALY ETF	
46434G 90 0	ISHARES INC	CALL	
46434G 95 0	ISHARES INC	PUT	
46434G 84 8 *	ISHARES INC	MSCI GBL ETF NEW	
46434G 90 8	ISHARES INC	CALL	
46434G 95 8	ISHARES INC	PUT	
46434G 85 5 *	ISHARES INC	MSCI GBL GOLD MN	
46434G 90 5	ISHARES INC	CALL	
46434G 95 5	ISHARES INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 397

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46434G 86 3 *	ISHARES INC	ESG AWR MSCI EM	
46434G 90 3	ISHARES INC	CALL	
46434G 95 3	ISHARES INC	PUT	
46434G 88 9 *	ISHARES INC	EMNG MKTS EQT	
46434G 90 9	ISHARES INC	CALL	
46434G 95 9	ISHARES INC	PUT	
46434V AX 8	ISHARES TR	IBONDS DEC23 ETF	
46434V BD 1	ISHARES TR	IBONDS DEC25 ETF	
46434V BG 4	ISHARES TR	IBONDS DEC24 ETF	
46434V 10 0 *	ISHARES TR	0-5YR INVT GR CP	
46434V 90 0	ISHARES TR	CALL	
46434V 95 0	ISHARES TR	PUT	
46434V 26 6	ISHARES TR	INTERNATIONAL SL	
46434V 27 4 *	ISHARES TR	INTL EQTY FACTOR	
46434V 90 4	ISHARES TR	CALL	
46434V 95 4	ISHARES TR	PUT	
46434V 28 2 *	ISHARES TR	U S EQUITY FACTR	
46434V 90 2	ISHARES TR	CALL	
46434V 95 2	ISHARES TR	PUT	
46434V 29 0	ISHARES TR	US SML CAP EQT	
46434V 31 6	ISHARES TR	GLOBAL EQUITY	
46434V 38 1 *	ISHARES TR	EXPONENTIAL TECH	
46434V 90 1	ISHARES TR	CALL	
46434V 95 1	ISHARES TR	PUT	
46434V 40 7 *	ISHARES TR	0-5YR HI YL CP	
46434V 90 7	ISHARES TR	CALL	
46434V 95 7	ISHARES TR	PUT	
46434V 42 3 *	ISHARES TR	MSCI SAUDI ARBIA	
46434V 90 3	ISHARES TR	CALL	
46434V 95 3	ISHARES TR	PUT	
46434V 44 9 *	ISHARES TR	MSCI INTL MOMENT	
46434V 90 9	ISHARES TR	CALL	
46434V 95 9	ISHARES TR	PUT	
46434V 45 6 *	ISHARES TR	MSCI INTL QUALTY	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 398

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46434V 90 6	ISHARES TR	CALL	
46434V 95 6	ISHARES TR	PUT	
46434V 46 4 *	ISHARES TR	MSCI LW CRB TG	
46434V 90 4	ISHARES TR	CALL	
46434V 95 4	ISHARES TR	PUT	
46434V 51 4 *	ISHARES TR	MSCI CHINA A	
46434V 90 4	ISHARES TR	CALL	
46434V 95 4	ISHARES TR	PUT	
46434V 61 3 *	ISHARES TR	CORE TOTAL USD	
46434V 90 3	ISHARES TR	CALL	
46434V 95 3	ISHARES TR	PUT	
46434V 62 1 *	ISHARES TR	CORE DIV GRWTH	
46434V 90 1	ISHARES TR	CALL	
46434V 95 1	ISHARES TR	PUT	
46434V 63 9 *	ISHARES TR	CUR HD EURZN ETF	
46434V 90 9	ISHARES TR	CALL	
46434V 95 9	ISHARES TR	PUT	
46434V 64 7 *	ISHARES TR	GLOBAL REIT ETF	
46434V 90 7	ISHARES TR	CALL	
46434V 95 7	ISHARES TR	PUT	
46434V 69 6 *	ISHARES TR	CORE MSCI PAC	
46434V 90 6	ISHARES TR	CALL	
46434V 95 6	ISHARES TR	PUT	
46434V 70 4 *	ISHARES TR	CUR HED MSCI GER	
46434V 90 4	ISHARES TR	CALL	
46434V 95 4	ISHARES TR	PUT	
46434V 73 8 *	ISHARES TR	CORE MSCI EURO	
46434V 90 8	ISHARES TR	CALL	
46434V 95 8	ISHARES TR	PUT	
46434V 76 1	ISHARES TR	MSCI UAE ETF	
46434V 77 9	ISHARES TR	MSCI QATAR ETF	
46434V 78 7	ISHARES TR	YLD OPTIM BD	
46434V 80 3 *	ISHARES TR	HDG MSCI EAFE	
46434V 90 3	ISHARES TR	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 399

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46434V 95 3	ISHARES TR	PUT	
46434V 86 0 *	ISHARES TR	TRS FLT RT BD	
46434V 90 0	ISHARES TR	CALL	
46434V 95 0	ISHARES TR	PUT	
46434V 87 8 *	ISHARES TR	BLACKROCK ULTRA	
46434V 90 8	ISHARES TR	CALL	
46434V 95 8	ISHARES TR	PUT	
46434V 88 6 *	ISHARES TR	HDG MSCI JAPAN	
46434V 90 6	ISHARES TR	CALL	
46434V 95 6	ISHARES TR	PUT	
46435G AA 0	ISHARES TR	IBONDS DEC2026	
46435G 10 2 *	ISHARES TR	CONV BD ETF	
46435G 90 2	ISHARES TR	CALL	
46435G 95 2	ISHARES TR	PUT	
46435G 19 3	ISHARES TR	ESG AWRE USD ETF	
46435G 21 9	ISHARES TR	INVESTMENT GRADE	
46435G 24 3 *	ISHARES TR	ESG AWRE 1 5 YR	
46435G 90 3	ISHARES TR	CALL	
46435G 95 3	ISHARES TR	PUT	
46435G 25 0	ISHARES TR	HIGH YLD BD FCTR	
46435G 26 8 *	ISHARES TR	RUSEL 2500 ETF	
46435G 90 8	ISHARES TR	CALL	
46435G 95 8	ISHARES TR	PUT	
46435G 31 8	ISHARES TR	IBONDS DEC2023	
46435G 32 6 *	ISHARES TR	CORE MSCI INTL	
46435G 90 6	ISHARES TR	CALL	
46435G 95 6	ISHARES TR	PUT	
46435G 33 4 *	ISHARES TR	MSCI UK ETF NEW	
46435G 90 4	ISHARES TR	CALL	
46435G 95 4	ISHARES TR	PUT	
46435G 34 2 *	ISHARES TR	MORTGE REL ETF	
46435G 90 2	ISHARES TR	CALL	
46435G 95 2	ISHARES TR	PUT	
46435G 40 9 *	ISHARES TR	MSCI INTL VLU FT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 400

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46435G 90 9	ISHARES TR	CALL	
46435G 95 9	ISHARES TR	PUT	
46435G 41 7	ISHARES TR	CR 5 10 YR ETF	
46435G 42 5 *	ISHARES TR	ESG AWR MSCI USA	
46435G 90 5	ISHARES TR	CALL	
46435G 95 5	ISHARES TR	PUT	
46435G 43 3	ISHARES TR	MSCI USA SMCP MN	
46435G 44 1	ISHARES TR	ESG ADVNCD HY BD	
46435G 47 4 *	ISHARES TR	FALN ANGLS USD	
46435G 90 4	ISHARES TR	CALL	
46435G 95 4	ISHARES TR	PUT	
46435G 50 8	ISHARES TR	MSCI INTL SZE FT	
46435G 51 6 *	ISHARES TR	ESG AW MSCI EAFE	
46435G 90 6	ISHARES TR	CALL	
46435G 95 6	ISHARES TR	PUT	
46435G 52 4 *	ISHARES TR	INTL DIV GRWTH	
46435G 90 4	ISHARES TR	CALL	
46435G 95 4	ISHARES TR	PUT	
46435G 53 2	ISHARES TR	MSCI GBL SUS DEV	
46435G 67 2 *	ISHARES TR	CORE INTL AGGR	
46435G 90 2	ISHARES TR	CALL	
46435G 95 2	ISHARES TR	PUT	
46435G 70 6	ISHARES TR	MSCI CDA ETF	
46435G 83 9	ISHARES TR	MSCI EAFE SMCP	
46435G 84 7	ISHARES TR	MSCI ACWI EXUS	
46435G 86 2	ISHARES TR	MSCI UN KNGDOM	
46435U AA 9	ISHARES TR	IBONDS 27 ETF	
46435U 12 7 *	ISHARES TR	FUTURE CLOUD 5G	
46435U 90 7	ISHARES TR	CALL	
46435U 95 7	ISHARES TR	PUT	
46435U 13 5 *	ISHARES TR	CYBERSECURITY	
46435U 90 5	ISHARES TR	CALL	
46435U 95 5	ISHARES TR	PUT	
46435U 15 0	ISHARES TR	IBONDS 23 TRM HG	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 401

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46435U 16 8	ISHARES TR	IBONDS 25 TRM HG	
46435U 18 4	ISHARES TR	IBONDS 24 TRM HG	
46435U 19 2 *	ISHARES TR	GENOMICS IMMUN	
46435U 90 2	ISHARES TR	CALL	
46435U 95 2	ISHARES TR	PUT	
46435U 21 8 *	ISHARES TR	ESG MSCI LEADR	
46435U 90 8	ISHARES TR	CALL	
46435U 95 8	ISHARES TR	PUT	
46435U 25 9	ISHARES TR	IBONDS DEC 26	
46435U 28 3	ISHARES TR	IBONDS DEC 27	
46435U 32 5	ISHARES TR	IBONDS DEC 28	
46435U 33 3	ISHARES TR	FOCUSD VAL FAC	
46435U 36 6 *	ISHARES TR	SELF DRIVNG EV	
46435U 90 6	ISHARES TR	CALL	
46435U 95 6	ISHARES TR	PUT	
46435U 37 4	ISHARES TR	MSCI JP VALUE	
46435U 43 2	ISHARES TR	IBONDS DEC 25	
46435U 44 0	ISHARES TR	USD GRN BOND ETF	
46435U 47 3 *	ISHARES TR	BB RAT CORP BD	
46435U 90 3	ISHARES TR	CALL	
46435U 95 3	ISHARES TR	PUT	
46435U 51 5	ISHARES TR	IBDS DEC28 ETF	
46435U 54 9 *	ISHARES TR	ESG AWR US AGRGT	
46435U 90 9	ISHARES TR	CALL	
46435U 95 9	ISHARES TR	PUT	
46435U 55 6 *	ISHARES TR	ROBOTICS ARTIF	
46435U 90 6	ISHARES TR	CALL	
46435U 95 6	ISHARES TR	PUT	
46435U 66 3	ISHARES TR	ESG AWARE MSCI	
46435U 69 7	ISHARES TR	IBONDS DEC	
46435U 71 3 *	ISHARES TR	US INFRASTRUC	
46435U 90 3	ISHARES TR	CALL	
46435U 95 3	ISHARES TR	PUT	
46435U 79 6	ISHARES TR	U.S. FIXED INCME	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 402

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46435U 85 3 *	ISHARES TR	BROAD USD HIGH	
46435U 90 3	ISHARES TR	CALL	
46435U 95 3	ISHARES TR	PUT	
46435U 86 1 *	ISHARES TR	CORE DIVID ETF	
46435U 90 1	ISHARES TR	CALL	
46435U 95 1	ISHARES TR	PUT	
46436E 19 7	ISHARES TR	BREAKTHROUGH ENV	ADDED
46436E 20 5	ISHARES TR	IBONDS DEC 29	
46436E 22 1	ISHARES TR	ESG AWR MSCI USA	ADDED
46436E 23 9	ISHARES TR	ESG AWARE MSCI	ADDED
46436E 24 7	ISHARES TR	FUTURE METAVERSE	ADDED
46436E 25 4	ISHARES TR	ENVIRONMNTL INFR	
46436E 26 2	ISHARES TR	JP MORGAN BROAD	ADDED
46436E 27 0	ISHARES TR	ENVIR AWR RL EST	
46436E 28 8	ISHARES TR	INVT GRD CORP BD	
46436E 29 6	ISHARES TR	IBONDS DEC 2032	
46436E 30 4	ISHARES TR	FACTORS US VAL	
46436E 31 2	ISHARES TR	IBONDS DEC 2032	
46436E 32 0	ISHARES TR	HIGH YLD CORP BD	
46436E 33 8	ISHARES TR	20+ YEAR TR BD	
46436E 34 6	ISHARES TR	MSCI WTR MGMT MS	
46436E 35 3 *	ISHARES TR	NEUROSCIENCE AND	
46436E 90 3	ISHARES TR	CALL	
46436E 95 3	ISHARES TR	PUT	
46436E 36 1 *	ISHARES TR	BLOCKCHAIN & TEC	
46436E 90 1	ISHARES TR	CALL	
46436E 95 1	ISHARES TR	PUT	
46436E 37 9	ISHARES TR	IBONDS 29 TR HI	
46436E 38 7	ISHARES TR	IBONDS 28 TR HI	
46436E 39 5	ISHARES TR	EMERGNT FD & AGT	
46436E 40 3	ISHARES TR	FACTORS US GRO	
46436E 41 1	ISHARES TR	PARIS ALGND CLIM	
46436E 42 9 *	ISHARES TR	MSCI CHINA MLTSE	
46436E 90 9	ISHARES TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 403

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46436E 95 9	ISHARES TR	PUT	
46436E 43 7	ISHARES TR	ESG ADV INVT GRA	
46436E 44 5	ISHARES TR	ESG MSCI USA MIN	
46436E 45 2	ISHARES TR	USD BD FACTR ETF	
46436E 46 0	ISHARES TR	IBONDS DEC 2031	
46436E 47 8	ISHARES TR	IBONDS 2027 TERM	
46436E 48 6	ISHARES TR	IBONDS DEC 2031	
46436E 49 4	ISHARES TR	BBB RATED CORP	
46436E 50 2 *	ISHARES TR	US TECH BRKTHR	
46436E 90 2	ISHARES TR	CALL	
46436E 95 2	ISHARES TR	PUT	
46436E 51 0	ISHARES TR	INTL DEV SML CP	
46436E 52 8	ISHARES TR	IBONDS 2026 TERM	
46436E 53 6 *	ISHARES TR	US SML CP VALUE	
46436E 90 6	ISHARES TR	CALL	
46436E 95 6	ISHARES TR	PUT	
46436E 54 4	ISHARES TR	ESG SCRND S&P SM	
46436E 55 1	ISHARES TR	ESG SCRND S&P MID	
46436E 56 9	ISHARES TR	ESG SCRND S&P500	
46436E 57 7 *	ISHARES TR	ISHARES 25+ YR T	
46436E 90 7	ISHARES TR	CALL	
46436E 95 7	ISHARES TR	PUT	
46436E 58 5 *	ISHARES TR	VIRTUAL WRK LIFE	
46436E 90 5	ISHARES TR	CALL	
46436E 95 5	ISHARES TR	PUT	
46436E 59 3	ISHARES TR	IBOND DEC 2030	
46436E 60 1 *	ISHARES TR	ESG MSCI EM LDRS	
46436E 90 1	ISHARES TR	CALL	
46436E 95 1	ISHARES TR	PUT	
46436E 61 9	ISHARES TR	ESG ADV TTL USD	
46436E 66 8	ISHARES TR	ESG AWARE AGGRSV	
46436E 67 6	ISHARES TR	ESG AWARE GROWTH	
46436E 68 4	ISHARES TR	ESG AWARE MODRTE	
46436E 69 2	ISHARES TR	ESG AWARE CONSER	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 404

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46436E 71 8	ISHARES TR	0-3 MNTH TREASRY	
46436E 72 6	ISHARES TR	IBONDS DEC 2030	
46436E 74 2	ISHARES TR	EGSADVNCDSMCI EM	
46436E 75 9	ISHARES TR	ESG EAFE ETF	
46436E 76 7 *	ISHARES TR	ESG MSCI USA ETF	
46436E 90 7	ISHARES TR	CALL	
46436E 95 7	ISHARES TR	PUT	
46436E 81 7	ISHARES TR	MSCI KUWAIT ETF	
46436E 82 5	ISHARES TR	IBONDS 29 TRM TS	
46436E 83 3	ISHARES TR	IBONDS 28 TRM TS	
46436E 84 1	ISHARES TR	IBONDS 27 TRM TS	
46436E 85 8	ISHARES TR	IBONDS 26 TRM TS	
46436E 86 6	ISHARES TR	IBONDS 25 TRM TS	
46436E 87 4	ISHARES TR	IBONDS 24 TRM TS	
46436E 88 2	ISHARES TR	IBONDS 23 TRM TS	
46436F 10 3	ISHARES GOLD TR	SHARES REPRESENT	
46489V 10 4	PERSPECTIVE THERAPEUTICS INC	COM	
465005 10 6	ISOPLEXIS CORP	COM	DELETED
46520M 20 4	ISSUER DIRECT CORP	COM NEW	
465246 10 6 *	ISUN INC	COM	
465246 90 6	ISUN INC	CALL	
465246 95 6	ISUN INC	PUT	
46527C 20 9 *	IT TECH PACKAGING INC	COM NEW	
46527C 90 9	IT TECH PACKAGING INC	CALL	
46527C 95 9	IT TECH PACKAGING INC	PUT	
465562 10 6 *	ITAU UNIBANCO HLDG S A	SPON ADR REP PFD	
465562 90 6	ITAU UNIBANCO HLDG S A	CALL	
465562 95 6	ITAU UNIBANCO HLDG S A	PUT	
46564T 10 7 *	ITERIS INC NEW	COM	
46564T 90 7	ITERIS INC NEW	CALL	
46564T 95 7	ITERIS INC NEW	PUT	
46565G 10 4 *	ITEOS THERAPEUTICS INC	COM	
46565G 90 4	ITEOS THERAPEUTICS INC	CALL	
46565G 95 4	ITEOS THERAPEUTICS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 405

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46571Y 10 7 *	I3 VERTICALS INC	COM CL A	
46571Y 90 7	I3 VERTICALS INC	CALL	
46571Y 95 7	I3 VERTICALS INC	PUT	
465712 10 7	MONDEE HOLDINGS INC	CLASS A COM	
465741 AN 6	ITRON INC	NOTE	3/1
465741 10 6 *	ITRON INC	COM	
465741 90 6	ITRON INC	CALL	
465741 95 6	ITRON INC	PUT	
46578C 10 8	IVANHOE ELECTRIC INC	COM	
46583A 11 3	IVEDA SOLUTIONS INC	*W EXP 04/01/202	
46583A 20 4	IVEDA SOLUTIONS INC	COM NEW	
46583P 10 2 *	IVERIC BIO INC	COM	
46583P 90 2	IVERIC BIO INC	CALL	
46583P 95 2	IVERIC BIO INC	PUT	
46590V 10 0 *	JBG SMITH PPTYS	COM	
46590V 90 0	JBG SMITH PPTYS	CALL	
46590V 95 0	JBG SMITH PPTYS	PUT	
46591M 10 9 *	JOYY INC	ADS REPSTG COM A	
46591M 90 9	JOYY INC	CALL	
46591M 95 9	JOYY INC	PUT	
466032 10 9 *	J & J SNACK FOODS CORP	COM	
466032 90 9	J & J SNACK FOODS CORP	CALL	
466032 95 9	J & J SNACK FOODS CORP	PUT	
46604H 10 5 *	IZEA WORLDWIDE INC	COM	
46604H 90 5	IZEA WORLDWIDE INC	CALL	
46604H 95 5	IZEA WORLDWIDE INC	PUT	
46620W 20 1	J JILL INC	COM	
46625H 10 0 *	JPMORGAN CHASE & CO	COM	
46625H 90 0	JPMORGAN CHASE & CO	CALL	
46625H 95 0	JPMORGAN CHASE & CO	PUT	
46625H 36 5 *	JPMORGAN CHASE & CO	ALERIAN ML ETN	
46625H 90 5	JPMORGAN CHASE & CO	CALL	
46625H 95 5	JPMORGAN CHASE & CO	PUT	
466313 10 3 *	JABIL INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 406

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
466313 90 3	JABIL INC	CALL	
466313 95 3	JABIL INC	PUT	
466367 10 9 *	JACK IN THE BOX INC	COM	
466367 90 9	JACK IN THE BOX INC	CALL	
466367 95 9	JACK IN THE BOX INC	PUT	
46641Q 11 8	J P MORGAN EXCHANGE	TRADED F MKT EXPN ENHNCD	
46641Q 12 6	J P MORGAN EXCHANGE	TRADED F REALTY INCOME ET	
46641Q 13 4 *	J P MORGAN EXCHANGE	TRADED F INTRNL RES EQT	
46641Q 90 4	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 4	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 14 2	J P MORGAN EXCHANGE	TRADED F CLIMATE CHANGE S	
46641Q 15 9	J P MORGAN EXCHANGE	TRADED F INCOME ETF	
46641Q 16 7	J P MORGAN EXCHANGE	TRADED F ACTIVE VALUE ETF	
46641Q 17 5	J P MORGAN EXCHANGE	TRADED F ACTIVEBUILDE INT	
46641Q 18 3	J P MORGAN EXCHANGE	TRADED F ACTIVEBUILDER US	
46641Q 19 1 *	J P MORGAN EXCHANGE	TRADED F BETABUILDERS EUR	
46641Q 90 1	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 1	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 20 9 *	J P MORGAN EXCHANGE	TRADED F DIV RTN INT EQ	
46641Q 90 9	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 9	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 21 7 *	J P MORGAN EXCHANGE	TRADED F BETABULDRS JAPAN	
46641Q 90 7	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 7	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 22 5 *	J P MORGAN EXCHANGE	TRADED F BETABUILDERS CDA	
46641Q 90 5	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 5	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 23 3 *	J P MORGAN EXCHANGE	TRADED F BETABUILDERS DEV	
46641Q 90 3	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 3	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 24 1	J P MORGAN EXCHANGE	TRADED F BETABUILDERS US	
46641Q 25 8	J P MORGAN EXCHANGE	TRADED F BETABLDRS 1-5YR	
46641Q 26 6	J P MORGAN EXCHANGE	TRADED F ACTIVEBLDRS EMER	
46641Q 27 4	J P MORGAN EXCHANGE	TRADED F SHORT DURA CORE	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 407

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
46641Q 28 2	J P MORGAN EXCHANGE	TRADED F CARBON TRANITIN	
46641Q 29 0	J P MORGAN EXCHANGE	TRADED F BETABUILDERS US	
46641Q 30 8 *	J P MORGAN EXCHANGE	TRADED F DIV RTN EM EQT	
46641Q 90 8	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 8	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 32 4	J P MORGAN EXCHANGE	TRADED F INTERNL GWT	
46641Q 33 2 *	J P MORGAN EXCHANGE	TRADED F EQUITY PREMIUM	
46641Q 90 2	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 2	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 34 0	J P MORGAN EXCHANGE	TRADED F BETABUILDERS US	
46641Q 37 3 *	J P MORGAN EXCHANGE	TRADED F BETABUILDERS I	
46641Q 90 3	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 3	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 39 9 *	J P MORGAN EXCHANGE	TRADED F BETABUILDERS US	
46641Q 90 9	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 9	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 40 7 *	J P MORGAN EXCHANGE	TRADED F JPMORGAN DIVER	
46641Q 90 7	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 7	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 44 9	J P MORGAN EXCHANGE	TRADED F BETABUILDERS USD	
46641Q 64 7	J P MORGAN EXCHANGE	TRADED F MUNICIPAL ETF	
46641Q 65 4 *	J P MORGAN EXCHANGE	TRADED F ULTRA SHT MUNCPL	
46641Q 90 4	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 4	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 67 0	J P MORGAN EXCHANGE	TRADED F CORE PLUS BD ETF	
46641Q 73 8	J P MORGAN EXCHANGE	TRADED F BETBULD MSCI	
46641Q 74 6	J P MORGAN EXCHANGE	TRADED F USD EMRNG MKT	
46641Q 75 3 *	J P MORGAN EXCHANGE	TRADED F US VALUE FACTR	
46641Q 90 3	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 3	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 76 1 *	J P MORGAN EXCHANGE	TRADED F US QUALTY FCTR	
46641Q 90 1	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 1	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 77 9	J P MORGAN EXCHANGE	TRADED F US MOMENTUM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 408

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46641Q 83 7 *	J P MORGAN EXCHANGE	TRADED F ULTRA SHRT INC	
46641Q 90 7	J P MORGAN EXCHANGE	TRADED F CALL	
46641Q 95 7	J P MORGAN EXCHANGE	TRADED F PUT	
46641Q 84 5	J P MORGAN EXCHANGE	TRADED F DIVERSFD EQT ETF	
46641Q 85 2	J P MORGAN EXCHANGE	TRADED F INTL BD OPP ETF	
46641Q 87 8	J P MORGAN EXCHANGE	TRADED F BETABUILDERS USD	
46641Q 88 6	J P MORGAN EXCHANGE	TRADED F DIVERSFED RTRN	
46653C 10 6	JACKSON ACQUISITION CO	COM CL A	
46653C 11 4	JACKSON ACQUISITION CO	*W EXP 99/99/999	DELETED
46653C 20 5	JACKSON ACQUISITION CO	UNIT 99/99/9999	
46654Q 10 4 *	J P MORGAN EXCHANGE	TRADED F INFLATION MANAGE	
46654Q 90 4	J P MORGAN EXCHANGE	TRADED F CALL	
46654Q 95 4	J P MORGAN EXCHANGE	TRADED F PUT	
46654Q 20 3 *	J P MORGAN EXCHANGE	TRADED F NASDAQ EQT PREM	
46654Q 90 3	J P MORGAN EXCHANGE	TRADED F CALL	
46654Q 95 3	J P MORGAN EXCHANGE	TRADED F PUT	
46654Q 30 2	J P MORGAN EXCHANGE	TRADED F SOCIAL ADVANCMNT	
46654Q 40 1	J P MORGAN EXCHANGE	TRADED F SUSTAINABLE CNSM	
46654Q 50 0	J P MORGAN EXCHANGE	TRADED F SUSTAINABLE INFR	
46654Q 60 9	J P MORGAN EXCHANGE	TRADED F ACTIVE GROWTH	
46654Q 70 8	J P MORGAN EXCHANGE	TRADED F ACTIVE SM CP VAL	ADDED
46654Q 88 0	J P MORGAN EXCHANGE	TRADED F ACTIVE CHINA ETF	ADDED
46655E 10 0 *	DAKOTA GOLD CORP	COM	
46655E 90 0	DAKOTA GOLD CORP	CALL	
46655E 95 0	DAKOTA GOLD CORP	PUT	
46655E 11 8	DAKOTA GOLD CORP	*W EXP 03/15/202	
46817M 10 7 *	JACKSON FINANCIAL INC	COM CL A	
46817M 90 7	JACKSON FINANCIAL INC	CALL	
46817M 95 7	JACKSON FINANCIAL INC	PUT	
469785 70 3	JACOB FDS INC	FORWARD ETF	
46982L 10 8 *	JACOBS SOLUTIONS INC	COM	
46982L 90 8	JACOBS SOLUTIONS INC	CALL	
46982L 95 8	JACOBS SOLUTIONS INC	PUT	
47010C 60 7 *	JAGUAR HEALTH INC	COM NEW	DELETED

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 409

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
47010C 90 7	JAGUAR HEALTH INC	CALL	DELETED
47010C 95 7	JAGUAR HEALTH INC	PUT	DELETED
47010C 70 6 *	JAGUAR HEALTH INC	COM	ADDED
47010C 90 6	JAGUAR HEALTH INC	CALL	ADDED
47010C 95 6	JAGUAR HEALTH INC	PUT	ADDED
47012E 40 3 *	JAKKS PAC INC	COM NEW	
47012E 90 3	JAKKS PAC INC	CALL	
47012E 95 3	JAKKS PAC INC	PUT	
470299 10 8	BANK OF THE JAMES FINL GP IN	COM	
47030M 10 6	JAMES HARDIE INDS PLC	SPONSORED ADR	
47074L AB 1	JAMF HLDG CORP	NOTE 0.125% 9/0	
47074L 10 5 *	JAMF HLDG CORP	COM	
47074L 90 5	JAMF HLDG CORP	CALL	
47074L 95 5	JAMF HLDG CORP	PUT	
47089W 10 4	JANONE INC	COM	
47103J 10 5 *	JANUX THERAPEUTICS INC	COM	
47103J 90 5	JANUX THERAPEUTICS INC	CALL	
47103J 95 5	JANUX THERAPEUTICS INC	PUT	
47103N 10 6 *	JANUS INTERNATIONAL GROUP IN	COMMON STOCK	
47103N 90 6	JANUS INTERNATIONAL GROUP IN	CALL	
47103N 95 6	JANUS INTERNATIONAL GROUP IN	PUT	
47103U 10 0	JANUS DETROIT STR TR	HENDERSN CAP ETF	
47103U 20 9	JANUS DETROIT STR TR	HENDERSN SML ETF	
47103U 75 3	JANUS DETROIT STR TR	B-BBB CLO ETF	
47103U 76 1	JANUS DETROIT STR TR	SUSTAINABLE IMP	
47103U 77 9	JANUS DETROIT STR TR	SUSTAINABLE CORP	
47103U 78 7	JANUS DETROIT STR TR	NET ZERO TRANS	
47103U 79 5	JANUS DETROIT STR TR	INTERN SUSTAINBL	
47103U 81 1	JANUS DETROIT STR TR	US SUSTAINABLE	
47103U 82 9	JANUS DETROIT STR TR	HENDERSON US REL	
47103U 84 5 *	JANUS DETROIT STR TR	HENDRSON AAA CL	
47103U 90 5	JANUS DETROIT STR TR	CALL	
47103U 95 5	JANUS DETROIT STR TR	PUT	
47103U 85 2 *	JANUS DETROIT STR TR	HENDERSON MTG	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 410

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
47103U 90 2	JANUS DETROIT STR TR	CALL	
47103U 95 2	JANUS DETROIT STR TR	PUT	
47103U 88 6 *	JANUS DETROIT STR TR	HENDRSN SHRT ETF	
47103U 90 6	JANUS DETROIT STR TR	CALL	
47103U 95 6	JANUS DETROIT STR TR	PUT	
47109U 10 4	JAPAN SMALLER CAPITALIZATION	COM	
471109 AM 0	JARDEN CORP	NOTE 1.125% 3/1	
471871 10 3 *	JASPER THERAPEUTICS INC	COM	
471871 90 3	JASPER THERAPEUTICS INC	CALL	
471871 95 3	JASPER THERAPEUTICS INC	PUT	
471871 11 1	JASPER THERAPEUTICS INC	*W EXP 09/24/202	
47201B 10 3	JAWS HURRICANE ACQUISITN COR	CLASS A COM	
47201B 11 1	JAWS HURRICANE ACQUISITN COR	*W EXP 03/26/202	
47201B 20 2	JAWS HURRICANE ACQUISITN COR	UNIT 06/08/2026	
472145 AD 3	JAZZ INVESTMENTS I LTD	NOTE 1.500% 8/1	
472145 AF 8	JAZZ INVESTMENTS I LTD	NOTE 2.000% 6/1	
47215P 10 6 *	JD.COM INC	SPON ADR CL A	
47215P 90 6	JD.COM INC	CALL	
47215P 95 6	JD.COM INC	PUT	
47233W 10 9 *	JEFFERIES FINL GROUP INC	COM	
47233W 90 9	JEFFERIES FINL GROUP INC	CALL	
47233W 95 9	JEFFERIES FINL GROUP INC	PUT	
47580P 10 3 *	JELD-WEN HLDG INC	COM	
47580P 90 3	JELD-WEN HLDG INC	CALL	
47580P 95 3	JELD-WEN HLDG INC	PUT	
47632P 10 1	JERASH HLDGS US INC	COM	
477143 AP 6	JETBLUE AIRWAYS CORP	NOTE 0.500% 4/0	
477143 10 1 *	JETBLUE AWYS CORP	COM	
477143 90 1	JETBLUE AWYS CORP	CALL	
477143 95 1	JETBLUE AWYS CORP	PUT	
47733C 20 7	JEWETT CAMERON TRADING LTD	COM NEW	
47737C 10 4 *	JIAYIN GROUP INC	SPONSORED ADS	
47737C 90 4	JIAYIN GROUP INC	CALL	
47737C 95 4	JIAYIN GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 411

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
47737L 10 4	JIANZHI ED TECHNOLOGY GROUP	SPONSORED ADS	
47738D 30 9	JIANPU TECHNOLOGY INC	ADS COMMON	
47759T 10 0 *	JINKOSOLAR HLDG CO LTD	SPONSORED ADR	
47759T 90 0	JINKOSOLAR HLDG CO LTD	CALL	
47759T 95 0	JINKOSOLAR HLDG CO LTD	PUT	
47768J 10 1 *	JOANN INC	COM	
47768J 90 1	JOANN INC	CALL	
47768J 95 1	JOANN INC	PUT	
477839 AB 0	JOHN BEAN TECHNOLOGIES CORP	NOTE 0.250% 5/1	
477839 10 4 *	JOHN BEAN TECHNOLOGIES CORP	COM	
477839 90 4	JOHN BEAN TECHNOLOGIES CORP	CALL	
477839 95 4	JOHN BEAN TECHNOLOGIES CORP	PUT	
47804J 10 7 *	JOHN HANCOCK EXCHANGE TRADED	MLTFCTR LRG CAP	
47804J 90 7	JOHN HANCOCK EXCHANGE TRADED	CALL	
47804J 95 7	JOHN HANCOCK EXCHANGE TRADED	PUT	
47804J 20 6 *	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR MI	
47804J 90 6	JOHN HANCOCK EXCHANGE TRADED	CALL	
47804J 95 6	JOHN HANCOCK EXCHANGE TRADED	PUT	
47804J 75 0	JOHN HANCOCK EXCHANGE TRADED	INTERNATIONAL HI	
47804J 76 8	JOHN HANCOCK EXCHANGE TRADED	US HIGH DIVI ETF	
47804J 77 6	JOHN HANCOCK EXCHANGE TRADED	PREFERRED INCOME	
47804J 79 2	JOHN HANCOCK EXCHANGE TRADED	MORTGAGE BACKED	
47804J 81 8	JOHN HANCOCK EXCHANGE TRADED	CORPORATE BD	
47804J 83 4	JOHN HANCOCK EXCHANGE TRADED	MULTFCTR EMRNG	
47804J 84 2	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTR SML	
47804J 85 9	JOHN HANCOCK EXCHANGE TRADED	MULTI INTL ETF	
47804L 10 2	JOHN HANCOCK HEDGED EQUITY &	COM	
47805L 10 1	JOHN MARSHALL BANCORP INC	COM	
478160 10 4 *	JOHNSON & JOHNSON	COM	
478160 90 4	JOHNSON & JOHNSON	CALL	
478160 95 4	JOHNSON & JOHNSON	PUT	
479167 10 8	JOHNSON OUTDOORS INC	CL A	
47973J 10 2 *	JOINT CORP	COM	
47973J 90 2	JOINT CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 412

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
47973J 95 2	JOINT CORP	PUT	
48020Q 10 7 *	JONES LANG LASALLE INC	COM	
48020Q 90 7	JONES LANG LASALLE INC	CALL	
48020Q 95 7	JONES LANG LASALLE INC	PUT	
481116 10 1 *	JOUNCE THERAPEUTICS INC	COM	
481116 90 1	JOUNCE THERAPEUTICS INC	CALL	
481116 95 1	JOUNCE THERAPEUTICS INC	PUT	
48115J 10 9	JOURNEY MED CORP	COM	
48123V 10 2 *	ZIFF DAVIS INC	COM	
48123V 90 2	ZIFF DAVIS INC	CALL	
48123V 95 2	ZIFF DAVIS INC	PUT	
48138M 10 5 *	JUMIA TECHNOLOGIES AG	SPONSORED ADS	
48138M 90 5	JUMIA TECHNOLOGIES AG	CALL	
48138M 95 5	JUMIA TECHNOLOGIES AG	PUT	
48203N 10 3	JUNIPER II CORP	CL A COM	
48203N 11 1	JUNIPER II CORP	*W EXP 99/99/999	
48203N 20 2	JUNIPER II CORP	UNIT 99/99/9999	
48203R 10 4 *	JUNIPER NETWORKS INC	COM	
48203R 90 4	JUNIPER NETWORKS INC	CALL	
48203R 95 4	JUNIPER NETWORKS INC	PUT	
48208E 10 8	JUPITER WELLNESS ACQUISITION	CLASS A COM	
48208E 11 6	JUPITER WELLNESS ACQUISITION	RIGHT 12/31/2028	
48208F 10 5	JUPITER WELLNESS INC	COM NEW	
48208F 11 3	JUPITER WELLNESS INC	*W EXP 06/17/202	
482082 10 4	JUPITER ACQUISITION CORP	CL A	
482082 11 2	JUPITER ACQUISITION CORP	*W EXP 08/17/202	
482082 20 3	JUPITER ACQUISITION CORP	UNIT 09/11/2027	
48238T 10 9 *	KAR AUCTION SVCS INC	COM	
48238T 90 9	KAR AUCTION SVCS INC	CALL	
48238T 95 9	KAR AUCTION SVCS INC	PUT	
48241A 10 5 *	KB FINL GROUP INC	SPONSORED ADR	
48241A 90 5	KB FINL GROUP INC	CALL	
48241A 95 5	KB FINL GROUP INC	PUT	
48242W AB 2	KBR INC	NOTE 2.500%11/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 413

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
48242W 10 6 *	KBR INC	COM	
48242W 90 6	KBR INC	CALL	
48242W 95 6	KBR INC	PUT	
482480 10 0 *	KLA CORP	COM NEW	
482480 90 0	KLA CORP	CALL	
482480 95 0	KLA CORP	PUT	
48249T 10 6	KKR INCOME OPPORTUNITIES FD	COM	
482497 10 4 *	KE HLDGS INC	SPONSORED ADS	
482497 90 4	KE HLDGS INC	CALL	
482497 95 4	KE HLDGS INC	PUT	
482504 10 7 *	KHOSLA VENTURES ACQUISITION	CL A	
482504 90 7	KHOSLA VENTURES ACQUISITION	CALL	
482504 95 7	KHOSLA VENTURES ACQUISITION	PUT	
482506 10 2	KHOSLA VENTURES ACQUT CO III	COM CL A	
48251K AB 6	KKR REAL ESTATE FIN TR INC	NOTE 6.125% 5/1	
48251K 10 0 *	KKR REAL ESTATE FIN TR INC	COM	
48251K 90 0	KKR REAL ESTATE FIN TR INC	CALL	
48251K 95 0	KKR REAL ESTATE FIN TR INC	PUT	
48251W 10 4 *	KKR & CO INC	COM	
48251W 90 4	KKR & CO INC	CALL	
48251W 95 4	KKR & CO INC	PUT	
48251W 40 1	KKR & CO INC	6% MCONV PFD C	
48253L 20 5 *	KLX ENERGY SERVICIS HOLDNGS I	COM NEW	
48253L 90 5	KLX ENERGY SERVICIS HOLDNGS I	CALL	
48253L 95 5	KLX ENERGY SERVICIS HOLDNGS I	PUT	
48268K 10 1 *	KT CORP	SPONSORED ADR	
48268K 90 1	KT CORP	CALL	
48268K 95 1	KT CORP	PUT	
482738 10 1 *	KVH INDS INC	COM	
482738 90 1	KVH INDS INC	CALL	
482738 95 1	KVH INDS INC	PUT	
48282T 10 4 *	KADANT INC	COM	
48282T 90 4	KADANT INC	CALL	
48282T 95 4	KADANT INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 414

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
48284E 10 5	KADEM SUSTAINABLE IMPACT COR	CLASS A COM	DELETED
48284E 11 3	KADEM SUSTAINABLE IMPACT COR	*W EXP 03/16/202	DELETED
48284E 20 4	KADEM SUSTAINABLE IMPACT COR	UNIT 03/17/2026	DELETED
483007 70 4 *	KAISER ALUMINUM CORP	COM PAR \$0.01	
483007 90 4	KAISER ALUMINUM CORP	CALL	
483007 95 4	KAISER ALUMINUM CORP	PUT	
483104 20 4	KAIVAL BRNDS INNOVATNS GRP I	COM NEW	
483119 20 2 *	KALA PHARMACEUTICALS INC	COM NEW	
483119 90 2	KALA PHARMACEUTICALS INC	CALL	
483119 95 2	KALA PHARMACEUTICALS INC	PUT	
483379 10 3 *	KALEYRA INC	COM	DELETED
483379 90 3	KALEYRA INC	CALL	DELETED
483379 95 3	KALEYRA INC	PUT	DELETED
483379 11 1	KALEYRA INC	*W EXP 11/25/202	
483379 20 2 *	KALEYRA INC	COM	ADDED
483379 90 2	KALEYRA INC	CALL	ADDED
483379 95 2	KALEYRA INC	PUT	ADDED
483467 10 6 *	KALTURA INC	COM	
483467 90 6	KALTURA INC	CALL	
483467 95 6	KALTURA INC	PUT	
483497 10 3 *	KALVISTA PHARMACEUTICALS INC	COM	
483497 90 3	KALVISTA PHARMACEUTICALS INC	CALL	
483497 95 3	KALVISTA PHARMACEUTICALS INC	PUT	
483548 AF 0	KAMAN CORP	NOTE 3.25% 5/0	
483548 10 3 *	KAMAN CORP	COM	
483548 90 3	KAMAN CORP	CALL	
483548 95 3	KAMAN CORP	PUT	
483709 10 1 *	KANDI TECHNOLOGIES GROUP INC	COM	
483709 90 1	KANDI TECHNOLOGIES GROUP INC	CALL	
483709 95 1	KANDI TECHNOLOGIES GROUP INC	PUT	
48553T 10 6 *	KANZHUN LIMITED	SPONSORED ADS	
48553T 90 6	KANZHUN LIMITED	CALL	
48553T 95 6	KANZHUN LIMITED	PUT	
48563L 10 1	KARAT PACKAGING INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 415

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
48576A 10 0 *	KARUNA THERAPEUTICS INC	COM	
48576A 90 0	KARUNA THERAPEUTICS INC	CALL	
48576A 95 0	KARUNA THERAPEUTICS INC	PUT	
48576U AA 4	KARYOPHARM THERAPEUTICS INC	NOTE 3.000%10/1	
48576U 10 6 *	KARYOPHARM THERAPEUTICS INC	COM	
48576U 90 6	KARYOPHARM THERAPEUTICS INC	CALL	
48576U 95 6	KARYOPHARM THERAPEUTICS INC	PUT	
485837 10 8	KASPIEN HOLDINGS INC	COM NEW	
485859 10 2 *	KATAPULT HOLDINGS INC	COM	
485859 90 2	KATAPULT HOLDINGS INC	CALL	
485859 95 2	KATAPULT HOLDINGS INC	PUT	
485859 11 0	KATAPULT HOLDINGS INC	*W EXP 06/09/202	
486606 10 6 *	KAYNE ANDERSON ENERGY INFRST	COM	
486606 90 6	KAYNE ANDERSON ENERGY INFRST	CALL	
486606 95 6	KAYNE ANDERSON ENERGY INFRST	PUT	
48661E 10 8	KAYNE ANDERSON NEXTGEN ENRGY	COM	
48666K 10 9 *	KB HOME	COM	
48666K 90 9	KB HOME	CALL	
48666K 95 9	KB HOME	PUT	
48669G 10 5 *	KAZIA THERAPEUTICS LTD	SPONSORED ADR	
48669G 90 5	KAZIA THERAPEUTICS LTD	CALL	
48669G 95 5	KAZIA THERAPEUTICS LTD	PUT	
48716P 10 8 *	KEARNY FINL CORP MD	COM	
48716P 90 8	KEARNY FINL CORP MD	CALL	
48716P 95 8	KEARNY FINL CORP MD	PUT	
487836 10 8 *	KELLOGG CO	COM	
487836 90 8	KELLOGG CO	CALL	
487836 95 8	KELLOGG CO	PUT	
488152 20 8 *	KELLY SVCS INC	CL A	
488152 90 8	KELLY SVCS INC	CALL	
488152 95 8	KELLY SVCS INC	PUT	
488152 30 7	KELLY SVCS INC	CL B	
48817R 40 9 *	KELLY STRATEGIC ETF TRUST	HOTEL & LODGING	
48817R 90 9	KELLY STRATEGIC ETF TRUST	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 416

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
48817R 95 9	KELLY STRATEGIC ETF TRUST	PUT	
48817R 50 8 *	KELLY STRATEGIC ETF TRUST	RESIDENTIAL & AP	
48817R 90 8	KELLY STRATEGIC ETF TRUST	CALL	
48817R 95 8	KELLY STRATEGIC ETF TRUST	PUT	
48817R 70 6 *	KELLY STRATEGIC ETF TRUST	CRISPR & GENE ED	
48817R 90 6	KELLY STRATEGIC ETF TRUST	CALL	
48817R 95 6	KELLY STRATEGIC ETF TRUST	PUT	
48826D 20 1	KELSO TECHNOLOGIES INC	COM NEW	
488401 10 0 *	KEMPER CORP	COM	
488401 90 0	KEMPER CORP	CALL	
488401 95 0	KEMPER CORP	PUT	
488445 20 6 *	ZEVRA THERAPEUTICS INC	COM NEW	
488445 90 6	ZEVRA THERAPEUTICS INC	CALL	
488445 95 6	ZEVRA THERAPEUTICS INC	PUT	
489170 10 0 *	KENNAMETAL INC	COM	
489170 90 0	KENNAMETAL INC	CALL	
489170 95 0	KENNAMETAL INC	PUT	
489398 10 7 *	KENNEDY-WILSON HOLDINGS INC	COM	
489398 90 7	KENNEDY-WILSON HOLDINGS INC	CALL	
489398 95 7	KENNEDY-WILSON HOLDINGS INC	PUT	
491292 10 8	KENTUCKY FIRST FED BANCORP	COM	
492327 10 1 *	KEROS THERAPEUTICS INC	COM	
492327 90 1	KEROS THERAPEUTICS INC	CALL	
492327 95 1	KEROS THERAPEUTICS INC	PUT	
49271V 10 0 *	KEURIG DR PEPPER INC	COM	
49271V 90 0	KEURIG DR PEPPER INC	CALL	
49271V 95 0	KEURIG DR PEPPER INC	PUT	
492854 10 4	KEWAUNEE SCIENTIFIC CORP	COM	
493144 10 9 *	KEY TRONIC CORP	COM	
493144 90 9	KEY TRONIC CORP	CALL	
493144 95 9	KEY TRONIC CORP	PUT	
493267 10 8 *	KEYCORP	COM	
493267 90 8	KEYCORP	CALL	
493267 95 8	KEYCORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 417

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
49338L 10 3 *	KEYSIGHT TECHNOLOGIES INC	COM	
49338L 90 3	KEYSIGHT TECHNOLOGIES INC	CALL	
49338L 95 3	KEYSIGHT TECHNOLOGIES INC	PUT	
49372L 10 0 *	KEZAR LIFE SCIENCES INC	COM	
49372L 90 0	KEZAR LIFE SCIENCES INC	CALL	
49372L 95 0	KEZAR LIFE SCIENCES INC	PUT	
493732 10 1 *	KFORCE INC	COM	
493732 90 1	KFORCE INC	CALL	
493732 95 1	KFORCE INC	PUT	
49382L 10 8	KIDPIK CORP	COM	
49427F 10 8 *	KILROY RLTY CORP	COM	
49427F 90 8	KILROY RLTY CORP	CALL	
49427F 95 8	KILROY RLTY CORP	PUT	
494274 10 3 *	KIMBALL INTL INC	CL B	
494274 90 3	KIMBALL INTL INC	CALL	
494274 95 3	KIMBALL INTL INC	PUT	
49428J 10 9 *	KIMBALL ELECTRONICS INC	COM	
49428J 90 9	KIMBALL ELECTRONICS INC	CALL	
49428J 95 9	KIMBALL ELECTRONICS INC	PUT	
49435R 10 2 *	KIMBELL RTY PARTNERS LP	UNIT	
49435R 90 2	KIMBELL RTY PARTNERS LP	CALL	
49435R 95 2	KIMBELL RTY PARTNERS LP	PUT	
49436K 10 6	KIMBELL TIGER ACQUISITION CO	COM CL A	
49436K 11 4	KIMBELL TIGER ACQUISITION CO	*W EXP 09/15/202	
49436K 20 5	KIMBELL TIGER ACQUISITION CO	UNIT 09/15/2028	
494368 10 3 *	KIMBERLY-CLARK CORP	COM	
494368 90 3	KIMBERLY-CLARK CORP	CALL	
494368 95 3	KIMBERLY-CLARK CORP	PUT	
49446R 10 9 *	KIMCO RLTY CORP	COM	
49446R 90 9	KIMCO RLTY CORP	CALL	
49446R 95 9	KIMCO RLTY CORP	PUT	
49456B 10 1 *	KINDER MORGAN INC DEL	COM	
49456B 90 1	KINDER MORGAN INC DEL	CALL	
49456B 95 1	KINDER MORGAN INC DEL	PUT	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 418

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
49461C 10 2 *	KINETA INC	COM	
49461C 90 2	KINETA INC	CALL	
49461C 95 2	KINETA INC	PUT	
49639K 10 1 *	KINGSOFT CLOUD HLDGS LTD	ADS	
49639K 90 1	KINGSOFT CLOUD HLDGS LTD	CALL	
49639K 95 1	KINGSOFT CLOUD HLDGS LTD	PUT	
496719 10 5 *	KINGSTONE COS INC	COM	
496719 90 5	KINGSTONE COS INC	CALL	
496719 95 5	KINGSTONE COS INC	PUT	
496902 40 4 *	KINROSS GOLD CORP	COM	
496902 90 4	KINROSS GOLD CORP	CALL	
496902 95 4	KINROSS GOLD CORP	PUT	
496904 20 2 *	KINGSWAY FINL SVCS INC	COM NEW	
496904 90 2	KINGSWAY FINL SVCS INC	CALL	
496904 95 2	KINGSWAY FINL SVCS INC	PUT	
49705R 10 5 *	KINNATE BIOPHARMA INC	COM	
49705R 90 5	KINNATE BIOPHARMA INC	CALL	
49705R 95 5	KINNATE BIOPHARMA INC	PUT	
49714K 10 9	KINS TECHNOLOGY GROUP INC	COM CL A	DELETED
49714K 11 7	KINS TECHNOLOGY GROUP INC	*W EXP 10/14/202	DELETED
49714K 20 8	KINS TECHNOLOGY GROUP INC	UNIT 10/14/2025	DELETED
49714P 10 8 *	KINSALE CAP GROUP INC	COM	
49714P 90 8	KINSALE CAP GROUP INC	CALL	
49714P 95 8	KINSALE CAP GROUP INC	PUT	
49720K 20 0	KINTARA THERAPEUTICS INC	COM NEW	
49721T 30 9	KIORA PHARMACEUTICALS INC	COM NEW	
497266 10 6 *	KIRBY CORP	COM	
497266 90 6	KIRBY CORP	CALL	
497266 95 6	KIRBY CORP	PUT	
497498 10 5 *	KIRKLANDS INC	COM	
497498 90 5	KIRKLANDS INC	CALL	
497498 95 5	KIRKLANDS INC	PUT	
497634 10 5 *	KIROMIC BIOPHARMA INC	COM	DELETED
497634 90 5	KIROMIC BIOPHARMA INC	CALL	DELETED

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 419

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
497634 95 5	KIROMIC BIOPHARMA INC	PUT	DELETED
497634 20 4 *	KIROMIC BIOPHARMA INC	COM NEW	ADDED
497634 90 4	KIROMIC BIOPHARMA INC	CALL	ADDED
497634 95 4	KIROMIC BIOPHARMA INC	PUT	ADDED
49803T 30 0 *	KITE RLTY GROUP TR	COM NEW	
49803T 90 0	KITE RLTY GROUP TR	CALL	
49803T 95 0	KITE RLTY GROUP TR	PUT	
49878L 10 9	KLUDEIN I ACQUISITION CORP	CL A	DELETED
49878L 11 7	KLUDEIN I ACQUISITION CORP	*W EXP 07/08/202	DELETED
49878L 20 8	KLUDEIN I ACQUISITION CORP	UNIT 99/99/9999	DELETED
499049 10 4 *	KNIGHT-SWIFT TRANSN HLDGS IN	CL A	
499049 90 4	KNIGHT-SWIFT TRANSN HLDGS IN	CALL	
499049 95 4	KNIGHT-SWIFT TRANSN HLDGS IN	PUT	
49907V 10 2	KNIGHTSCOPE INC	CLASS A COM	
499103 10 9	KNIGHTSWAN ACQUISITION CORP	CL A COM	
499103 11 7	KNIGHTSWAN ACQUISITION CORP	*W EXP 99/99/999	
499103 20 8	KNIGHTSWAN ACQUISITION CORP	UNIT 99/99/9999	
499238 10 3	KNOW LABS INC	COM NEW	
49926D 10 9 *	KNOWLES CORP	COM	
49926D 90 9	KNOWLES CORP	CALL	
49926D 95 9	KNOWLES CORP	PUT	
49926T 10 4 *	KNOWBE4 INC	CL A	DELETED
49926T 90 4	KNOWBE4 INC	CALL	DELETED
49926T 95 4	KNOWBE4 INC	PUT	DELETED
50015M 10 9 *	KODIAK SCIENCES INC	COM	
50015M 90 9	KODIAK SCIENCES INC	CALL	
50015M 95 9	KODIAK SCIENCES INC	PUT	
500255 10 4 *	KOHL'S CORP	COM	
500255 90 4	KOHL'S CORP	CALL	
500255 95 4	KOHL'S CORP	PUT	
500472 30 3 *	KONINKLIJKE PHILIPS N V	NY REGIS SHS NEW	
500472 90 3	KONINKLIJKE PHILIPS N V	CALL	
500472 95 3	KONINKLIJKE PHILIPS N V	PUT	
50050N 10 3 *	KONTOOR BRANDS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 420

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
50050N 90 3	KONTOOR BRANDS INC	CALL	
50050N 95 3	KONTOOR BRANDS INC	PUT	
50060P 10 6 *	KOPPERS HOLDINGS INC	COM	
50060P 90 6	KOPPERS HOLDINGS INC	CALL	
50060P 95 6	KOPPERS HOLDINGS INC	PUT	
500600 10 1 *	KOPIN CORP	COM	
500600 90 1	KOPIN CORP	CALL	
500600 95 1	KOPIN CORP	PUT	
500631 10 6 *	KOREA ELEC PWR CORP	SPONSORED ADR	
500631 90 6	KOREA ELEC PWR CORP	CALL	
500631 95 6	KOREA ELEC PWR CORP	PUT	
500634 20 9	KOREA FD INC	COM NEW	
500643 20 0 *	KORN FERRY	COM NEW	
500643 90 0	KORN FERRY	CALL	
500643 95 0	KORN FERRY	PUT	
50066V 10 7	KORE GROUP HLDGS INC	COMMON STOCK	
50066V 11 5	KORE GROUP HLDGS INC	*W EXP 09/30/202	
500688 10 6 *	KOSMOS ENERGY LTD	COM	
500688 90 6	KOSMOS ENERGY LTD	CALL	
500688 95 6	KOSMOS ENERGY LTD	PUT	
500692 10 8	KOSS CORP	COM	
500754 10 6 *	KRAFT HEINZ CO	COM	
500754 90 6	KRAFT HEINZ CO	CALL	
500754 95 6	KRAFT HEINZ CO	PUT	
500767 20 7 *	KRANESHARES TR	CICC CHINA 100	
500767 90 7	KRANESHARES TR	CALL	
500767 95 7	KRANESHARES TR	PUT	
500767 30 6 *	KRANESHARES TR	CSI CHI INTERNET	
500767 90 6	KRANESHARES TR	CALL	
500767 95 6	KRANESHARES TR	PUT	
500767 40 5 *	KRANESHARES TR	BOERA MSCI CHIN	
500767 90 5	KRANESHARES TR	CALL	
500767 95 5	KRANESHARES TR	PUT	
500767 47 0	KRANESHARES TR	KRANESHARES CN	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 421

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
500767 49 6	KRANESHARES TR	S&P PAN ASIA DIV	
500767 51 2	KRANESHARES TR	ELECTRIFICATION	
500767 52 0	KRANESHARES TR	GLOBAL CARBON TR	
500767 53 8	KRANESHARES TR	GLOBAL CRBN OFS	
500767 54 6	KRANESHARES TR	CHINA INNOVATI	
500767 55 3 *	KRANESHARES TR	CALIFORNIA CARB	
500767 90 3	KRANESHARES TR	CALL	
500767 95 3	KRANESHARES TR	PUT	
500767 56 1 *	KRANESHARES TR	EUROPEAN CARBON	
500767 90 1	KRANESHARES TR	CALL	
500767 95 1	KRANESHARES TR	PUT	
500767 57 9 *	KRANESHARES TR	HANG SENG TECH	
500767 90 9	KRANESHARES TR	CALL	
500767 95 9	KRANESHARES TR	PUT	
500767 58 7 *	KRANESHARES TR	QUADRATIC DEFLA	
500767 90 7	KRANESHARES TR	CALL	
500767 95 7	KRANESHARES TR	PUT	
500767 59 5 *	KRANESHARES TR	CICC CN CONSUMER	
500767 90 5	KRANESHARES TR	CALL	
500767 95 5	KRANESHARES TR	PUT	
500767 61 1 *	KRANESHARES TR	CICC CHIN 5G SEM	
500767 90 1	KRANESHARES TR	CALL	
500767 95 1	KRANESHARES TR	PUT	
500767 64 5	KRANESHARES TR	KFA VAL LIN DYNM	
500767 65 2 *	KRANESHARES TR	KFA MOUNT LUCAS	
500767 90 2	KRANESHARES TR	CALL	
500767 95 2	KRANESHARES TR	PUT	
500767 66 0	KRANESHARES TR	MSCI CN ESG LEAD	
500767 67 8 *	KRANESHARES TR	GLOBAL CARB STRA	
500767 90 8	KRANESHARES TR	CALL	
500767 95 8	KRANESHARES TR	PUT	
500767 69 4 *	KRANESHARES TR	SSE STAR MRKT 50	
500767 90 4	KRANESHARES TR	CALL	
500767 95 4	KRANESHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 422

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
500767 70 2	KRANESHARES TR	BLOOMBERG CHIINA	
500767 71 0 *	KRANESHARES TR	SML CAP QTY DIVD	DELETED
500767 90 0	KRANESHARES TR	CALL	DELETED
500767 95 0	KRANESHARES TR	PUT	DELETED
500767 72 8 *	KRANESHARES TR	LRG CAP QTY DIVD	DELETED
500767 90 8	KRANESHARES TR	CALL	DELETED
500767 95 8	KRANESHARES TR	PUT	DELETED
500767 73 6 *	KRANESHARES TR	QUADRTC INT RT	
500767 90 6	KRANESHARES TR	CALL	
500767 95 6	KRANESHARES TR	PUT	
500767 76 9 *	KRANESHARES TR	MSCI EMG EX CH	
500767 90 9	KRANESHARES TR	CALL	
500767 95 9	KRANESHARES TR	PUT	
500767 80 1 *	KRANESHARES TR	MSCI ALL CHINA	
500767 90 1	KRANESHARES TR	CALL	
500767 95 1	KRANESHARES TR	PUT	
500767 81 9 *	KRANESHARES TR	EMERGING MKTS	
500767 90 9	KRANESHARES TR	CALL	
500767 95 9	KRANESHARES TR	PUT	
500767 82 7 *	KRANESHARES TR	ELEC VEH FUTUR	
500767 90 7	KRANESHARES TR	CALL	
500767 95 7	KRANESHARES TR	PUT	
500767 83 5 *	KRANESHARES TR	MSCI ALL CHINA	
500767 90 5	KRANESHARES TR	CALL	
500767 95 5	KRANESHARES TR	PUT	
500767 84 3	KRANESHARES TR	ASIA PACIFIC HI	
500767 85 0 *	KRANESHARES TR	MSCI CHINA CLEAN	
500767 90 0	KRANESHARES TR	CALL	
500767 95 0	KRANESHARES TR	PUT	
500767 86 8 *	KRANESHARES TR	MSCI ONE BELT	
500767 90 8	KRANESHARES TR	CALL	
500767 95 8	KRANESHARES TR	PUT	
500767 87 6 *	KRANESHARES TR	EMRNG MKT CONS	
500767 90 6	KRANESHARES TR	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 423

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
500767 95 6	KRANESHARES TR	PUT	
50077B 20 7 *	KRATOS DEFENSE & SEC SOLUTIO	COM NEW	
50077B 90 7	KRATOS DEFENSE & SEC SOLUTIO	CALL	
50077B 95 7	KRATOS DEFENSE & SEC SOLUTIO	PUT	
50101L 10 6 *	KRISPY KREME INC	COM	
50101L 90 6	KRISPY KREME INC	CALL	
50101L 95 6	KRISPY KREME INC	PUT	
501044 10 1 *	KROGER CO	COM	
501044 90 1	KROGER CO	CALL	
501044 95 1	KROGER CO	PUT	
50105F 10 5 *	KRONOS WORLDWIDE INC	COM	
50105F 90 5	KRONOS WORLDWIDE INC	CALL	
50105F 95 5	KRONOS WORLDWIDE INC	PUT	
50107A 10 4 *	KRONOS BIO INC	COM	
50107A 90 4	KRONOS BIO INC	CALL	
50107A 95 4	KRONOS BIO INC	PUT	
501147 10 2 *	KRYSTAL BIOTECH INC	COM	
501147 90 2	KRYSTAL BIOTECH INC	CALL	
501147 95 2	KRYSTAL BIOTECH INC	PUT	
50116V 10 7 *	KUBIENT INC	COM	
50116V 90 7	KUBIENT INC	CALL	
50116V 95 7	KUBIENT INC	PUT	
50116V 11 5	KUBIENT INC	*W EXP 08/14/202	
501229 10 8	KUKE MUSIC HLDG LTD	SPONSORED ADS	
501242 10 1 *	KULICKE & SOFFA INDS INC	COM	
501242 90 1	KULICKE & SOFFA INDS INC	CALL	
501242 95 1	KULICKE & SOFFA INDS INC	PUT	
50125G 10 9 *	KULR TECHNOLOGY GROUP INC	COM	
50125G 90 9	KULR TECHNOLOGY GROUP INC	CALL	
50125G 95 9	KULR TECHNOLOGY GROUP INC	PUT	
50127T 10 9 *	KURA ONCOLOGY INC	COM	
50127T 90 9	KURA ONCOLOGY INC	CALL	
50127T 95 9	KURA ONCOLOGY INC	PUT	
501270 10 2	KURA SUSHI USA INC	CL A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 424

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
501506 13 3	KWESST MICRO SYSTEMS INC	*W EXP 12/09/202	
501506 60 4	KWESST MICRO SYSTEMS INC	COM NEW	
50155Q 10 0 *	KYNDRYL HLDGS INC	COMMON STOCK	
50155Q 90 0	KYNDRYL HLDGS INC	CALL	
50155Q 95 0	KYNDRYL HLDGS INC	PUT	
501575 10 4 *	KYMER A THERAPEUTICS INC	COM	
501575 90 4	KYMER A THERAPEUTICS INC	CALL	
501575 95 4	KYMER A THERAPEUTICS INC	PUT	
50181P 10 0 *	LCNB CORP	COM	
50181P 90 0	LCNB CORP	CALL	
50181P 95 0	LCNB CORP	PUT	
501812 AB 7	LCI INDS	NOTE 1.125% 5/1	
50186A 10 8	LGL GROUP INC	COM	
50186A 13 2	LGL GROUP INC	*W EXP 11/16/202	
50186V 10 2 *	LG DISPLAY CO LTD	SPONS ADR REP	
50186V 90 2	LG DISPLAY CO LTD	CALL	
50186V 95 2	LG DISPLAY CO LTD	PUT	
50187A 10 7 *	LHC GROUP INC	COM	DELETED
50187A 90 7	LHC GROUP INC	CALL	DELETED
50187A 95 7	LHC GROUP INC	PUT	DELETED
50187J 20 7	LEJU HLDGS LTD	SPONSORED ADS	
50187T 10 6 *	LGI HOMES INC	COM	
50187T 90 6	LGI HOMES INC	CALL	
50187T 95 6	LGI HOMES INC	PUT	
501889 20 8 *	LKQ CORP	COM	
501889 90 8	LKQ CORP	CALL	
501889 95 8	LKQ CORP	PUT	
50189K 10 3 *	LCI INDS	COM	
50189K 90 3	LCI INDS	CALL	
50189K 95 3	LCI INDS	PUT	
50202D 10 2	LF CAPITAL ACQUISITION CORP	CLASS A COM	
50202D 11 0	LF CAPITAL ACQUISITION CORP	*W EXP 02/19/202	
50202D 20 1	LF CAPITAL ACQUISITION CORP	UNIT 05/15/2028	
50202M AB 8	LI AUTO INC	NOTE 0.250% 5/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 425

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
50202M 10 2 *	LI AUTO INC	SPONSORED ADS	
50202M 90 2	LI AUTO INC	CALL	
50202M 95 2	LI AUTO INC	PUT	
50202P 10 5 *	LI-CYCLE HOLDINGS CORP	COMMON SHARES	
50202P 90 5	LI-CYCLE HOLDINGS CORP	CALL	
50202P 95 5	LI-CYCLE HOLDINGS CORP	PUT	
502074 40 4 *	LM FDG AMER INC	COM	
502074 90 4	LM FDG AMER INC	CALL	
502074 95 4	LM FDG AMER INC	PUT	
50208A 10 2	LMP CAP & INCOME FD INC	COM	
50212V 10 0 *	LPL FINL HLDGS INC	COM	
50212V 90 0	LPL FINL HLDGS INC	CALL	
50212V 95 0	LPL FINL HLDGS INC	PUT	
50216C 10 8 *	LSI INDS INC OHIO	COM	
50216C 90 8	LSI INDS INC OHIO	CALL	
50216C 95 8	LSI INDS INC OHIO	PUT	
502160 10 4 *	LSB INDS INC	COM	
502160 90 4	LSB INDS INC	CALL	
502160 95 4	LSB INDS INC	PUT	
502175 10 2 *	LTC PPTYS INC	COM	
502175 90 2	LTC PPTYS INC	CALL	
502175 95 2	LTC PPTYS INC	PUT	
502431 10 9 *	L3HARRIS TECHNOLOGIES INC	COM	
502431 90 9	L3HARRIS TECHNOLOGIES INC	CALL	
502431 95 9	L3HARRIS TECHNOLOGIES INC	PUT	
505336 10 7 *	LA Z BOY INC	COM	
505336 90 7	LA Z BOY INC	CALL	
505336 95 7	LA Z BOY INC	PUT	
50535E 10 8	PROSOMNUS INC	COMMON STOCK	
50535E 11 6	PROSOMNUS INC	*W EXP 04/20/202	
50540R 40 9 *	LABORATORY CORP AMER HLDGS	COM NEW	
50540R 90 9	LABORATORY CORP AMER HLDGS	CALL	
50540R 95 9	LABORATORY CORP AMER HLDGS	PUT	
505743 10 4 *	LADDER CAP CORP	CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 426

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
505743 90 4	LADDER CAP CORP	CALL	
505743 95 4	LADDER CAP CORP	PUT	
50736T 10 2	LAIRD SUPERFOOD INC	COM STK	
510700 10 7	LAKE SHORE BANCORP INC	COM	
511637 10 0 *	LAKELAND BANCORP INC	COM	
511637 90 0	LAKELAND BANCORP INC	CALL	
511637 95 0	LAKELAND BANCORP INC	PUT	
511656 10 0 *	LAKELAND FINL CORP	COM	
511656 90 0	LAKELAND FINL CORP	CALL	
511656 95 0	LAKELAND FINL CORP	PUT	
511795 10 6 *	LAKELAND INDS INC	COM	
511795 90 6	LAKELAND INDS INC	CALL	
511795 95 6	LAKELAND INDS INC	PUT	
512807 10 8 *	LAM RESEARCH CORP	COM	
512807 90 8	LAM RESEARCH CORP	CALL	
512807 95 8	LAM RESEARCH CORP	PUT	
512816 10 9 *	LAMAR ADVERTISING CO NEW	CL A	
512816 90 9	LAMAR ADVERTISING CO NEW	CALL	
512816 95 9	LAMAR ADVERTISING CO NEW	PUT	
513272 10 4 *	LAMB WESTON HLDGS INC	COM	
513272 90 4	LAMB WESTON HLDGS INC	CALL	
513272 95 4	LAMB WESTON HLDGS INC	PUT	
513847 10 3 *	LANCASTER COLONY CORP	COM	
513847 90 3	LANCASTER COLONY CORP	CALL	
513847 95 3	LANCASTER COLONY CORP	PUT	
514766 10 4 *	LIFECORE BIOMEDICAL INC	COM	
514766 90 4	LIFECORE BIOMEDICAL INC	CALL	
514766 95 4	LIFECORE BIOMEDICAL INC	PUT	
51477A 10 4	LANDCADIA HOLDINGS IV INC	CLASS A COM	
51477A 11 2	LANDCADIA HOLDINGS IV INC	*W EXP 03/29/202	
51477A 20 3	LANDCADIA HOLDINGS IV INC	UNIT 05/01/2025	
51504L 10 7	LANDMARK BANCORP INC	COM	
515069 10 2	LANDOS BIOPHARMA INC	COM	
51509F 10 5 *	LANDS END INC NEW	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 427

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
51509F 90 5	LANDS END INC NEW	CALL	
51509F 95 5	LANDS END INC NEW	PUT	
51509P 10 3	LANDSEA HOMES CORP	COM	
51509P 11 1	LANDSEA HOMES CORP	*W EXP 01/08/202	
515098 10 1 *	LANDSTAR SYS INC	COM	
515098 90 1	LANDSTAR SYS INC	CALL	
515098 95 1	LANDSTAR SYS INC	PUT	
516012 10 1 *	LANNET INC	COM	DELETED
516012 90 1	LANNET INC	CALL	DELETED
516012 95 1	LANNET INC	PUT	DELETED
516012 20 0 *	LANNET INC	COM NEW	ADDED
516012 90 0	LANNET INC	CALL	ADDED
516012 95 0	LANNET INC	PUT	ADDED
51602U AC 2	LANNETT CO INC	NOTE 4.500%10/0	
51654W 10 1 *	LANTERN PHARMA INC	COM	
51654W 90 1	LANTERN PHARMA INC	CALL	
51654W 95 1	LANTERN PHARMA INC	PUT	
516544 10 3 *	LANTHEUS HLDGS INC	COM	
516544 90 3	LANTHEUS HLDGS INC	CALL	
516544 95 3	LANTHEUS HLDGS INC	PUT	
516548 20 3 *	LANTRONIX INC	COM NEW	
516548 90 3	LANTRONIX INC	CALL	
516548 95 3	LANTRONIX INC	PUT	
51655R 10 1	LANZATECH GLOBAL INC	COM	ADDED
51655R 11 9	LANZATECH GLOBAL INC	*W EXP 01/01/202	ADDED
516806 20 5 *	VITAL ENERGY INC	COM	
516806 90 5	VITAL ENERGY INC	CALL	
516806 95 5	VITAL ENERGY INC	PUT	
517097 10 1 *	LARGO INC	COM	
517097 90 1	LARGO INC	CALL	
517097 95 1	LARGO INC	PUT	
517125 10 0 *	LARIMAR THERAPEUTICS INC	COM	
517125 90 0	LARIMAR THERAPEUTICS INC	CALL	
517125 95 0	LARIMAR THERAPEUTICS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 428

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
517834 10 7 *	LAS VEGAS SANDS CORP	COM	
517834 90 7	LAS VEGAS SANDS CORP	CALL	
517834 95 7	LAS VEGAS SANDS CORP	PUT	
51807Q 10 0	LASER PHOTONICS CORP	COM	
51818V 10 6 *	LATCH INC	COM	
51818V 90 6	LATCH INC	CALL	
51818V 95 6	LATCH INC	PUT	
51818V 11 4	LATCH INC	*W EXP 06/04/202	
51819L 10 7 *	LATHAM GROUP INC	COM	
51819L 90 7	LATHAM GROUP INC	CALL	
51819L 95 7	LATHAM GROUP INC	PUT	
518415 10 4 *	LATTICE SEMICONDUCTOR CORP	COM	
518415 90 4	LATTICE SEMICONDUCTOR CORP	CALL	
518415 95 4	LATTICE SEMICONDUCTOR CORP	PUT	
518416 10 2 *	LATTICE STRATEGIES TR	HARTFORD MLT ETF	
518416 90 2	LATTICE STRATEGIES TR	CALL	
518416 95 2	LATTICE STRATEGIES TR	PUT	
518416 20 1	LATTICE STRATEGIES TR	HARTFRD EMRG ETF	
518416 40 9	LATTICE STRATEGIES TR	HARTFORD US EQTY	
518416 50 8	LATTICE STRATEGIES TR	HARTFORD MLT SML	
518416 60 7	LATTICE STRATEGIES TR	HARTFORD MLT DIV	
518416 80 5	LATTICE STRATEGIES TR	HARTFORD LONGEVI	
518416 87 0	LATTICE STRATEGIES TR	HARTFORD DISCIPL	
518439 10 4 *	LAUDER ESTEE COS INC	CL A	
518439 90 4	LAUDER ESTEE COS INC	CALL	
518439 95 4	LAUDER ESTEE COS INC	PUT	
518613 20 3 *	LAUREATE EDUCATION INC	COMMON STOCK	
518613 90 3	LAUREATE EDUCATION INC	CALL	
518613 95 3	LAUREATE EDUCATION INC	PUT	
519345 10 2	LAVA MEDTECH ACQUISITION COR	CLASS A COM	
519345 11 0	LAVA MEDTECH ACQUISITION COR	*W EXP 10/21/202	
519345 20 1	LAVA MEDTECH ACQUISITION COR	UNIT 10/21/2026	
520776 10 5	DISTRIBUTION SOLUTIONS GRP I	COM	
52106W 10 3	LAZARD GLOBAL TOTAL RETURN &	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 429

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
52110H 10 0 *	LAZYDAYS HLDGS INC	COM	
52110H 90 0	LAZYDAYS HLDGS INC	CALL	
52110H 95 0	LAZYDAYS HLDGS INC	PUT	
52178J 10 5 *	LEAFLY HOLDINGS INC	COM	
52178J 90 5	LEAFLY HOLDINGS INC	CALL	
52178J 95 5	LEAFLY HOLDINGS INC	PUT	
52178J 11 3	LEAFLY HOLDINGS INC	*W EXP 02/04/202	
521865 20 4 *	LEAR CORP	COM NEW	
521865 90 4	LEAR CORP	CALL	
521865 95 4	LEAR CORP	PUT	
52187K 10 1 *	LEAP THERAPEUTICS INC	COM	
52187K 90 1	LEAP THERAPEUTICS INC	CALL	
52187K 95 1	LEAP THERAPEUTICS INC	PUT	
523768 40 6	LEE ENTERPRISES INC	COM	
52466B 10 3 *	LEGALZOOM COM INC	COM	
52466B 90 3	LEGALZOOM COM INC	CALL	
52466B 95 3	LEGALZOOM COM INC	PUT	
524660 10 7 *	LEGGETT & PLATT INC	COM	
524660 90 7	LEGGETT & PLATT INC	CALL	
524660 95 7	LEGGETT & PLATT INC	PUT	
52468L 40 6 *	LEGG MASON ETF INVT	FRANKLIN US LOW	
52468L 90 6	LEGG MASON ETF INVT	CALL	
52468L 95 6	LEGG MASON ETF INVT	PUT	
52468L 50 5 *	LEGG MASON ETF INVT	FRANKLIN INTL LW	
52468L 90 5	LEGG MASON ETF INVT	CALL	
52468L 95 5	LEGG MASON ETF INVT	PUT	
52468L 78 6	LEGG MASON ETF INVT	WESTN AST SHRT	
52468L 81 0	LEGG MASON ETF INVT	WESTN ASET TTL	
52468L 87 7	LEGG MASON ETF INVT	ROYCE QUANT SML	
524682 10 1	LEGG MASON ETF INVT	CLRBRDG AL CP GW	
524682 20 0	LEGG MASON ETF INVT	CLEARBRIDEG LR	
524682 30 9	LEGG MASON ETF INVT	CLEARBRIDGE DI	
52472M 10 1 *	LEGACY HOUSING CORP	COM	
52472M 90 1	LEGACY HOUSING CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 430

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
52472M 95 1	LEGACY HOUSING CORP	PUT	
52473Y 10 4	LEGATO MERGER CORP II	COM	DELETED
52473Y 11 2	LEGATO MERGER CORP II	*W EXP 09/01/202	DELETED
52473Y 20 3	LEGATO MERGER CORP II	UNIT 09/01/2026	DELETED
52490G 10 2 *	LEGEND BIOTECH CORP	SPONSORED ADS	
52490G 90 2	LEGEND BIOTECH CORP	CALL	
52490G 95 2	LEGEND BIOTECH CORP	PUT	
525327 10 2 *	LEIDOS HOLDINGS INC	COM	
525327 90 2	LEIDOS HOLDINGS INC	CALL	
525327 95 2	LEIDOS HOLDINGS INC	PUT	
525558 20 1 *	LEMAITRE VASCULAR INC	COM	
525558 90 1	LEMAITRE VASCULAR INC	CALL	
525558 95 1	LEMAITRE VASCULAR INC	PUT	
52567D 10 7 *	LEMONADE INC	COM	
52567D 90 7	LEMONADE INC	CALL	
52567D 95 7	LEMONADE INC	PUT	
52567D 11 5	LEMONADE INC	*W EXP 02/09/202	ADDED
52603A 20 8 *	LENDINGCLUB CORP	COM NEW	
52603A 90 8	LENDINGCLUB CORP	CALL	
52603A 95 8	LENDINGCLUB CORP	PUT	
52603B AD 9	LENDINGTREE INC	NOTE 0.500% 7/1	
52603B 10 7 *	LENDINGTREE INC NEW	COM	
52603B 90 7	LENDINGTREE INC NEW	CALL	
52603B 95 7	LENDINGTREE INC NEW	PUT	
526057 10 4 *	LENNAR CORP	CL A	
526057 90 4	LENNAR CORP	CALL	
526057 95 4	LENNAR CORP	PUT	
526057 30 2	LENNAR CORP	CL B	
526107 10 7 *	LENNOX INTL INC	COM	
526107 90 7	LENNOX INTL INC	CALL	
526107 95 7	LENNOX INTL INC	PUT	
52634L 10 8 *	LENSAR INC	COM	
52634L 90 8	LENSAR INC	CALL	
52634L 95 8	LENSAR INC	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 431

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
52661A 10 8 *	LEONARDO DRS INC	COM	
52661A 90 8	LEONARDO DRS INC	CALL	
52661A 95 8	LEONARDO DRS INC	PUT	
527064 10 9 *	LESLIES INC	COM	
527064 90 9	LESLIES INC	CALL	
527064 95 9	LESLIES INC	PUT	
527289 78 9	LEUTHOLD FDS INC	CORE ETF	
52736R 10 2 *	LEVI STRAUSS & CO NEW	CL A COM STK	
52736R 90 2	LEVI STRAUSS & CO NEW	CALL	
52736R 95 2	LEVI STRAUSS & CO NEW	PUT	
52886N 11 7	LEXARIA BIOSCIENCE CORP	*W EXP 01/12/202	
52886N 40 6	LEXARIA BIOSCIENCE CORP	COM NEW	
528872 30 2 *	LEXICON PHARMACEUTICALS INC	COM NEW	
528872 90 2	LEXICON PHARMACEUTICALS INC	CALL	
528872 95 2	LEXICON PHARMACEUTICALS INC	PUT	
528877 10 3 *	LEXINFINTECH HLDGS LTD	ADR	
528877 90 3	LEXINFINTECH HLDGS LTD	CALL	
528877 95 3	LEXINFINTECH HLDGS LTD	PUT	
529043 10 1 *	LXP INDUSTRIAL TRUST	COM	
529043 90 1	LXP INDUSTRIAL TRUST	CALL	
529043 95 1	LXP INDUSTRIAL TRUST	PUT	
529043 30 9	LXP INDUSTRIAL TRUST	PFD CONV SER C	
529900 10 2	LIBERTY ALL-STAR GROWTH FD I	COM	
53000N 10 8	LIANBIO	SPONSORED ADS	
530158 10 4	LIBERTY ALL STAR EQUITY FD	SH BEN INT	
530307 10 7 *	LIBERTY BROADBAND CORP	COM SER A	
530307 90 7	LIBERTY BROADBAND CORP	CALL	
530307 95 7	LIBERTY BROADBAND CORP	PUT	
530307 30 5 *	LIBERTY BROADBAND CORP	COM SER C	
530307 90 5	LIBERTY BROADBAND CORP	CALL	
530307 95 5	LIBERTY BROADBAND CORP	PUT	
53069Q AB 5	LIBERTY LATIN AMERICA LTD	NOTE 2.000% 7/1	
530715 AG 6	LIBERTY MEDIA CORP DEL	DEB 4.000%11/1	
530715 AL 5	LIBERTY MEDIA CORP DEL	DEB 3.750% 2/1	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 432

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
53115L 10 4 *	LIBERTY ENERGY INC	COM CL A	
53115L 90 4	LIBERTY ENERGY INC	CALL	
53115L 95 4	LIBERTY ENERGY INC	PUT	
53118A 10 5	LIBERTY RES ACQUISITION CORP	CLASS A COM	
53118A 11 3	LIBERTY RES ACQUISITION CORP	*W EXP 10/31/202	
53118A 20 4	LIBERTY RES ACQUISITION CORP	UNIT 10/31/2028	
531229 AB 8	LIBERTY MEDIA CORP DEL	NOTE 1.375%10/1	
531229 AF 9	LIBERTY MEDIA CORP DEL	NOTE 1.000% 1/3	DELETED
531229 40 9 *	LIBERTY MEDIA CORP DEL	COM A SIRIUSXM	
531229 90 9	LIBERTY MEDIA CORP DEL	CALL	
531229 95 9	LIBERTY MEDIA CORP DEL	PUT	
531229 50 8	LIBERTY MEDIA CORP DEL	COM B SIRIUSXM	
531229 60 7 *	LIBERTY MEDIA CORP DEL	COM C SIRIUSXM	
531229 90 7	LIBERTY MEDIA CORP DEL	CALL	
531229 95 7	LIBERTY MEDIA CORP DEL	PUT	
531229 70 6 *	LIBERTY MEDIA CORP DEL	COM A BRAVES GRP	
531229 90 6	LIBERTY MEDIA CORP DEL	CALL	
531229 95 6	LIBERTY MEDIA CORP DEL	PUT	
531229 85 4 *	LIBERTY MEDIA CORP DEL	COM SER C FRMLA	
531229 90 4	LIBERTY MEDIA CORP DEL	CALL	
531229 95 4	LIBERTY MEDIA CORP DEL	PUT	
531229 87 0 *	LIBERTY MEDIA CORP DEL	COM SER A FRMLA	
531229 90 0	LIBERTY MEDIA CORP DEL	CALL	
531229 95 0	LIBERTY MEDIA CORP DEL	PUT	
531229 88 8 *	LIBERTY MEDIA CORP DEL	COM C BRAVES GRP	
531229 90 8	LIBERTY MEDIA CORP DEL	CALL	
531229 95 8	LIBERTY MEDIA CORP DEL	PUT	
531465 10 2 *	LIBERTY TRIPADVISOR HLDGS IN	COM SER A	
531465 90 2	LIBERTY TRIPADVISOR HLDGS IN	CALL	
531465 95 2	LIBERTY TRIPADVISOR HLDGS IN	PUT	
531465 20 1	LIBERTY TRIPADVISOR HLDGS IN	COM SER B	
53190C 10 2 *	LIFE TIME GROUP HOLDINGS INC	COMMON STOCK	
53190C 90 2	LIFE TIME GROUP HOLDINGS INC	CALL	
53190C 95 2	LIFE TIME GROUP HOLDINGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 433

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
531914 10 9	LIFEWAY FOODS INC	COM	
53216B 10 4 *	LIFEMD INC	COM	
53216B 90 4	LIFEMD INC	CALL	
53216B 95 4	LIFEMD INC	PUT	
53220K AF 5	LIGAND PHARMACEUTICALS INC	NOTE 0.750% 5/1	
53220K 50 4 *	LIGAND PHARMACEUTICALS INC	COM NEW	
53220K 90 4	LIGAND PHARMACEUTICALS INC	CALL	
53220K 95 4	LIGAND PHARMACEUTICALS INC	PUT	
53222K 20 5 *	LIFEVANTAGE CORP	COM NEW	
53222K 90 5	LIFEVANTAGE CORP	CALL	
53222K 95 5	LIFEVANTAGE CORP	PUT	
53222Q 10 3 *	LIFETIME BRANDS INC	COM	
53222Q 90 3	LIFETIME BRANDS INC	CALL	
53222Q 95 3	LIFETIME BRANDS INC	PUT	
53223X 10 7 *	LIFE STORAGE INC	COM	
53223X 90 7	LIFE STORAGE INC	CALL	
53223X 95 7	LIFE STORAGE INC	PUT	
53224K 30 2 *	LIGHTBRIDGE CORP	COM	
53224K 90 2	LIGHTBRIDGE CORP	CALL	
53224K 95 2	LIGHTBRIDGE CORP	PUT	
53225G 10 2	LIGHTINTHEBOX HLDG CO LTD	SPONSORED ADR	
532257 80 5	LIGHTPATH TECHNOLOGIES INC	COM CL A	
532275 10 4 *	LIGHTWAVE LOGIC INC	COM	
532275 90 4	LIGHTWAVE LOGIC INC	CALL	
532275 95 4	LIGHTWAVE LOGIC INC	PUT	
53228F 10 1 *	LIFESTANCE HEALTH GROUP INC	COM	
53228F 90 1	LIFESTANCE HEALTH GROUP INC	CALL	
53228F 95 1	LIFESTANCE HEALTH GROUP INC	PUT	
53228M 10 6	LIGHTJUMP ACQUISITION CORP	COM	DELETED
53228M 11 4	LIGHTJUMP ACQUISITION CORP	*W EXP 01/12/202	DELETED
53228M 20 5	LIGHTJUMP ACQUISITION CORP	UNIT 01/06/2026	DELETED
53228T 10 1 *	LIGHTNING EMOTORS INC	COM	
53228T 90 1	LIGHTNING EMOTORS INC	CALL	
53228T 95 1	LIGHTNING EMOTORS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 434

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
53228T 11 9	LIGHTNING EMOTORS INC	*W EXP 05/18/202	
53229C 10 7 *	LIGHTSPEED COMMERCE INC	SUB VTG SHS	
53229C 90 7	LIGHTSPEED COMMERCE INC	CALL	
53229C 95 7	LIGHTSPEED COMMERCE INC	PUT	
532457 10 8 *	LILLY ELI & CO	COM	
532457 90 8	LILLY ELI & CO	CALL	
532457 95 8	LILLY ELI & CO	PUT	
53261M AB 0	EDGIO INC	NOTE 3.500% 8/0	
53261M 10 4 *	EDGIO INC	COM	
53261M 90 4	EDGIO INC	CALL	
53261M 95 4	EDGIO INC	PUT	
53262L 10 5	LIMESTONE BANCORP INC	COM	
53263P 10 5 *	LIMBACH HLDGS INC	COM	
53263P 90 5	LIMBACH HLDGS INC	CALL	
53263P 95 5	LIMBACH HLDGS INC	PUT	
53272L 10 3 *	LIMINAL BIOSCIENCES INC	COM	DELETED
53272L 90 3	LIMINAL BIOSCIENCES INC	CALL	DELETED
53272L 95 3	LIMINAL BIOSCIENCES INC	PUT	DELETED
53272L 20 2 *	LIMINAL BIOSCIENCES INC	COM NEW	ADDED
53272L 90 2	LIMINAL BIOSCIENCES INC	CALL	ADDED
53272L 95 2	LIMINAL BIOSCIENCES INC	PUT	ADDED
532746 10 4 *	LIMONEIRA CO	COM	
532746 90 4	LIMONEIRA CO	CALL	
532746 95 4	LIMONEIRA CO	PUT	
533535 10 0 *	LINCOLN EDL SVCS CORP	COM	
533535 90 0	LINCOLN EDL SVCS CORP	CALL	
533535 95 0	LINCOLN EDL SVCS CORP	PUT	
533900 10 6 *	LINCOLN ELEC HLDGS INC	COM	
533900 90 6	LINCOLN ELEC HLDGS INC	CALL	
533900 95 6	LINCOLN ELEC HLDGS INC	PUT	
534187 10 9 *	LINCOLN NATL CORP IND	COM	
534187 90 9	LINCOLN NATL CORP IND	CALL	
534187 95 9	LINCOLN NATL CORP IND	PUT	
535219 10 9 *	LINDBLAD EXPEDITIONS HLDGS I	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 435

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
535219 90 9	LINDBLAD EXPEDITIONS HLDGS I	CALL	
535219 95 9	LINDBLAD EXPEDITIONS HLDGS I	PUT	
535555 10 6 *	LINDSAY CORP	COM	
535555 90 6	LINDSAY CORP	CALL	
535555 95 6	LINDSAY CORP	PUT	
53566P 10 9 *	LINEAGE CELL THERAPEUTICS IN	COM	
53566P 90 9	LINEAGE CELL THERAPEUTICS IN	CALL	
53566P 95 9	LINEAGE CELL THERAPEUTICS IN	PUT	
53578P 10 5	LINKBANCORP INC	COM	
535919 40 1 *	LIONS GATE ENTMNT CORP	CL A VTG	
535919 90 1	LIONS GATE ENTMNT CORP	CALL	
535919 95 1	LIONS GATE ENTMNT CORP	PUT	
535919 50 0 *	LIONS GATE ENTMNT CORP	CL B NON VTG	
535919 90 0	LIONS GATE ENTMNT CORP	CALL	
535919 95 0	LIONS GATE ENTMNT CORP	PUT	
53620U 10 2 *	LION GROUP HOLDING LTD	ADS	
53620U 90 2	LION GROUP HOLDING LTD	CALL	
53620U 95 2	LION GROUP HOLDING LTD	PUT	
53620U 11 0	LION GROUP HOLDING LTD	*W EXP 06/16/202	
536221 10 4 *	THE LION ELECTRIC COMPANY	COMMON STOCK	
536221 90 4	THE LION ELECTRIC COMPANY	CALL	
536221 95 4	THE LION ELECTRIC COMPANY	PUT	
536221 11 2	THE LION ELECTRIC COMPANY	*W EXP 05/06/202	
536221 12 0	THE LION ELECTRIC COMPANY	*W EXP 12/16/202	
536262 10 8	LIONHEART III CORP	CLASS A COM	DELETED
536262 11 6	LIONHEART III CORP	*W EXP 11/09/202	DELETED
536262 20 7	LIONHEART III CORP	UNIT 11/03/2026	DELETED
53630L 10 0	LIPPELLA PHARMACEUTICALS INC	COMMON STOCK	
53630X 10 4 *	LIPOCINE INC NEW	COM	
53630X 90 4	LIPOCINE INC NEW	CALL	
53630X 95 4	LIPOCINE INC NEW	PUT	
53632A 20 1 *	LIQTECH INTL INC	COM	
53632A 90 1	LIQTECH INTL INC	CALL	
53632A 95 1	LIQTECH INTL INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 436

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
53634Q 20 4 *	LIQUID MEDIA GROUP LTD NEW	COM NEW	
53634Q 90 4	LIQUID MEDIA GROUP LTD NEW	CALL	
53634Q 95 4	LIQUID MEDIA GROUP LTD NEW	PUT	
53635B 10 7 *	LIQUIDITY SVCS INC	COM	
53635B 90 7	LIQUIDITY SVCS INC	CALL	
53635B 95 7	LIQUIDITY SVCS INC	PUT	
53635D 20 2 *	LIQUIDIA CORPORATION	COM NEW	
53635D 90 2	LIQUIDIA CORPORATION	CALL	
53635D 95 2	LIQUIDIA CORPORATION	PUT	
53656F 14 4 *	LISTED FD TR	TEUCRIUM AGRI ST	
53656F 90 4	LISTED FD TR	CALL	
53656F 95 4	LISTED FD TR	PUT	
53656F 15 1	LISTED FD TR	STF TACTICAL GRW	
53656F 16 9	LISTED FD TR	STF TAC GW & INC	
53656F 17 7 *	LISTED FD TR	MERK STAGFLATION	
53656F 90 7	LISTED FD TR	CALL	
53656F 95 7	LISTED FD TR	PUT	
53656F 18 5	LISTED FD TR	MORGAN CREEK EXO	
53656F 19 3	LISTED FD TR	DIVIDEND PERFMRS	
53656F 21 9	LISTED FD TR	PREFERRED PLUS	
53656F 22 7	LISTED FD TR	RIVERNORTH PATRI	
53656F 23 5 *	LISTED FD TR	B A D ETF	
53656F 90 5	LISTED FD TR	CALL	
53656F 95 5	LISTED FD TR	PUT	
53656F 24 3	LISTED FD TR	GRIZZLE GROWTH E	
53656F 26 8	LISTED FD TR	WAHED DOW JONES	
53656F 32 6	LISTED FD TR	ALPHA LARGE CAP	
53656F 33 4	LISTED FD TR	ALPHA INTELLIGEN	
53656F 34 2 *	LISTED FD TR	ROUNDHILL MEME	
53656F 90 2	LISTED FD TR	CALL	
53656F 95 2	LISTED FD TR	PUT	
53656F 35 9 *	LISTED FD TR	ROUNDHILL IO DIG	
53656F 90 9	LISTED FD TR	CALL	
53656F 95 9	LISTED FD TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 437

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
53656F 36 7 *	LISTED FD TR	ROUNDHILL CANNAB	
53656F 90 7	LISTED FD TR	CALL	
53656F 95 7	LISTED FD TR	PUT	
53656F 38 3 *	LISTED FD TR	SPEAR ALPHA ETF	
53656F 90 3	LISTED FD TR	CALL	
53656F 95 3	LISTED FD TR	PUT	
53656F 41 7 *	LISTED FD TR	ROUNDHILL BALL	
53656F 90 7	LISTED FD TR	CALL	
53656F 95 7	LISTED FD TR	PUT	
53656F 42 5	LISTED FD TR	ALEXIS PRACTICAL	
53656F 47 4	LISTED FD TR	TRUESHARES LW VO	
53656F 57 3 *	LISTED FD TR	OVERLAY SHS SHRT	
53656F 90 3	LISTED FD TR	CALL	
53656F 95 3	LISTED FD TR	PUT	
53656F 58 1 *	LISTED FD TR	OVERLAY	
53656F 90 1	LISTED FD TR	CALL	
53656F 95 1	LISTED FD TR	PUT	
53656F 59 9	LISTED FD TR	SWAN HEDGED EQTY	
53656F 60 7	LISTED FD TR	WAHED FTSE ETF	
53656F 62 3 *	LISTED FD TR	HORIZON KINETICS	
53656F 90 3	LISTED FD TR	CALL	
53656F 95 3	LISTED FD TR	PUT	
53656F 63 1	LISTED FD TR	CHANGEBRIDGE SEL	
53656F 64 9	LISTED FD TR	CHANGEBRIDGE LNG	
53656F 66 4	LISTED FD TR	TRUESHARES STRCT	
53656F 67 2	LISTED FD TR	TRUESHARES DEC	
53656F 68 0	LISTED FD TR	TRUESHARES NOV	
53656F 69 8	LISTED FD TR	TRUESHARES OCT	
53656F 70 6 *	LISTED FD TR	ROUNDHILL VIDEO	
53656F 90 6	LISTED FD TR	CALL	
53656F 95 6	LISTED FD TR	PUT	
53656F 71 4	LISTED FD TR	TRUESHARES STRUC	
53656F 72 2	LISTED FD TR	TRUESHARES STRUC	
53656F 73 0	LISTED FD TR	TRUESHARES STRUC	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 438

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
53656F 74 8	LISTED FD TR	TRUESHARES STRUC	
53656F 75 5	LISTED FD TR	TRUESHARES STRUC	
53656F 76 3	LISTED FD TR	TRUESHARES STRCD	
53656F 77 1	LISTED FD TR	TRUESHARES STRUC	
53656F 78 9 *	LISTED FD TR	ROUNDHILL SPORTS	
53656F 90 9	LISTED FD TR	CALL	
53656F 95 9	LISTED FD TR	PUT	
53656F 79 7	LISTED FD TR	TRUESHARES STRUC	
53656F 80 5	LISTED FD TR	SHARES LAG CAP	
53656F 81 3	LISTED FD TR	TRUESHS ESG ACTV	
53656F 82 1 *	LISTED FD TR	TRUESHS TECH AI	
53656F 90 1	LISTED FD TR	CALL	
53656F 95 1	LISTED FD TR	PUT	
53656F 84 7 *	LISTED FD TR	CORE ALT FD	
53656F 90 7	LISTED FD TR	CALL	
53656F 95 7	LISTED FD TR	PUT	
53656F 85 4	LISTED FD TR	SHARES MUNI DB	
53656F 86 2	LISTED FD TR	SHARES CORE BD	
53656F 87 0	LISTED FD TR	SHARES FOREIGN	
53656F 88 8	LISTED FD TR	SHARES SML CAP	
53656G 10 0	LISTED FD TR	RIVERNRT ENH PRE	
53656G 20 9	LISTED FD TR	HORZN KINTCS BL	
53656G 46 4 *	LISTED FD TR	ROUNDHILL BIG BK	ADDED
53656G 90 4	LISTED FD TR	CALL	ADDED
53656G 95 4	LISTED FD TR	PUT	ADDED
53656G 51 4	LISTED FD TR	HORIZON KINETICS	ADDED
53656G 52 2	LISTED FD TR	TEUCRIUM AIL LNG	
53656G 55 5	LISTED FD TR	HORZN KNTCS SPAC	ADDED
53656G 56 3	LISTED FD TR	HORIZON KINETICS	ADDED
53656G 57 1	LISTED FD TR	TRUESHARES EAGLE	
536797 10 3 *	LITHIA MTRS INC	COM	
536797 90 3	LITHIA MTRS INC	CALL	
536797 95 3	LITHIA MTRS INC	PUT	
53680Q AA 6	LITHIUM AMERS CORP NEW	NOTE 1.750% 1/1	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 439

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
53680Q 20 7 *	LITHIUM AMERS CORP NEW	COM NEW	
53680Q 90 7	LITHIUM AMERS CORP NEW	CALL	
53680Q 95 7	LITHIUM AMERS CORP NEW	PUT	
53700T 79 3	LITMAN GREGORY FDS TR	IMGP RBA RESPONS	
53700T 82 7 *	LITMAN GREGORY FDS TR	IMGP DBI MANAGED	
53700T 90 7	LITMAN GREGORY FDS TR	CALL	
53700T 95 7	LITMAN GREGORY FDS TR	PUT	
53700T 83 5	LITMAN GREGORY FDS TR	IMGP DBI HEDGE S	
537008 10 4 *	LITTELFUSE INC	COM	
537008 90 4	LITTELFUSE INC	CALL	
537008 95 4	LITTELFUSE INC	PUT	
53803X 10 5 *	LIVE OAK BANCSHARES INC	COM	
53803X 90 5	LIVE OAK BANCSHARES INC	CALL	
53803X 95 5	LIVE OAK BANCSHARES INC	PUT	
538034 AQ 2	LIVE NATION ENTERTAINMENT IN	NOTE 2.500% 3/1	DELETED
538034 AU 3	LIVE NATION ENTERTAINMENT IN	NOTE 2.000% 2/1	
538034 10 9 *	LIVE NATION ENTERTAINMENT IN	COM	
538034 90 9	LIVE NATION ENTERTAINMENT IN	CALL	
538034 95 9	LIVE NATION ENTERTAINMENT IN	PUT	
538086 10 9	LIVE OAK CRESTVIEW CLIMATE A	CL A COM	
538086 11 7	LIVE OAK CRESTVIEW CLIMATE A	*W EXP 09/27/202	
538086 20 8	LIVE OAK CRESTVIEW CLIMATE A	UNIT 99/99/9999	
538126 10 3	LIVE OAK MOBILITY ACQUISI CO	COM CL A	DELETED
538126 11 1	LIVE OAK MOBILITY ACQUISI CO	*W EXP 03/04/202	DELETED
538126 20 2	LIVE OAK MOBILITY ACQUISI CO	UNIT 03/01/2028	DELETED
53814L AB 4	LIVENT CORP	NOTE 4.125% 7/1	
53814L 10 8 *	LIVENT CORP	COM	
53814L 90 8	LIVENT CORP	CALL	
53814L 95 8	LIVENT CORP	PUT	
53814X 10 2 *	LIVEONE INC	COM	
53814X 90 2	LIVEONE INC	CALL	
53814X 95 2	LIVEONE INC	PUT	
538142 30 8	LIVE VENTURES INC	COM NEW	
538146 AB 7	LIVEPERSON INC	NOTE 0.750% 3/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 440

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
538146 AD 3	LIVEPERSON INC	NOTE 12/1	
538146 10 1 *	LIVEPERSON INC	COM	
538146 90 1	LIVEPERSON INC	CALL	
538146 95 1	LIVEPERSON INC	PUT	
53815P 10 8 *	LIVERAMP HLDGS INC	COM	
53815P 90 8	LIVERAMP HLDGS INC	CALL	
53815P 95 8	LIVERAMP HLDGS INC	PUT	
53838J 10 5 *	LIVEWIRE GROUP INC	COM	
53838J 90 5	LIVEWIRE GROUP INC	CALL	
53838J 95 5	LIVEWIRE GROUP INC	PUT	
53838J 11 3	LIVEWIRE GROUP INC	*W EXP 09/26/202	
53838L 10 0 *	LIVEVOX HOLDING INC	COM CL A	
53838L 90 0	LIVEVOX HOLDING INC	CALL	
53838L 95 0	LIVEVOX HOLDING INC	PUT	
53838L 11 8	LIVEVOX HOLDING INC	*W EXP 06/18/202	
53838L 20 9	LIVEVOX HOLDING INC	UNIT 03/08/2024	
539183 AA 1	LIVONGO HEALTH INC	NOTE 0.875% 6/0	
539319 11 1	LIXTE BIOTECHNOLOGY HLDGS IN	*W EXP 11/30/202	
539319 20 2	LIXTE BIOTECHNOLOGY HLDGS IN	COM	
53933L 10 4 *	LIZHI INC	ADS	
53933L 90 4	LIZHI INC	CALL	
53933L 95 4	LIZHI INC	PUT	
53934A 11 5	LIXIANG ED HLDG CO LTD	SPON ADS	
539439 10 9 *	LLOYDS BANKING GROUP PLC	SPONSORED ADR	
539439 90 9	LLOYDS BANKING GROUP PLC	CALL	
539439 95 9	LLOYDS BANKING GROUP PLC	PUT	
53946R 10 6 *	LOANDEPOT INC	COM CL A	
53946R 90 6	LOANDEPOT INC	CALL	
53946R 95 6	LOANDEPOT INC	PUT	
53960E 10 6 *	LOCAL BOUNTI CORP	COMMON STOCK	
53960E 90 6	LOCAL BOUNTI CORP	CALL	
53960E 95 6	LOCAL BOUNTI CORP	PUT	
53960E 11 4	LOCAL BOUNTI CORP	*W EXP 99/99/999	
539830 10 9 *	LOCKHEED MARTIN CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 441

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
539830 90 9	LOCKHEED MARTIN CORP	CALL	
539830 95 9	LOCKHEED MARTIN CORP	PUT	
540424 10 8 *	LOEWS CORP	COM	
540424 90 8	LOEWS CORP	CALL	
540424 95 8	LOEWS CORP	PUT	
541098 10 9	LOGAN RIDGE FINANCE CORP	COM	
54141L 10 0	LOGISTICS INNOVTN TECHNLS C	CLASS A COM	
54141L 11 8	LOGISTICS INNOVTN TECHNLS C	*W EXP 06/15/202	
54141L 20 9	LOGISTICS INNOVTN TECHNLS C	UNIT 06/10/2026	
54150E 10 4 *	LOMA NEGRA C I A S A MTN 14	SPONSORED ADS	
54150E 90 4	LOMA NEGRA C I A S A MTN 14	CALL	
54150E 95 4	LOMA NEGRA C I A S A MTN 14	PUT	
54300N 10 3	LONGBOARD PHARMACEUTICALS IN	COM	
54303L 10 4	LONGEVERON INC	COM	
543518 10 4 *	LOOP INDS INC	COM	
543518 90 4	LOOP INDS INC	CALL	
543518 95 4	LOOP INDS INC	PUT	
54352F 20 6	LOOP MEDIA INC	COM NEW	
54405Q 10 0 *	LORDSTOWN MOTORS CORP	COM CL A	
54405Q 90 0	LORDSTOWN MOTORS CORP	CALL	
54405Q 95 0	LORDSTOWN MOTORS CORP	PUT	
54570M 10 8 *	LOTTERY COM INC	COM	
54570M 90 8	LOTTERY COM INC	CALL	
54570M 95 8	LOTTERY COM INC	PUT	
54570M 11 6	LOTTERY COM INC	*W EXP 10/15/202	
546347 10 5 *	LOUISIANA PAC CORP	COM	
546347 90 5	LOUISIANA PAC CORP	CALL	
546347 95 5	LOUISIANA PAC CORP	PUT	
54738L 10 9 *	LOVESAC COMPANY	COM	
54738L 90 9	LOVESAC COMPANY	CALL	
54738L 95 9	LOVESAC COMPANY	PUT	
548661 10 7 *	LOWES COS INC	COM	
548661 90 7	LOWES COS INC	CALL	
548661 95 7	LOWES COS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 442

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
54911Q 10 7 *	LOYALTY VENTURES INC	COMMON STOCK	DELETED
54911Q 90 7	LOYALTY VENTURES INC	CALL	DELETED
54911Q 95 7	LOYALTY VENTURES INC	PUT	DELETED
54948U 10 5 *	LUCIRA HEALTH INC	COM	DELETED
54948U 90 5	LUCIRA HEALTH INC	CALL	DELETED
54948U 95 5	LUCIRA HEALTH INC	PUT	DELETED
54948X 10 9	LUCID DIAGNOSTICS INC	COM	
549498 10 3 *	LUCID GROUP INC	COM	
549498 90 3	LUCID GROUP INC	CALL	
549498 95 3	LUCID GROUP INC	PUT	
54960E 10 4	LUCY SCIENTIFIC DISCOVERY IN	COM	ADDED
54975P 10 2 *	LUFAX HOLDING LTD	ADS REP SHS CL A	
54975P 90 2	LUFAX HOLDING LTD	CALL	
54975P 95 2	LUFAX HOLDING LTD	PUT	
550021 10 9 *	LULULEMON ATHLETICA INC	COM	
550021 90 9	LULULEMON ATHLETICA INC	CALL	
550021 95 9	LULULEMON ATHLETICA INC	PUT	
55003A 10 8 *	LULUS FASHION LOUNGE HOLDING	COM	
55003A 90 8	LULUS FASHION LOUNGE HOLDING	CALL	
55003A 95 8	LULUS FASHION LOUNGE HOLDING	PUT	
55003T 10 7 *	LL FLOORING HOLDINGS INC	COM	
55003T 90 7	LL FLOORING HOLDINGS INC	CALL	
55003T 95 7	LL FLOORING HOLDINGS INC	PUT	
55024U AB 5	LUMENTUM HLDGS INC	NOTE 0.250% 3/1	
55024U AD 1	LUMENTUM HLDGS INC	NOTE 0.500%12/1	
55024U AF 6	LUMENTUM HLDGS INC	NOTE 0.500% 6/1	ADDED
55024U 10 9 *	LUMENTUM HLDGS INC	COM	
55024U 90 9	LUMENTUM HLDGS INC	CALL	
55024U 95 9	LUMENTUM HLDGS INC	PUT	
550241 10 3 *	LUMEN TECHNOLOGIES INC	COM	
550241 90 3	LUMEN TECHNOLOGIES INC	CALL	
550241 95 3	LUMEN TECHNOLOGIES INC	PUT	
55025L 10 8	LUMENT FINANCE TRUST INC	COM	
55028X 10 9	LUMOS PHARMA INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 443

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
550351 10 0 *	LUNA INNOVATIONS INC	COM	
550351 90 0	LUNA INNOVATIONS INC	CALL	
550351 95 0	LUNA INNOVATIONS INC	PUT	
550424 10 5 *	LUMINAR TECHNOLOGIES INC	COM CL A	
550424 90 5	LUMINAR TECHNOLOGIES INC	CALL	
550424 95 5	LUMINAR TECHNOLOGIES INC	PUT	
550550 10 7 *	LUTHER BURBANK CORP	COM	
550550 90 7	LUTHER BURBANK CORP	CALL	
550550 95 7	LUTHER BURBANK CORP	PUT	
55083R 10 4 *	LYELL IMMUNOPHARMA INC	COM	
55083R 90 4	LYELL IMMUNOPHARMA INC	CALL	
55083R 95 4	LYELL IMMUNOPHARMA INC	PUT	
55087P AB 0	LYFT INC	NOTE 1.500% 5/1	
55087P 10 4 *	LYFT INC	CL A COM	
55087P 90 4	LYFT INC	CALL	
55087P 95 4	LYFT INC	PUT	
55234L 10 5 *	LYRA THERAPEUTICS INC	COM	
55234L 90 5	LYRA THERAPEUTICS INC	CALL	
55234L 95 5	LYRA THERAPEUTICS INC	PUT	
55261F 10 4 *	M & T BK CORP	COM	
55261F 90 4	M & T BK CORP	CALL	
55261F 95 4	M & T BK CORP	PUT	
55262C 10 0 *	MBIA INC	COM	
55262C 90 0	MBIA INC	CALL	
55262C 95 0	MBIA INC	PUT	
552641 10 2	MAIA BIOTECHNOLOGY INC	COM	
552676 10 8 *	M D C HLDGS INC	COM	
552676 90 8	M D C HLDGS INC	CALL	
552676 95 8	M D C HLDGS INC	PUT	
552690 10 9 *	MDU RES GROUP INC	COM	
552690 90 9	MDU RES GROUP INC	CALL	
552690 95 9	MDU RES GROUP INC	PUT	
55272X AA 0	MFA FINL INC	NOTE 6.250% 6/1	
55272X 60 7 *	MFA FINL INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 444

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
55272X 90 7	MFA FINL INC	CALL	
55272X 95 7	MFA FINL INC	PUT	
552727 10 9	MFS CHARTER INCOME TR	SH BEN INT	
55273C 10 7	MFS INTER INCOME TR	SH BEN INT	
552737 10 8	MFS MULTIMARKET INCOME TR	SH BEN INT	
552738 10 6	MFS MUN INCOME TR	SH BEN INT	
55274E 10 2	MFS SPL VALUE TR	SH BEN INT	
55277P 10 4 *	MGE ENERGY INC	COM	
55277P 90 4	MGE ENERGY INC	CALL	
55277P 95 4	MGE ENERGY INC	PUT	
55279B 20 2 *	MEI PHARMA INC	COM NEW	
55279B 90 2	MEI PHARMA INC	CALL	
55279B 95 2	MEI PHARMA INC	PUT	
552848 10 3 *	MGIC INVT CORP WIS	COM	
552848 90 3	MGIC INVT CORP WIS	CALL	
552848 95 3	MGIC INVT CORP WIS	PUT	
552939 10 0	MFS GOVT MKTS INCOME TR	SH BEN INT	
552953 10 1 *	MGM RESORTS INTERNATIONAL	COM	
552953 90 1	MGM RESORTS INTERNATIONAL	CALL	
552953 95 1	MGM RESORTS INTERNATIONAL	PUT	
55303J AB 2	MGP INGREDIENTS INC NEW	NOTE 1.875%11/1	
55303J 10 6 *	MGP INGREDIENTS INC NEW	COM	
55303J 90 6	MGP INGREDIENTS INC NEW	CALL	
55303J 95 6	MGP INGREDIENTS INC NEW	PUT	
55305B 10 1 *	M/I HOMES INC	COM	
55305B 90 1	M/I HOMES INC	CALL	
55305B 95 1	M/I HOMES INC	PUT	
55306N 10 4 *	MKS INSTRS INC	COM	
55306N 90 4	MKS INSTRS INC	CALL	
55306N 95 4	MKS INSTRS INC	PUT	
55317F 10 8	MGO GLOBAL INC	COM	ADDED
55328R 10 9	TINGO GROUP INC	COM	
55336V 10 0 *	MPLX LP	COM UNIT REP LTD	
55336V 90 0	MPLX LP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 445

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
55336V 95 0	MPLX LP	PUT	
553368 10 1 *	MP MATERIALS CORP	COM CL A	
553368 90 1	MP MATERIALS CORP	CALL	
553368 95 1	MP MATERIALS CORP	PUT	
55345K 10 3 *	MRC GLOBAL INC	COM	
55345K 90 3	MRC GLOBAL INC	CALL	
55345K 95 3	MRC GLOBAL INC	PUT	
553498 10 6 *	MSA SAFETY INC	COM	
553498 90 6	MSA SAFETY INC	CALL	
553498 95 6	MSA SAFETY INC	PUT	
553530 10 6 *	MSC INDL DIRECT INC	CL A	
553530 90 6	MSC INDL DIRECT INC	CALL	
553530 95 6	MSC INDL DIRECT INC	PUT	
55354G 10 0 *	MSCI INC	COM	
55354G 90 0	MSCI INC	CALL	
55354G 95 0	MSCI INC	PUT	
553745 10 0	MSP RECOVERY INC	COM CL A	
553745 11 8	MSP RECOVERY INC	*W EXP 05/23/202	
553745 12 6	MSP RECOVERY INC	*W EXP 05/20/202	
55380K 10 9	M-TRON INDS INC	COM	
553800 10 3	M3 BRIGADE ACQUISITION II CO	COM CL A	
553800 11 1	M3 BRIGADE ACQUISITION II CO	*W EXP 03/09/202	
553800 20 2	M3 BRIGADE ACQUISITION II CO	UNIT 99/99/9999	
553810 10 2 *	MVB FINL CORP	COM	
553810 90 2	MVB FINL CORP	CALL	
553810 95 2	MVB FINL CORP	PUT	
553859 10 9 *	MV OIL TR	TR UNITS	
553859 90 9	MV OIL TR	CALL	
553859 95 9	MV OIL TR	PUT	
55405W 10 4 *	MYR GROUP INC DEL	COM	
55405W 90 4	MYR GROUP INC DEL	CALL	
55405W 95 4	MYR GROUP INC DEL	PUT	
55405Y AB 6	MACOM TECH SOLUTIONS HLDGS I	NOTE 0.250% 3/1	
55405Y 10 0 *	MACOM TECH SOLUTIONS HLDGS I	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 446

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
55405Y 90 0	MACOM TECH SOLUTIONS HLDGS I	CALL	
55405Y 95 0	MACOM TECH SOLUTIONS HLDGS I	PUT	
55406W 10 3 *	MYT NETHERLANDS PARENT B V	ADS	
55406W 90 3	MYT NETHERLANDS PARENT B V	CALL	
55406W 95 3	MYT NETHERLANDS PARENT B V	PUT	
55407R 10 3	M3 BRIGADE ACQUISITION III	CL A COM	
55407R 11 1	M3 BRIGADE ACQUISITION III	*W EXP 07/31/202	
55407R 20 2	M3 BRIGADE ACQUISITION III	UNIT 99/99/9999	
554225 10 2 *	MACATAWA BK CORP	COM	
554225 90 2	MACATAWA BK CORP	CALL	
554225 95 2	MACATAWA BK CORP	PUT	
554382 10 1 *	MACERICH CO	COM	
554382 90 1	MACERICH CO	CALL	
554382 95 1	MACERICH CO	PUT	
554489 10 4 *	VERIS RESIDENTIAL INC	COM	
554489 90 4	VERIS RESIDENTIAL INC	CALL	
554489 95 4	VERIS RESIDENTIAL INC	PUT	
55607W 10 0	MACQUARIE / FIRST TR GLOBAL	COM	
55608D 10 1	MACQUARIE GLOBAL INFRASTRUCT	COM	DELETED
556099 10 9 *	MACROGENICS INC	COM	
556099 90 9	MACROGENICS INC	CALL	
556099 95 9	MACROGENICS INC	PUT	
55616P 10 4 *	MACYS INC	COM	
55616P 90 4	MACYS INC	CALL	
55616P 95 4	MACYS INC	PUT	
556269 10 8 *	MADDEN STEVEN LTD	COM	
556269 90 8	MADDEN STEVEN LTD	CALL	
556269 95 8	MADDEN STEVEN LTD	PUT	
557437 10 0	MADISON COVERED CALL & EQUIT	COM	
55825T 10 3 *	MADISON SQUARE GRDN SPRT COR	CL A	
55825T 90 3	MADISON SQUARE GRDN SPRT COR	CALL	
55825T 95 3	MADISON SQUARE GRDN SPRT COR	PUT	
55826T 10 2 *	MADISON SQUARE GRDN ENTERTNM	CL A	
55826T 90 2	MADISON SQUARE GRDN ENTERTNM	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 447

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
55826T 95 2	MADISON SQUARE GRDN ENTERTNM	PUT	
558868 10 5 *	MADRIGAL PHARMACEUTICALS INC	COM	
558868 90 5	MADRIGAL PHARMACEUTICALS INC	CALL	
558868 95 5	MADRIGAL PHARMACEUTICALS INC	PUT	
55903Q 10 4 *	MAG SILVER CORP	COM	
55903Q 90 4	MAG SILVER CORP	CALL	
55903Q 95 4	MAG SILVER CORP	PUT	
559080 10 6 *	MAGELLAN MIDSTREAM PRTNRS LP	COM UNIT RP LP	
559080 90 6	MAGELLAN MIDSTREAM PRTNRS LP	CALL	
559080 95 6	MAGELLAN MIDSTREAM PRTNRS LP	PUT	
55910K 10 8 *	MAGENTA THERAPEUTICS INC	COM	
55910K 90 8	MAGENTA THERAPEUTICS INC	CALL	
55910K 95 8	MAGENTA THERAPEUTICS INC	PUT	
559166 10 3 *	MAGIC SOFTWARE ENTERPRISES L	ORD	
559166 90 3	MAGIC SOFTWARE ENTERPRISES L	CALL	
559166 95 3	MAGIC SOFTWARE ENTERPRISES L	PUT	
559222 40 1 *	MAGNA INTL INC	COM	
559222 90 1	MAGNA INTL INC	CALL	
559222 95 1	MAGNA INTL INC	PUT	
55933J 20 3 *	MAGNACHIP SEMICONDUCTOR CORP	COM	
55933J 90 3	MAGNACHIP SEMICONDUCTOR CORP	CALL	
55933J 95 3	MAGNACHIP SEMICONDUCTOR CORP	PUT	
55955D AB 6	MAGNITE INC	NOTE 0.250% 3/1	
55955D 10 0 *	MAGNITE INC	COM	
55955D 90 0	MAGNITE INC	CALL	
55955D 95 0	MAGNITE INC	PUT	
559663 10 9 *	MAGNOLIA OIL & GAS CORP	CL A	
559663 90 9	MAGNOLIA OIL & GAS CORP	CALL	
559663 95 9	MAGNOLIA OIL & GAS CORP	PUT	
55977T 20 8	MAGYAR BANCORP INC	COM	
56035L 10 4 *	MAIN STR CAP CORP	COM	
56035L 90 4	MAIN STR CAP CORP	CALL	
56035L 95 4	MAIN STR CAP CORP	PUT	
56064K 10 0	MAINSTAY MACKAY DEFINEDTERM	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 448

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
56064Q 10 7	MAINSTAY CBRE GBL INFRSTR ME	COM	
56064Y 10 0	MAINSTREET BANCSHARES INC	COM	
56087F AB 0	MAKEMYTRIP LIMITED MAURITIUS	NOTE 2/1	
56117J 10 0 *	MALIBU BOATS INC	COM CL A	
56117J 90 0	MALIBU BOATS INC	CALL	
56117J 95 0	MALIBU BOATS INC	PUT	
561409 10 3	MALVERN BANCORP INC	COM	
56146T 10 3	MAMAMANCINI S HLDGS INC	COM	
56155L 10 8 *	MAMMOTH ENERGY SVCS INC	COM	
56155L 90 8	MAMMOTH ENERGY SVCS INC	CALL	
56155L 95 8	MAMMOTH ENERGY SVCS INC	PUT	
56167N 26 6	MANAGED PORTFOLIO SERIES	V SHS MSCI WRLD	
56167N 42 3	MANAGED PORTFOLIO SERIES	V SHARES US DIV	
56167N 72 0 *	MANAGED PORTFOLIO SERIES	TORTOISE NRAM PI	
56167N 90 0	MANAGED PORTFOLIO SERIES	CALL	
56167N 95 0	MANAGED PORTFOLIO SERIES	PUT	
56167N 75 3 *	MANAGED PORTFOLIO SERIES	ECOFIN GBL WATER	
56167N 90 3	MANAGED PORTFOLIO SERIES	CALL	
56167N 95 3	MANAGED PORTFOLIO SERIES	PUT	
56270V 10 6	MANGOCEUTICALS INC	COM	ADDED
562750 10 9 *	MANHATTAN ASSOCIATES INC	COM	
562750 90 9	MANHATTAN ASSOCIATES INC	CALL	
562750 95 9	MANHATTAN ASSOCIATES INC	PUT	
562803 10 6 *	MANHATTAN BRDG CAP INC	COM	
562803 90 6	MANHATTAN BRDG CAP INC	CALL	
562803 95 6	MANHATTAN BRDG CAP INC	PUT	
563420 10 8 *	MANITEX INTL INC	COM	
563420 90 8	MANITEX INTL INC	CALL	
563420 95 8	MANITEX INTL INC	PUT	
563571 40 5 *	MANITOWOC CO INC	COM NEW	
563571 90 5	MANITOWOC CO INC	CALL	
563571 95 5	MANITOWOC CO INC	PUT	
563771 20 3	MANNATECH INC	COM NEW	
56400P AQ 5	MANNKIND CORP	NOTE 2.500% 3/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 449

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
56400P 70 6 *	MANNKIND CORP	COM NEW	
56400P 90 6	MANNKIND CORP	CALL	
56400P 95 6	MANNKIND CORP	PUT	
56418H 10 0 *	MANPOWERGROUP INC WIS	COM	
56418H 90 0	MANPOWERGROUP INC WIS	CALL	
56418H 95 0	MANPOWERGROUP INC WIS	PUT	
56501R 10 6 *	MANULIFE FINL CORP	COM	
56501R 90 6	MANULIFE FINL CORP	CALL	
56501R 95 6	MANULIFE FINL CORP	PUT	
56564V 10 1	MAQUIA CAPITAL ACQUISITION C	CLASS A COM	
56564V 11 9	MAQUIA CAPITAL ACQUISITION C	*W EXP 05/05/202	
56564V 20 0	MAQUIA CAPITAL ACQUISITION C	UNIT 99/99/9999	
565788 AB 2	MARATHON DIGITAL HOLDINGS IN	NOTE 1.000%12/0	
565788 10 6 *	MARATHON DIGITAL HOLDINGS IN	COM	
565788 90 6	MARATHON DIGITAL HOLDINGS IN	CALL	
565788 95 6	MARATHON DIGITAL HOLDINGS IN	PUT	
565849 10 6 *	MARATHON OIL CORP	COM	
565849 90 6	MARATHON OIL CORP	CALL	
565849 95 6	MARATHON OIL CORP	PUT	
56585A 10 2 *	MARATHON PETE CORP	COM	
56585A 90 2	MARATHON PETE CORP	CALL	
56585A 95 2	MARATHON PETE CORP	PUT	
56600D 10 7 *	MARAVAI LIFESCIENCES HLDGS I	COM CL A	
56600D 90 7	MARAVAI LIFESCIENCES HLDGS I	CALL	
56600D 95 7	MARAVAI LIFESCIENCES HLDGS I	PUT	
56608A 10 5	MARBLEGATE ACQUISITION CORP	COM CL A	
56608A 11 3	MARBLEGATE ACQUISITION CORP	*W EXP 08/31/202	
56608A 20 4	MARBLEGATE ACQUISITION CORP	UNIT 08/31/2028	
56624R 10 8 *	MARCHEX INC	CL B	
56624R 90 8	MARCHEX INC	CALL	
56624R 95 8	MARCHEX INC	PUT	
566324 10 9 *	MARCUS & MILLICHAP INC	COM	
566324 90 9	MARCUS & MILLICHAP INC	CALL	
566324 95 9	MARCUS & MILLICHAP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 450

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
566330 10 6 *	MARCUS CORP DEL	COM	
566330 90 6	MARCUS CORP DEL	CALL	
566330 95 6	MARCUS CORP DEL	PUT	
567908 10 8 *	MARINEMAX INC	COM	
567908 90 8	MARINEMAX INC	CALL	
567908 95 8	MARINEMAX INC	PUT	
56804T 20 5 *	MARIN SOFTWARE INC	COM NEW	
56804T 90 5	MARIN SOFTWARE INC	CALL	
56804T 95 5	MARIN SOFTWARE INC	PUT	
568423 10 7	MARINE PETE TR	UNIT BEN INT	
568427 10 8 *	MARINE PRODS CORP	COM	
568427 90 8	MARINE PRODS CORP	CALL	
568427 95 8	MARINE PRODS CORP	PUT	
56854Q 20 0 *	MARINUS PHARMACEUTICALS INC	COM NEW	
56854Q 90 0	MARINUS PHARMACEUTICALS INC	CALL	
56854Q 95 0	MARINUS PHARMACEUTICALS INC	PUT	
570535 10 4 *	MARKEL CORP	COM	
570535 90 4	MARKEL CORP	CALL	
570535 95 4	MARKEL CORP	PUT	
57055L 10 7 *	MARKER THERAPEUTICS INC	COM	DELETED
57055L 90 7	MARKER THERAPEUTICS INC	CALL	DELETED
57055L 95 7	MARKER THERAPEUTICS INC	PUT	DELETED
57055L 20 6 *	MARKER THERAPEUTICS INC	COM NEW	ADDED
57055L 90 6	MARKER THERAPEUTICS INC	CALL	ADDED
57055L 95 6	MARKER THERAPEUTICS INC	PUT	ADDED
57060D 10 8 *	MARKETAXESS HLDGS INC	COM	
57060D 90 8	MARKETAXESS HLDGS INC	CALL	
57060D 95 8	MARKETAXESS HLDGS INC	PUT	
57064N 10 2 *	MARKFORGED HOLDING CORPORATI	COM	
57064N 90 2	MARKFORGED HOLDING CORPORATI	CALL	
57064N 95 2	MARKFORGED HOLDING CORPORATI	PUT	
57064N 11 0	MARKFORGED HOLDING CORPORATI	*W EXP 07/14/202	
57064P 10 7 *	MARKETWISE INC	COM CL A	
57064P 90 7	MARKETWISE INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 451

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
57064P 95 7	MARKETWISE INC	PUT	
571354 10 9 *	MARPAI INC	CL A COM	
571354 90 9	MARPAI INC	CALL	
571354 95 9	MARPAI INC	PUT	
57142B 10 4 *	MARQETA INC	CLASS A COM	
57142B 90 4	MARQETA INC	CALL	
57142B 95 4	MARQETA INC	PUT	
57164Y AD 9	MARRIOTT VACATIONS WORLDWIDE	NOTE	1/1
57164Y 10 7 *	MARRIOTT VACATIONS WORLDWIDE	COM	
57164Y 90 7	MARRIOTT VACATIONS WORLDWIDE	CALL	
57164Y 95 7	MARRIOTT VACATIONS WORLDWIDE	PUT	
571748 10 2 *	MARSH & MCLENNAN COS INC	COM	
571748 90 2	MARSH & MCLENNAN COS INC	CALL	
571748 95 2	MARSH & MCLENNAN COS INC	PUT	
571903 20 2 *	MARRIOTT INTL INC NEW	CL A	
571903 90 2	MARRIOTT INTL INC NEW	CALL	
571903 95 2	MARRIOTT INTL INC NEW	PUT	
573075 10 8 *	MARTEN TRANS LTD	COM	
573075 90 8	MARTEN TRANS LTD	CALL	
573075 95 8	MARTEN TRANS LTD	PUT	
573284 10 6 *	MARTIN MARIETTA MATLS INC	COM	
573284 90 6	MARTIN MARIETTA MATLS INC	CALL	
573284 95 6	MARTIN MARIETTA MATLS INC	PUT	
573331 10 5 *	MARTIN MIDSTREAM PRTNRS L P	UNIT L P INT	
573331 90 5	MARTIN MIDSTREAM PRTNRS L P	CALL	
573331 95 5	MARTIN MIDSTREAM PRTNRS L P	PUT	
573874 10 4 *	MARVELL TECHNOLOGY INC	COM	
573874 90 4	MARVELL TECHNOLOGY INC	CALL	
573874 95 4	MARVELL TECHNOLOGY INC	PUT	
57403M 10 4	THE MARYGOLD COMPANIES INC	COM	
574599 10 6 *	MASCO CORP	COM	
574599 90 6	MASCO CORP	CALL	
574599 95 6	MASCO CORP	PUT	
574795 10 0 *	MASIMO CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 452

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
574795 90 0	MASIMO CORP	CALL	
574795 95 0	MASIMO CORP	PUT	
57520Y 10 6	MASON INDUSTRIAL TECHNOLOGY I	COM CL A	DELETED
57520Y 20 5	MASON INDUSTRIAL TECHNOLOGY I	UNIT 99/99/9999	DELETED
575385 10 9 *	MASONITE INTL CORP	COM	
575385 90 9	MASONITE INTL CORP	CALL	
575385 95 9	MASONITE INTL CORP	PUT	
57630J 30 4	GREENWAVE TECHNOLOGY SOLUTIO	COM NEW	
576323 10 9 *	MASTEC INC	COM	
576323 90 9	MASTEC INC	CALL	
576323 95 9	MASTEC INC	PUT	
57633B 10 0	MASTECH DIGITAL INC	COM	
57636Q 10 4 *	MASTERCARD INCORPORATED	CL A	
57636Q 90 4	MASTERCARD INCORPORATED	CALL	
57636Q 95 4	MASTERCARD INCORPORATED	PUT	
57637H 10 3 *	MASTERCRAFT BOAT HLDGS INC	COM	
57637H 90 3	MASTERCRAFT BOAT HLDGS INC	CALL	
57637H 95 3	MASTERCRAFT BOAT HLDGS INC	PUT	
57638P 10 4 *	MASTERBRAND INC	COMMON STOCK	
57638P 90 4	MASTERBRAND INC	CALL	
57638P 95 4	MASTERBRAND INC	PUT	
576485 20 5 *	MATADOR RES CO	COM	
576485 90 5	MATADOR RES CO	CALL	
576485 95 5	MATADOR RES CO	PUT	
57667L 10 7 *	MATCH GROUP INC NEW	COM	
57667L 90 7	MATCH GROUP INC NEW	CALL	
57667L 95 7	MATCH GROUP INC NEW	PUT	
57667T 10 0 *	MATERIALISE NV	SPONSORED ADS	
57667T 90 0	MATERIALISE NV	CALL	
57667T 95 0	MATERIALISE NV	PUT	
576690 10 1 *	MATERION CORP	COM	
576690 90 1	MATERION CORP	CALL	
576690 95 1	MATERION CORP	PUT	
576810 10 5	MATINAS BIOPHARMA HLDGS INC	COM	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 453

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
576853 10 5 *	MATRIX SVC CO	COM	
576853 90 5	MATRIX SVC CO	CALL	
576853 95 5	MATRIX SVC CO	PUT	
57686G 10 5 *	MATSON INC	COM	
57686G 90 5	MATSON INC	CALL	
57686G 95 5	MATSON INC	PUT	
577081 10 2 *	MATTEL INC	COM	
577081 90 2	MATTEL INC	CALL	
577081 95 2	MATTEL INC	PUT	
577096 10 0 *	MATTERPORT INC	COM CL A	
577096 90 0	MATTERPORT INC	CALL	
577096 95 0	MATTERPORT INC	PUT	
577125 79 2	MATTHEWS ASIA FDS	EMERGING MARKETS	ADDED
577125 81 8	MATTHEWS ASIA FDS	EMER MKTS EQUITY	
577125 82 6	MATTHEWS ASIA FDS	ASIA INNOV ACTIV	
577125 83 4	MATTHEWS ASIA FDS	CHINA ACTIVE ETF	
577128 10 1 *	MATTHEWS INTL CORP	CL A	
577128 90 1	MATTHEWS INTL CORP	CALL	
577128 95 1	MATTHEWS INTL CORP	PUT	
577345 10 1	MAUI LD & PINEAPPLE INC	COM	
57776F 40 5 *	MAVERIX METALS INC	COM NEW	DELETED
57776F 90 5	MAVERIX METALS INC	CALL	DELETED
57776F 95 5	MAVERIX METALS INC	PUT	DELETED
57776J 10 0 *	MAXLINEAR INC	COM	
57776J 90 0	MAXLINEAR INC	CALL	
57776J 95 0	MAXLINEAR INC	PUT	
57777K 10 6 *	MAXCYTE INC	COM	
57777K 90 6	MAXCYTE INC	CALL	
57777K 95 6	MAXCYTE INC	PUT	
57778K 10 5 *	MAXAR TECHNOLOGIES INC	COM	
57778K 90 5	MAXAR TECHNOLOGIES INC	CALL	
57778K 95 5	MAXAR TECHNOLOGIES INC	PUT	
57778N 20 8	MAWSON INFRASTRUCTURE GROUP	COM NEW	DELETED
57778N 30 7	MAWSON INFRASTRUCTURE GROUP	COM	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 454

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
57778T 10 6	MAXPRO CAPITAL ACQUISITN COR	CLASS A COM	DELETED
57778T 11 4	MAXPRO CAPITAL ACQUISITN COR	*W EXP 09/27/202	DELETED
57778T 20 5	MAXPRO CAPITAL ACQUISITN COR	UNIT 09/27/2026	DELETED
57779B AB 0	MAXEON SOLAR TECHNOLOGIES LT	NOTE 6.500% 7/1	
577933 10 4 *	MAXIMUS INC	COM	
577933 90 4	MAXIMUS INC	CALL	
577933 95 4	MAXIMUS INC	PUT	
578473 10 0	MAYS J W INC	COM	
578605 10 7 *	MAYVILLE ENGR CO INC	COM	
578605 90 7	MAYVILLE ENGR CO INC	CALL	
578605 95 7	MAYVILLE ENGR CO INC	PUT	
579780 10 7	MCCORMICK & CO INC	COM VTG	
579780 20 6 *	MCCORMICK & CO INC	COM NON VTG	
579780 90 6	MCCORMICK & CO INC	CALL	
579780 95 6	MCCORMICK & CO INC	PUT	
580135 10 1 *	MCDONALDS CORP	COM	
580135 90 1	MCDONALDS CORP	CALL	
580135 95 1	MCDONALDS CORP	PUT	
58039P 30 5 *	MCEWEN MNG INC	COM NEW	
58039P 90 5	MCEWEN MNG INC	CALL	
58039P 95 5	MCEWEN MNG INC	PUT	
580589 10 9 *	MCGRATH RENTCORP	COM	
580589 90 9	MCGRATH RENTCORP	CALL	
580589 95 9	MCGRATH RENTCORP	PUT	
58155Q 10 3 *	MCKESSON CORP	COM	
58155Q 90 3	MCKESSON CORP	CALL	
58155Q 95 3	MCKESSON CORP	PUT	
58176U 10 9	MCLAREN TECHNOLOGY ACQ CORP	CLASS A COM	DELETED
58176U 11 7	MCLAREN TECHNOLOGY ACQ CORP	*W EXP 11/01/202	DELETED
58176U 20 8	MCLAREN TECHNOLOGY ACQ CORP	UNIT 11/01/2026	DELETED
582270 17 9	MICROSOFT TECHNOLOGIES CORP	*W EXP 11/29/202	
582270 60 9	MICROSOFT TECHNOLOGIES CORP	COM NEW	
582270 70 8	MICROSOFT TECHNOLOGIES CORP	9% CNV SER PFD A	
58286E 10 2	MDXHEALTH SA	SPONSORED ADS	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 455

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
583435 10 2 *	STEAKHOLDER FOODS LTD	SPONSORED ADS	
583435 90 2	STEAKHOLDER FOODS LTD	CALL	
583435 95 2	STEAKHOLDER FOODS LTD	PUT	
583543 10 3 *	SOLUNA HOLDINGS INC	COM NEW	
583543 90 3	SOLUNA HOLDINGS INC	CALL	
583543 95 3	SOLUNA HOLDINGS INC	PUT	
583928 10 6 *	MEDALLION FINL CORP	COM	
583928 90 6	MEDALLION FINL CORP	CALL	
583928 95 6	MEDALLION FINL CORP	PUT	
58403P 10 5	MEDALIST DIVERSIFIED REIT IN	COM	
58406B 10 3 *	MEDAVAIL HOLDINGS INC	COM	
58406B 90 3	MEDAVAIL HOLDINGS INC	CALL	
58406B 95 3	MEDAVAIL HOLDINGS INC	PUT	
58450D 10 4	MEDIACO HLDG INC	CL A	
58450V 10 4 *	MEDIAALPHA INC	CL A	
58450V 90 4	MEDIAALPHA INC	CALL	
58450V 95 4	MEDIAALPHA INC	PUT	
58463J 30 4 *	MEDICAL PPTYS TRUST INC	COM	
58463J 90 4	MEDICAL PPTYS TRUST INC	CALL	
58463J 95 4	MEDICAL PPTYS TRUST INC	PUT	
58468P 20 6 *	MEDICINOVA INC	COM NEW	
58468P 90 6	MEDICINOVA INC	CALL	
58468P 95 6	MEDICINOVA INC	PUT	
58470H 10 1 *	MEDIFAST INC	COM	
58470H 90 1	MEDIFAST INC	CALL	
58470H 95 1	MEDIFAST INC	PUT	
58471G 12 8	MEDIGUS LTD	*W EXP 07/22/202	
58471G 40 9 *	MEDIGUS LTD	SPON ADS NEW	
58471G 90 9	MEDIGUS LTD	CALL	
58471G 95 9	MEDIGUS LTD	PUT	
58490H 10 7	MEDICENNA THERAPEUTICS CORP	COM	
58502B 10 6 *	PEDIATRIX MEDICAL GROUP INC	COM	
58502B 90 6	PEDIATRIX MEDICAL GROUP INC	CALL	
58502B 95 6	PEDIATRIX MEDICAL GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 456

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
58506Q 10 9 *	MEDPACE HLDGS INC	COM	
58506Q 90 9	MEDPACE HLDGS INC	CALL	
58506Q 95 9	MEDPACE HLDGS INC	PUT	
58507N 10 5	MEDTECH ACQUISITION CORP	COM CL A	
58507N 11 3	MEDTECH ACQUISITION CORP	*W EXP 12/22/202	
58507N 20 4	MEDTECH ACQUISITION CORP	UNIT 12/18/2025	
58510H 10 3	MEDIROM HEALTHCARE TECH INC	SPONSORED ADS	
585464 10 0 *	MELCO RESORTS AND ENTMNT LTD	ADR	
585464 90 0	MELCO RESORTS AND ENTMNT LTD	CALL	
585464 95 0	MELCO RESORTS AND ENTMNT LTD	PUT	
586001 10 9 *	SOHO HOUSE & CO INC	COM CL A	
586001 90 9	SOHO HOUSE & CO INC	CALL	
586001 95 9	SOHO HOUSE & CO INC	PUT	
58733R AD 4	MERCADOLIBRE INC	NOTE 2.000% 8/1	
58733R 10 2 *	MERCADOLIBRE INC	COM	
58733R 90 2	MERCADOLIBRE INC	CALL	
58733R 95 2	MERCADOLIBRE INC	PUT	
587376 10 4 *	MERCANTILE BK CORP	COM	
587376 90 4	MERCANTILE BK CORP	CALL	
587376 95 4	MERCANTILE BK CORP	PUT	
58759A 10 8	MERCATO PARTNERS ACQUISITION	CLASS A COM	
58759A 11 6	MERCATO PARTNERS ACQUISITION	*W EXP 99/99/999	
58759A 20 7	MERCATO PARTNERS ACQUISITION	UNIT 10/29/2026	
588056 10 1 *	MERCER INTL INC	COM	
588056 90 1	MERCER INTL INC	CALL	
588056 95 1	MERCER INTL INC	PUT	
58844R 10 8 *	MERCHANTS BANCORP IND	COM	
58844R 90 8	MERCHANTS BANCORP IND	CALL	
58844R 95 8	MERCHANTS BANCORP IND	PUT	
58933Y 10 5 *	MERCK & CO INC	COM	
58933Y 90 5	MERCK & CO INC	CALL	
58933Y 95 5	MERCK & CO INC	PUT	
58936H 10 9 *	MERCURITY FINTECH HOLDING IN	SPONSORED ADS	DELETED
58936H 90 9	MERCURITY FINTECH HOLDING IN	CALL	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 457

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
58936H 95 9	MERCURITY FINTECH HOLDING IN	PUT	DELETED
589378 10 8 *	MERCURY SYS INC	COM	
589378 90 8	MERCURY SYS INC	CALL	
589378 95 8	MERCURY SYS INC	PUT	
589381 10 2	SEP ACQUISITION CORP	CLASS A COM	
589381 11 0	SEP ACQUISITION CORP	*W EXP 07/27/202	
589381 20 1	SEP ACQUISITION CORP	UNIT 07/27/2026	
589400 10 0 *	MERCURY GENL CORP NEW	COM	
589400 90 0	MERCURY GENL CORP NEW	CALL	
589400 95 0	MERCURY GENL CORP NEW	PUT	
589492 10 7 *	MEREO BIOPHARMA GROUP PLC	SPON ADS	
589492 90 7	MEREO BIOPHARMA GROUP PLC	CALL	
589492 95 7	MEREO BIOPHARMA GROUP PLC	PUT	
58958P 10 4	MERIDIAN CORPORATION	COM	
589584 10 1 *	MERIDIAN BIOSCIENCE INC	COM	DELETED
589584 90 1	MERIDIAN BIOSCIENCE INC	CALL	DELETED
589584 95 1	MERIDIAN BIOSCIENCE INC	PUT	DELETED
58985J 10 5 *	MERIDIANLINK INC	COMMON STOCK	
58985J 90 5	MERIDIANLINK INC	CALL	
58985J 95 5	MERIDIANLINK INC	PUT	
589889 10 4 *	MERIT MED SYS INC	COM	
589889 90 4	MERIT MED SYS INC	CALL	
589889 95 4	MERIT MED SYS INC	PUT	
59001A 10 2 *	MERITAGE HOMES CORP	COM	
59001A 90 2	MERITAGE HOMES CORP	CALL	
59001A 95 2	MERITAGE HOMES CORP	PUT	
590328 20 9 *	MERRIMACK PHARMACEUTICALS IN	COM NEW	
590328 90 9	MERRIMACK PHARMACEUTICALS IN	CALL	
590328 95 9	MERRIMACK PHARMACEUTICALS IN	PUT	
59045L 10 6 *	MERSANA THERAPEUTICS INC	COM	
59045L 90 6	MERSANA THERAPEUTICS INC	CALL	
59045L 95 6	MERSANA THERAPEUTICS INC	PUT	
590479 13 5 *	MESA AIR GROUP INC	COM NEW	
590479 90 5	MESA AIR GROUP INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 458

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
590479 95 5	MESA AIR GROUP INC	PUT	
59064R AA 7	MESA LABS INC	NOTE 1.375% 8/1	
59064R 10 9	MESA LABS INC	COM	
590660 10 6	MESA RTY TR	UNIT BEN INT	
590672 10 1 *	MESABI TR	CTF BEN INT	
590672 90 1	MESABI TR	CALL	
590672 95 1	MESABI TR	PUT	
590717 10 4 *	MESOBLAST LTD	SPONS ADR	
590717 90 4	MESOBLAST LTD	CALL	
590717 95 4	MESOBLAST LTD	PUT	
59100U 10 8 *	PATHWARD FINANCIAL INC	COM	
59100U 90 8	PATHWARD FINANCIAL INC	CALL	
59100U 95 8	PATHWARD FINANCIAL INC	PUT	
59101E 10 3 *	METACRINE INC	COM	DELETED
59101E 90 3	METACRINE INC	CALL	DELETED
59101E 95 3	METACRINE INC	PUT	DELETED
59124U 60 5 *	METALLA RTY & STREAMING LTD	COM NEW	
59124U 90 5	METALLA RTY & STREAMING LTD	CALL	
59124U 95 5	METALLA RTY & STREAMING LTD	PUT	
59134N 10 4 *	META MATERIALS INC	COM	
59134N 90 4	META MATERIALS INC	CALL	
59134N 95 4	META MATERIALS INC	PUT	
59151K 10 8 *	METHANEX CORP	COM	
59151K 90 8	METHANEX CORP	CALL	
59151K 95 8	METHANEX CORP	PUT	
591520 20 0 *	METHODE ELECTRS INC	COM	
591520 90 0	METHODE ELECTRS INC	CALL	
591520 95 0	METHODE ELECTRS INC	PUT	
59156R 10 8 *	METLIFE INC	COM	
59156R 90 8	METLIFE INC	CALL	
59156R 95 8	METLIFE INC	PUT	
59165J 10 5 *	METROCITY BANKSHARES INC	COM	
59165J 90 5	METROCITY BANKSHARES INC	CALL	
59165J 95 5	METROCITY BANKSHARES INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 459

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
591774 10 4 *	METROPOLITAN BK HLDG CORP	COM	
591774 90 4	METROPOLITAN BK HLDG CORP	CALL	
591774 95 4	METROPOLITAN BK HLDG CORP	PUT	
592688 10 5 *	METTLER TOLEDO INTERNATIONAL	COM	
592688 90 5	METTLER TOLEDO INTERNATIONAL	CALL	
592688 95 5	METTLER TOLEDO INTERNATIONAL	PUT	
592770 10 1	MEXCO ENERGY CORP	COM	
592834 10 5	MEXICO EQUITY & INCOME FD	COM	
592835 10 2	MEXICO FD INC	COM	
59318B 10 8	MFS INVT GRADE MUN TR	SH BEN INT	
59318D 10 4	MFS HIGH INCOME MUN TR	SH BEN INT	
59318E 10 2	MFS HIGH YIELD MUN TR	SH BEN INT	
59318T 10 9	MFS INTER HIGH INCOME FD	SH BEN INT	
594837 40 3 *	MICRO FOCUS INTL PLC	SPON ADR NEW	DELETED
594837 90 3	MICRO FOCUS INTL PLC	CALL	DELETED
594837 95 3	MICRO FOCUS INTL PLC	PUT	DELETED
594918 10 4 *	MICROSOFT CORP	COM	
594918 90 4	MICROSOFT CORP	CALL	
594918 95 4	MICROSOFT CORP	PUT	
594960 30 4 *	MICROVISION INC DEL	COM NEW	
594960 90 4	MICROVISION INC DEL	CALL	
594960 95 4	MICROVISION INC DEL	PUT	
594972 AC 5	MICROSTRATEGY INC	NOTE 0.750%12/1	
594972 AE 1	MICROSTRATEGY INC	NOTE 2/1	
594972 40 8 *	MICROSTRATEGY INC	CL A NEW	
594972 90 8	MICROSTRATEGY INC	CALL	
594972 95 8	MICROSTRATEGY INC	PUT	
595017 AD 6	MICROCHIP TECHNOLOGY INC.	NOTE 1.625% 2/1	
595017 AF 1	MICROCHIP TECHNOLOGY INC.	NOTE 1.625% 2/1	
595017 AH 7	MICROCHIP TECHNOLOGY INC.	NOTE 2.250% 2/1	
595017 AU 8	MICROCHIP TECHNOLOGY INC.	NOTE 0.125%11/1	
595017 10 4 *	MICROCHIP TECHNOLOGY INC.	COM	
595017 90 4	MICROCHIP TECHNOLOGY INC.	CALL	
595017 95 4	MICROCHIP TECHNOLOGY INC.	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 460

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
59503A 20 4 *	MICROBOT MED INC	COM NEW	
59503A 90 4	MICROBOT MED INC	CALL	
59503A 95 4	MICROBOT MED INC	PUT	
595112 10 3 *	MICRON TECHNOLOGY INC	COM	
595112 90 3	MICRON TECHNOLOGY INC	CALL	
595112 95 3	MICRON TECHNOLOGY INC	PUT	
59516C 10 6 *	MICROVAST HOLDINGS INC	COM	
59516C 90 6	MICROVAST HOLDINGS INC	CALL	
59516C 95 6	MICROVAST HOLDINGS INC	PUT	
59516C 11 4	MICROVAST HOLDINGS INC	*W EXP 04/01/202	
59522J 10 3 *	MID-AMER APT CMNTYS INC	COM	
59522J 90 3	MID-AMER APT CMNTYS INC	CALL	
59522J 95 3	MID-AMER APT CMNTYS INC	PUT	
59540G 10 7 *	MID PENN BANCORP INC	COM	
59540G 90 7	MID PENN BANCORP INC	CALL	
59540G 95 7	MID PENN BANCORP INC	PUT	
59548Q 10 7	MID-SOUTHERN BANCORP INC	COM	
59564R 50 0	MIDATECH PHARMA PLC	SPON ADS NEW	DELETED
59564R 60 9	BIODEXA PHARMACEUTICALS PLC	SPON ADS NEW	ADDED
596278 AB 7	MIDDLEBY CORP	NOTE 1.000% 9/0	
596278 10 1 *	MIDDLEBY CORP	COM	
596278 90 1	MIDDLEBY CORP	CALL	
596278 95 1	MIDDLEBY CORP	PUT	
596304 20 4	MIDDLEFIELD BANC CORP	COM NEW	
596680 10 8 *	MIDDLESEX WTR CO	COM	
596680 90 8	MIDDLESEX WTR CO	CALL	
596680 95 8	MIDDLESEX WTR CO	PUT	
597742 10 5 *	MIDLAND STATES BANCORP INC	COM	
597742 90 5	MIDLAND STATES BANCORP INC	CALL	
597742 95 5	MIDLAND STATES BANCORP INC	PUT	
59833J 20 6	MIDWEST HLDG INC	COM NEW	
598511 10 3 *	MIDWESTONE FINL GROUP INC NE	COM	
598511 90 3	MIDWESTONE FINL GROUP INC NE	CALL	
598511 95 3	MIDWESTONE FINL GROUP INC NE	PUT	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 461

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
59935P 20 9 *	MILESTONE SCIENTIFIC INC	COM NEW	
59935P 90 9	MILESTONE SCIENTIFIC INC	CALL	
59935P 95 9	MILESTONE SCIENTIFIC INC	PUT	
59935V 10 7 *	MILESTONE PHARMACEUTICALS IN	COM	
59935V 90 7	MILESTONE PHARMACEUTICALS IN	CALL	
59935V 95 7	MILESTONE PHARMACEUTICALS IN	PUT	
59982U 20 0	MILL CITY VENTURES III LTD	COM NEW	
600379 10 1	MILLER HOWARD HIGH INC EQTY	COM SHS BEN IN	
600544 10 0 *	MILLERKNOLL INC	COM	
600544 90 0	MILLERKNOLL INC	CALL	
600544 95 0	MILLERKNOLL INC	PUT	
600551 20 4 *	MILLER INDS INC TENN	COM NEW	
600551 90 4	MILLER INDS INC TENN	CALL	
600551 95 4	MILLER INDS INC TENN	PUT	
602496 10 1 *	MIMEDX GROUP INC	COM	
602496 90 1	MIMEDX GROUP INC	CALL	
602496 95 1	MIMEDX GROUP INC	PUT	
60255C 88 5 *	MIND MEDICINE MINDMED INC	COM NEW	
60255C 90 5	MIND MEDICINE MINDMED INC	CALL	
60255C 95 5	MIND MEDICINE MINDMED INC	PUT	
602566 10 1 *	MIND TECHNOLOGY INC	COM	
602566 90 1	MIND TECHNOLOGY INC	CALL	
602566 95 1	MIND TECHNOLOGY INC	PUT	
603158 10 6 *	MINERALS TECHNOLOGIES INC	COM	
603158 90 6	MINERALS TECHNOLOGIES INC	CALL	
603158 95 6	MINERALS TECHNOLOGIES INC	PUT	
603170 10 1	MINERALYS THERAPEUTICS INC	COM	ADDED
603380 20 5	MINERVA NEUROSCIENCES INC	COM NEW	
60343F 10 6	MINERVA SURGICAL INC	COM	
60365W 10 2	MINIM INC	COM	
603693 10 2	MINK THERAPEUTICS INC	COM	
60436Q 10 0	MINORITY EQUALITY OPPORTUNIT	CLASS A COM	
60436Q 11 8	MINORITY EQUALITY OPPORTUNIT	*W EXP 08/26/202	
60436Q 20 9	MINORITY EQUALITY OPPORTUNIT	UNIT 08/26/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 462

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
60468T 10 5 *	MIRATI THERAPEUTICS INC	COM	
60468T 90 5	MIRATI THERAPEUTICS INC	CALL	
60468T 95 5	MIRATI THERAPEUTICS INC	PUT	
60471A 10 1 *	MIRION TECHNOLOGIES INC	COM CL A	
60471A 90 1	MIRION TECHNOLOGIES INC	CALL	
60471A 95 1	MIRION TECHNOLOGIES INC	PUT	
60471A 11 9	MIRION TECHNOLOGIES INC	*W EXP 10/20/202	
60471P 10 8 *	MIROMATRIX MED INC	COM	
60471P 90 8	MIROMATRIX MED INC	CALL	
60471P 95 8	MIROMATRIX MED INC	PUT	
604749 10 1 *	MIRUM PHARMACEUTICALS INC	COM	
604749 90 1	MIRUM PHARMACEUTICALS INC	CALL	
604749 95 1	MIRUM PHARMACEUTICALS INC	PUT	
60500F 20 4	MISSFRESH LTD	SPON ADS	
60510V 10 8 *	MISSION PRODUCE INC	COM	
60510V 90 8	MISSION PRODUCE INC	CALL	
60510V 95 8	MISSION PRODUCE INC	PUT	
60646V 10 5 *	MISTER CAR WASH INC	COM	
60646V 90 5	MISTER CAR WASH INC	CALL	
60646V 95 5	MISTER CAR WASH INC	PUT	
60649T 10 7 *	MISTRAS GROUP INC	COM	
60649T 90 7	MISTRAS GROUP INC	CALL	
60649T 95 7	MISTRAS GROUP INC	PUT	
606710 AA 9	MITEK SYS INC	NOTE 0.750% 2/0	
606710 20 0 *	MITEK SYS INC	COM NEW	
606710 90 0	MITEK SYS INC	CALL	
606710 95 0	MITEK SYS INC	PUT	
606822 10 4 *	MINITUBISHI UFJ FINL GROUP IN	SPONSORED ADS	
606822 90 4	MINITUBISHI UFJ FINL GROUP IN	CALL	
606822 95 4	MINITUBISHI UFJ FINL GROUP IN	PUT	
60687Y 10 9 *	MIZUHO FINANCIAL GROUP INC	SPONSORED ADR	
60687Y 90 9	MIZUHO FINANCIAL GROUP INC	CALL	
60687Y 95 9	MIZUHO FINANCIAL GROUP INC	PUT	
60688N 10 2 *	MIX TELEMATICS LTD	SPONSORED ADR	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 463

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
60688N 90 2	MIX TELEMATICS LTD	CALL	
60688N 95 2	MIX TELEMATICS LTD	PUT	
607371 10 1	MOBILE GLOBAL ESPORTS INC	COM	
60741F 10 4 *	MOBILEYE GLOBAL INC	COMMON CLASS A	
60741F 90 4	MOBILEYE GLOBAL INC	CALL	
60741F 95 4	MOBILEYE GLOBAL INC	PUT	
60742B 10 2	MOBILICOM LTD	SPON ADS	
60742B 11 0	MOBILICOM LTD	*W EXP 08/31/202	
60742N 10 6	MOBIV ACQUISITION CORP	CLASS A COM	
60742N 11 4	MOBIV ACQUISITION CORP	*W EXP 07/31/202	
60742N 20 5	MOBIV ACQUISITION CORP	UNIT 07/31/2027	
60743F 12 8	MOBIQUITY TECHNOLOGIES INC	*W EXP 12/03/202	
60743F 50 8	MOBIQUITY TECHNOLOGIES INC	COM	
607525 AB 8	MODEL N INC	NOTE 2.625% 6/0	
607525 10 2 *	MODEL N INC	COM	
607525 90 2	MODEL N INC	CALL	
607525 95 2	MODEL N INC	PUT	
60770K 10 7 *	MODERNA INC	COM	
60770K 90 7	MODERNA INC	CALL	
60770K 95 7	MODERNA INC	PUT	
607828 10 0 *	MODINE MFG CO	COM	
607828 90 0	MODINE MFG CO	CALL	
607828 95 0	MODINE MFG CO	PUT	
60783X 10 4 *	MODIVCARE INC	COM	
60783X 90 4	MODIVCARE INC	CALL	
60783X 95 4	MODIVCARE INC	PUT	
60784B 10 1	MODIV INC	CL C COM STK	
60785L 20 7	MODULAR MED INC	COM NEW	
60786M 10 5 *	MOELIS & CO	CL A	
60786M 90 5	MOELIS & CO	CALL	
60786M 95 5	MOELIS & CO	PUT	
60800C 10 9 *	MOGO INC	COM	
60800C 90 9	MOGO INC	CALL	
60800C 95 9	MOGO INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 464

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
608012 30 8	MOGU INC	SPON ADS	
608190 10 4 *	MOHAWK INDS INC	COM	
608190 90 4	MOHAWK INDS INC	CALL	
608190 95 4	MOHAWK INDS INC	PUT	
60853G 10 6	MOLECULAR PARTNERS AG	ADS	
60855D 20 0	MOLECULIN BIOTECH INC	COM	
60855R 10 0 *	MOLINA HEALTHCARE INC	COM	
60855R 90 0	MOLINA HEALTHCARE INC	CALL	
60855R 95 0	MOLINA HEALTHCARE INC	PUT	
608550 10 9 *	MOLECULAR TEMPLATES INC	COM	
608550 90 9	MOLECULAR TEMPLATES INC	CALL	
608550 95 9	MOLECULAR TEMPLATES INC	PUT	
60871R 10 0	MOLSON COORS BEVERAGE CO	CL A	
60871R 20 9 *	MOLSON COORS BEVERAGE CO	CL B	
60871R 90 9	MOLSON COORS BEVERAGE CO	CALL	
60871R 95 9	MOLSON COORS BEVERAGE CO	PUT	
60878Y 10 8 *	MOMENTIVE GLOBAL INC	COM	
60878Y 90 8	MOMENTIVE GLOBAL INC	CALL	
60878Y 95 8	MOMENTIVE GLOBAL INC	PUT	
60879B AB 3	HELLO GROUP INC	NOTE 1.250% 7/0	
60879E 10 1 *	MOMENTUS INC	COM CL A	
60879E 90 1	MOMENTUS INC	CALL	
60879E 95 1	MOMENTUS INC	PUT	
60879E 11 9	MOMENTUS INC	*W EXP 05/15/202	
609027 10 7 *	MONARCH CASINO & RESORT INC	COM	
609027 90 7	MONARCH CASINO & RESORT INC	CALL	
609027 95 7	MONARCH CASINO & RESORT INC	PUT	
609207 10 5 *	MONDELEZ INTL INC	CL A	
609207 90 5	MONDELEZ INTL INC	CALL	
609207 95 5	MONDELEZ INTL INC	PUT	
60935Y 20 8 *	MONEYGRAM INTL INC	COM NEW	
60935Y 90 8	MONEYGRAM INTL INC	CALL	
60935Y 95 8	MONEYGRAM INTL INC	PUT	
60937P AD 8	MONGODB INC	NOTE 0.250% 1/1	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 465

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
60937P 10 6 *	MONGODB INC	CL A	
60937P 90 6	MONGODB INC	CALL	
60937P 95 6	MONGODB INC	PUT	
60938K 10 6 *	MONEYLION INC	CL A	
60938K 90 6	MONEYLION INC	CALL	
60938K 95 6	MONEYLION INC	PUT	
60938K 11 4	MONEYLION INC	*W EXP 09/22/202	
609839 10 5 *	MONOLITHIC PWR SYS INC	COM	
609839 90 5	MONOLITHIC PWR SYS INC	CALL	
609839 95 5	MONOLITHIC PWR SYS INC	PUT	
61023L 10 8	MONOPAR THERAPEUTICS INC	COM	
610236 10 1 *	MONRO INC	COM	
610236 90 1	MONRO INC	CALL	
610236 95 1	MONRO INC	PUT	
610335 10 1 *	MONROE CAP CORP	COM	
610335 90 1	MONROE CAP CORP	CALL	
610335 95 1	MONROE CAP CORP	PUT	
61174X 10 9 *	MONSTER BEVERAGE CORP NEW	COM	
61174X 90 9	MONSTER BEVERAGE CORP NEW	CALL	
61174X 95 9	MONSTER BEVERAGE CORP NEW	PUT	
61218C 10 3 *	MONTAUK RENEWABLES INC	COM	
61218C 90 3	MONTAUK RENEWABLES INC	CALL	
61218C 95 3	MONTAUK RENEWABLES INC	PUT	
61225M 10 2 *	MONTE ROSA THERAPEUTICS INC	COM	
61225M 90 2	MONTE ROSA THERAPEUTICS INC	CALL	
61225M 95 2	MONTE ROSA THERAPEUTICS INC	PUT	
61240F 10 8	MONTEREY BIO ACQUISITION COR	COM	
61240F 11 6	MONTEREY BIO ACQUISITION COR	*W EXP 10/05/202	
61240F 20 7	MONTEREY BIO ACQUISITION COR	UNIT 09/30/2026	
61244M 10 9	MONTEREY CAP ACQUISITION COR	CLASS A COM	
61244M 11 7	MONTEREY CAP ACQUISITION COR	*W EXP 01/01/202	
61244M 12 5	MONTEREY CAP ACQUISITION COR	RIGHT 05/10/2027	
61244M 20 8	MONTEREY CAP ACQUISITION COR	UNIT 05/10/2027	
615111 10 1 *	MONTROSE ENVIRONMENTAL GROUP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 466

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
615111 90 1	MONTROSE ENVIRONMENTAL GROUP	CALL	
615111 95 1	MONTROSE ENVIRONMENTAL GROUP	PUT	
615369 10 5 *	MOODYS CORP	COM	
615369 90 5	MOODYS CORP	CALL	
615369 95 5	MOODYS CORP	PUT	
615394 20 2 *	MOOG INC	CL A	
615394 90 2	MOOG INC	CALL	
615394 95 2	MOOG INC	PUT	
615394 30 1	MOOG INC	CL B	
61559X 10 4	MOONLAKE IMMUNOTHERAPEUTICS	CLASS A ORD	
61744H 10 5	MORGAN STANLEY EMKT DBT FD I	COM	
617446 44 8 *	MORGAN STANLEY	COM NEW	
617446 90 8	MORGAN STANLEY	CALL	
617446 95 8	MORGAN STANLEY	PUT	
61745C 10 5	MORGAN STANLEY INDIA INVT FD	COM	
617468 10 3 *	MORGAN STANLEY CHINA A SH FD	COM	
617468 90 3	MORGAN STANLEY CHINA A SH FD	CALL	
617468 95 3	MORGAN STANLEY CHINA A SH FD	PUT	
617477 10 4	MORGAN STANLEY EMERGING MKTS	COM	
617700 10 9 *	MORNINGSTAR INC	COM	
617700 90 9	MORNINGSTAR INC	CALL	
617700 95 9	MORNINGSTAR INC	PUT	
61774R 10 6 *	MORGAN STANLEY ETF TRUST	CALVERT INTERNAT	ADDED
61774R 90 6	MORGAN STANLEY ETF TRUST	CALL	ADDED
61774R 95 6	MORGAN STANLEY ETF TRUST	PUT	ADDED
61774R 20 5 *	MORGAN STANLEY ETF TRUST	CALVERT US LARCP	ADDED
61774R 90 5	MORGAN STANLEY ETF TRUST	CALL	ADDED
61774R 95 5	MORGAN STANLEY ETF TRUST	PUT	ADDED
61774R 30 4 *	MORGAN STANLEY ETF TRUST	CALVERT US LRGCP	ADDED
61774R 90 4	MORGAN STANLEY ETF TRUST	CALL	ADDED
61774R 95 4	MORGAN STANLEY ETF TRUST	PUT	ADDED
61774R 40 3 *	MORGAN STANLEY ETF TRUST	CALVERT US MDCP	ADDED
61774R 90 3	MORGAN STANLEY ETF TRUST	CALL	ADDED
61774R 95 3	MORGAN STANLEY ETF TRUST	PUT	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 467

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
61774R 50 2 *	MORGAN STANLEY ETF TRUST	CALVERT US SEL	ADDED
61774R 90 2	MORGAN STANLEY ETF TRUST	CALL	ADDED
61774R 95 2	MORGAN STANLEY ETF TRUST	PUT	ADDED
61774R 60 1	MORGAN STANLEY ETF TRUST	CALVERT ULT SHR	ADDED
61775R 10 5 *	MORPHIC HLDG INC	COM	
61775R 90 5	MORPHIC HLDG INC	CALL	
61775R 95 5	MORPHIC HLDG INC	PUT	
617760 20 2 *	MORPHOSYS AG	SPONSORED ADS	
617760 90 2	MORPHOSYS AG	CALL	
617760 95 2	MORPHOSYS AG	PUT	
61945C 10 3 *	MOSAIC CO NEW	COM	
61945C 90 3	MOSAIC CO NEW	CALL	
61945C 95 3	MOSAIC CO NEW	PUT	
620071 10 0 *	MOTORCAR PTS AMER INC	COM	
620071 90 0	MOTORCAR PTS AMER INC	CALL	
620071 95 0	MOTORCAR PTS AMER INC	PUT	
620076 30 7 *	MOTOROLA SOLUTIONS INC	COM NEW	
620076 90 7	MOTOROLA SOLUTIONS INC	CALL	
620076 95 7	MOTOROLA SOLUTIONS INC	PUT	
62011B 20 1	MOTORSPORT GAMES INC	CL A NEW	
62014P 40 5	MOTUS GI HLDGS INC	COM NEW	
623006 10 3	MOUNT RAINIER ACQUISITION CO	COM	DELETED
623006 11 1	MOUNT RAINIER ACQUISITION CO	*W EXP 11/27/202	DELETED
623006 20 2	MOUNT RAINIER ACQUISITION CO	UNIT 11/27/2026	DELETED
62402U 10 7	MOUNTAIN CREST ACQSTN CORP I	COM	DELETED
62402U 11 5	MOUNTAIN CREST ACQSTN CORP I	RIGHT 05/14/2026	DELETED
62402U 20 6	MOUNTAIN CREST ACQSTN CORP I	UNIT 99/99/9999	DELETED
62403K 10 8	MOUNTAIN CREST ACQUSITN CRP	COM	
62403K 11 6	MOUNTAIN CREST ACQUSITN CRP	RIGHT 06/29/2026	
62403K 20 7	MOUNTAIN CREST ACQUSITN CRP	UNIT 06/29/2026	
62404B 10 7	MOUNTAIN CREST ACQSITN CORP	COM	
62404B 11 5	MOUNTAIN CREST ACQSITN CORP	RIGHT 08/30/2022	
62404B 20 6	MOUNTAIN CREST ACQSITN CORP	UNIT 11/12/2026	
624580 10 6 *	MOVADO GROUP INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 468

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
624580 90 6	MOVADO GROUP INC	CALL	
624580 95 6	MOVADO GROUP INC	PUT	
62459M 10 7	MOVANO INC	COM	
62459N 10 5	MOVELLA HOLDINGS INC	COM	ADDED
62459N 11 3	MOVELLA HOLDINGS INC	*W EXP 02/10/202	ADDED
62464R 10 9	MOVING IMAGE TECHNOLOGIES IN	COMMON STOCK	
624756 10 2 *	MUELLER INDS INC	COM	
624756 90 2	MUELLER INDS INC	CALL	
624756 95 2	MUELLER INDS INC	PUT	
624758 10 8 *	MUELLER WTR PRODS INC	COM SER A	
624758 90 8	MUELLER WTR PRODS INC	CALL	
624758 95 8	MUELLER WTR PRODS INC	PUT	
62482R 10 7 *	MR COOPER GROUP INC	COM	
62482R 90 7	MR COOPER GROUP INC	CALL	
62482R 95 7	MR COOPER GROUP INC	PUT	
62526P 10 9 *	MULLEN AUTOMOTIVE INC	COM	
62526P 90 9	MULLEN AUTOMOTIVE INC	CALL	
62526P 95 9	MULLEN AUTOMOTIVE INC	PUT	
62548M 10 0 *	MULTIPLAN CORPORATION	COM	
62548M 90 0	MULTIPLAN CORPORATION	CALL	
62548M 95 0	MULTIPLAN CORPORATION	PUT	
62548M 11 8	MULTIPLAN CORPORATION	*W EXP 02/13/202	
626642 10 2	MURPHY CANYON ACQUISITION CO	CLASS A COM	
626642 11 0	MURPHY CANYON ACQUISITION CO	*W EXP 01/25/202	
626642 20 1	MURPHY CANYON ACQUISITION CO	UNIT 01/25/2027	
626717 10 2 *	MURPHY OIL CORP	COM	
626717 90 2	MURPHY OIL CORP	CALL	
626717 95 2	MURPHY OIL CORP	PUT	
626755 10 2 *	MURPHY USA INC	COM	
626755 90 2	MURPHY USA INC	CALL	
626755 95 2	MURPHY USA INC	PUT	
627333 10 7	MUSCLE MAKER INC	COM	
62818Q 10 4 *	MUSTANG BIO INC	COM	
62818Q 90 4	MUSTANG BIO INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 469

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
62818Q 95 4	MUSTANG BIO INC	PUT	
62844N 30 7	MY SIZE INC	COM	
628464 10 9 *	MYERS INDS INC	COM	
628464 90 9	MYERS INDS INC	CALL	
628464 95 9	MYERS INDS INC	PUT	
62855J 10 4 *	MYRIAD GENETICS INC	COM	
62855J 90 4	MYRIAD GENETICS INC	CALL	
62855J 95 4	MYRIAD GENETICS INC	PUT	
62856X 10 2 *	MYMD PHARMACEUTICALS INC	COM	
62856X 90 2	MYMD PHARMACEUTICALS INC	CALL	
62856X 95 2	MYMD PHARMACEUTICALS INC	PUT	
62857J 20 1	MYOMO INC	COM NEW	
62857X 10 1	MYNARIC AG	SPON ADS	
628778 10 2 *	NBT BANCORP INC	COM	
628778 90 2	NBT BANCORP INC	CALL	
628778 95 2	NBT BANCORP INC	PUT	
62878D 10 0 *	N-ABLE INC	COMMON STOCK	
62878D 90 0	N-ABLE INC	CALL	
62878D 95 0	N-ABLE INC	PUT	
62886E 10 8 *	NCR CORP NEW	COM	
62886E 90 8	NCR CORP NEW	CALL	
62886E 95 8	NCR CORP NEW	PUT	
62886H AT 8	NCL CORP LTD	NOTE 6.000% 5/1	
62886H AX 9	NCL CORP LTD	NOTE 5.375% 8/0	
62886H BD 2	NCL CORP LTD	NOTE 1.125% 2/1	
62886H BK 6	NCL CORP LTD	NOTE 2.500% 2/1	ADDED
628877 20 1	NCS MULTISTAGE HLDGS INC	COM NEW	
62911P 20 1	NFT GAMING CO INC	COM NEW	ADDED
62913M 10 7 *	NGL ENERGY PARTNERS LP	COM UNIT REPST	
62913M 90 7	NGL ENERGY PARTNERS LP	CALL	
62913M 95 7	NGL ENERGY PARTNERS LP	PUT	
62914V AB 2	NIO INC	NOTE 4.500% 2/0	
62914V AE 6	NIO INC	NOTE 2/0	
62914V AF 3	NIO INC	NOTE 0.500% 2/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 470

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
62914V 10 6 *	NIO INC	SPON ADS	
62914V 90 6	NIO INC	CALL	
62914V 95 6	NIO INC	PUT	
629156 40 7 *	NL INDS INC	COM NEW	
629156 90 7	NL INDS INC	CALL	
629156 95 7	NL INDS INC	PUT	
629209 30 5 *	NMI HLDGS INC	CL A	
629209 90 5	NMI HLDGS INC	CALL	
629209 95 5	NMI HLDGS INC	PUT	
62921N 10 5 *	NGM BIOPHARMACEUTICALS INC	COM	
62921N 90 5	NGM BIOPHARMACEUTICALS INC	CALL	
62921N 95 5	NGM BIOPHARMACEUTICALS INC	PUT	
6293JP 10 9	NSTS BANCORP INC	COM	
629337 10 6 *	NN INC	COM	
629337 90 6	NN INC	CALL	
629337 95 6	NN INC	PUT	
629377 CG 5	NRG ENERGY INC	DBCW 2.750% 6/0	
629377 50 8 *	NRG ENERGY INC	COM NEW	
629377 90 8	NRG ENERGY INC	CALL	
629377 95 8	NRG ENERGY INC	PUT	
62944T 10 5	NVR INC	COM	
629444 10 0 *	NRX PHARMACEUTICALS INC	COM	
629444 90 0	NRX PHARMACEUTICALS INC	CALL	
629444 95 0	NRX PHARMACEUTICALS INC	PUT	
629444 11 8	NRX PHARMACEUTICALS INC	*W EXP 05/24/202	
629445 20 6	NVE CORP	COM NEW	
62945V 10 9 *	NV5 GLOBAL INC	COM	
62945V 90 9	NV5 GLOBAL INC	CALL	
62945V 95 9	NV5 GLOBAL INC	PUT	
62955J 10 3 *	NOV INC	COM	
62955J 90 3	NOV INC	CALL	
62955J 95 3	NOV INC	PUT	
62955X 10 2 *	NAAS TECHNOLOGY INC	SPONSORED ADS	
62955X 90 2	NAAS TECHNOLOGY INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 471

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
62955X 95 2	NAAS TECHNOLOGY INC	PUT	
629567 10 8	NABORS ENERGY TRANSITION COR	CL A COM	
629567 11 6	NABORS ENERGY TRANSITION COR	*W EXP 11/17/202	
629567 20 7	NABORS ENERGY TRANSITION COR	UNIT 99/99/9999	
62957H AB 1	NABORS INDS INC	NOTE 0.750% 1/1	
629579 10 3	NACCO INDS INC	CL A	
63008G 20 3 *	NANO DIMENSION LTD	SPONSORD ADS NEW	
63008G 90 3	NANO DIMENSION LTD	CALL	
63008G 95 3	NANO DIMENSION LTD	PUT	
63008J 10 8	NANOVIBRONIX INC	COM	DELETED
63008J 60 3	NANOVIBRONIX INC	COM NEW	ADDED
630087 30 2 *	NANOVIRICIDES INC	COM	
630087 90 2	NANOVIRICIDES INC	CALL	
630087 95 2	NANOVIRICIDES INC	PUT	
63009J 10 7	NANOBIOTIX	SPONSORED ADS	
63009R AD 1	NANOSTRING TECHNOLOGIES INC	NOTE 2.625% 3/0	
63009R 10 9 *	NANOSTRING TECHNOLOGIES INC	COM	
63009R 90 9	NANOSTRING TECHNOLOGIES INC	CALL	
63009R 95 9	NANOSTRING TECHNOLOGIES INC	PUT	
630104 30 5 *	NANTHEALTH INC	COM NEW	
630104 90 5	NANTHEALTH INC	CALL	
630104 95 5	NANTHEALTH INC	PUT	
63011A 10 2	NANO LABS LTD	SPONSORED ADS	
630402 10 5 *	NAPCO SEC TECHNOLOGIES INC	COM	
630402 90 5	NAPCO SEC TECHNOLOGIES INC	CALL	
630402 95 5	NAPCO SEC TECHNOLOGIES INC	PUT	
631103 10 8 *	NASDAQ INC	COM	
631103 90 8	NASDAQ INC	CALL	
631103 95 8	NASDAQ INC	PUT	
632307 AB 0	NATERA INC	NOTE 2.250% 5/0	
632307 10 4 *	NATERA INC	COM	
632307 90 4	NATERA INC	CALL	
632307 95 4	NATERA INC	PUT	
632347 10 0	NATHANS FAMOUS INC NEW	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 472

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
633707 10 4 *	NATIONAL BK HLDGS CORP	CL A	
633707 90 4	NATIONAL BK HLDGS CORP	CALL	
633707 95 4	NATIONAL BK HLDGS CORP	PUT	
634865 10 9	NATIONAL BANKSHARES INC VA	COM	
635017 10 6 *	NATIONAL BEVERAGE CORP	COM	
635017 90 6	NATIONAL BEVERAGE CORP	CALL	
635017 95 6	NATIONAL BEVERAGE CORP	PUT	
635309 10 7 *	NATIONAL CINEMEDIA INC	COM	
635309 90 7	NATIONAL CINEMEDIA INC	CALL	
635309 95 7	NATIONAL CINEMEDIA INC	PUT	
635906 10 0 *	NATIONAL HEALTHCARE CORP	COM	
635906 90 0	NATIONAL HEALTHCARE CORP	CALL	
635906 95 0	NATIONAL HEALTHCARE CORP	PUT	
636180 10 1 *	NATIONAL FUEL GAS CO	COM	
636180 90 1	NATIONAL FUEL GAS CO	CALL	
636180 95 1	NATIONAL FUEL GAS CO	PUT	
636274 40 9 *	NATIONAL GRID PLC	SPONSORED ADR NE	
636274 90 9	NATIONAL GRID PLC	CALL	
636274 95 9	NATIONAL GRID PLC	PUT	
63633D 10 4 *	NATIONAL HEALTH INVS INC	COM	
63633D 90 4	NATIONAL HEALTH INVS INC	CALL	
63633D 95 4	NATIONAL HEALTH INVS INC	PUT	
636518 10 2 *	NATIONAL INSTRS CORP	COM	
636518 90 2	NATIONAL INSTRS CORP	CALL	
636518 95 2	NATIONAL INSTRS CORP	PUT	
637215 10 4	NATIONAL PRESTO INDS INC	COM	
637372 20 2 *	NATIONAL RESH CORP	COM NEW	
637372 90 2	NATIONAL RESH CORP	CALL	
637372 95 2	NATIONAL RESH CORP	PUT	
637417 10 6 *	NATIONAL RETAIL PROPERTIES I	COM	
637417 90 6	NATIONAL RETAIL PROPERTIES I	CALL	
637417 95 6	NATIONAL RETAIL PROPERTIES I	PUT	
637870 10 6 *	NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	
637870 90 6	NATIONAL STORAGE AFFILIATES	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 473

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
637870 95 6	NATIONAL STORAGE AFFILIATES	PUT	
63845R AB 3	NATIONAL VISION HLDGS INC	NOTE 2.500% 5/1	
63845R 10 7 *	NATIONAL VISION HLDGS INC	COM	
63845R 90 7	NATIONAL VISION HLDGS INC	CALL	
63845R 95 7	NATIONAL VISION HLDGS INC	PUT	
638517 10 2	NATIONAL WESTN LIFE GROUP IN	CL A	
63873X 20 8	NATIXIS ETF TR	LOOMIS SAYLES	
63875W 10 9	NATIXIS ETF TRUST II	US EQUITY OPPORT	
63875W 20 8	NATIXIS ETF TRUST II	VAUGHAN NELSN SL	
63875W 30 7	NATIXIS ETF TRUST II	VAUGHAN NLSN MDC	
63884N 10 8 *	NATURA &CO HLDG S A	ADS	
63884N 90 8	NATURA &CO HLDG S A	CALL	
63884N 95 8	NATURA &CO HLDG S A	PUT	
638842 30 2	NATURAL ALTERNATIVES INTL IN	COM NEW	
63886Q 10 9 *	NATURAL GAS SVCS GROUP INC	COM	
63886Q 90 9	NATURAL GAS SVCS GROUP INC	CALL	
63886Q 95 9	NATURAL GAS SVCS GROUP INC	PUT	
63888P 40 6 *	NATURAL HEALTH TRENDS CORP	COM	
63888P 90 6	NATURAL HEALTH TRENDS CORP	CALL	
63888P 95 6	NATURAL HEALTH TRENDS CORP	PUT	
63888U 10 8 *	NATURAL GROCERS BY VITAMIN C	COM	
63888U 90 8	NATURAL GROCERS BY VITAMIN C	CALL	
63888U 95 8	NATURAL GROCERS BY VITAMIN C	PUT	
63900P 60 8 *	NATURAL RESOURCE PARTNERS L	COM UNIT LTD PAR	
63900P 90 8	NATURAL RESOURCE PARTNERS L	CALL	
63900P 95 8	NATURAL RESOURCE PARTNERS L	PUT	
639027 10 1 *	NATURES SUNSHINE PRODS INC	COM	
639027 90 1	NATURES SUNSHINE PRODS INC	CALL	
639027 95 1	NATURES SUNSHINE PRODS INC	PUT	
63905A 20 0	NATUZZI S P A	SPON ADS	
639057 20 7 *	NATWEST GROUP PLC	SPONS ADR	
639057 90 7	NATWEST GROUP PLC	CALL	
639057 95 7	NATWEST GROUP PLC	PUT	
63909J 10 8 *	NAUTILUS BIOTECHNOLOGY INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 474

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
63909J 90 8	NAUTILUS BIOTECHNOLOGY INC	CALL	
63909J 95 8	NAUTILUS BIOTECHNOLOGY INC	PUT	
63910B 10 2 *	NAUTILUS INC	COM	
63910B 90 2	NAUTILUS INC	CALL	
63910B 95 2	NAUTILUS INC	PUT	
63911H 10 8	NAUTICUS ROBOTICS INC	COM	
63911H 11 6	NAUTICUS ROBOTICS INC	*W EXP 03/15/202	
63937X 20 2 *	NAVIDEA BIOPHARMACEUTICALS I	COM NEW	
63937X 90 2	NAVIDEA BIOPHARMACEUTICALS I	CALL	
63937X 95 2	NAVIDEA BIOPHARMACEUTICALS I	PUT	
63938C 10 8 *	NAVIENT CORPORATION	COM	
63938C 90 8	NAVIENT CORPORATION	CALL	
63938C 95 8	NAVIENT CORPORATION	PUT	
63938Y 30 8	NAVIOS MARITIME HOLDINGS INC	SPON ADR PFD H	
63942X 10 6 *	NAVITAS SEMICONDUCTOR CORP	COM	
63942X 90 6	NAVITAS SEMICONDUCTOR CORP	CALL	
63942X 95 6	NAVITAS SEMICONDUCTOR CORP	PUT	
63947X 10 1 *	NCINO INC	COM	
63947X 90 1	NCINO INC	CALL	
63947X 95 1	NCINO INC	PUT	
639494 10 3	NEAR INTELLIGENCE INC	COM	ADDED
639494 11 1	NEAR INTELLIGENCE INC	*W EXP 03/22/202	ADDED
640268 10 8 *	NEKTAR THERAPEUTICS	COM	
640268 90 8	NEKTAR THERAPEUTICS	CALL	
640268 95 8	NEKTAR THERAPEUTICS	PUT	
64031N 10 8 *	NELNET INC	CL A	
64031N 90 8	NELNET INC	CALL	
64031N 95 8	NELNET INC	PUT	
640442 20 8 *	NEMAURA MED INC	COM NEW	
640442 90 8	NEMAURA MED INC	CALL	
640442 95 8	NEMAURA MED INC	PUT	
64049K 10 4 *	NEOLEUKIN THERAPEUTICS INC	COM	
64049K 90 4	NEOLEUKIN THERAPEUTICS INC	CALL	
64049K 95 4	NEOLEUKIN THERAPEUTICS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 475

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
64049M AA 8	NEOGENOMICS INC	NOTE 1.250% 5/0	
64049M AB 6	NEOGENOMICS INC	NOTE 0.250% 1/1	
64049M 20 9 *	NEOGENOMICS INC	COM NEW	
64049M 90 9	NEOGENOMICS INC	CALL	
64049M 95 9	NEOGENOMICS INC	PUT	
640491 10 6 *	NEOGEN CORP	COM	
640491 90 6	NEOGEN CORP	CALL	
640491 95 6	NEOGEN CORP	PUT	
64051M 70 9 *	NEONODE INC	COM PAR	
64051M 90 9	NEONODE INC	CALL	
64051M 95 9	NEONODE INC	PUT	
64065J 40 3	NEOVASC INC	COM NEW	
640655 10 6	NEOVOLTA INC	COM	
640655 11 4	NEOVOLTA INC	*W EXP 04/01/202	
640671 40 0	NEPHROS INC	COM	
64079L 20 4	NEPTUNE WELLNESS SOLUTIONS I	COM NEW	
64081V 10 9 *	NERDY INC	CL A COM	
64081V 90 9	NERDY INC	CALL	
64081V 95 9	NERDY INC	PUT	
64081V 11 7	NERDY INC	*W EXP 08/16/202	
64082B 10 2 *	NERDWALLET INC	COM CL A	
64082B 90 2	NERDWALLET INC	CALL	
64082B 95 2	NERDWALLET INC	PUT	
64107N 20 6 *	LESAKA TECHNOLOGIES INC	COM NEW	
64107N 90 6	LESAKA TECHNOLOGIES INC	CALL	
64107N 95 6	LESAKA TECHNOLOGIES INC	PUT	
64110D 10 4 *	NETAPP INC	COM	
64110D 90 4	NETAPP INC	CALL	
64110D 95 4	NETAPP INC	PUT	
64110L 10 6 *	NETFLIX INC	COM	
64110L 90 6	NETFLIX INC	CALL	
64110L 95 6	NETFLIX INC	PUT	
64110W 10 2 *	NETEASE INC	SPONSORED ADS	
64110W 90 2	NETEASE INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 476

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
64110W 95 2	NETEASE INC	PUT	
64111Q 10 4 *	NETGEAR INC	COM	
64111Q 90 4	NETGEAR INC	CALL	
64111Q 95 4	NETGEAR INC	PUT	
64113L 10 3	NETCAPITAL INC	COM	
64113L 11 1	NETCAPITAL INC	*W EXP 07/12/202	
64115A 40 2 *	NETSOL TECHNOLOGIES INC	COM PAR \$.001	
64115A 90 2	NETSOL TECHNOLOGIES INC	CALL	
64115A 95 2	NETSOL TECHNOLOGIES INC	PUT	
64115T 10 4 *	NETSCOUT SYS INC	COM	
64115T 90 4	NETSCOUT SYS INC	CALL	
64115T 95 4	NETSCOUT SYS INC	PUT	
64119V 30 3 *	NETSTREIT CORP	COM	
64119V 90 3	NETSTREIT CORP	CALL	
64119V 95 3	NETSTREIT CORP	PUT	
64121N 10 9	NETWORK-1 TECHNOLOGIES INC	COM	
64123C 10 1	NEUBERGER BRMAN CLIFRN MUNI	COM	
64124K 10 2	NEUBERGER BERMAN N Y MUN FD	COM	
64124P 10 1	NEUBERGER BERMAN MUN FD INC	COM	
64125C AD 1	NEUROCRINE BIOSCIENCES INC	NOTE 2.250% 5/1	
64125C 10 9 *	NEUROCRINE BIOSCIENCES INC	COM	
64125C 90 9	NEUROCRINE BIOSCIENCES INC	CALL	
64125C 95 9	NEUROCRINE BIOSCIENCES INC	PUT	
641255 80 7	NEUROMETRIX INC	COM	
64128C 10 6	NEUBERGER BERMAN HIGH YIELD	COM	
641288 10 5	NEUROPACE INC	COM	
64129H 10 4	NEUBERGER BERMAN MLP & ENERG	COM	
64130M 20 9 *	NEUROONE MED TECHNOLOGIES CO	COM NEW	
64130M 90 9	NEUROONE MED TECHNOLOGIES CO	CALL	
64130M 95 9	NEUROONE MED TECHNOLOGIES CO	PUT	
64131A 10 5 *	NEURONETICS INC	COM	
64131A 90 5	NEURONETICS INC	CALL	
64131A 95 5	NEURONETICS INC	PUT	
64132K 10 2 *	NEUBASE THERAPEUTICS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 477

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
64132K 90 2	NEUBASE THERAPEUTICS INC	CALL	
64132K 95 2	NEUBASE THERAPEUTICS INC	PUT	
64132R 20 6	NEUROBO PHARMACEUTICALS INC	COM NEW	
64133Q 10 8	NEUBERGER BERMAN NEXT GENERA	COMMON STOCK	
64135A 10 1	NEUBERGER BERMAN ETF TRUST	CARBON TRNSN INF	
64135A 20 0	NEUBERGER BERMAN ETF TRUST	DISRUPTERS ETF	
64135A 30 9	NEUBERGER BERMAN ETF TRUST	NEXT GEN CONNECT	
64135A 40 8	NEUBERGER BERMAN ETF TRUST	BERMAN COMMODITY	
64157F AC 7	NEVRO CORP	NOTE 2.750% 4/0	
64157F 10 3 *	NEVRO CORP	COM	
64157F 90 3	NEVRO CORP	CALL	
64157F 95 3	NEVRO CORP	PUT	
641876 80 0	NEW AMER HIGH INCOME FD INC	COM NEW	
64190A 10 3	NEUBERGER BERMAN REAL ESTATE	COM	
643611 10 6	NEW CONCEPT ENERGY INC	COM	
644206 10 4	NEW ENGLAND RLTY ASSOC LTD P	DEPOSITRY RCPT	
644393 10 0 *	NEW FORTRESS ENERGY INC	COM CL A	
644393 90 0	NEW FORTRESS ENERGY INC	CALL	
644393 95 0	NEW FORTRESS ENERGY INC	PUT	
64440N 10 3 *	NEW FOUND GOLD CORP	COM	
64440N 90 3	NEW FOUND GOLD CORP	CALL	
64440N 95 3	NEW FOUND GOLD CORP	PUT	
644465 10 6	NEW GERMANY FD INC	COM	
644535 10 6 *	NEW GOLD INC CDA	COM	
644535 90 6	NEW GOLD INC CDA	CALL	
644535 95 6	NEW GOLD INC CDA	PUT	
645673 10 4	NEW IRELAND FD INC	COM	DELETED
645827 20 5 *	IDAHO STRATEGIC RESOURCES	COM NEW	
645827 90 5	IDAHO STRATEGIC RESOURCES	CALL	
645827 95 5	IDAHO STRATEGIC RESOURCES	PUT	
646025 10 6 *	NEW JERSEY RES CORP	COM	
646025 90 6	NEW JERSEY RES CORP	CALL	
646025 95 6	NEW JERSEY RES CORP	PUT	
647551 AC 4	NEW MTN FIN CORP	NOTE 5.750% 8/1	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 478

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
647551 10 0 *	NEW MTN FIN CORP	COM	
647551 90 0	NEW MTN FIN CORP	CALL	
647551 95 0	NEW MTN FIN CORP	PUT	
647581 20 6 *	NEW ORIENTAL ED & TECHNOLOGY	SPON ADR	
647581 90 6	NEW ORIENTAL ED & TECHNOLOGY	CALL	
647581 95 6	NEW ORIENTAL ED & TECHNOLOGY	PUT	
64782A 10 7 *	NEW PAC METALS CORP	COM	
64782A 90 7	NEW PAC METALS CORP	CALL	
64782A 95 7	NEW PAC METALS CORP	PUT	
64823D 10 2	NEW PROVIDENCE ACQSITN CORP	CLASS A COM	
64823D 11 0	NEW PROVIDENCE ACQSITN CORP	*W EXP 11/09/202	
64823D 20 1	NEW PROVIDENCE ACQSITN CORP	UNIT 11/04/2026	
64828T 20 1 *	RITHM CAPITAL CORP	COM NEW	
64828T 90 1	RITHM CAPITAL CORP	CALL	
64828T 95 1	RITHM CAPITAL CORP	PUT	
64829B AB 6	NEW RELIC INC	NOTE 0.500% 5/0	
64829B 10 0 *	NEW RELIC INC	COM	
64829B 90 0	NEW RELIC INC	CALL	
64829B 95 0	NEW RELIC INC	PUT	
649439 20 5 *	NEW YORK CITY REIT INC	COM	DELETED
649439 90 5	NEW YORK CITY REIT INC	CALL	DELETED
649439 95 5	NEW YORK CITY REIT INC	PUT	DELETED
649439 30 4 *	AMERICAN STRATEGIC INVEST CO	COM CL A	ADDED
649439 90 4	AMERICAN STRATEGIC INVEST CO	CALL	ADDED
649439 95 4	AMERICAN STRATEGIC INVEST CO	PUT	ADDED
64944P 30 7	NEW YORK CMNTY CAP TR V	UNIT 05/07/2051	
649445 10 3 *	NEW YORK CMNTY BANCORP INC	COM	
649445 90 3	NEW YORK CMNTY BANCORP INC	CALL	
649445 95 3	NEW YORK CMNTY BANCORP INC	PUT	
649604 50 1 *	NEW YORK MTG TR INC	COM PAR \$.02	DELETED
649604 90 1	NEW YORK MTG TR INC	CALL	DELETED
649604 95 1	NEW YORK MTG TR INC	PUT	DELETED
649604 84 0 *	NEW YORK MTG TR INC	COM	ADDED
649604 90 0	NEW YORK MTG TR INC	CALL	ADDED



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 479

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
649604 95 0	NEW YORK MTG TR INC	PUT	ADDED
650111 10 7 *	NEW YORK TIMES CO	CL A	
650111 90 7	NEW YORK TIMES CO	CALL	
650111 95 7	NEW YORK TIMES CO	PUT	
65101L 10 4	NEWBURY STREET ACQUISITN COR	COM	
65101L 11 2	NEWBURY STREET ACQUISITN COR	*W EXP 04/30/202	
65101L 20 3	NEWBURY STREET ACQUISITN COR	UNIT 04/30/2028	
651229 10 6 *	NEWELL BRANDS INC	COM	
651229 90 6	NEWELL BRANDS INC	CALL	
651229 95 6	NEWELL BRANDS INC	PUT	
651450 10 8	NEWHOLD INVESTMENT CORP II	COM CL A	
651450 11 6	NEWHOLD INVESTMENT CORP II	*W EXP 10/21/202	
651450 20 7	NEWHOLD INVESTMENT CORP II	UNIT 10/21/2026	
65158N 10 2 *	NEWMARK GROUP INC	CL A	
65158N 90 2	NEWMARK GROUP INC	CALL	
65158N 95 2	NEWMARK GROUP INC	PUT	
651587 10 7 *	NEWMARKET CORP	COM	
651587 90 7	NEWMARKET CORP	CALL	
651587 95 7	NEWMARKET CORP	PUT	
651639 10 6 *	NEWMONT CORP	COM	
651639 90 6	NEWMONT CORP	CALL	
651639 95 6	NEWMONT CORP	PUT	
651718 50 4 *	NEWPARK RES INC	COM PAR \$.01NEW	
651718 90 4	NEWPARK RES INC	CALL	
651718 95 4	NEWPARK RES INC	PUT	
65249B 10 9 *	NEWS CORP NEW	CL A	
65249B 90 9	NEWS CORP NEW	CALL	
65249B 95 9	NEWS CORP NEW	PUT	
65249B 20 8 *	NEWS CORP NEW	CL B	
65249B 90 8	NEWS CORP NEW	CALL	
65249B 95 8	NEWS CORP NEW	PUT	
652526 20 3 *	NEWTEKONE INC	COM NEW	
652526 90 3	NEWTEKONE INC	CALL	
652526 95 3	NEWTEKONE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 480

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
65290C 10 5 *	NEXTIER OILFIELD SOLUTIONS	COM	
65290C 90 5	NEXTIER OILFIELD SOLUTIONS	CALL	
65290C 95 5	NEXTIER OILFIELD SOLUTIONS	PUT	
65290E 10 1 *	NEXTRACKER INC	CLASS A COM	ADDED
65290E 90 1	NEXTRACKER INC	CALL	ADDED
65290E 95 1	NEXTRACKER INC	PUT	ADDED
65336K 10 3 *	NEXSTAR MEDIA GROUP INC	COMMON STOCK	
65336K 90 3	NEXSTAR MEDIA GROUP INC	CALL	
65336K 95 3	NEXSTAR MEDIA GROUP INC	PUT	
65339F 10 1 *	NEXTERA ENERGY INC	COM	
65339F 90 1	NEXTERA ENERGY INC	CALL	
65339F 95 1	NEXTERA ENERGY INC	PUT	
65339F 71 3	NEXTERA ENERGY INC	UNIT 09/01/2025	
65339F 73 9	NEXTERA ENERGY INC	UNIT 09/01/2023	
65339F 77 0	NEXTERA ENERGY INC	UNIT 03/01/2023	DELETED
65340G 20 5	NEXPOINT DIVERSIFIED REL ET	COM NEW	
65340P 10 6 *	NEXGEN ENERGY LTD	COM	
65340P 90 6	NEXGEN ENERGY LTD	CALL	
65340P 95 6	NEXGEN ENERGY LTD	PUT	
65341B 10 6 *	NEXTERA ENERGY PARTNERS LP	COM UNIT PART IN	
65341B 90 6	NEXTERA ENERGY PARTNERS LP	CALL	
65341B 95 6	NEXTERA ENERGY PARTNERS LP	PUT	
65341D 10 2 *	NEXPOINT RESIDENTIAL TR INC	COM	
65341D 90 2	NEXPOINT RESIDENTIAL TR INC	CALL	
65341D 95 2	NEXPOINT RESIDENTIAL TR INC	PUT	
65342K 10 5 *	NEXTDECADE CORP	COM	
65342K 90 5	NEXTDECADE CORP	CALL	
65342K 95 5	NEXTDECADE CORP	PUT	
65342T 10 6	NI HLDGS INC	COM	
65342V 10 1 *	NEXPOINT REAL ESTATE FIN INC	COM	
65342V 90 1	NEXPOINT REAL ESTATE FIN INC	CALL	
65342V 95 1	NEXPOINT REAL ESTATE FIN INC	PUT	
65343C 10 2 *	NEXTGEN HEALTHCARE INC	COM	
65343C 90 2	NEXTGEN HEALTHCARE INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 481

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
65343C 95 2	NEXTGEN HEALTHCARE INC	PUT	
65343E 10 8 *	NEXTCURE INC	COM	
65343E 90 8	NEXTCURE INC	CALL	
65343E 95 8	NEXTCURE INC	PUT	
65344D 10 9	NEXIMMUNE INC	COM	
65344E 10 7	NEXGEL INC	COM	
65344E 11 5	NEXGEL INC	*W EXP 12/01/202	
65344G 10 2	NEXTPLAY TECHNOLOGIES INC	COM	DELETED
65344G 20 1	NEXTPLAY TECHNOLOGIES INC	COM NEW	ADDED
65345B 11 0	NEXALIN TECHNOLOGY INC	*W EXP 09/15/202	
65345B 20 1	NEXALIN TECHNOLOGY INC	COM	
65345M 10 8 *	NEXTDOOR HOLDINGS INC	COM CL A	
65345M 90 8	NEXTDOOR HOLDINGS INC	CALL	
65345M 95 8	NEXTDOOR HOLDINGS INC	PUT	
65345N 10 6	NEXTNAV INC	COMMON STOCK	
65345N 11 4	NEXTNAV INC	*W EXP 10/28/202	
653656 AB 4	NICE LTD	NOTE 9/1	
653656 10 8 *	NICE LTD	SPONSORED ADR	
653656 90 8	NICE LTD	CALL	
653656 95 8	NICE LTD	PUT	
65366H AB 9	NICE SYS INC	NOTE 1.250% 1/1	
65373J 20 9	NICHOLAS FINL INC BC	COM NEW	
65406E 10 2 *	NICOLET BANKSHARES INC	COM	
65406E 90 2	NICOLET BANKSHARES INC	CALL	
65406E 95 2	NICOLET BANKSHARES INC	PUT	
654106 10 3 *	NIKE INC	CL B	
654106 90 3	NIKE INC	CALL	
654106 95 3	NIKE INC	PUT	
654110 10 5 *	NIKOLA CORP	COM	
654110 90 5	NIKOLA CORP	CALL	
654110 95 5	NIKOLA CORP	PUT	
654405 20 8 *	9 METERS BIOPHARMA INC	COM NEW	
654405 90 8	9 METERS BIOPHARMA INC	CALL	
654405 95 8	9 METERS BIOPHARMA INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 482

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
65441V 10 1 *	NINE ENERGY SERVICE INC	COM	
65441V 90 1	NINE ENERGY SERVICE INC	CALL	
65441V 95 1	NINE ENERGY SERVICE INC	PUT	
65442R 10 9	9F INC	SPONSORED ADS	DELETED
65442R 20 8	9F INC	SPON ADS NEW	ADDED
65443P 10 2 *	908 DEVICES INC	COM	
65443P 90 2	908 DEVICES INC	CALL	
65443P 95 2	908 DEVICES INC	PUT	
654484 15 3	NIOCORP DEVS LTD	*W EXP 03/17/202	ADDED
654484 60 9	NIOCORP DEVS LTD	COM NEW	ADDED
65473P 10 5 *	NISOURCE INC	COM	
65473P 90 5	NISOURCE INC	CALL	
65473P 95 5	NISOURCE INC	PUT	
65473P 12 1	NISOURCE INC	UNIT 12/01/2023	
65481N 10 0 *	NIU TECHNOLOGIES	ADS	
65481N 90 0	NIU TECHNOLOGIES	CALL	
65481N 95 0	NIU TECHNOLOGIES	PUT	
65487K 10 0 *	NLIGHT INC	COM	
65487K 90 0	NLIGHT INC	CALL	
65487K 95 0	NLIGHT INC	PUT	
65487U 10 8 *	NKARTA INC	COM	
65487U 90 8	NKARTA INC	CALL	
65487U 95 8	NKARTA INC	PUT	
65487X 10 2 *	NOAH HLDGS LTD	SPON ADS CL A	
65487X 90 2	NOAH HLDGS LTD	CALL	
65487X 95 2	NOAH HLDGS LTD	PUT	
654902 20 4 *	NOKIA CORP	SPONSORED ADR	
654902 90 4	NOKIA CORP	CALL	
654902 95 4	NOKIA CORP	PUT	
655186 50 0	NOCERA INC	COM	
655187 10 2	ACLARION INC	COM	
655187 11 0	ACLARION INC	*W EXP 04/21/202	
65528N AB 1	NOGIN INC	DEBT 7.000% 9/0	
65528N 10 5	NOGIN INC	COM	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 483

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
65528N 11 3	NOGIN INC	*W EXP 08/26/202	
65528N 20 4	NOGIN INC	COM NEW	ADDED
65535H 20 8 *	NOMURA HLDGS INC	SPONSORED ADR	
65535H 90 8	NOMURA HLDGS INC	CALL	
65535H 95 8	NOMURA HLDGS INC	PUT	
65540B 10 5 *	NOODLES & CO	COM CL A	
65540B 90 5	NOODLES & CO	CALL	
65540B 95 5	NOODLES & CO	PUT	
655663 10 2 *	NORDSON CORP	COM	
655663 90 2	NORDSON CORP	CALL	
655663 95 2	NORDSON CORP	PUT	
655664 10 0 *	NORDSTROM INC	COM	
655664 90 0	NORDSTROM INC	CALL	
655664 95 0	NORDSTROM INC	PUT	
655844 10 8 *	NORFOLK SOUTHN CORP	COM	
655844 90 8	NORFOLK SOUTHN CORP	CALL	
655844 95 8	NORFOLK SOUTHN CORP	PUT	
656553 10 4	NORTECH SYS INC	COM	
656811 10 6 *	NORTH AMERN CONSTR GROUP LTD	COM	
656811 90 6	NORTH AMERN CONSTR GROUP LTD	CALL	
656811 95 6	NORTH AMERN CONSTR GROUP LTD	PUT	
659310 10 6 *	NORTH EUROPEAN OIL RTY TR	SH BEN INT	
659310 90 6	NORTH EUROPEAN OIL RTY TR	CALL	
659310 95 6	NORTH EUROPEAN OIL RTY TR	PUT	
66405S 10 0	NORTHEAST BK LEWISTON ME	COM	
664121 10 0 *	NORTHEAST CMNTY BANCORP INC	COM	
664121 90 0	NORTHEAST CMNTY BANCORP INC	CALL	
664121 95 0	NORTHEAST CMNTY BANCORP INC	PUT	
66510M 20 4 *	NORTHERN DYNASTY MINERALS LT	COM NEW	
66510M 90 4	NORTHERN DYNASTY MINERALS LT	CALL	
66510M 95 4	NORTHERN DYNASTY MINERALS LT	PUT	
66516W 10 7	NORTHERN GENESIS ACQU CORP I	COM	DELETED
66516W 11 5	NORTHERN GENESIS ACQU CORP I	*W EXP 12/31/202	DELETED
66516W 20 6	NORTHERN GENESIS ACQU CORP I	UNIT 99/99/9999	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 484

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
66538F 22 3	NORTHERN LTS FD TR II	AMBERWAVE INVEST	DELETED
66538F 23 1	NORTHERN LTS FD TR II	THE FUTURE FUND	
66538F 24 9	NORTHERN LTS FD TR II	LIFEGOAL WEALTH	
66538F 25 6	NORTHERN LTS FD TR II	LIFEGOAL HOME DO	
66538F 26 4	NORTHERN LTS FD TR II	LIFEGOAL CONSERV	
66538H 13 8	NORTHERN LTS FD TR IV	LONG CRAMER TRKR	ADDED
66538H 14 6	NORTHERN LTS FD TR IV	INVERSE CRAMER	ADDED
66538H 17 9	NORTHERN LTS FD TR IV	MAIN BUYWRITE	
66538H 18 7	NORTHERN LTS FD TR IV	INSPIRE FIDELIS	
66538H 19 5 *	NORTHERN LTS FD TR IV	R3 GBL DIVIDEND	
66538H 90 5	NORTHERN LTS FD TR IV	CALL	
66538H 95 5	NORTHERN LTS FD TR IV	PUT	
66538H 21 1	NORTHERN LTS FD TR IV	FMC EXCELSIOR FO	
66538H 22 9	NORTHERN LTS FD TR IV	STERLING CAP DIV	
66538H 23 7	NORTHERN LTS FD TR IV	MAIN INTNL ETF	
66538H 24 5	NORTHERN LTS FD TR IV	MONARCH PROCAP	
66538H 25 2	NORTHERN LTS FD TR IV	MONARCH BLUE CH	
66538H 26 0	NORTHERN LTS FD TR IV	MONARCH AMBASADR	
66538H 27 8 *	NORTHERN LTS FD TR IV	MAIN THEMATC IN	
66538H 90 8	NORTHERN LTS FD TR IV	CALL	
66538H 95 8	NORTHERN LTS FD TR IV	PUT	
66538H 36 9	NORTHERN LTS FD TR IV	INSPIRE FAITH MD	
66538H 38 5	NORTHERN LTS FD TR IV	STERLING CAPITAL	
66538H 39 3	NORTHERN LTS FD TR IV	INSPIRE TACTICAL	
66538H 41 9	NORTHERN LTS FD TR IV	INSPIRE INTL ETF	
66538H 53 4 *	NORTHERN LTS FD TR IV	INSPIRE 100 ETF	
66538H 90 4	NORTHERN LTS FD TR IV	CALL	
66538H 95 4	NORTHERN LTS FD TR IV	PUT	
66538H 56 7	NORTHERN LTS FD TR IV	FRMLAFLIO SMRT	
66538H 57 5	NORTHERN LTS FD TR IV	FRMLAFLIO TACT	
66538H 59 1 *	NORTHERN LTS FD TR IV	MAIN SECTR ROTN	
66538H 90 1	NORTHERN LTS FD TR IV	CALL	
66538H 95 1	NORTHERN LTS FD TR IV	PUT	
66538H 63 3	NORTHERN LTS FD TR IV	INSPIRE CORP BD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 485

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
66538H 64 1	NORTHERN LTS FD TR IV	INSPIRE SML/ MID	
66538H 65 8	NORTHERN LTS FD TR IV	INSPIRE GBL HOPE	
66538H 66 6	NORTHERN LTS FD TR IV	FRMLAFOLIOS TATL	
66538H 67 4	NORTHERN LTS FD TR IV	FORMULA FOLIOS	
66538J 72 0	NORTHERN LIGHTS FD TR	TOEWS AGILTY SHS	
66538J 73 8	NORTHERN LIGHTS FD TR	TOEWS AGLTY DNYM	
66538R 63 1	NORTHERN LTS FD TR III	FPA GBL EQTY ETF	
66538R 72 2	NORTHERN LTS FD TR III	CP HI YLD TRND	
66538R 73 0	NORTHERN LTS FD TR III	HCM DEFEN 500	
66538R 74 8 *	NORTHERN LTS FD TR III	HCM DEFND 100	
66538R 90 8	NORTHERN LTS FD TR III	CALL	
66538R 95 8	NORTHERN LTS FD TR III	PUT	
665531 30 7 *	NORTHERN OIL AND GAS INC MN	COM	
665531 90 7	NORTHERN OIL AND GAS INC MN	CALL	
665531 95 7	NORTHERN OIL AND GAS INC MN	PUT	
66573W 10 7 *	NORTHERN STAR INVSTMNT CORP	COM CLASS A	
66573W 90 7	NORTHERN STAR INVSTMNT CORP	CALL	
66573W 95 7	NORTHERN STAR INVSTMNT CORP	PUT	
66573W 11 5	NORTHERN STAR INVSTMNT CORP	*W EXP 01/31/202	
66573W 20 6	NORTHERN STAR INVSTMNT CORP	UNIT 01/31/2028	
66574L 10 0	NORTHERN STAR INVEST CORP II	COM CL A	
66574L 20 9	NORTHERN STAR INVEST CORP II	UNIT 02/25/2028	
66575B 10 1	NORTHERN STAR INVEST CORP IV	COM CL A	
66575B 11 9	NORTHERN STAR INVEST CORP IV	*W EXP 02/25/202	
66575B 20 0	NORTHERN STAR INVEST CORP IV	UNIT 02/25/2028	
665809 10 9	NORTHERN TECHNOLOGIES INTL C	COM	
665859 10 4 *	NORTHERN TR CORP	COM	
665859 90 4	NORTHERN TR CORP	CALL	
665859 95 4	NORTHERN TR CORP	PUT	
66611T 10 8 *	NORTHFIELD BANCORP INC DEL	COM	
66611T 90 8	NORTHFIELD BANCORP INC DEL	CALL	
66611T 95 8	NORTHFIELD BANCORP INC DEL	PUT	
666762 10 9	NORTHRIM BANCORP INC	COM	
666807 10 2 *	NORTHROP GRUMMAN CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 486

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
666807 90 2	NORTHROP GRUMMAN CORP	CALL	
666807 95 2	NORTHROP GRUMMAN CORP	PUT	
66718N 10 3	NORTHVIEW ACQUISITION CORP	COM	
66718N 11 1	NORTHVIEW ACQUISITION CORP	*W EXP 08/02/202	
66718N 12 9	NORTHVIEW ACQUISITION CORP	RIGHT 99/99/9999	
667340 10 3 *	NORTHWEST BANCSHARES INC MD	COM	
667340 90 3	NORTHWEST BANCSHARES INC MD	CALL	
667340 95 3	NORTHWEST BANCSHARES INC MD	PUT	
66765N 10 5 *	NORTHWEST NAT HLDG CO	COM	
66765N 90 5	NORTHWEST NAT HLDG CO	CALL	
66765N 95 5	NORTHWEST NAT HLDG CO	PUT	
667746 10 1 *	NORTHWEST PIPE CO	COM	
667746 90 1	NORTHWEST PIPE CO	CALL	
667746 95 1	NORTHWEST PIPE CO	PUT	
668074 30 5 *	NORTHWESTERN CORP	COM NEW	
668074 90 5	NORTHWESTERN CORP	CALL	
668074 95 5	NORTHWESTERN CORP	PUT	
668771 10 8 *	GEN DIGITAL INC	COM	
668771 90 8	GEN DIGITAL INC	CALL	
668771 95 8	GEN DIGITAL INC	PUT	
669549 10 7	NORWOOD FINL CORP	COM	
66979P 20 1	NOVA LIFESTYLE INC	COM NEW	
66979W 84 2 *	NOUVEAU MONDE GRAPHITE INC	COM NEW	
66979W 90 2	NOUVEAU MONDE GRAPHITE INC	CALL	
66979W 95 2	NOUVEAU MONDE GRAPHITE INC	PUT	
66980M AB 2	NOVA LTD	NOTE	10/1
66981J 10 2 *	MINISO GROUP HLDG LTD	SPONSORED ADS	
66981J 90 2	MINISO GROUP HLDG LTD	CALL	
66981J 95 2	MINISO GROUP HLDG LTD	PUT	
66987E 20 6 *	NOVAGOLD RES INC	COM NEW	
66987E 90 6	NOVAGOLD RES INC	CALL	
66987E 95 6	NOVAGOLD RES INC	PUT	
66987P 30 0	NOVABAY PHARMACEUTICALS INC	COM	
66987V 10 9 *	NOVARTIS AG	SPONSORED ADR	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 487

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
66987V 90 9	NOVARTIS AG	CALL	
66987V 95 9	NOVARTIS AG	PUT	
66988N 20 5 *	NOVAN INC	COM NEW	
66988N 90 5	NOVAN INC	CALL	
66988N 95 5	NOVAN INC	PUT	
67000B 10 4 *	NOVANTA INC	COM	
67000B 90 4	NOVANTA INC	CALL	
67000B 95 4	NOVANTA INC	PUT	
670002 AB 0	NOVAVAX INC	NOTE 3.750% 2/0	DELETED
670002 40 1 *	NOVAVAX INC	COM NEW	
670002 90 1	NOVAVAX INC	CALL	
670002 95 1	NOVAVAX INC	PUT	
67010L 10 0 *	NOVONIX LIMITED	SPONSORED ADS	
67010L 90 0	NOVONIX LIMITED	CALL	
67010L 95 0	NOVONIX LIMITED	PUT	
670100 20 5 *	NOVO-NORDISK A S	ADR	
670100 90 5	NOVO-NORDISK A S	CALL	
670100 95 5	NOVO-NORDISK A S	PUT	
67011P 10 0 *	NOW INC	COM	
67011P 90 0	NOW INC	CALL	
67011P 95 0	NOW INC	PUT	
67011T 20 1	NOVO INTEGRATED SCIENCES INC	COM NEW	
67011X AB 9	NOVOCURE LTD	NOTE 11/0	
67018T 10 5 *	NU SKIN ENTERPRISES INC	CL A	
67018T 90 5	NU SKIN ENTERPRISES INC	CALL	
67018T 95 5	NU SKIN ENTERPRISES INC	PUT	
67021W 10 3 *	NUBURU INC	COMMON STOCK	ADDED
67021W 90 3	NUBURU INC	CALL	ADDED
67021W 95 3	NUBURU INC	PUT	ADDED
67021W 11 1	NUBURU INC	*W EXP 01/31/202	ADDED
67022C 10 6	NUCANA PLC	SPONSORED ADR	
67022R 10 3	NUBIA BRAND INTERNATIONAL CO	CLASS A COM	
67022R 11 1	NUBIA BRAND INTERNATIONAL CO	*W EXP 11/16/202	
67022R 20 2	NUBIA BRAND INTERNATIONAL CO	UNIT 11/16/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 488

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
670346 10 5 *	NUCOR CORP	COM	
670346 90 5	NUCOR CORP	CALL	
670346 95 5	NUCOR CORP	PUT	
67058H 10 2 *	NUSTAR ENERGY LP	UNIT COM	
67058H 90 2	NUSTAR ENERGY LP	CALL	
67058H 95 2	NUSTAR ENERGY LP	PUT	
67059N AB 4	NUTANIX INC	NOTE 1/1	DELETED
67059N AH 1	NUTANIX INC	NOTE 0.250%10/0	
67059N 10 8 *	NUTANIX INC	CL A	
67059N 90 8	NUTANIX INC	CALL	
67059N 95 8	NUTANIX INC	PUT	
6706EN 10 0	NUVEEN FLOATING RATE INCOME	COM SHS	
6706ER 10 1	NUVEEN S&P 500 BUY-WRITE INC	COM	
6706EW 10 0	NUVEEN S&P 500 DYNAMIC OVERW	COM	
67060Q 10 8	NUVEEN MISSOURI QLT MUN INC	COM	
67061E 10 4	NUVEEN MASSACHUSETTS QLT MUN	COM	
67061T 10 1	NUVEEN SELECT MAT MUN FD	SH BEN INT	
67061W 10 4	NUVEEN ARIZONA QLT MUN INC	COM	
67062C 10 7	NUVEEN CALIFORNIA MUNI VLU F	COM STK	
67062F 10 0	NUVEEN SELECT TAX-FREE INCOM	SH BEN INT	
67062J 10 2	NUVEEN MUN INCOME FD INC	COM	
67062M 10 5	NUVEEN N Y MUN VALUE FD	COM	
67063R 10 3	NUVEEN CALIF SELECT TAX FREE	SH BEN INT	
67063V 10 4	NUVEEN N Y SELECT TAX FREE I	SH BEN INT	
67064R 10 2	NUVEEN VIRGINIA QLT MUNCPL	COM	
670651 10 8	NUVEEN CALIFORNIA AMT QLT MU	COM	
670656 10 7	NUVEEN NEW YORK AMT QLT MUNI	COM	
670657 10 5	NUVEEN AMT FREE QLT MUN INC	COM	
67066G 10 4 *	NVIDIA CORPORATION	COM	
67066G 90 4	NVIDIA CORPORATION	CALL	
67066G 95 4	NVIDIA CORPORATION	PUT	
67066V 10 1	NUVEEN QUALITY MUNCPL INCOME	COM	
67066X 10 7 *	NUVEEN NEW YORK QLT MUN INC	COM	
67066X 90 7	NUVEEN NEW YORK QLT MUN INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 489

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
67066X 95 7	NUVEEN NEW YORK QLT MUN INC	PUT	
67066Y 10 5	NUVEEN CA QUALTY MUN INCOME	COM	
670663 10 3	NUVEEN MUN CR OPPORTUNITIES	COM	
67067Y 10 4	NUVEEN SR INCOME FD	COM	
670671 10 6	NUVEEN INTER DURATION MUN TE	COM	DELETED
670677 10 3	NUVEEN INT DUR QUAL MUN TRM	COM	
670682 10 3	NUVEEN MUN HIGH INCOME OPPOR	COM	
67069Y 10 2	NUVEEN NEW JERSEY QULT MUN F	COM	
670695 10 5	NUVEEN AMT-FREE MUN VALUE FD	COM	
670699 10 7	NUVEEN NASDAQ 100 DYNAMIC OV	COM SHS	
67070X 10 1	NUVEEN MUNICIPAL CREDIT INC	COM SH BEN INT	
670703 10 7 *	NUVALENT INC	COM	
670703 90 7	NUVALENT INC	CALL	
670703 95 7	NUVALENT INC	PUT	
670704 AJ 4	NUVASIVE INC	NOTE 0.375% 3/1	
670704 AL 9	NUVASIVE INC	NOTE 1.000% 6/0	
670704 10 5 *	NUVASIVE INC	COM	
670704 90 5	NUVASIVE INC	CALL	
670704 95 5	NUVASIVE INC	PUT	
67071B 10 8	NUVEEN REAL ESTATE INCOME FD	COM	
67071L 10 6	NUVEEN AMT FREE MUN CR INC F	COM	
67072B 10 7	NUVEEN GEORGIA QLTY MUN INC	COM	
67072C 10 5	NUVEEN PFD & INCOME SECS FD	COM	
67072T 10 8	NUVEEN FLOATING RATE INCOME	COM	
67073B 10 6	NUVEEN PFD & INCOME OPPORTUN	COM	
67073D 10 2	NUVEEN CR STRATEGIES INCOME	COM SHS	
67073S 30 7 *	NUZEE INC	COM	
67073S 90 7	NUZEE INC	CALL	
67073S 95 7	NUZEE INC	PUT	
670734 10 2	NUVEEN MINN QUALITY MUN INM	SHS	
670735 10 9	NUVEEN MORTGAGE AND INCOME F	COM	
67074C 10 3	NUVEEN TAXABLE MUNICIPAL INM	COM	
67074X 10 7	NUVEEN SHORT DURATION CR OPP	COM	
67074Y 10 5	NUVEEN REAL ASSET INCOME & G	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 490

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67075A 10 6	NUVEEN PFD & INCOME TERM FD	COM	
67075F 10 5	NUVEEN DOW 30 DYNMC OVERWRT	SHS	
67075G 10 3	NUVEEN GLOBAL HIGH INCOME FD	SHS	
67075J 10 7	NUVEEN MULTI-MKT INCOME FD	COM	
67075T 10 5	NUVEEN PREFERRED AND INCOME	COM SHS BEN INT	
670750 10 8	NUVEEN MULTI ASSET INCOME FU	COM	
67077M 10 8 *	NUTRIEN LTD	COM	
67077M 90 8	NUTRIEN LTD	CALL	
67077M 95 8	NUTRIEN LTD	PUT	
67079A 10 2 *	NUVEI CORPORATION	SUB VTG SHS	
67079A 90 2	NUVEI CORPORATION	CALL	
67079A 95 2	NUVEI CORPORATION	PUT	
67079F 10 1	NUVEEN CORPORATE INCOME 2023	COM	
67079K 10 0 *	NUSCALE PWR CORP	CL A COM	
67079K 90 0	NUSCALE PWR CORP	CALL	
67079K 95 0	NUSCALE PWR CORP	PUT	
67079K 11 8	NUSCALE PWR CORP	*W EXP 05/02/202	
67079U 10 8	NUTEX HEALTH INC	COM	
67079X 10 2	NUVEEN DYNAMIC MUN OPPORTUNI	COM SHS	
67079Y 10 0 *	NUVVE HOLDING CORP	COM	
67079Y 90 0	NUVVE HOLDING CORP	CALL	
67079Y 95 0	NUVVE HOLDING CORP	PUT	
67079Y 11 8	NUVVE HOLDING CORP	*W EXP 03/19/202	
67080D 10 3	NUVEEN CORE PLUS IMPACT FUND	COM BEN INT	
67080M 10 3 *	NURIX THERAPEUTICS INC	COM	
67080M 90 3	NURIX THERAPEUTICS INC	CALL	
67080M 95 3	NURIX THERAPEUTICS INC	PUT	
67080N 10 1 *	NUVATION BIO INC	COM CL A	
67080N 90 1	NUVATION BIO INC	CALL	
67080N 95 1	NUVATION BIO INC	PUT	
67080N 11 9	NUVATION BIO INC	*W EXP 07/07/202	
67080R 10 2	NUVEEN VRIABL RAT PFD & INM	COM	
67080T 10 8	NUVECTIS PHARMA INC	COM	
670837 10 3 *	OGE ENERGY CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 491

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
670837 90 3	OGE ENERGY CORP	CALL	
670837 95 3	OGE ENERGY CORP	PUT	
67086U 30 7	OLB GROUP INC	COM	
670865 10 4	OCA ACQUISITION CORP	COM CL A	
670865 11 2	OCA ACQUISITION CORP	*W EXP 01/14/202	
670865 20 3	OCA ACQUISITION CORP	UNIT 01/14/2026	
67090X 10 7	NUVEEN CORE EQUITY ALPHA FD	COM	
67091J 40 4 *	LOGICMARK INC	COM NEW	
67091J 90 4	LOGICMARK INC	CALL	
67091J 95 4	LOGICMARK INC	PUT	
67092M 12 5	NUTRIBAND INC	*W EXP 09/30/202	
67092M 20 8	NUTRIBAND INC	COM NEW	
67092P 10 2	NUSHARES ETF TR	NUVEEN ENHNC YLD	
67092P 11 0	NUSHARES ETF TR	NUVEEN ENHCD 1 5	
67092P 20 1	NUSHARES ETF TR	NUVEEN ESG LRGCP	
67092P 30 0	NUSHARES ETF TR	NUVEEN ESG LRGVL	
67092P 40 9	NUSHARES ETF TR	NUVEEN ESG MIDCP	
67092P 50 8	NUSHARES ETF TR	NUVEEN ESG MIDVL	
67092P 60 7 *	NUSHARES ETF TR	NUVEEN ESG SMLCP	
67092P 90 7	NUSHARES ETF TR	CALL	
67092P 95 7	NUSHARES ETF TR	PUT	
67092P 70 6	NUSHARES ETF TR	NUVEEN SHRT TERM	
67092P 78 9	NUSHARES ETF TR	GLOBAL NET ZERO	
67092P 79 7	NUSHARES ETF TR	GET OPP ETF	
67092P 80 5	NUSHARES ETF TR	NUVEEN ESG INTL	
67092P 81 3	NUSHARES ETF TR	ESG DIVIDEND ETF	
67092P 82 1	NUSHARES ETF TR	NUVEEN DIVIDEND	
67092P 83 9	NUSHARES ETF TR	NUVEEN SMALL CAP	
67092P 84 7	NUSHARES ETF TR	NUVEEN LARG CAP	
67092P 85 4	NUSHARES ETF TR	ESG HI TLD CRP	
67092P 86 2	NUSHARES ETF TR	ESG LARGE CAP	
67092P 87 0	NUSHARES ETF TR	NUVEEN ESG US	
67092P 88 8	NUSHARES ETF TR	NUVEEN ESG EMRGN	
670928 10 0	NUVEEN MUN VALUE FD INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 492

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
670972 10 8	NUVEEN PENNSYLVANIA QLT MUN	COM	
67098H 10 4 *	O-I GLASS INC	COM	
67098H 90 4	O-I GLASS INC	CALL	
67098H 95 4	O-I GLASS INC	PUT	
670980 10 1	NUVEEN OHIO QLTY MUN INCOME	COM	
671005 10 6	OPY ACQUISITION CORP I	COM CL A	
671005 11 4	OPY ACQUISITION CORP I	*W EXP 09/22/202	
671005 20 5	OPY ACQUISITION CORP I	UNIT 09/22/2026	
67103B 10 0 *	OFS CAP CORP	COM	
67103B 90 0	OFS CAP CORP	CALL	
67103B 95 0	OFS CAP CORP	PUT	
67103H 10 7 *	OREILLY AUTOMOTIVE INC	COM	
67103H 90 7	OREILLY AUTOMOTIVE INC	CALL	
67103H 95 7	OREILLY AUTOMOTIVE INC	PUT	
67103X 10 2 *	OFG BANCORP	COM	
67103X 90 2	OFG BANCORP	CALL	
67103X 95 2	OFG BANCORP	PUT	
671044 10 5 *	OSI SYSTEMS INC	COM	
671044 90 5	OSI SYSTEMS INC	CALL	
671044 95 5	OSI SYSTEMS INC	PUT	
67107W 10 0 *	O2MICRO INTERNATIONAL LIMITE	SPONS ADR	DELETED
67107W 90 0	O2MICRO INTERNATIONAL LIMITE	CALL	DELETED
67107W 95 0	O2MICRO INTERNATIONAL LIMITE	PUT	DELETED
67109R 10 9 *	OP BANCORP	COM	
67109R 90 9	OP BANCORP	CALL	
67109R 95 9	OP BANCORP	PUT	
67111Q 10 7	OFS CREDIT COMPANY INC	COM	
67113Y 40 5	NUWELLIS INC	COM	
671807 10 5	OAK VY BANCORP OAKDALE CALIF	COM	
67181A AB 3	OAK STR HEALTH INC	NOTE	3/1
67181A 10 7 *	OAK STR HEALTH INC	COM	
67181A 90 7	OAK STR HEALTH INC	CALL	
67181A 95 7	OAK STR HEALTH INC	PUT	
67190B 20 3	OAK WOODS ACQUISITION CORP	UNIT 03/23/2028	ADDED

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 493

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67401P 10 8 *	OAKTREE SPECIALTY LENDING CO	COM	DELETED
67401P 90 8	OAKTREE SPECIALTY LENDING CO	CALL	DELETED
67401P 95 8	OAKTREE SPECIALTY LENDING CO	PUT	DELETED
67401P 40 5 *	OAKTREE SPECIALTY LENDING CO	COM	ADDED
67401P 90 5	OAKTREE SPECIALTY LENDING CO	CALL	ADDED
67401P 95 5	OAKTREE SPECIALTY LENDING CO	PUT	ADDED
67421J 10 8 *	OATLY GROUP AB	SPONSORED ADS	
67421J 90 8	OATLY GROUP AB	CALL	
67421J 95 8	OATLY GROUP AB	PUT	
674215 20 7 *	CHORD ENERGY CORPORATION	COM NEW	
674215 90 7	CHORD ENERGY CORPORATION	CALL	
674215 95 7	CHORD ENERGY CORPORATION	PUT	
674434 10 5 *	OBLONG INC	COM	DELETED
674434 90 5	OBLONG INC	CALL	DELETED
674434 95 5	OBLONG INC	PUT	DELETED
674434 20 4 *	OBLONG INC	COM NEW	ADDED
674434 90 4	OBLONG INC	CALL	ADDED
674434 95 4	OBLONG INC	PUT	ADDED
674482 20 3 *	OBSDIAN ENERGY LTD	COM	
674482 90 3	OBSDIAN ENERGY LTD	CALL	
674482 95 3	OBSDIAN ENERGY LTD	PUT	
674599 10 5 *	OCCIDENTAL PETE CORP	COM	
674599 90 5	OCCIDENTAL PETE CORP	CALL	
674599 95 5	OCCIDENTAL PETE CORP	PUT	
674599 16 2	OCCIDENTAL PETE CORP	*W EXP 08/03/202	
674870 50 6 *	OCEAN PWR TECHNOLOGIES INC	COM NEW	
674870 90 6	OCEAN PWR TECHNOLOGIES INC	CALL	
674870 95 6	OCEAN PWR TECHNOLOGIES INC	PUT	
675232 10 2 *	OCEANEERING INTL INC	COM	
675232 90 2	OCEANEERING INTL INC	CALL	
675232 95 2	OCEANEERING INTL INC	PUT	
675234 10 8 *	OCEANFIRST FINL CORP	COM	
675234 90 8	OCEANFIRST FINL CORP	CALL	
675234 95 8	OCEANFIRST FINL CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 494

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
675507 10 7	OCEANTECH ACQUISITIONS I COR	CLASS A COM	
675507 11 5	OCEANTECH ACQUISITIONS I COR	*W EXP 99/99/999	
675507 20 6	OCEANTECH ACQUISITIONS I COR	UNIT 05/12/2026	
675607 10 5	OCONEE FED FINL CORP	COM	
675746 60 6 *	OCWEN FINL CORP	COM NEW	
675746 90 6	OCWEN FINL CORP	CALL	
675746 95 6	OCWEN FINL CORP	PUT	
67576A 10 0 *	OCULAR THERAPEUTIX INC	COM	
67576A 90 0	OCULAR THERAPEUTIX INC	CALL	
67576A 95 0	OCULAR THERAPEUTIX INC	PUT	
67577C 10 5 *	OCUGEN INC	COM	
67577C 90 5	OCUGEN INC	CALL	
67577C 95 5	OCUGEN INC	PUT	
67577R 10 2 *	OCUPHIRE PHARMA INC	COM	
67577R 90 2	OCUPHIRE PHARMA INC	CALL	
67577R 95 2	OCUPHIRE PHARMA INC	PUT	
676118 20 1 *	ODYSSEY MARINE EXPL INC	COM NEW	
676118 90 1	ODYSSEY MARINE EXPL INC	CALL	
676118 95 1	ODYSSEY MARINE EXPL INC	PUT	
67623C 10 9 *	OFFICE PPTYS INCOME TR	COM SHS BEN INT	
67623C 90 9	OFFICE PPTYS INCOME TR	CALL	
67623C 95 9	OFFICE PPTYS INCOME TR	PUT	
67623L 10 9 *	OFFERPAD SOLUTIONS INC	COM CL A	
67623L 90 9	OFFERPAD SOLUTIONS INC	CALL	
67623L 95 9	OFFERPAD SOLUTIONS INC	PUT	
67623L 11 7	OFFERPAD SOLUTIONS INC	*W EXP 09/01/202	
67644C 10 4	OCEAN BIOMEDICAL INC	COM	ADDED
67644C 11 2	OCEAN BIOMEDICAL INC	*W EXP 02/14/202	ADDED
677719 10 6	OHIO VY BANC CORP	COM	
677864 10 0	OIL DRI CORP AMER	COM	
678026 AH 8	OIL STS INTL INC	NOTE 1.500% 2/1	DELETED
678026 AK 1	OIL STS INTL INC	NOTE 4.750% 4/0	
678026 10 5 *	OIL STS INTL INC	COM	
678026 90 5	OIL STS INTL INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 495

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
678026 95 5	OIL STS INTL INC	PUT	
679295 AB 1	OKTA INC	NOTE 0.250% 2/1	DELETED
679295 AD 7	OKTA INC	NOTE 0.125% 9/0	
679295 AF 2	OKTA INC	NOTE 0.375% 6/1	
679295 10 5 *	OKTA INC	CL A	
679295 90 5	OKTA INC	CALL	
679295 95 5	OKTA INC	PUT	
679345 10 8	OKYO PHARMA LTD	SPONSORED ADS	
679369 10 8 *	OLAPLEX HLDGS INC	COM	
679369 90 8	OLAPLEX HLDGS INC	CALL	
679369 95 8	OLAPLEX HLDGS INC	PUT	
679580 10 0 *	OLD DOMINION FREIGHT LINE IN	COM	
679580 90 0	OLD DOMINION FREIGHT LINE IN	CALL	
679580 95 0	OLD DOMINION FREIGHT LINE IN	PUT	
680033 10 7 *	OLD NATL BANCORP IND	COM	
680033 90 7	OLD NATL BANCORP IND	CALL	
680033 95 7	OLD NATL BANCORP IND	PUT	
680194 10 7	OLD POINT FINL CORP	COM	
680223 10 4 *	OLD REP INTL CORP	COM	
680223 90 4	OLD REP INTL CORP	CALL	
680223 95 4	OLD REP INTL CORP	PUT	
680277 10 0 *	OLD SECOND BANCORP INC ILL	COM	
680277 90 0	OLD SECOND BANCORP INC ILL	CALL	
680277 95 0	OLD SECOND BANCORP INC ILL	PUT	
68062P 10 6 *	OLEMA PHARMACEUTICALS INC	COM	
68062P 90 6	OLEMA PHARMACEUTICALS INC	CALL	
68062P 95 6	OLEMA PHARMACEUTICALS INC	PUT	
680665 20 5 *	OLIN CORP	COM PAR \$1	
680665 90 5	OLIN CORP	CALL	
680665 95 5	OLIN CORP	PUT	
680710 10 0 *	OLINK HLDG AB	SPONSORED ADS	
680710 90 0	OLINK HLDG AB	CALL	
680710 95 0	OLINK HLDG AB	PUT	
681116 10 9 *	OLLIES BARGAIN OUTLET HLDGS	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 496

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
681116 90 9	OLLIES BARGAIN OUTLET HLDGS	CALL	
681116 95 9	OLLIES BARGAIN OUTLET HLDGS	PUT	
68134L 10 9 *	OLO INC	CL A	
68134L 90 9	OLO INC	CALL	
68134L 95 9	OLO INC	PUT	
68162K 10 6 *	OLYMPIC STEEL INC	COM	
68162K 90 6	OLYMPIC STEEL INC	CALL	
68162K 95 6	OLYMPIC STEEL INC	PUT	
681919 10 6 *	OMNICOM GROUP INC	COM	
681919 90 6	OMNICOM GROUP INC	CALL	
681919 95 6	OMNICOM GROUP INC	PUT	
681936 10 0 *	OMEGA HEALTHCARE INVS INC	COM	
681936 90 0	OMEGA HEALTHCARE INVS INC	CALL	
681936 95 0	OMEGA HEALTHCARE INVS INC	PUT	
682095 10 4	OMEGA FLEX INC	COM	
68213N AD 1	OMNICELL COM	NOTE 0.250% 9/1	
68213N 10 9 *	OMNICELL COM	COM	
68213N 90 9	OMNICELL COM	CALL	
68213N 95 9	OMNICELL COM	PUT	
682143 AE 2	OMEROS CORP	NOTE 6.250%11/1	
682143 AG 7	OMEROS CORP	NOTE 5.250% 2/1	
682143 10 2 *	OMEROS CORP	COM	
682143 90 2	OMEROS CORP	CALL	
682143 95 2	OMEROS CORP	PUT	
68217M 10 7	OMNIQ CORP	COM	
68217N 10 5 *	OMEGA THERAPEUTICS INC	COMMON STOCK	
68217N 90 5	OMEGA THERAPEUTICS INC	CALL	
68217N 95 5	OMEGA THERAPEUTICS INC	PUT	
68218C 10 8	OMNILIT ACQUISITION CORP	CLASS A COM	
68218C 11 6	OMNILIT ACQUISITION CORP	*W EXP 11/08/202	
68218C 20 7	OMNILIT ACQUISITION CORP	UNIT 11/08/2026	
68218J 10 3 *	OMNIAB INC	COM	
68218J 90 3	OMNIAB INC	CALL	
68218J 95 3	OMNIAB INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 497

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68218J 11 1	OMNIAB INC	*W EXP 11/01/202	
682189 AP 0	ON SEMICONDUCTOR CORP	NOTE 1.625%10/1	
682189 AS 4	ON SEMICONDUCTOR CORP	NOTE 5/0	
682189 10 5 *	ON SEMICONDUCTOR CORP	COM	
682189 90 5	ON SEMICONDUCTOR CORP	CALL	
682189 95 5	ON SEMICONDUCTOR CORP	PUT	
682310 87 5	ONCOLYTICS BIOTECH INC	COM NEW	
68232V 80 1 *	ONCONOVA THERAPEUTICS INC	COM NEW	
68232V 90 1	ONCONOVA THERAPEUTICS INC	CALL	
68232V 95 1	ONCONOVA THERAPEUTICS INC	PUT	
68234L 40 5 *	ONCOSEC MED INC	COM NOV 2022	
68234L 90 5	ONCOSEC MED INC	CALL	
68234L 95 5	ONCOSEC MED INC	PUT	
68235B 20 8 *	180 DEGREE CAP CORP	COM NEW	
68235B 90 8	180 DEGREE CAP CORP	CALL	
68235B 95 8	180 DEGREE CAP CORP	PUT	
68235C 10 7 *	ONCOCYTE CORP	COM	
68235C 90 7	ONCOCYTE CORP	CALL	
68235C 95 7	ONCOCYTE CORP	PUT	
68235P 10 8 *	ONE GAS INC	COM	
68235P 90 8	ONE GAS INC	CALL	
68235P 95 8	ONE GAS INC	PUT	
68236H 20 4 *	ONDAS HLDGS INC	COM NEW	
68236H 90 4	ONDAS HLDGS INC	CALL	
68236H 95 4	ONDAS HLDGS INC	PUT	
68236P 10 7 *	ONCTERNAL THERAPEUTICS INC	COM	
68236P 90 7	ONCTERNAL THERAPEUTICS INC	CALL	
68236P 95 7	ONCTERNAL THERAPEUTICS INC	PUT	
68236R 10 3 *	ONCORUS INC	COM	
68236R 90 3	ONCORUS INC	CALL	
68236R 95 3	ONCORUS INC	PUT	
68236V 11 2	180 LIFE SCIENCES CORP	*W EXP 11/07/202	
68236V 20 3 *	180 LIFE SCIENCES CORP	COM NEW	
68236V 90 3	180 LIFE SCIENCES CORP	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 498

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68236V 95 3	180 LIFE SCIENCES CORP	PUT	
68236X 10 0	THE ONCOLOGY INSTITUTE INC	COM	
68236X 11 8	THE ONCOLOGY INSTITUTE INC	*W EXP 11/15/202	
682406 10 3 *	ONE LIBERTY PPTYS INC	COM	
682406 90 3	ONE LIBERTY PPTYS INC	CALL	
682406 95 3	ONE LIBERTY PPTYS INC	PUT	
68243Q 10 6 *	1 800 FLOWERS COM INC	CL A	
68243Q 90 6	1 800 FLOWERS COM INC	CALL	
68243Q 95 6	1 800 FLOWERS COM INC	PUT	
68247Q 10 2 *	111 INC	ADS	
68247Q 90 2	111 INC	CALL	
68247Q 95 2	111 INC	PUT	
68247W 10 9 *	ONE STOP SYS INC	COM	
68247W 90 9	ONE STOP SYS INC	CALL	
68247W 95 9	ONE STOP SYS INC	PUT	
68248T 20 4 *	ONECONNECT FINL TECHNOLOGY C	SPONSORED ADS	
68248T 90 4	ONECONNECT FINL TECHNOLOGY C	CALL	
68248T 95 4	ONECONNECT FINL TECHNOLOGY C	PUT	
68268W 10 3 *	ONEMAIN HLDGS INC	COM	
68268W 90 3	ONEMAIN HLDGS INC	CALL	
68268W 95 3	ONEMAIN HLDGS INC	PUT	
682680 10 3 *	ONEOK INC NEW	COM	
682680 90 3	ONEOK INC NEW	CALL	
682680 95 3	ONEOK INC NEW	PUT	
68269G AB 3	1LIFE HEALTHCARE INC	NOTE 3.000% 6/1	DELETED
68269G 10 7 *	1LIFE HEALTHCARE INC	COM	DELETED
68269G 90 7	1LIFE HEALTHCARE INC	CALL	DELETED
68269G 95 7	1LIFE HEALTHCARE INC	PUT	DELETED
68276W 40 0	META DATA LIMITED	SPONSORED ADS	
68277G 10 7	ONION GLOBAL LTD	SPONSORED ADS	DELETED
68277K 12 4	ONFOLIO HOLDINGS INC	*W EXP 01/02/202	
68277K 20 7	ONFOLIO HOLDINGS INC	COM NEW	
68280L 10 1 *	ONEWATER MARINE INC	CL A COM	
68280L 90 1	ONEWATER MARINE INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 499

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
68280L 95 1	ONEWATER MARINE INC	PUT	
68287N 10 0 *	ONESPAN INC	COM	
68287N 90 0	ONESPAN INC	CALL	
68287N 95 0	ONESPAN INC	PUT	
683344 10 5 *	ONTO INNOVATION INC	COM	
683344 90 5	ONTO INNOVATION INC	CALL	
683344 95 5	ONTO INNOVATION INC	PUT	
683373 10 4 *	ONTRAK INC	COM	
683373 90 4	ONTRAK INC	CALL	
683373 95 4	ONTRAK INC	PUT	
68339B 10 4 *	ON24 INC	COM	
68339B 90 4	ON24 INC	CALL	
68339B 95 4	ON24 INC	PUT	
683416 10 1 *	OOMA INC	COM	
683416 90 1	OOMA INC	CALL	
683416 95 1	OOMA INC	PUT	
68347P 10 3 *	OPAL FUELS INC	CLASS A COM	
68347P 90 3	OPAL FUELS INC	CALL	
68347P 95 3	OPAL FUELS INC	PUT	
683712 10 3 *	OPENDOOR TECHNOLOGIES INC	COM	
683712 90 3	OPENDOOR TECHNOLOGIES INC	CALL	
683712 95 3	OPENDOOR TECHNOLOGIES INC	PUT	
683715 10 6 *	OPEN TEXT CORP	COM	
683715 90 6	OPEN TEXT CORP	CALL	
683715 95 6	OPEN TEXT CORP	PUT	
68373J 10 4 *	OPEN LENDING CORP	COM CL A	
68373J 90 4	OPEN LENDING CORP	CALL	
68373J 95 4	OPEN LENDING CORP	PUT	
68373L 30 7	OPGEN INC	COM	DELETED
68373L 40 6	OPGEN INC	COM NEW	ADDED
68373M 10 7 *	OPERA LTD	SPONSORED ADS	
68373M 90 7	OPERA LTD	CALL	
68373M 95 7	OPERA LTD	PUT	
68375N AB 9	OPKO HEALTH INC	DEBT 3.000% 2/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 500

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68375N AD 5	OPKO HEALTH INC	NOTE 4.500% 2/1	
68375N 10 3 *	OPKO HEALTH INC	COM	
68375N 90 3	OPKO HEALTH INC	CALL	
68375N 95 3	OPKO HEALTH INC	PUT	
683750 10 3	OPIANT PHARMACEUTICALS INC	COM	DELETED
68376D 10 4 *	OPORTUN FINL CORP	COM	
68376D 90 4	OPORTUN FINL CORP	CALL	
68376D 95 4	OPORTUN FINL CORP	PUT	
683797 10 4 *	OPPENHEIMER HLDGS INC	CL A NON VTG	
683797 90 4	OPPENHEIMER HLDGS INC	CALL	
683797 95 4	OPPENHEIMER HLDGS INC	PUT	
683827 20 8	OPTICAL CABLE CORP	COM NEW	
68384X 20 9	OPTEX SYS HLDGS INC	COM NEW	ADDED
68386H 10 3 *	OPPFI INC	COM CL A	
68386H 90 3	OPPFI INC	CALL	
68386H 95 3	OPPFI INC	PUT	
68386H 11 1	OPPFI INC	*W EXP 07/20/202	
68386J 20 8	OPTHEA LTD	SPONSORED ADS	
68389X 10 5 *	ORACLE CORP	COM	
68389X 90 5	ORACLE CORP	CALL	
68389X 95 5	ORACLE CORP	PUT	
68401P 40 3	OPTIMUMBANK HLDGS INC	COM	
68401U 20 4 *	OPTIMIZERX CORP	COM NEW	
68401U 90 4	OPTIMIZERX CORP	CALL	
68401U 95 4	OPTIMIZERX CORP	PUT	
684023 30 2	ORAGENICS INC	COM PAR	DELETED
684023 50 0	ORAGENICS INC	COM	ADDED
68403P 20 3 *	ORAMED PHARMACEUTICALS INC	COM NEW	
68403P 90 3	ORAMED PHARMACEUTICALS INC	CALL	
68403P 95 3	ORAMED PHARMACEUTICALS INC	PUT	
68404L 20 1 *	OPTION CARE HEALTH INC	COM NEW	
68404L 90 1	OPTION CARE HEALTH INC	CALL	
68404L 95 1	OPTION CARE HEALTH INC	PUT	
68404V 10 0 *	OPTINOSE INC	COM	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 501

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68404V 90 0	OPTINOSE INC	CALL	
68404V 95 0	OPTINOSE INC	PUT	
684060 10 6 *	ORANGE	SPONSORED ADR	
684060 90 6	ORANGE	CALL	
684060 95 6	ORANGE	PUT	
68417L 10 7	ORANGE CNTY BANCORP INC	COM	
68554V 10 8 *	ORASURE TECHNOLOGIES INC	COM	
68554V 90 8	ORASURE TECHNOLOGIES INC	CALL	
68554V 95 8	ORASURE TECHNOLOGIES INC	PUT	
68557F 11 8	NEXTPLAT CORP	*W EXP 06/02/202	
68557F 20 9	NEXTPLAT CORP	COM NEW	
68559A 10 9 *	ORBITAL INFRASTRUCTURE GRP I	COM	
68559A 90 9	ORBITAL INFRASTRUCTURE GRP I	CALL	
68559A 95 9	ORBITAL INFRASTRUCTURE GRP I	PUT	
68570P 10 1 *	ORCHARD THERAPEUTICS PLC	SPON ADS	DELETED
68570P 90 1	ORCHARD THERAPEUTICS PLC	CALL	DELETED
68570P 95 1	ORCHARD THERAPEUTICS PLC	PUT	DELETED
68570P 20 0 *	ORCHARD THERAPEUTICS PLC	SPON ADS NEW	ADDED
68570P 90 0	ORCHARD THERAPEUTICS PLC	CALL	ADDED
68570P 95 0	ORCHARD THERAPEUTICS PLC	PUT	ADDED
68571X 30 1 *	ORCHID IS CAP INC	COM NEW	
68571X 90 1	ORCHID IS CAP INC	CALL	
68571X 95 1	ORCHID IS CAP INC	PUT	
68572M 10 6	ORCHESTRA BIOMED HLDGS INC	COM	ADDED
68619K 20 4 *	ORGENESIS INC	COM NEW	
68619K 90 4	ORGENESIS INC	CALL	
68619K 95 4	ORGENESIS INC	PUT	
68620A 20 3 *	ORGANOVO HLDGS INC	COM NEW	
68620A 90 3	ORGANOVO HLDGS INC	CALL	
68620A 95 3	ORGANOVO HLDGS INC	PUT	
68620P 10 1 *	ORGANIGRAM HLDGS INC	COM	
68620P 90 1	ORGANIGRAM HLDGS INC	CALL	
68620P 95 1	ORGANIGRAM HLDGS INC	PUT	
68621F 10 2 *	ORGANOGENESIS HLDGS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 502

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68621F 90 2	ORGANOGENESIS HLDGS INC	CALL	
68621F 95 2	ORGANOGENESIS HLDGS INC	PUT	
68621T 10 2	ORIGIN BANCORP INC	COM	
68622D 10 6 *	ORIGIN MATERIALS INC	COM	
68622D 90 6	ORIGIN MATERIALS INC	CALL	
68622D 95 6	ORIGIN MATERIALS INC	PUT	
68622D 11 4	ORIGIN MATERIALS INC	*W EXP 06/25/202	
68622E 10 4 *	BARK INC	COM	
68622E 90 4	BARK INC	CALL	
68622E 95 4	BARK INC	PUT	
68622E 11 2	BARK INC	*W EXP 05/01/202	
68622P 10 9 *	ORIC PHARMACEUTICALS INC	COM	
68622P 90 9	ORIC PHARMACEUTICALS INC	CALL	
68622P 95 9	ORIC PHARMACEUTICALS INC	PUT	
68622V 10 6 *	ORGANON & CO	COMMON STOCK	
68622V 90 6	ORGANON & CO	CALL	
68622V 95 6	ORGANON & CO	PUT	
686275 10 8 *	ORION ENERGY SYS INC	COM	
686275 90 8	ORION ENERGY SYS INC	CALL	
686275 95 8	ORION ENERGY SYS INC	PUT	
68628V 30 8 *	ORION GROUP HLDGS INC	COM	
68628V 90 8	ORION GROUP HLDGS INC	CALL	
68628V 95 8	ORION GROUP HLDGS INC	PUT	
68629Y 10 3 *	ORION OFFICE REIT INC	COM	
68629Y 90 3	ORION OFFICE REIT INC	CALL	
68629Y 95 3	ORION OFFICE REIT INC	PUT	
686330 10 1	ORIX CORP	SPONSORED ADR	
68634K 10 6 *	ORLA MNG LTD NEW	COM	
68634K 90 6	ORLA MNG LTD NEW	CALL	
68634K 95 6	ORLA MNG LTD NEW	PUT	
686688 10 2 *	ORMAT TECHNOLOGIES INC	COM	
686688 90 2	ORMAT TECHNOLOGIES INC	CALL	
686688 95 2	ORMAT TECHNOLOGIES INC	PUT	
687380 10 5 *	ORRSTOWN FINL SVCS INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 503

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
687380 90 5	ORRSTOWN FINL SVCS INC	CALL	
687380 95 5	ORRSTOWN FINL SVCS INC	PUT	
68752L 10 0 *	ORTHOPEDIATRICS CORP	COM	
68752L 90 0	ORTHOPEDIATRICS CORP	CALL	
68752L 95 0	ORTHOPEDIATRICS CORP	PUT	
68752M 10 8 *	ORTHOFIX MED INC	COM	
68752M 90 8	ORTHOFIX MED INC	CALL	
68752M 95 8	ORTHOFIX MED INC	PUT	
687793 AA 7	OSCAR HEALTH INC	DEBT 7.250%12/3	
687793 10 9 *	OSCAR HEALTH INC	CL A	
687793 90 9	OSCAR HEALTH INC	CALL	
687793 95 9	OSCAR HEALTH INC	PUT	
688239 20 1 *	OSHKOSH CORP	COM	
688239 90 1	OSHKOSH CORP	CALL	
688239 95 1	OSHKOSH CORP	PUT	
68827L 10 1 *	OSISKO GOLD ROYALTIES LTD	COM	
68827L 90 1	OSISKO GOLD ROYALTIES LTD	CALL	
68827L 95 1	OSISKO GOLD ROYALTIES LTD	PUT	
68828E 80 9 *	OSISKO DEVELOPMENT CORP	COM NEW	
68828E 90 9	OSISKO DEVELOPMENT CORP	CALL	
68828E 95 9	OSISKO DEVELOPMENT CORP	PUT	
68829A 10 3	OSIRIS ACQUISITION CORP	CL A	
68829A 11 1	OSIRIS ACQUISITION CORP	*W EXP 05/01/202	
68829A 20 2	OSIRIS ACQUISITION CORP	UNIT 99/99/9999	
68902V 10 7 *	OTIS WORLDWIDE CORP	COM	
68902V 90 7	OTIS WORLDWIDE CORP	CALL	
68902V 95 7	OTIS WORLDWIDE CORP	PUT	
689648 10 3 *	OTTER TAIL CORP	COM	
689648 90 3	OTTER TAIL CORP	CALL	
689648 95 3	OTTER TAIL CORP	PUT	
68989M 10 3 *	OUSTER INC	COM	
68989M 90 3	OUSTER INC	CALL	
68989M 95 3	OUSTER INC	PUT	
68989M 11 1	OUSTER INC	*W EXP 03/11/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 504

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
68989M 12 9	OUSTER INC	*W EXP 09/29/202	ADDED
69002R 10 3 *	OUTBRAIN INC	COM	
69002R 90 3	OUTBRAIN INC	CALL	
69002R 95 3	OUTBRAIN INC	PUT	
69007J 10 6 *	OUTFRONT MEDIA INC	COM	
69007J 90 6	OUTFRONT MEDIA INC	CALL	
69007J 95 6	OUTFRONT MEDIA INC	PUT	
69012T 20 6	OUTLOOK THERAPEUTICS INC	COM NEW	
690145 10 7 *	OUTSET MED INC	COM	
690145 90 7	OUTSET MED INC	CALL	
690145 95 7	OUTSET MED INC	PUT	
69036R 86 3 *	OVERSEAS SHIPHOLDING GROUP I	CL A NEW	
69036R 90 3	OVERSEAS SHIPHOLDING GROUP I	CALL	
69036R 95 3	OVERSEAS SHIPHOLDING GROUP I	PUT	
690370 10 1 *	OVERSTOCK COM INC DEL	COM	
690370 90 1	OVERSTOCK COM INC DEL	CALL	
690370 95 1	OVERSTOCK COM INC DEL	PUT	
690469 10 1 *	OVID THERAPEUTICS INC	COM	
690469 90 1	OVID THERAPEUTICS INC	CALL	
690469 95 1	OVID THERAPEUTICS INC	PUT	
69047Q 10 2 *	OVINTIV INC	COM	
69047Q 90 2	OVINTIV INC	CALL	
69047Q 95 2	OVINTIV INC	PUT	
690732 10 2 *	OWENS & MINOR INC NEW	COM	
690732 90 2	OWENS & MINOR INC NEW	CALL	
690732 95 2	OWENS & MINOR INC NEW	PUT	
690742 10 1 *	OWENS CORNING NEW	COM	
690742 90 1	OWENS CORNING NEW	CALL	
690742 95 1	OWENS CORNING NEW	PUT	
69120X 10 7 *	OWLET INC	COM CL A	
69120X 90 7	OWLET INC	CALL	
69120X 95 7	OWLET INC	PUT	
69120X 11 5	OWLET INC	*W EXP 09/14/202	
69121K 10 4 *	OWL ROCK CAPITAL CORPORATION	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 505

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
69121K 90 4	OWL ROCK CAPITAL CORPORATION	CALL	
69121K 95 4	OWL ROCK CAPITAL CORPORATION	PUT	
691497 30 9 *	OXFORD INDS INC	COM	
691497 90 9	OXFORD INDS INC	CALL	
691497 95 9	OXFORD INDS INC	PUT	
691543 10 2	OXFORD LANE CAP CORP	COM	
69181V 10 7 *	OXFORD SQUARE CAP CORP	COM	
69181V 90 7	OXFORD SQUARE CAP CORP	CALL	
69181V 95 7	OXFORD SQUARE CAP CORP	PUT	
69242L 10 6 *	OYSTER PT PHARMA INC	COM	DELETED
69242L 90 6	OYSTER PT PHARMA INC	CALL	DELETED
69242L 95 6	OYSTER PT PHARMA INC	PUT	DELETED
69269L 10 4 *	OZON HLDGS PLC	SPONSORED ADS	
69269L 90 4	OZON HLDGS PLC	CALL	
69269L 95 4	OZON HLDGS PLC	PUT	
692830 50 8	P & F INDS INC	CL A NEW	
69291A 10 0 *	PHX MINERALS INC	CL A	
69291A 90 0	PHX MINERALS INC	CALL	
69291A 95 0	PHX MINERALS INC	PUT	
69291C 10 6	PHP VENTURES ACQUISITION COR	CLASS A COM	
69291C 11 4	PHP VENTURES ACQUISITION COR	*W EXP 08/16/202	
69291C 12 2	PHP VENTURES ACQUISITION COR	RIGHT 01/01/2023	
69291C 20 5	PHP VENTURES ACQUISITION COR	UNIT 01/01/2023	
693149 10 6	P A M TRANSN SVCS INC	COM	
69318G 10 6 *	PBF ENERGY INC	CL A	
69318G 90 6	PBF ENERGY INC	CALL	
69318G 95 6	PBF ENERGY INC	PUT	
69318J 10 0 *	PC CONNECTION INC	COM	
69318J 90 0	PC CONNECTION INC	CALL	
69318J 95 0	PC CONNECTION INC	PUT	
69318V 10 3	PB BANKSHARES INC	COM	
69320M 10 9 *	PCB BANCORP	COM	
69320M 90 9	PCB BANCORP	CALL	
69320M 95 9	PCB BANCORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 506

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69323T 10 1	PCM FD INC	COM	
69324R 10 4 *	PCSB FINL CORP	COM	DELETED
69324R 90 4	PCSB FINL CORP	CALL	DELETED
69324R 95 4	PCSB FINL CORP	PUT	DELETED
69325Q 10 5 *	PCTEL INC	COM	
69325Q 90 5	PCTEL INC	CALL	
69325Q 95 5	PCTEL INC	PUT	
69327R 10 1 *	PDC ENERGY INC	COM	
69327R 90 1	PDC ENERGY INC	CALL	
69327R 95 1	PDC ENERGY INC	PUT	
693282 10 5 *	PDF SOLUTIONS INC	COM	
693282 90 5	PDF SOLUTIONS INC	CALL	
693282 95 5	PDF SOLUTIONS INC	PUT	
69331C 10 8 *	PG&E CORP	COM	
69331C 90 8	PG&E CORP	CALL	
69331C 95 8	PG&E CORP	PUT	
69331C 14 0	PG&E CORP	UNIT 08/16/2023	
69336V 10 1 *	PGT INNOVATIONS INC	COM	
69336V 90 1	PGT INNOVATIONS INC	CALL	
69336V 95 1	PGT INNOVATIONS INC	PUT	
69343T 10 7 *	PJT PARTNERS INC	COM CL A	
69343T 90 7	PJT PARTNERS INC	CALL	
69343T 95 7	PJT PARTNERS INC	PUT	
69344A 10 7 *	PGIM ETF TR	PGIM ULTRA SH BD	
69344A 90 7	PGIM ETF TR	CALL	
69344A 95 7	PGIM ETF TR	PUT	
69344A 20 6	PGIM ETF TR	ACTV HY BD ETF	
69344A 30 5	PGIM ETF TR	QUANT SOLUTIONS	DELETED
69344A 70 1	PGIM ETF TR	ACTIVE AGGREGATE	
69344A 80 0	PGIM ETF TR	TOTAL RETURN BON	
69344A 85 9	PGIM ETF TR	PORTFLIO BALLAST	
69344A 86 7	PGIM ETF TR	JENNISON FOC VAL	
69344A 87 5	PGIM ETF TR	JENNISON FOC GWT	
69344A 88 3	PGIM ETF TR	FLOATING RT INC	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 507

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69344D 40 8	PLDT INC	SPONSORED ADR	
69346H 10 0	PGIM HIGH YIELD BOND FUND IN	COM	
69346J 10 6	PGIM GLOBAL HIGH YIELD FD FO	COM	
69346N 10 7	PIMCO ENERGY & TACTICAL CR O	COM SHS BEN INT	
693475 10 5 *	PNC FINL SVCS GROUP INC	COM	
693475 90 5	PNC FINL SVCS GROUP INC	CALL	
693475 95 5	PNC FINL SVCS GROUP INC	PUT	
693483 10 9 *	POSCO HOLDINGS INC	SPONSORED ADR	
693483 90 9	POSCO HOLDINGS INC	CALL	
693483 95 9	POSCO HOLDINGS INC	PUT	
69349H 10 7 *	PNM RES INC	COM	
69349H 90 7	PNM RES INC	CALL	
69349H 95 7	PNM RES INC	PUT	
693506 10 7 *	PPG INDS INC	COM	
693506 90 7	PPG INDS INC	CALL	
693506 95 7	PPG INDS INC	PUT	
69351T 10 6 *	PPL CORP	COM	
69351T 90 6	PPL CORP	CALL	
69351T 95 6	PPL CORP	PUT	
69353Y 10 3 *	PMV PHARMACEUTICALS INC	COM	
69353Y 90 3	PMV PHARMACEUTICALS INC	CALL	
69353Y 95 3	PMV PHARMACEUTICALS INC	PUT	
69354N AB 2	PRA GROUP INC	NOTE 3.500% 6/0	
69354N 10 6 *	PRA GROUP INC	COM	
69354N 90 6	PRA GROUP INC	CALL	
69354N 95 6	PRA GROUP INC	PUT	
69355J 10 4	PGIM SHORT DUR HIG YLD OPP F	COM	
69355M 10 7	PIMCO DYNAMIC INCOME OPRNTS	COM BEN SHS	
693656 10 0 *	PVH CORPORATION	COM	
693656 90 0	PVH CORPORATION	CALL	
693656 95 0	PVH CORPORATION	PUT	
69366J AD 3	PTC THERAPEUTICS INC	NOTE 1.500% 9/1	
69366J 20 0 *	PTC THERAPEUTICS INC	COM	
69366J 90 0	PTC THERAPEUTICS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 508

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69366J 95 0	PTC THERAPEUTICS INC	PUT	
69370C 10 0 *	PTC INC	COM	
69370C 90 0	PTC INC	CALL	
69370C 95 0	PTC INC	PUT	
693718 10 8 *	PACCAR INC	COM	
693718 90 8	PACCAR INC	CALL	
693718 95 8	PACCAR INC	PUT	
69373Y 10 9	PUYI INC	ADS	
69374H 10 5 *	PACER FDS TR	TRENDP US LAR CP	
69374H 90 5	PACER FDS TR	CALL	
69374H 95 5	PACER FDS TR	PUT	
69374H 20 4	PACER FDS TR	TRENDP US MID CP	
69374H 30 3 *	PACER FDS TR	TRENDPILOT 100	
69374H 90 3	PACER FDS TR	CALL	
69374H 95 3	PACER FDS TR	PUT	
69374H 36 0	PACER FDS TR	US LRG CP CASH	
69374H 37 8	PACER FDS TR	INDLS & LOGISTIC	
69374H 38 6	PACER FDS TR	DATA & DIGI REVO	
69374H 39 4 *	PACER FDS TR	BLUESTAR DIG ENT	
69374H 90 4	PACER FDS TR	CALL	
69374H 95 4	PACER FDS TR	PUT	
69374H 40 2	PACER FDS TR	US EXPORT LEAD	
69374H 41 0	PACER FDS TR	BLUESTAR ENG THE	
69374H 42 8	PACER FDS TR	PAC ASSET FLTG	
69374H 43 6	PACER FDS TR	METAURUS CAP 400	
69374H 44 4	PACER FDS TR	METAURUS CAP 300	
69374H 45 1	PACER FDS TR	SWAN SOS FLEX	
69374H 46 9	PACER FDS TR	SWAN SOS FLEX JU	
69374H 47 7	PACER FDS TR	SWAN SOS FLEX AP	
69374H 48 5	PACER FDS TR	SWAN SOS MODRTE	
69374H 49 3	PACER FDS TR	SWAN SOS MODRTE	
69374H 51 9	PACER FDS TR	SWAN SOS MODERAT	
69374H 52 7	PACER FDS TR	SWAN SOS CONS	
69374H 53 5	PACER FDS TR	SWAN SOS CONS JU	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 509

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
69374H 54 3	PACER FDS TR	SWAN SOS CONS AP	
69374H 55 0	PACER FDS TR	SWAN SOS MOD JAN	
69374H 56 8	PACER FDS TR	SWAN SOS FD OF	
69374H 57 6	PACER FDS TR	SWAN SOS FLX JAN	
69374H 58 4	PACER FDS TR	SWAN SOS CNS JAN	
69374H 62 6 *	PACER FDS TR	CSOP FTSE CHINA	
69374H 90 6	PACER FDS TR	CALL	
69374H 95 6	PACER FDS TR	PUT	
69374H 63 4 *	PACER FDS TR	AMERCN ENRGY IND	
69374H 90 4	PACER FDS TR	CALL	
69374H 95 4	PACER FDS TR	PUT	
69374H 64 2 *	PACER FDS TR	TRENDPILOT US BD	
69374H 90 2	PACER FDS TR	CALL	
69374H 95 2	PACER FDS TR	PUT	
69374H 65 9	PACER FDS TR	CASH COWS ETF	
69374H 66 7	PACER FDS TR	US CHS CWS GWT	
69374H 67 5	PACER FDS TR	TRENDPILOT FD	
69374H 68 3	PACER FDS TR	TRENDPILOT INTL	
69374H 69 1	PACER FDS TR	CFRA STVAL EQL	
69374H 70 9	PACER FDS TR	GLOBL CASH ETF	
69374H 71 7 *	PACER FDS TR	LUNT LRG CP ALTR	
69374H 90 7	PACER FDS TR	CALL	
69374H 95 7	PACER FDS TR	PUT	
69374H 72 5	PACER FDS TR	LUNT MDCAP MLT	
69374H 74 1 *	PACER FDS TR	DATA AND INFRAST	
69374H 90 1	PACER FDS TR	CALL	
69374H 95 1	PACER FDS TR	PUT	
69374H 75 8	PACER FDS TR	BIOTHREAT STRGY	
69374H 76 6 *	PACER FDS TR	INDUSTRIAL RELET	
69374H 90 6	PACER FDS TR	CALL	
69374H 95 6	PACER FDS TR	PUT	
69374H 80 8	PACER FDS TR	TRENDPILOT EUR	
69374H 81 6 *	PACER FDS TR	LUNT LRGCP MULTI	
69374H 90 6	PACER FDS TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 510

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69374H 95 6	PACER FDS TR	PUT	
69374H 84 0	PACER FDS TR	WEALTHSHIELD	
69374H 85 7 *	PACER FDS TR	PACER US SMALL	
69374H 90 7	PACER FDS TR	CALL	
69374H 95 7	PACER FDS TR	PUT	
69374H 86 5	PACER FDS TR	EMRG MKT CASH	
69374H 87 3	PACER FDS TR	DEVELOPED MRKT	
69374H 88 1 *	PACER FDS TR	US CASH COWS 100	
69374H 90 1	PACER FDS TR	CALL	
69374H 95 1	PACER FDS TR	PUT	
69376K 10 6 *	P10 INC	COM CL A	
69376K 90 6	P10 INC	CALL	
69376K 95 6	P10 INC	PUT	
69404D 10 8 *	PACIFIC BIOSCIENCES CALIF IN	COM	
69404D 90 8	PACIFIC BIOSCIENCES CALIF IN	CALL	
69404D 95 8	PACIFIC BIOSCIENCES CALIF IN	PUT	
69478X 10 5 *	PACIFIC PREMIER BANCORP	COM	
69478X 90 5	PACIFIC PREMIER BANCORP	CALL	
69478X 95 5	PACIFIC PREMIER BANCORP	PUT	
695127 AF 7	PACIRA BIOSCIENCES INC	NOTE 0.750% 8/0	
695127 10 0 *	PACIRA BIOSCIENCES INC	COM	
695127 90 0	PACIRA BIOSCIENCES INC	CALL	
695127 95 0	PACIRA BIOSCIENCES INC	PUT	
695156 10 9 *	PACKAGING CORP AMER	COM	
695156 90 9	PACKAGING CORP AMER	CALL	
695156 95 9	PACKAGING CORP AMER	PUT	
69526K 10 5 *	PACTIV EVERGREEN INC	COM	
69526K 90 5	PACTIV EVERGREEN INC	CALL	
69526K 95 5	PACTIV EVERGREEN INC	PUT	
695263 10 3 *	PACWEST BANCORP DEL	COM	
695263 90 3	PACWEST BANCORP DEL	CALL	
695263 95 3	PACWEST BANCORP DEL	PUT	
69553P AB 6	PAGERDUTY INC	NOTE 1.250% 7/0	
69553P 10 0 *	PAGERDUTY INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 511

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69553P 90 0	PAGERDUTY INC	CALL	
69553P 95 0	PAGERDUTY INC	PUT	
696077 50 2 *	PALATIN TECHNOLOGIES INC	COM NEW	
696077 90 2	PALATIN TECHNOLOGIES INC	CALL	
696077 95 2	PALATIN TECHNOLOGIES INC	PUT	
69608A 10 8 *	PALANTIR TECHNOLOGIES INC	CL A	
69608A 90 8	PALANTIR TECHNOLOGIES INC	CALL	
69608A 95 8	PALANTIR TECHNOLOGIES INC	PUT	
696389 20 4	PALISADE BIO INC	COM	
697435 AD 7	PALO ALTO NETWORKS INC	NOTE 0.750% 7/0	
697435 AF 2	PALO ALTO NETWORKS INC	NOTE 0.375% 6/0	
697435 10 5 *	PALO ALTO NETWORKS INC	COM	
697435 90 5	PALO ALTO NETWORKS INC	CALL	
697435 95 5	PALO ALTO NETWORKS INC	PUT	
69753M 10 5 *	PALOMAR HLDGS INC	COM	
69753M 90 5	PALOMAR HLDGS INC	CALL	
69753M 95 5	PALOMAR HLDGS INC	PUT	
69764K 10 6	PALTALK INC	COM	
697660 20 7 *	PAMPA ENERGIA S A	SPONS ADR LVL I	
697660 90 7	PAMPA ENERGIA S A	CALL	
697660 95 7	PAMPA ENERGIA S A	PUT	
697900 10 8 *	PAN AMERN SILVER CORP	COM	
697900 90 8	PAN AMERN SILVER CORP	CALL	
697900 95 8	PAN AMERN SILVER CORP	PUT	
69833W 10 7	PANBELA THERAPEUTICS INC	COM	DELETED
69833W 20 6	PANBELA THERAPEUTICS INC	COM NEW	ADDED
698354 AD 9	PANDORA MEDIA INC	NOTE 1.750%12/0	
698813 10 2 *	PAPA JOHNS INTL INC	COM	
698813 90 2	PAPA JOHNS INTL INC	CALL	
698813 95 2	PAPA JOHNS INTL INC	PUT	
69882P 10 2	PAPAYA GRWT OPPORTUNITY CORP	CLASS A COM	
69882P 11 0	PAPAYA GRWT OPPORTUNITY CORP	*W EXP 12/31/202	
69882P 20 1	PAPAYA GRWT OPPORTUNITY CORP	UNIT 12/31/2028	
69888T 20 7 *	PAR PAC HOLDINGS INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 512

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69888T 90 7	PAR PAC HOLDINGS INC	CALL	
69888T 95 7	PAR PAC HOLDINGS INC	PUT	
698884 AC 7	PAR TECHNOLOGY CORP	NOTE 2.875% 4/1	
698884 AE 3	PAR TECHNOLOGY CORP	NOTE 1.500%10/1	
698884 10 3 *	PAR TECHNOLOGY CORP	COM	
698884 90 3	PAR TECHNOLOGY CORP	CALL	
698884 95 3	PAR TECHNOLOGY CORP	PUT	
69901P 10 9	PARABELLUM ACQUISITION CORP	COM CL A	DELETED
69901P 20 8	PARABELLUM ACQUISITION CORP	UNIT 99/99/9999	DELETED
69913P 10 5 *	PARAGON 28 INC	COM	
69913P 90 5	PARAGON 28 INC	CALL	
69913P 95 5	PARAGON 28 INC	PUT	
69924M 10 9	PARAMOUNT GOLD NEV CORP	COM	
69924R 10 8 *	PARAMOUNT GROUP INC	COM	
69924R 90 8	PARAMOUNT GROUP INC	CALL	
69924R 95 8	PARAMOUNT GROUP INC	PUT	
699374 AB 0	PARATEK PHARMACEUTICALS INC	NOTE 4.750% 5/0	
699374 30 2 *	PARATEK PHARMACEUTICALS INC	COM	
699374 90 2	PARATEK PHARMACEUTICALS INC	CALL	
699374 95 2	PARATEK PHARMACEUTICALS INC	PUT	
69945Q 10 5	PARDES BIOSCIENCES INC	COM	
70014A 10 4 *	PARK AEROSPACE CORP	COM	
70014A 90 4	PARK AEROSPACE CORP	CALL	
70014A 95 4	PARK AEROSPACE CORP	PUT	
700215 30 4 *	PARK CITY GROUP INC	COM NEW	
700215 90 4	PARK CITY GROUP INC	CALL	
700215 95 4	PARK CITY GROUP INC	PUT	
700517 10 5 *	PARK HOTELS & RESORTS INC	COM	
700517 90 5	PARK HOTELS & RESORTS INC	CALL	
700517 95 5	PARK HOTELS & RESORTS INC	PUT	
700658 10 7 *	PARK NATL CORP	COM	
700658 90 7	PARK NATL CORP	CALL	
700658 95 7	PARK NATL CORP	PUT	
700666 10 0 *	PARK-OHIO HLDGS CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 513

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
700666 90 0	PARK-OHIO HLDGS CORP	CALL	
700666 95 0	PARK-OHIO HLDGS CORP	PUT	
700885 10 6 *	PARKE BANCORP INC	COM	
700885 90 6	PARKE BANCORP INC	CALL	
700885 95 6	PARKE BANCORP INC	PUT	
701094 10 4 *	PARKER-HANNIFIN CORP	COM	
701094 90 4	PARKER-HANNIFIN CORP	CALL	
701094 95 4	PARKER-HANNIFIN CORP	PUT	
70202L AB 8	PARSONS CORP DEL	NOTE 0.250% 8/1	
70202L 10 2 *	PARSONS CORP DEL	COM	
70202L 90 2	PARSONS CORP DEL	CALL	
70202L 95 2	PARSONS CORP DEL	PUT	
70211M 10 9	PARTNER COMMUNICATIONS CO LT	ADR	DELETED
70213Q 10 8	PARTNERS BANCORP	COM	
702141 10 2	PARTS ID INC	COM CL A	
702149 10 5 *	PARTY CITY HOLDCO INC	COM	DELETED
702149 90 5	PARTY CITY HOLDCO INC	CALL	DELETED
702149 95 5	PARTY CITY HOLDCO INC	PUT	DELETED
70261F 10 3	PASITHEA THERAPEUTICS CORP	COM	
70261F 11 1	PASITHEA THERAPEUTICS CORP	*W EXP 08/12/202	
702712 10 0 *	PASSAGE BIO INC	COM	
702712 90 0	PASSAGE BIO INC	CALL	
702712 95 0	PASSAGE BIO INC	PUT	
70319R 10 9	PATHFINDER BANCORP INC MD	COM	
703343 AB 9	PATRICK INDS INC	DBCV 1.000% 2/0	DELETED
703343 AG 8	PATRICK INDS INC	NOTE 1.750%12/0	ADDED
703343 10 3 *	PATRICK INDS INC	COM	
703343 90 3	PATRICK INDS INC	CALL	
703343 95 3	PATRICK INDS INC	PUT	
70336F 20 3	PATRIOT NATL BANCORP INC	COM NEW	
70338W 10 5	PATRIOT TRANSN HLDG INC	COM	
703395 10 3 *	PATTERSON COS INC	COM	
703395 90 3	PATTERSON COS INC	CALL	
703395 95 3	PATTERSON COS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 514

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
703481 10 1 *	PATTERSON-UTI ENERGY INC	COM	
703481 90 1	PATTERSON-UTI ENERGY INC	CALL	
703481 95 1	PATTERSON-UTI ENERGY INC	PUT	
70387R 10 6 *	PAVMED INC	COM	
70387R 90 6	PAVMED INC	CALL	
70387R 95 6	PAVMED INC	PUT	
70387R 12 2	PAVMED INC	*W EXP 04/30/202	
70424C 10 4	PAXMEDICA INC	COM	
70432V 10 2 *	PAYCOM SOFTWARE INC	COM	
70432V 90 2	PAYCOM SOFTWARE INC	CALL	
70432V 95 2	PAYCOM SOFTWARE INC	PUT	
704326 10 7 *	PAYCHEX INC	COM	
704326 90 7	PAYCHEX INC	CALL	
704326 95 7	PAYCHEX INC	PUT	
70434P 10 3 *	PAYA HOLDINGS INC	COM CL A	DELETED
70434P 90 3	PAYA HOLDINGS INC	CALL	DELETED
70434P 95 3	PAYA HOLDINGS INC	PUT	DELETED
70435P 10 2 *	PAYCOR HCM INC	COM	
70435P 90 2	PAYCOR HCM INC	CALL	
70435P 95 2	PAYCOR HCM INC	PUT	
70438V 10 6 *	PAYLOCITY HLDG CORP	COM	
70438V 90 6	PAYLOCITY HLDG CORP	CALL	
70438V 95 6	PAYLOCITY HLDG CORP	PUT	
70439P 10 8 *	PAYMENTUS HOLDINGS INC	COM CL A	
70439P 90 8	PAYMENTUS HOLDINGS INC	CALL	
70439P 95 8	PAYMENTUS HOLDINGS INC	PUT	
70450Y 10 3 *	PAYPAL HLDGS INC	COM	
70450Y 90 3	PAYPAL HLDGS INC	CALL	
70450Y 95 3	PAYPAL HLDGS INC	PUT	
70451A 10 4 *	PAYSIGN INC	COM	
70451A 90 4	PAYSIGN INC	CALL	
70451A 95 4	PAYSIGN INC	PUT	
70451X 10 4 *	PAYONEER GLOBAL INC	COM	
70451X 90 4	PAYONEER GLOBAL INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 515

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
70451X 95 4	PAYONEER GLOBAL INC	PUT	
70451X 11 2	PAYONEER GLOBAL INC	*W EXP 06/25/202	
704551 AD 2	PEABODY ENGR CORP	NOTE 3.250% 3/0	ADDED
704551 10 0 *	PEABODY ENERGY CORP	COM	
704551 90 0	PEABODY ENERGY CORP	CALL	
704551 95 0	PEABODY ENERGY CORP	PUT	
70465T 10 7 *	PDS BIOTECHNOLOGY CORP	COM	
70465T 90 7	PDS BIOTECHNOLOGY CORP	CALL	
70465T 95 7	PDS BIOTECHNOLOGY CORP	PUT	
704699 10 7 *	PEAPACK-GLADSTONE FINL CORP	COM	
704699 90 7	PEAPACK-GLADSTONE FINL CORP	CALL	
704699 95 7	PEAPACK-GLADSTONE FINL CORP	PUT	
70470P 10 8	PEAK BIO INC	COM	DELETED
70470P 11 6	PEAK BIO INC	*W EXP 10/26/202	DELETED
704723 10 5 *	PEAR THERAPEUTICS INC	CLASS A COM	
704723 90 5	PEAR THERAPEUTICS INC	CALL	
704723 95 5	PEAR THERAPEUTICS INC	PUT	
704723 11 3	PEAR THERAPEUTICS INC	*W EXP 12/03/202	
705015 10 5 *	PEARSON PLC	SPONSORED ADR	
705015 90 5	PEARSON PLC	CALL	
705015 95 5	PEARSON PLC	PUT	
70509V AA 8	PEBBLEBROOK HOTEL TR	NOTE 1.750%12/1	
70509V 10 0 *	PEBBLEBROOK HOTEL TR	COM	
70509V 90 0	PEBBLEBROOK HOTEL TR	CALL	
70509V 95 0	PEBBLEBROOK HOTEL TR	PUT	
70532Y 30 3	PEDEVCO CORP	COM PAR	
705573 AB 9	PEGASYSTEMS INC	NOTE 0.750% 3/0	
705573 10 3 *	PEGASYSTEMS INC	COM	
705573 90 3	PEGASYSTEMS INC	CALL	
705573 95 3	PEGASYSTEMS INC	PUT	
70614W AB 6	PELTON INTERACTIVE INC	NOTE 2/1	
70614W 10 0 *	PELTON INTERACTIVE INC	CL A COM	
70614W 90 0	PELTON INTERACTIVE INC	CALL	
70614W 95 0	PELTON INTERACTIVE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 516

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
706327 10 3 *	PEMBINA PIPELINE CORP	COM	
706327 90 3	PEMBINA PIPELINE CORP	CALL	
706327 95 3	PEMBINA PIPELINE CORP	PUT	
707569 AU 3	PENN ENTERTAINMENT INC	NOTE 2.750% 5/1	
707569 10 9 *	PENN ENTERTAINMENT INC	COM	
707569 90 9	PENN ENTERTAINMENT INC	CALL	
707569 95 9	PENN ENTERTAINMENT INC	PUT	
70788V 10 2 *	RANGER OIL CORPORATION	CLASS A COM	
70788V 90 2	RANGER OIL CORPORATION	CALL	
70788V 95 2	RANGER OIL CORPORATION	PUT	
70805E 10 9 *	PENNANT GROUP INC	COM	
70805E 90 9	PENNANT GROUP INC	CALL	
70805E 95 9	PENNANT GROUP INC	PUT	
70806A 10 6 *	PENNANTPARK FLOATING RATE CA	COM	
70806A 90 6	PENNANTPARK FLOATING RATE CA	CALL	
70806A 95 6	PENNANTPARK FLOATING RATE CA	PUT	
708062 10 4 *	PENNANTPARK INVT CORP	COM	
708062 90 4	PENNANTPARK INVT CORP	CALL	
708062 95 4	PENNANTPARK INVT CORP	PUT	
708430 10 3	PENNS WOODS BANCORP INC	COM	
70931T 10 3 *	PENNYMAC MTG INVT TR	COM	
70931T 90 3	PENNYMAC MTG INVT TR	CALL	
70931T 95 3	PENNYMAC MTG INVT TR	PUT	
70932A AD 5	PENNYMAC CORP	NOTE 5.500%11/0	
70932A AF 0	PENNYMAC CORP	NOTE 5.500% 3/1	
70932M 10 7 *	PENNYMAC FINL SVCS INC NEW	COM	
70932M 90 7	PENNYMAC FINL SVCS INC NEW	CALL	
70932M 95 7	PENNYMAC FINL SVCS INC NEW	PUT	
70959W 10 3 *	PENSKE AUTOMOTIVE GRP INC	COM	
70959W 90 3	PENSKE AUTOMOTIVE GRP INC	CALL	
70959W 95 3	PENSKE AUTOMOTIVE GRP INC	PUT	
70975L 10 7 *	PENUMBRA INC	COM	
70975L 90 7	PENUMBRA INC	CALL	
70975L 95 7	PENUMBRA INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 517

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
709789 10 1 *	PEOPLES BANCORP INC	COM	
709789 90 1	PEOPLES BANCORP INC	CALL	
709789 95 1	PEOPLES BANCORP INC	PUT	
710577 10 7	PEOPLES BANCORP N C INC	COM	
711040 10 5	PEOPLES FINL SVCS CORP	COM	
713317 10 5	PEPGEN INC	COM	
713448 10 8 *	PEPSICO INC	COM	
713448 90 8	PEPSICO INC	CALL	
713448 95 8	PEPSICO INC	PUT	
71360T 10 1 *	PERASO INC	COM	
71360T 90 1	PERASO INC	CALL	
71360T 95 1	PERASO INC	PUT	
71363P 10 6 *	PERDOCEO ED CORP	COM	
71363P 90 6	PERDOCEO ED CORP	CALL	
71363P 95 6	PERDOCEO ED CORP	PUT	
71367G 10 2 *	PERELLA WEINBERG PARTNERS	CLASS A COM	
71367G 90 2	PERELLA WEINBERG PARTNERS	CALL	
71367G 95 2	PERELLA WEINBERG PARTNERS	PUT	
71375U AB 7	PERFICIENT INC	NOTE 2.375% 9/1	
71375U AD 3	PERFICIENT INC	NOTE 1.250% 8/0	
71375U AF 8	PERFICIENT INC	NOTE 0.125%11/1	
71375U 10 1 *	PERFICIENT INC	COM	
71375U 90 1	PERFICIENT INC	CALL	
71375U 95 1	PERFICIENT INC	PUT	
71377A 10 3 *	PERFORMANCE FOOD GROUP CO	COM	
71377A 90 3	PERFORMANCE FOOD GROUP CO	CALL	
71377A 95 3	PERFORMANCE FOOD GROUP CO	PUT	
71377E 10 5 *	PERFORMANT FINL CORP	COM	
71377E 90 5	PERFORMANT FINL CORP	CALL	
71377E 95 5	PERFORMANT FINL CORP	PUT	
714046 10 9 *	PERKINELMER INC	COM	
714046 90 9	PERKINELMER INC	CALL	
714046 95 9	PERKINELMER INC	PUT	
714157 20 3 *	PERMA-FIX ENVIRONMENTAL SVCS	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 518

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
714157 90 3	PERMA-FIX ENVIRONMENTAL SVCS	CALL	
714157 95 3	PERMA-FIX ENVIRONMENTAL SVCS	PUT	
714167 10 3 *	PERMA-PIPE INTL HLDGS INC	COM	
714167 90 3	PERMA-PIPE INTL HLDGS INC	CALL	
714167 95 3	PERMA-PIPE INTL HLDGS INC	PUT	
714236 10 6 *	PERMIAN BASIN RTY TR	UNIT BEN INT	
714236 90 6	PERMIAN BASIN RTY TR	CALL	
714236 95 6	PERMIAN BASIN RTY TR	PUT	
71424F 10 5 *	PERMIAN RESOURCES CORP	CLASS A COM	
71424F 90 5	PERMIAN RESOURCES CORP	CALL	
71424F 95 5	PERMIAN RESOURCES CORP	PUT	
71425H 10 0 *	PERMIANVILLE RTY TR	TR UNIT	
71425H 90 0	PERMIANVILLE RTY TR	CALL	
71425H 95 0	PERMIANVILLE RTY TR	PUT	
714254 10 9	PERMROCK ROYALTY TRUST	TR UNIT	
714266 10 3 *	PERPETUA RESOURCES CORP	COM	
714266 90 3	PERPETUA RESOURCES CORP	CALL	
714266 95 3	PERPETUA RESOURCES CORP	PUT	
71535D 10 6 *	PERSONALIS INC	COM	
71535D 90 6	PERSONALIS INC	CALL	
71535D 95 6	PERSONALIS INC	PUT	
715684 10 6	P T TELEKOMUNIKASI INDONESIA	SPONSORED ADR	
71601V 10 5 *	PETCO HEALTH & WELLNESS CO I	COM	
71601V 90 5	PETCO HEALTH & WELLNESS CO I	CALL	
71601V 95 5	PETCO HEALTH & WELLNESS CO I	PUT	
716382 10 6 *	PETMED EXPRESS INC	COM	
716382 90 6	PETMED EXPRESS INC	CALL	
716382 95 6	PETMED EXPRESS INC	PUT	
71639T AB 2	PETIQ INC	NOTE 4.000% 6/0	
71639T 10 6 *	PETIQ INC	COM CL A	
71639T 90 6	PETIQ INC	CALL	
71639T 95 6	PETIQ INC	PUT	
71654V 10 1 *	PETROLEO BRASILEIRO SA PETRO	SP ADR NON VTG	
71654V 90 1	PETROLEO BRASILEIRO SA PETRO	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 519

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
71654V 95 1	PETROLEO BRASILEIRO SA	PETRO PUT	
71654V 40 8 *	PETROLEO BRASILEIRO SA	PETRO SPONSORED ADR	
71654V 90 8	PETROLEO BRASILEIRO SA	PETRO CALL	
71654V 95 8	PETROLEO BRASILEIRO SA	PETRO PUT	
71678J 20 9 *	PETROS PHARMACEUTICALS INC	COM NEW	
71678J 90 9	PETROS PHARMACEUTICALS INC	CALL	
71678J 95 9	PETROS PHARMACEUTICALS INC	PUT	
716817 11 9	PETVIVO HLDGS INC	*W EXP 08/13/202	
716817 40 8	PETVIVO HLDGS INC	COM NEW	
717081 10 3 *	PFIZER INC	COM	
717081 90 3	PFIZER INC	CALL	
717081 95 3	PFIZER INC	PUT	
717098 20 6 *	PFSWEB INC	COM NEW	
717098 90 6	PFSWEB INC	CALL	
717098 95 6	PFSWEB INC	PUT	
71715X 20 3 *	PHARMACYTE BIOTECH INC	COM NEW	
71715X 90 3	PHARMACYTE BIOTECH INC	CALL	
71715X 95 3	PHARMACYTE BIOTECH INC	PUT	
71716E 10 5	PHARMING GROUP NV	SPON ADS	
71722W 10 7 *	PHATHOM PHARMACEUTICALS INC	COM	
71722W 90 7	PHATHOM PHARMACEUTICALS INC	CALL	
71722W 95 7	PHATHOM PHARMACEUTICALS INC	PUT	
71742Q 10 6 *	PHIBRO ANIMAL HEALTH CORP	CL A COM	
71742Q 90 6	PHIBRO ANIMAL HEALTH CORP	CALL	
71742Q 95 6	PHIBRO ANIMAL HEALTH CORP	PUT	
71742W 10 3	PHENIXFIN CORP	COM	
718172 10 9 *	PHILIP MORRIS INTL INC	COM	
718172 90 9	PHILIP MORRIS INTL INC	CALL	
718172 95 9	PHILIP MORRIS INTL INC	PUT	
71844V 20 1 *	PHILLIPS EDISON & CO INC	COMMON STOCK	
71844V 90 1	PHILLIPS EDISON & CO INC	CALL	
71844V 95 1	PHILLIPS EDISON & CO INC	PUT	
718546 10 4 *	PHILLIPS 66	COM	
718546 90 4	PHILLIPS 66	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 520

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
718546 95 4	PHILLIPS 66	PUT	
71880W 30 3 *	PHIO PHARMACEUTICALS CORP	COM NEW	DELETED
71880W 90 3	PHIO PHARMACEUTICALS CORP	CALL	DELETED
71880W 95 3	PHIO PHARMACEUTICALS CORP	PUT	DELETED
71880W 40 2 *	PHIO PHARMACEUTICALS CORP	COM	ADDED
71880W 90 2	PHIO PHARMACEUTICALS CORP	CALL	ADDED
71880W 95 2	PHIO PHARMACEUTICALS CORP	PUT	ADDED
71902K 10 5	PHOENIX BIOTECH ACQUISITION	CLASS A COM	
71902K 11 3	PHOENIX BIOTECH ACQUISITION	*W EXP 09/01/202	
71902K 20 4	PHOENIX BIOTECH ACQUISITION	UNIT 99/99/9999	
71910C 20 2 *	PHOENIX NEW MEDIA LTD	SPONSORED ADS	
71910C 90 2	PHOENIX NEW MEDIA LTD	CALL	
71910C 95 2	PHOENIX NEW MEDIA LTD	PUT	
71910P 20 3	PHOENIX MTR INC	COM NEW	
719405 10 2 *	PHOTRONICS INC	COM	
719405 90 2	PHOTRONICS INC	CALL	
719405 95 2	PHOTRONICS INC	PUT	
71943U 10 4 *	PHYSICIANS RLTY TR	COM	
71943U 90 4	PHYSICIANS RLTY TR	CALL	
71943U 95 4	PHYSICIANS RLTY TR	PUT	
71944F 10 6 *	PHREESIA INC	COM	
71944F 90 6	PHREESIA INC	CALL	
71944F 95 6	PHREESIA INC	PUT	
71948P 10 0 *	PHUNWARE INC	COM	
71948P 90 0	PHUNWARE INC	CALL	
71948P 95 0	PHUNWARE INC	PUT	
71948P 11 8	PHUNWARE INC	*W EXP 12/26/202	
72016P 10 5 *	PIEDMONT LITHIUM INC	COM	
72016P 90 5	PIEDMONT LITHIUM INC	CALL	
72016P 95 5	PIEDMONT LITHIUM INC	PUT	
720190 20 6 *	PIEDMONT OFFICE REALTY TR IN	COM CL A	
720190 90 6	PIEDMONT OFFICE REALTY TR IN	CALL	
720190 95 6	PIEDMONT OFFICE REALTY TR IN	PUT	
720795 10 3 *	PIERIS PHARMACEUTICALS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 521

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
720795 90 3	PIERIS PHARMACEUTICALS INC	CALL	
720795 95 3	PIERIS PHARMACEUTICALS INC	PUT	
72147K 10 8 *	PILGRIMS PRIDE CORP	COM	
72147K 90 8	PILGRIMS PRIDE CORP	CALL	
72147K 95 8	PILGRIMS PRIDE CORP	PUT	
72200M 10 8	PIMCO CALIF MUN INCOME FD II	COM	
72200N 10 6	PIMCO CALIF MUN INCOME FD	COM	
72200R 10 7	PIMCO MUN INCOME FD	COM	
72200T 10 3	PIMCO NEW YORK MUN INCOME FD	COM	
72200U 10 0	PIMCO CORPORATE & INCM STRG	COM	
72200W 10 6	PIMCO MUN INCOME FD II	COM	
72200X 10 4	PIMCO STRATEGIC INCOME FD	COM	
72200Y 10 2	PIMCO NEW YORK MUN FD II	COM	
72201A 10 3	PIMCO MUN INCOME FD III	COM	
72201B 10 1	PIMCO CORPORATE & INCOME OPP	COM	
72201C 10 9	PIMCO CALIF MUN INCOME FD II	COM	
72201E 10 5	PIMCO NEW YORK MUN INCOME FD	COM	
72201H 10 8	PIMCO INCOME STRATEGY FD	COM	
72201J 10 4	PIMCO INCOME STRATEGY FD II	COM	
72201R 20 5 *	PIMCO ETF TR	1-5 US TIP IDX	
72201R 90 5	PIMCO ETF TR	CALL	
72201R 95 5	PIMCO ETF TR	PUT	
72201R 30 4 *	PIMCO ETF TR	15+ YR US TIPS	
72201R 90 4	PIMCO ETF TR	CALL	
72201R 95 4	PIMCO ETF TR	PUT	
72201R 40 3	PIMCO ETF TR	BROAD US TIPS	
72201R 61 9	PIMCO ETF TR	PREFERRED AND CP	ADDED
72201R 62 7	PIMCO ETF TR	SR LN ACTIVE ETF	
72201R 63 5	PIMCO ETF TR	MUNI INCOME OPP	
72201R 64 3	PIMCO ETF TR	ENHANCED SHORT	
72201R 71 8	PIMCO ETF TR	ENHANCED LW DUR AC	
72201R 77 5 *	PIMCO ETF TR	ACTIVE BD ETF	
72201R 90 5	PIMCO ETF TR	CALL	
72201R 95 5	PIMCO ETF TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 522

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
72201R 78 3 *	PIMCO ETF TR	0-5 HIGH YIELD	
72201R 90 3	PIMCO ETF TR	CALL	
72201R 95 3	PIMCO ETF TR	PUT	
72201R 81 7	PIMCO ETF TR	INV GRD CRP BD	
72201R 83 3 *	PIMCO ETF TR	ENHAN SHRT MA AC	
72201R 90 3	PIMCO ETF TR	CALL	
72201R 95 3	PIMCO ETF TR	PUT	
72201R 86 6 *	PIMCO ETF TR	INTER MUN BD ACT	
72201R 90 6	PIMCO ETF TR	CALL	
72201R 95 6	PIMCO ETF TR	PUT	
72201R 87 4	PIMCO ETF TR	SHTRM MUN BD ACT	
72201R 88 2 *	PIMCO ETF TR	25YR+ ZERO U S	
72201R 90 2	PIMCO ETF TR	CALL	
72201R 95 2	PIMCO ETF TR	PUT	
72201T 34 2	PIMCO EQUITY SER	RAFI ESG US	
72201Y 10 1	PIMCO DYNAMIC INCOME FD	SHS	
722011 10 3	PIMCO GLOBAL STOCKSPLS INCM	COM	
722014 10 7	PIMCO HIGH INCOME FD	COM SHS	
72202L 36 3	PIMCO EQUITY SER	RAFI DYN ML US	
72202L 37 1	PIMCO EQUITY SER	RAFI DYN MULTI	
72202L 38 9	PIMCO EQUITY SER	RAFI DYN EMERG	
72203T 10 0	PIMCO ACCESS INCOME FUND	SHS BENFIN INT	
722304 AB 8	PDD HOLDINGS INC	NOTE 10/0	
722304 AC 6	PDD HOLDINGS INC	NOTE 12/0	
722304 10 2 *	PDD HOLDINGS INC	SPONSORED ADS	
722304 90 2	PDD HOLDINGS INC	CALL	
722304 95 2	PDD HOLDINGS INC	PUT	
722850 10 4	PINE TECHNOLOGY ACQUISITN CO	CLASS A COM	DELETED
722850 11 2	PINE TECHNOLOGY ACQUISITN CO	*W EXP 03/31/202	DELETED
722850 20 3	PINE TECHNOLOGY ACQUISITN CO	UNIT 03/31/2028	DELETED
72303P 10 7	PINEAPPLE ENERGY INC	COM	
72346Q 10 4 *	PINNACLE FINL PARTNERS INC	COM	
72346Q 90 4	PINNACLE FINL PARTNERS INC	CALL	
72346Q 95 4	PINNACLE FINL PARTNERS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 523

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
723484 10 1 *	PINNACLE WEST CAP CORP	COM	
723484 90 1	PINNACLE WEST CAP CORP	CALL	
723484 95 1	PINNACLE WEST CAP CORP	PUT	
72352G 20 6	PINTEC TECHNOLOGY HLDGS LTD	SPONSORED ADS	
72352L 10 6 *	PINTEREST INC	CL A	
72352L 90 6	PINTEREST INC	CALL	
72352L 95 6	PINTEREST INC	PUT	
723561 10 6	PIONEER BANCORP INC MD	COM	
723653 10 1	PIONEER DIVERSIFIED HIGH INC	COM	
72369H 10 6	PIONEER HIGH INCOME FUND INC	COM	
72369J 10 2	PIONEER FLOATING RATE FUND I	COM	
723760 10 4	PIONEER MUN HIGH INCOME OPPO	COMMON STOCK	
723762 10 0	PIONEER MUNICIPAL HIGH INCOM	COM	
723763 10 8	PIONEER MUNICIPAL HIGH INCOM	COM SHS	
723787 AP 2	PIONEER NAT RES CO	NOTE 0.250% 5/1	
723787 10 7 *	PIONEER NAT RES CO	COM	
723787 90 7	PIONEER NAT RES CO	CALL	
723787 95 7	PIONEER NAT RES CO	PUT	
723836 30 0	PIONEER PWR SOLUTIONS INC	COM NEW	
724078 10 0 *	PIPER SANDLER COMPANIES	COM	
724078 90 0	PIPER SANDLER COMPANIES	CALL	
724078 95 0	PIPER SANDLER COMPANIES	PUT	
724479 10 0 *	PITNEY BOWES INC	COM	
724479 90 0	PITNEY BOWES INC	CALL	
724479 95 0	PITNEY BOWES INC	PUT	
72581M 30 5 *	PIXELWORKS INC	COM NEW	
72581M 90 5	PIXELWORKS INC	CALL	
72581M 95 5	PIXELWORKS INC	PUT	
72582M 10 6	PIVOTAL INVESTMENT CORP III	COM CL A	DELETED
72582M 20 5	PIVOTAL INVESTMENT CORP III	UNIT 01/28/2028	DELETED
726503 10 5 *	PLAINS ALL AMERN PIPELINE L	UNIT LTD PARTN	
726503 90 5	PLAINS ALL AMERN PIPELINE L	CALL	
726503 95 5	PLAINS ALL AMERN PIPELINE L	PUT	
72651A 20 7 *	PLAINS GP HLDGS L P	LTD PARTNR INT A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 524

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
72651A 90 7	PLAINS GP HLDGS L P	CALL	
72651A 95 7	PLAINS GP HLDGS L P	PUT	
72703H 10 1 *	PLANET FITNESS INC	CL A	
72703H 90 1	PLANET FITNESS INC	CALL	
72703H 95 1	PLANET FITNESS INC	PUT	
72703U 10 2	PLANET GREEN HLDGS CORP	COM	
72703X 10 6 *	PLANET LABS PBC	COM CL A	
72703X 90 6	PLANET LABS PBC	CALL	
72703X 95 6	PLANET LABS PBC	PUT	
72703X 11 4	PLANET LABS PBC	*W EXP 12/06/202	
72765Q 88 2 *	PLATINUM GROUP METALS LTD	COM	
72765Q 90 2	PLATINUM GROUP METALS LTD	CALL	
72765Q 95 2	PLATINUM GROUP METALS LTD	PUT	
72814N 10 4 *	PLAYAGS INC	COM	
72814N 90 4	PLAYAGS INC	CALL	
72814N 95 4	PLAYAGS INC	PUT	
72814P 10 9 *	PLBY GROUP INC	COM	
72814P 90 9	PLBY GROUP INC	CALL	
72814P 95 9	PLBY GROUP INC	PUT	
72815G 10 8 *	PLAYSTUDIOS INC	CLASS A COM	
72815G 90 8	PLAYSTUDIOS INC	CALL	
72815G 95 8	PLAYSTUDIOS INC	PUT	
72815G 11 6	PLAYSTUDIOS INC	*W EXP 06/17/202	
72815L 10 7 *	PLAYTIKA HLDG CORP	COM	
72815L 90 7	PLAYTIKA HLDG CORP	CALL	
72815L 95 7	PLAYTIKA HLDG CORP	PUT	
729132 10 0 *	PLEXUS CORP	COM	
729132 90 0	PLEXUS CORP	CALL	
729132 95 0	PLEXUS CORP	PUT	
729139 10 5 *	PLIANT THERAPEUTICS INC	COM	
729139 90 5	PLIANT THERAPEUTICS INC	CALL	
729139 95 5	PLIANT THERAPEUTICS INC	PUT	
72919P AB 9	PLUG PWR INC	NOTE 5.500% 3/1	DELETED
72919P AD 5	PLUG PWR INC	NOTE 3.750% 6/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 525

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
72919P 20 2 *	PLUG POWER INC	COM NEW	
72919P 90 2	PLUG POWER INC	CALL	
72919P 95 2	PLUG POWER INC	PUT	
729273 10 2	PLUMAS BANCORP	COM	
72941H 40 0	PLUS THERAPEUTICS INC	COM NEW	
72942A 10 7 *	PLX PHARMA INC	COM	
72942A 90 7	PLX PHARMA INC	CALL	
72942A 95 7	PLX PHARMA INC	PUT	
72942G 10 4 *	PLURI INC	COM	
72942G 90 4	PLURI INC	CALL	
72942G 95 4	PLURI INC	PUT	
72942P 10 4	PLUTONIAN ACQUISITION CORP	COM	ADDED
72942P 11 2	PLUTONIAN ACQUISITION CORP	RIGHT 10/26/2027	ADDED
72942P 12 0	PLUTONIAN ACQUISITION CORP	*W EXP 10/26/202	ADDED
72942P 20 3	PLUTONIAN ACQUISITION CORP	UNIT 10/26/2027	
729640 10 2 *	PLYMOUTH INDL REIT INC	COM	
729640 90 2	PLYMOUTH INDL REIT INC	CALL	
729640 95 2	PLYMOUTH INDL REIT INC	PUT	
73044W 30 2 *	POET TECHNOLOGIES INC	COM NEW	
73044W 90 2	POET TECHNOLOGIES INC	CALL	
73044W 95 2	POET TECHNOLOGIES INC	PUT	
730541 10 9 *	POINT BIOPHARMA GLOBAL INC	COM	
730541 90 9	POINT BIOPHARMA GLOBAL INC	CALL	
730541 95 9	POINT BIOPHARMA GLOBAL INC	PUT	
73102V 10 5	POLAR PWR INC	COM	
731068 10 2 *	POLARIS INC	COM	
731068 90 2	POLARIS INC	CALL	
731068 95 2	POLARIS INC	PUT	
731094 20 7	POLARITYTE INC	COM NEW	
731105 10 2	POLESTAR AUTOMOTIVE HLDG UK	ADS C-1	
731105 20 1 *	POLESTAR AUTOMOTIVE HLDG UK	ADS A	
731105 90 1	POLESTAR AUTOMOTIVE HLDG UK	CALL	
731105 95 1	POLESTAR AUTOMOTIVE HLDG UK	PUT	
731916 14 4	POLYMET MNG CORP	RIGHT 04/04/2023	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 526

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
731916 40 9	POLYMET MNG CORP	COM NEW	
732344 10 6	PONCE FINANCIAL GROUP INC	COMMON STOCK	
73245B 10 7	PONO CAP TWO INC	COM CL A	
73245B 11 5	PONO CAP TWO INC	*W EXP 07/31/202	
73245B 20 6	PONO CAP TWO INC	UNIT 07/31/2027	
732450 10 1	PONO CAPITAL CORP	CLASS A COM	DELETED
732450 11 9	PONO CAPITAL CORP	*W EXP 09/30/202	DELETED
732450 20 0	PONO CAPITAL CORP	UNIT 09/30/2028	DELETED
73278L 10 5 *	POOL CORP	COM	
73278L 90 5	POOL CORP	CALL	
73278L 95 5	POOL CORP	PUT	
733174 70 0 *	POPULAR INC	COM NEW	
733174 90 0	POPULAR INC	CALL	
733174 95 0	POPULAR INC	PUT	
733245 10 4 *	PORCH GROUP INC	COM	
733245 90 4	PORCH GROUP INC	CALL	
733245 95 4	PORCH GROUP INC	PUT	
73642K 10 6 *	PORTILLOS INC	COM CL A	
73642K 90 6	PORTILLOS INC	CALL	
73642K 95 6	PORTILLOS INC	PUT	
736508 84 7 *	PORTLAND GEN ELEC CO	COM NEW	
736508 90 7	PORTLAND GEN ELEC CO	CALL	
736508 95 7	PORTLAND GEN ELEC CO	PUT	
73688F 20 1 *	PORTMAN RIDGE FIN CORP	COM NEW	
73688F 90 1	PORTMAN RIDGE FIN CORP	CALL	
73688F 95 1	PORTMAN RIDGE FIN CORP	PUT	
73730P 10 8 *	POSEIDA THERAPEUTICS INC	COM	
73730P 90 8	POSEIDA THERAPEUTICS INC	CALL	
73730P 95 8	POSEIDA THERAPEUTICS INC	PUT	
73739W 10 4 *	POSHMARK INC	COM CL A	DELETED
73739W 90 4	POSHMARK INC	CALL	DELETED
73739W 95 4	POSHMARK INC	PUT	DELETED
737446 10 4 *	POST HLDGS INC	COM	
737446 90 4	POST HLDGS INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 527

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
737446 95 4	POST HLDGS INC	PUT	
737465 10 4	POST HOLDINGS PARTNERING COR	COM SER A	
737465 11 2	POST HOLDINGS PARTNERING COR	*W EXP 04/12/202	
737465 20 3	POST HOLDINGS PARTNERING COR	UNIT 99/99/9999	
73754Y 10 0 *	POTBELLY CORP	COM	
73754Y 90 0	POTBELLY CORP	CALL	
73754Y 95 0	POTBELLY CORP	PUT	
73757R 10 2 *	POSTAL REALTY TRUST INC	CL A	
73757R 90 2	POSTAL REALTY TRUST INC	CALL	
73757R 95 2	POSTAL REALTY TRUST INC	PUT	
737630 10 3 *	POTLATCHDELTAIC CORPORATION	COM	
737630 90 3	POTLATCHDELTAIC CORPORATION	CALL	
737630 95 3	POTLATCHDELTAIC CORPORATION	PUT	
739128 10 6 *	POWELL INDS INC	COM	
739128 90 6	POWELL INDS INC	CALL	
739128 95 6	POWELL INDS INC	PUT	
73919C 10 0	POWER & DIGITAL INFRASTRUCTU	CLASS A COM	
73919C 11 8	POWER & DIGITAL INFRASTRUCTU	*W EXP 12/09/202	
73919C 20 9	POWER & DIGITAL INFRASTRUCTU	UNIT 12/09/2026	
739276 10 3 *	POWER INTEGRATIONS INC	COM	
739276 90 3	POWER INTEGRATIONS INC	CALL	
739276 95 3	POWER INTEGRATIONS INC	PUT	
73931J 10 9 *	POWERFLEET INC	COM	
73931J 90 9	POWERFLEET INC	CALL	
73931J 95 9	POWERFLEET INC	PUT	
73933H 10 1	POWER REIT	COM	
73939C 10 6 *	POWERSCHOOL HOLDINGS INC	COM CL A	
73939C 90 6	POWERSCHOOL HOLDINGS INC	CALL	
73939C 95 6	POWERSCHOOL HOLDINGS INC	PUT	
74006W 10 8 *	PRAXIS PRECISION MEDICINES I	COM	
74006W 90 8	PRAXIS PRECISION MEDICINES I	CALL	
74006W 95 8	PRAXIS PRECISION MEDICINES I	PUT	
74017N 10 5 *	PRECIGEN INC	COM	
74017N 90 5	PRECIGEN INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 528

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74017N 95 5	PRECIGEN INC	PUT	
74019L 50 3 *	PRECIPIO INC	COM	
74019L 90 3	PRECIPIO INC	CALL	
74019L 95 3	PRECIPIO INC	PUT	
74019P 10 8 *	PRECISION BIOSCIENCES INC	COM	
74019P 90 8	PRECISION BIOSCIENCES INC	CALL	
74019P 95 8	PRECISION BIOSCIENCES INC	PUT	
74022D 40 7 *	PRECISION DRILLING CORP	COM NEW	
74022D 90 7	PRECISION DRILLING CORP	CALL	
74022D 95 7	PRECISION DRILLING CORP	PUT	
740294 40 0	PRECISION OPTICS CORP INC MA	COM NEW	
740367 40 4 *	PREFERRED BK LOS ANGELES CA	COM NEW	
740367 90 4	PREFERRED BK LOS ANGELES CA	CALL	
740367 95 4	PREFERRED BK LOS ANGELES CA	PUT	
74039M 20 0	PREDICTIVE ONCOLOGY INC	COM NEW	
740444 10 4	PREFORMED LINE PRODS CO	COM	
74051N 10 2 *	PREMIER INC	CL A	
74051N 90 2	PREMIER INC	CALL	
74051N 95 2	PREMIER INC	PUT	
74052F 10 8 *	PREMIER FINANCIAL CORP	COM	
74052F 90 8	PREMIER FINANCIAL CORP	CALL	
74052F 95 8	PREMIER FINANCIAL CORP	PUT	
74065P 10 1 *	PRELUDE THERAPEUTICS INC	COM	
74065P 90 1	PRELUDE THERAPEUTICS INC	CALL	
74065P 95 1	PRELUDE THERAPEUTICS INC	PUT	
74102L 11 3	PRESIDIO PPTY TR INC	*W EXP 01/24/202	
74102L 30 3 *	PRESIDIO PPTY TR INC	COM CL A	
74102L 90 3	PRESIDIO PPTY TR INC	CALL	
74102L 95 3	PRESIDIO PPTY TR INC	PUT	
74112D 10 1 *	PRESTIGE CONSMR HEALTHCARE I	COM	
74112D 90 1	PRESTIGE CONSMR HEALTHCARE I	CALL	
74112D 95 1	PRESTIGE CONSMR HEALTHCARE I	PUT	
74113T 10 5	PRESTO AUTOMATION INC	COM	
74113T 11 3	PRESTO AUTOMATION INC	*W EXP 09/21/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 529

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74144T 10 8 *	PRICE T ROWE GROUP INC	COM	
74144T 90 8	PRICE T ROWE GROUP INC	CALL	
74144T 95 8	PRICE T ROWE GROUP INC	PUT	
741511 10 9 *	PRICESMART INC	COM	
741511 90 9	PRICESMART INC	CALL	
741511 95 9	PRICESMART INC	PUT	
74158E 10 4	PRIMEENERGY RESOURCES CORP	COM	
74164F 10 3 *	PRIMORIS SVCS CORP	COM	
74164F 90 3	PRIMORIS SVCS CORP	CALL	
74164F 95 3	PRIMORIS SVCS CORP	PUT	
74164M 10 8 *	PRIMERICA INC	COM	
74164M 90 8	PRIMERICA INC	CALL	
74164M 95 8	PRIMERICA INC	PUT	
74167B 10 9 *	PRIMIS FINANCIAL CORP	COM	
74167B 90 9	PRIMIS FINANCIAL CORP	CALL	
74167B 95 9	PRIMIS FINANCIAL CORP	PUT	
74167P 10 8 *	PRIMO WATER CORPORATION	COM	
74167P 90 8	PRIMO WATER CORPORATION	CALL	
74167P 95 8	PRIMO WATER CORPORATION	PUT	
74168J 10 1 *	PRIME MEDICINE INC	COM	
74168J 90 1	PRIME MEDICINE INC	CALL	
74168J 95 1	PRIME MEDICINE INC	PUT	
74168P 10 7	PRIME NO ACQUISITION I CORP	COM CL A	
74168P 11 5	PRIME NO ACQUISITION I CORP	*W EXP 07/31/202	
74168P 12 3	PRIME NO ACQUISITION I CORP	RIGHT 07/31/2027	
74168P 20 6	PRIME NO ACQUISITION I CORP	UNIT 07/31/2027	
74179A 10 7	PRINCETON BANCORP INC	COM	ADDED
74251V 10 2 *	PRINCIPAL FINANCIAL GROUP IN	COM	
74251V 90 2	PRINCIPAL FINANCIAL GROUP IN	CALL	
74251V 95 2	PRINCIPAL FINANCIAL GROUP IN	PUT	
74255X 10 4	PRINCIPAL REAL ESTATE INCOME	SHS BEN INT	
74255Y 10 2	PRINCIPAL EXCHANGE TRADED FD	ACTIVE HIGH YL	
74255Y 20 1	PRINCIPAL EXCHANGE TRADED FD	QUALITY ETF	
74255Y 30 0	PRINCIPAL EXCHANGE TRADED FD	PRNCPL VLU ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 530

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74255Y 40 9	PRINCIPAL EXCHANGE TRADED FD	PRIN HLTHCRE INV	
74255Y 50 8 *	PRINCIPAL EXCHANGE TRADED FD	PRIN MILNS GBL	
74255Y 90 8	PRINCIPAL EXCHANGE TRADED FD	CALL	
74255Y 95 8	PRINCIPAL EXCHANGE TRADED FD	PUT	
74255Y 60 7	PRINCIPAL EXCHANGE TRADED FD	US SMCP MLTFCTR	
74255Y 72 2	PRINCIPAL EXCHANGE TRADED FD	REAL ESTATE ACTI	
74255Y 73 0	PRINCIPAL EXCHANGE TRADED FD	PRIN US SML CAP	
74255Y 74 8	PRINCIPAL EXCHANGE TRADED FD	PRIN US LRG CAP	
74255Y 75 5	PRINCIPAL EXCHANGE TRADED FD	PRIN INTL ADAPTV	
74255Y 76 3	PRINCIPAL EXCHANGE TRADED FD	SPECTRUM TAX ADV	
74255Y 81 3	PRINCIPAL EXCHANGE TRADED FD	ULTRA SHT ACTV	DELETED
74255Y 82 1	PRINCIPAL EXCHANGE TRADED FD	PRNC INVT GRAD	
74255Y 87 0 *	PRINCIPAL EXCHANGE TRADED FD	US MEGA CP ETF	
74255Y 90 0	PRINCIPAL EXCHANGE TRADED FD	CALL	
74255Y 95 0	PRINCIPAL EXCHANGE TRADED FD	PUT	
74255Y 88 8	PRINCIPAL EXCHANGE TRADED FD	SPECTRUM PFD	
74265M 20 5	PRO-DEX INC COLO	COM NEW	
74267C 10 6 *	PROASSURANCE CORP	COM	
74267C 90 6	PROASSURANCE CORP	CALL	
74267C 95 6	PROASSURANCE CORP	PUT	
742718 10 9 *	PROCTER AND GAMBLE CO	COM	
742718 90 9	PROCTER AND GAMBLE CO	CALL	
742718 95 9	PROCTER AND GAMBLE CO	PUT	
74275C 20 5	PROCESSA PHARMACEUTICALS INC	COM NEW	
74275G 10 7	PRIORITY TECHNOLOGY HLDGS IN	COM	
74275K 10 8 *	PROCORE TECHNOLOGIES INC	COM	
74275K 90 8	PROCORE TECHNOLOGIES INC	CALL	
74275K 95 8	PROCORE TECHNOLOGIES INC	PUT	
74275N 10 2	PRIVETERRA ACQUISITION CORP	CL A	
74275N 11 0	PRIVETERRA ACQUISITION CORP	*W EXP 02/28/202	
74275N 20 1	PRIVETERRA ACQUISITION CORP	UNIT 99/99/9999	
74276L 10 5 *	PROCEPT BIOROBOTICS CORP	COM	
74276L 90 5	PROCEPT BIOROBOTICS CORP	CALL	
74276L 95 5	PROCEPT BIOROBOTICS CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 531

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74276R 10 2 *	PRIVIA HEALTH GROUP INC	COM	
74276R 90 2	PRIVIA HEALTH GROUP INC	CALL	
74276R 95 2	PRIVIA HEALTH GROUP INC	PUT	
74280R 20 5 *	PROCURE ETF TRUST II	SPACE ETF	
74280R 90 5	PROCURE ETF TRUST II	CALL	
74280R 95 5	PROCURE ETF TRUST II	PUT	
74280R 30 4	PROCURE ETF TRUST II	DISASTER REC STR	
74312Y 20 2	PROFESSIONAL DVRSTY NETWORK I	COM NEW	DELETED
74312Y 30 1	PROFESSIONAL DVRSTY NETWORK I	COM	ADDED
743139 10 7	PROFESSIONAL HLDG CORP	CL A COM	DELETED
74316X 10 1	PROFIRE ENERGY INC	COM	
74319B 50 2 *	PROFOUND MED CORP	COM NEW	
74319B 90 2	PROFOUND MED CORP	CALL	
74319B 95 2	PROFOUND MED CORP	PUT	
74319F AB 3	BIORA THERAPEUTICS INC	NOTE 7.250%12/0	
74319F 10 7 *	BIORA THERAPEUTICS INC	COM	DELETED
74319F 90 7	BIORA THERAPEUTICS INC	CALL	DELETED
74319F 95 7	BIORA THERAPEUTICS INC	PUT	DELETED
74319F 30 5 *	BIORA THERAPEUTICS INC	COM NEW	ADDED
74319F 90 5	BIORA THERAPEUTICS INC	CALL	ADDED
74319F 95 5	BIORA THERAPEUTICS INC	PUT	ADDED
74319N 10 0 *	PROFRAC HLDG CORP	CLASS A COM	
74319N 90 0	PROFRAC HLDG CORP	CALL	
74319N 95 0	PROFRAC HLDG CORP	PUT	
74319N 11 8	PROFRAC HLDG CORP	*W EXP 11/09/202	
74319R 10 1 *	PROG HOLDINGS INC	COM NPV	
74319R 90 1	PROG HOLDINGS INC	CALL	
74319R 95 1	PROG HOLDINGS INC	PUT	
74327P 10 5	PROGRESS ACQUISITION CORP	COM CL A	
74327P 11 3	PROGRESS ACQUISITION CORP	*W EXP 11/11/202	
74327P 20 4	PROGRESS ACQUISITION CORP	UNIT 12/25/2025	
743312 AB 6	PROGRESS SOFTWARE CORP	NOTE 1.000% 4/1	
743312 10 0 *	PROGRESS SOFTWARE CORP	COM	
743312 90 0	PROGRESS SOFTWARE CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 532

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
743312 95 0	PROGRESS SOFTWARE CORP	PUT	
743315 10 3 *	PROGRESSIVE CORP	COM	
743315 90 3	PROGRESSIVE CORP	CALL	
743315 95 3	PROGRESSIVE CORP	PUT	
74340E 10 3 *	PROGYNY INC	COM	
74340E 90 3	PROGYNY INC	CALL	
74340E 95 3	PROGYNY INC	PUT	
74340W 10 3 *	PROLOGIS INC.	COM	
74340W 90 3	PROLOGIS INC.	CALL	
74340W 95 3	PROLOGIS INC.	PUT	
74345W 10 8 *	PROPHASE LABS INC	COM	
74345W 90 8	PROPHASE LABS INC	CALL	
74345W 95 8	PROPHASE LABS INC	PUT	
74346M 40 6	PROMIS NEUROSCIENCES INC	COM NEW	
74346Y AG 8	PROS HOLDINGS INC	NOTE 2.250% 9/1	
74346Y AH 6	PROS HOLDINGS INC	NOTE 1.000% 5/1	
74346Y 10 3 *	PROS HOLDINGS INC	COM	
74346Y 90 3	PROS HOLDINGS INC	CALL	
74346Y 95 3	PROS HOLDINGS INC	PUT	
74347B 11 0 *	PROSHARES TR	ULTRAPRO SHORT S	
74347B 90 0	PROSHARES TR	CALL	
74347B 95 0	PROSHARES TR	PUT	
74347B 16 9 *	PROSHARES TR	ONLINE RTL ETF	
74347B 90 9	PROSHARES TR	CALL	
74347B 95 9	PROSHARES TR	PUT	
74347B 18 5 *	PROSHARES TR	PSHS SHTFINL ETF	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	
74347B 20 1 *	PROSHARES TR	PSHS ULTSH 20YRS	
74347B 90 1	PROSHARES TR	CALL	
74347B 95 1	PROSHARES TR	PUT	
74347B 22 7 *	PROSHARES TR	ULTSHT FT CH 50	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 533

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347B 23 5 *	PROSHARES TR	PSHS SHORT DOW30	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	
74347B 25 0 *	PROSHARES TR	PSHS SH MDCAP400	
74347B 90 0	PROSHARES TR	CALL	
74347B 95 0	PROSHARES TR	PUT	
74347B 28 4 *	PROSHARES TR	SHT MSCI NEW	
74347B 90 4	PROSHARES TR	CALL	
74347B 95 4	PROSHARES TR	PUT	
74347B 31 8	PROSHARES TR	S&P 500 BD ETF	
74347B 36 7 *	PROSHARES TR	DECLINE RETAIL	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	
74347B 37 5	PROSHARES TR	LONG ONLINE SHRT	
74347B 39 1	PROSHARES TR	EQTS FOR RISIN	
74347B 42 5 *	PROSHARES TR	SHORT S&P 500 NE	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	
74347B 49 0 *	PROSHARES TR	ULTRA MSCI BRAZI	
74347B 90 0	PROSHARES TR	CALL	
74347B 95 0	PROSHARES TR	PUT	
74347B 50 8 *	PROSHARES TR	DJ BRKFLD GLB	
74347B 90 8	PROSHARES TR	CALL	
74347B 95 8	PROSHARES TR	PUT	
74347B 54 0	PROSHARES TR	MSCI EUR DIV	
74347B 55 7 *	PROSHARES TR	SP500 EX TECH	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	
74347B 56 5 *	PROSHARES TR	SP500 EX HLTH	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	
74347B 57 3 *	PROSHARES TR	SP500 EX FINLS	
74347B 90 3	PROSHARES TR	CALL	
74347B 95 3	PROSHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 534

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347B 58 1 *	PROSHARES TR	SP500 EX ENRGY	
74347B 90 1	PROSHARES TR	CALL	
74347B 95 1	PROSHARES TR	PUT	
74347B 60 7 *	PROSHARES TR	INVT INT RT HG	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	
74347B 68 0 *	PROSHARES TR	S&P MDCP 400 DIV	
74347B 90 0	PROSHARES TR	CALL	
74347B 95 0	PROSHARES TR	PUT	
74347B 69 8 *	PROSHARES TR	RUSS 2000 DIVD	
74347B 90 8	PROSHARES TR	CALL	
74347B 95 8	PROSHARES TR	PUT	
74347B 71 4 *	PROSHARES TR	SHORT QQQ NEW	
74347B 90 4	PROSHARES TR	CALL	
74347B 95 4	PROSHARES TR	PUT	
74347B 83 9	PROSHARES TR	MSCI EAFE DIVD	
74347B 84 7	PROSHARES TR	MSCI EMRG MKTS	
74347G 26 7	PROSHARES TR	PROSHARES S&P	
74347G 27 5 *	PROSHARES TR	ULTRASHORT CONSU	
74347G 90 5	PROSHARES TR	CALL	
74347G 95 5	PROSHARES TR	PUT	
74347G 28 3 *	PROSHARES TR	ULT MSCI BR CAPP	
74347G 90 3	PROSHARES TR	CALL	
74347G 95 3	PROSHARES TR	PUT	
74347G 29 1 *	PROSHARES TR	SHORT BITCOIN	
74347G 90 1	PROSHARES TR	CALL	
74347G 95 1	PROSHARES TR	PUT	
74347G 31 7 *	PROSHARES TR	SUPPLY CHAIN LOG	
74347G 90 7	PROSHARES TR	CALL	
74347G 95 7	PROSHARES TR	PUT	
74347G 32 5 *	PROSHARES TR	METAVVERSE ETF	
74347G 90 5	PROSHARES TR	CALL	
74347G 95 5	PROSHARES TR	PUT	
74347G 35 8 *	PROSHARES TR	ULTRASHORT ENRGY	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 535

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347G 90 8	PROSHARES TR	CALL	
74347G 95 8	PROSHARES TR	PUT	
74347G 36 6 *	PROSHARES TR	SHRT RL EST FD	
74347G 90 6	PROSHARES TR	CALL	
74347G 95 6	PROSHARES TR	PUT	
74347G 37 4 *	PROSHARES TR	PSHS ULDOW30 NEW	
74347G 90 4	PROSHARES TR	CALL	
74347G 95 4	PROSHARES TR	PUT	
74347G 38 2 *	PROSHARES TR	ULTSHT FINLS NEW	
74347G 90 2	PROSHARES TR	CALL	
74347G 95 2	PROSHARES TR	PUT	
74347G 39 0 *	PROSHARES TR	ULTPRO SHT 2017	
74347G 90 0	PROSHARES TR	CALL	
74347G 95 0	PROSHARES TR	PUT	
74347G 41 6 *	PROSHARES TR	ULTRASHRT S&P500	
74347G 90 6	PROSHARES TR	CALL	
74347G 95 6	PROSHARES TR	PUT	
74347G 42 4 *	PROSHARES TR	ULSHRT TECH NEW	
74347G 90 4	PROSHARES TR	CALL	
74347G 95 4	PROSHARES TR	PUT	
74347G 43 2 *	PROSHARES TR	ULTRAPRO SHT QQQ	
74347G 90 2	PROSHARES TR	CALL	
74347G 95 2	PROSHARES TR	PUT	
74347G 44 0 *	PROSHARES TR	BITCOIN STRATE	
74347G 90 0	PROSHARES TR	CALL	
74347G 95 0	PROSHARES TR	PUT	
74347G 45 7	PROSHARES TR	BIG DATA REFINER	
74347G 46 5 *	PROSHARES TR	NANOTECH ETF	
74347G 90 5	PROSHARES TR	CALL	
74347G 95 5	PROSHARES TR	PUT	
74347G 47 3 *	PROSHARES TR	SMART MATLS ETF	
74347G 90 3	PROSHARES TR	CALL	
74347G 95 3	PROSHARES TR	PUT	
74347G 48 1 *	PROSHARES TR	S&P KENSHO SMRT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 536

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347G 90 1	PROSHARES TR	CALL	
74347G 95 1	PROSHARES TR	PUT	
74347G 50 7	PROSHARES TR	RUSSELL US DIV	
74347G 51 5	PROSHARES TR	S&P KENSHO CLEA	
74347G 52 3 *	PROSHARES TR	ON-DEMAND ETF	
74347G 90 3	PROSHARES TR	CALL	
74347G 95 3	PROSHARES TR	PUT	
74347G 55 6 *	PROSHARES TR	ULTSHT REAL EST	
74347G 90 6	PROSHARES TR	CALL	
74347G 95 6	PROSHARES TR	PUT	
74347G 56 4 *	PROSHARES TR	ULTSHT HLTHCRE	
74347G 90 4	PROSHARES TR	CALL	
74347G 95 4	PROSHARES TR	PUT	
74347G 57 2 *	PROSHARES TR	ULTSHT SMLCP600	
74347G 90 2	PROSHARES TR	CALL	
74347G 95 2	PROSHARES TR	PUT	
74347G 58 0 *	PROSHARES TR	ULTSHT MIDCAP400	
74347G 90 0	PROSHARES TR	CALL	
74347G 95 0	PROSHARES TR	PUT	
74347G 59 8 *	PROSHARES TR	ULTRASHORT INDL	
74347G 90 8	PROSHARES TR	CALL	
74347G 95 8	PROSHARES TR	PUT	
74347G 60 6	PROSHARES TR	S&P TECH DIVIDEN	
74347G 61 4 *	PROSHARES TR	ULTRASHORT MATER	
74347G 90 4	PROSHARES TR	CALL	
74347G 95 4	PROSHARES TR	PUT	
74347G 62 2 *	PROSHARES TR	ULSHRT SEMIC NEW	
74347G 90 2	PROSHARES TR	CALL	
74347G 95 2	PROSHARES TR	PUT	
74347G 63 0 *	PROSHARES TR	ULTRASHORT CONSM	
74347G 90 0	PROSHARES TR	CALL	
74347G 95 0	PROSHARES TR	PUT	
74347G 64 8 *	PROSHARES TR	ULTRASHRT DOW 30	
74347G 90 8	PROSHARES TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 537

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74347G 95 8	PROSHARES TR	PUT	
74347G 66 3 *	PROSHARES TR	ULTPRO SHT	
74347G 90 3	PROSHARES TR	CALL	
74347G 95 3	PROSHARES TR	PUT	
74347G 67 1	PROSHARES TR	NASDAQ100 DORSEY	
74347G 68 9 *	PROSHARES TR	ULTSHT RUSS2000	
74347G 90 9	PROSHARES TR	CALL	
74347G 95 9	PROSHARES TR	PUT	
74347G 70 5 *	PROSHARES TR	ULTRA ENERGY	
74347G 90 5	PROSHARES TR	CALL	
74347G 95 5	PROSHARES TR	PUT	
74347G 72 1 *	PROSHARES TR	ULSHRT UTILS NEW	
74347G 90 1	PROSHARES TR	CALL	
74347G 95 1	PROSHARES TR	PUT	
74347G 73 9 *	PROSHARES TR	ULTSHRT QQQ	
74347G 90 9	PROSHARES TR	CALL	
74347G 95 9	PROSHARES TR	PUT	
74347G 77 0	PROSHARES TR	ULTRA CYBRSCURTY	
74347G 78 8 *	PROSHARES TR	ULTR NASDAQCMPTG	
74347G 90 8	PROSHARES TR	CALL	
74347G 95 8	PROSHARES TR	PUT	
74347G 79 6	PROSHARES TR	MSCI TRANFRMTNAL	
74347G 80 4 *	PROSHARES TR	K1 FRE CRD OIL	
74347G 90 4	PROSHARES TR	CALL	
74347G 95 4	PROSHARES TR	PUT	
74347G 83 8 *	PROSHARES TR	ULTST NASD NW20	
74347G 90 8	PROSHARES TR	CALL	
74347G 95 8	PROSHARES TR	PUT	
74347G 88 7 *	PROSHARES TR	ULSH 20YRTRE NEW	
74347G 90 7	PROSHARES TR	CALL	
74347G 95 7	PROSHARES TR	PUT	
74347M 10 8 *	PROPETRO HLDG CORP	COM	
74347M 90 8	PROPETRO HLDG CORP	CALL	
74347M 95 8	PROPETRO HLDG CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 538

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347R 10 7 *	PROSHARES TR	PSHS ULT S&P 500	
74347R 90 7	PROSHARES TR	CALL	
74347R 95 7	PROSHARES TR	PUT	
74347R 13 1 *	PROSHARES TR	SHRT HGH YIELD	
74347R 90 1	PROSHARES TR	CALL	
74347R 95 1	PROSHARES TR	PUT	
74347R 17 2 *	PROSHARES TR	ULTRA 20YR TRE	
74347R 90 2	PROSHARES TR	CALL	
74347R 95 2	PROSHARES TR	PUT	
74347R 18 0 *	PROSHARES TR	ULTR 7-10 TREA	
74347R 90 0	PROSHARES TR	CALL	
74347R 95 0	PROSHARES TR	PUT	
74347R 20 6 *	PROSHARES TR	PSHS ULTRA QQQ	
74347R 90 6	PROSHARES TR	CALL	
74347R 95 6	PROSHARES TR	PUT	
74347R 21 4 *	PROSHARES TR	PSHS ULT NASB	
74347R 90 4	PROSHARES TR	CALL	
74347R 95 4	PROSHARES TR	PUT	
74347R 24 8	PROSHARES TR	LARGE CAP CRE	
74347R 26 3 *	PROSHARES TR	ULTRA COMMUNICTN	
74347R 90 3	PROSHARES TR	CALL	
74347R 95 3	PROSHARES TR	PUT	
74347R 30 5 *	PROSHARES TR	PSHS ULTRA DOW30	
74347R 90 5	PROSHARES TR	CALL	
74347R 95 5	PROSHARES TR	PUT	
74347R 31 3 *	PROSHARES TR	PSHS ULSHT 7-10Y	
74347R 90 3	PROSHARES TR	CALL	
74347R 95 3	PROSHARES TR	PUT	
74347R 37 0 *	PROSHARES TR	PSHS SH MSCI EAF	
74347R 90 0	PROSHARES TR	CALL	
74347R 95 0	PROSHARES TR	PUT	
74347R 39 6 *	PROSHARES TR	PSHS SH MSCI EMR	
74347R 90 6	PROSHARES TR	CALL	
74347R 95 6	PROSHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 539

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347R 40 4 *	PROSHARES TR	PSHS ULT MCAP400	
74347R 90 4	PROSHARES TR	CALL	
74347R 95 4	PROSHARES TR	PUT	
74347R 66 9 *	PROSHARES TR	PSHS ULT SEMICDT	
74347R 90 9	PROSHARES TR	CALL	
74347R 95 9	PROSHARES TR	PUT	
74347R 68 5 *	PROSHARES TR	PSHS ULTRA UTIL	
74347R 90 5	PROSHARES TR	CALL	
74347R 95 5	PROSHARES TR	PUT	
74347R 69 3 *	PROSHARES TR	PSHS ULTRA TECH	
74347R 90 3	PROSHARES TR	CALL	
74347R 95 3	PROSHARES TR	PUT	
74347R 72 7 *	PROSHARES TR	PSHS ULTRA INDL	
74347R 90 7	PROSHARES TR	CALL	
74347R 95 7	PROSHARES TR	PUT	
74347R 73 5 *	PROSHARES TR	PSHS ULT HLTHCRE	
74347R 90 5	PROSHARES TR	CALL	
74347R 95 5	PROSHARES TR	PUT	
74347R 75 0 *	PROSHARES TR	ULTRA CONS DISCR	
74347R 90 0	PROSHARES TR	CALL	
74347R 95 0	PROSHARES TR	PUT	
74347R 76 8 *	PROSHARES TR	ULTRA CONSU STAP	
74347R 90 8	PROSHARES TR	CALL	
74347R 95 8	PROSHARES TR	PUT	
74347R 77 6 *	PROSHARES TR	ULTRA MATERIALS	
74347R 90 6	PROSHARES TR	CALL	
74347R 95 6	PROSHARES TR	PUT	
74347R 81 8 *	PROSHARES TR	PSHS ULT SCAP600	
74347R 90 8	PROSHARES TR	CALL	
74347R 95 8	PROSHARES TR	PUT	
74347R 84 2 *	PROSHARES TR	PSHS ULTRUSS2000	
74347R 90 2	PROSHARES TR	CALL	
74347R 95 2	PROSHARES TR	PUT	
74347W 13 0 *	PROSHARES TR II	SHT VIX ST TRM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 540

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347W 90 0	PROSHARES TR II	CALL	
74347W 95 0	PROSHARES TR II	PUT	
74347W 27 0 *	PROSHARES TR II	ULTRA YEN NEW	
74347W 90 0	PROSHARES TR II	CALL	
74347W 95 0	PROSHARES TR II	PUT	
74347W 33 8 *	PROSHARES TR II	VIX MDTRM FUTR N	
74347W 90 8	PROSHARES TR II	CALL	
74347W 95 8	PROSHARES TR II	PUT	
74347W 35 3 *	PROSHARES TR II	ULTRA SILVER NEW	
74347W 90 3	PROSHARES TR II	CALL	
74347W 95 3	PROSHARES TR II	PUT	
74347W 39 5 *	PROSHARES TR II	ULTRASHRT NEW	
74347W 90 5	PROSHARES TR II	CALL	
74347W 95 5	PROSHARES TR II	PUT	
74347W 56 9 *	PROSHARES TR II	ULTRASHORT YEN N	
74347W 90 9	PROSHARES TR II	CALL	
74347W 95 9	PROSHARES TR II	PUT	
74347W 60 1 *	PROSHARES TR II	ULTRA GOLD	
74347W 90 1	PROSHARES TR II	CALL	
74347W 95 1	PROSHARES TR II	PUT	
74347W 87 4 *	PROSHARES TR II	PSH ULTRA EURO	
74347W 90 4	PROSHARES TR II	CALL	
74347W 95 4	PROSHARES TR II	PUT	
74347W 88 2 *	PROSHARES TR II	ULTRASHRT EURO	
74347W 90 2	PROSHARES TR II	CALL	
74347W 95 2	PROSHARES TR II	PUT	
74347X 29 4	PROSHARES TR	HD REPLICATION	
74347X 30 2 *	PROSHARES TR	MSCI EMRG ETF	
74347X 90 2	PROSHARES TR	CALL	
74347X 95 2	PROSHARES TR	PUT	
74347X 50 0	PROSHARES TR	ULTR MSCI ETF	
74347X 52 6 *	PROSHARES TR	ULT FTSE EUROPE	
74347X 90 6	PROSHARES TR	CALL	
74347X 95 6	PROSHARES TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 541

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74347X 62 5 *	PROSHARES TR	ULT R/EST NEW	
74347X 90 5	PROSHARES TR	CALL	
74347X 95 5	PROSHARES TR	PUT	
74347X 63 3 *	PROSHARES TR	ULTRA FNCLS NEW	
74347X 90 3	PROSHARES TR	CALL	
74347X 95 3	PROSHARES TR	PUT	
74347X 65 8 *	PROSHARES TR	SHT FTSE CHIN 50	
74347X 90 8	PROSHARES TR	CALL	
74347X 95 8	PROSHARES TR	PUT	
74347X 70 8 *	PROSHARES TR	UL MSCI JP ETF	
74347X 90 8	PROSHARES TR	CALL	
74347X 95 8	PROSHARES TR	PUT	
74347X 79 9 *	PROSHARES TR	ULTR RUSSL2000	
74347X 90 9	PROSHARES TR	CALL	
74347X 95 9	PROSHARES TR	PUT	
74347X 81 5 *	PROSHARES TR	ULTRA MDCAP400	
74347X 90 5	PROSHARES TR	CALL	
74347X 95 5	PROSHARES TR	PUT	
74347X 82 3 *	PROSHARES TR	ULTRPRO DOW30	
74347X 90 3	PROSHARES TR	CALL	
74347X 95 3	PROSHARES TR	PUT	
74347X 83 1 *	PROSHARES TR	ULTRAPRO QQQ	
74347X 90 1	PROSHARES TR	CALL	
74347X 95 1	PROSHARES TR	PUT	
74347X 84 9 *	PROSHARES TR	SHRT 20+YR TRE	
74347X 90 9	PROSHARES TR	CALL	
74347X 95 9	PROSHARES TR	PUT	
74347X 86 4 *	PROSHARES TR	ULTRPRO S&P500	
74347X 90 4	PROSHARES TR	CALL	
74347X 95 4	PROSHARES TR	PUT	
74347X 88 0 *	PROSHARES TR	ULT FTSE CHIN 50	
74347X 90 0	PROSHARES TR	CALL	
74347X 95 0	PROSHARES TR	PUT	
74347Y 79 7 *	PROSHARES TR II	ULSHT BLOOMB OIL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 542

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74347Y 90 7	PROSHARES TR II	CALL	
74347Y 95 7	PROSHARES TR II	PUT	
74347Y 81 3 *	PROSHARES TR II	ULSHT BLOOMB GAS	
74347Y 90 3	PROSHARES TR II	CALL	
74347Y 95 3	PROSHARES TR II	PUT	
74347Y 83 9 *	PROSHARES TR II	ULTRA VIX SHORT	
74347Y 90 9	PROSHARES TR II	CALL	
74347Y 95 9	PROSHARES TR II	PUT	
74347Y 84 7 *	PROSHARES TR II	PSHS ULSSLVR NEW	
74347Y 90 7	PROSHARES TR II	CALL	
74347Y 95 7	PROSHARES TR II	PUT	
74347Y 85 4 *	PROSHARES TR II	VIX SH TRM FUTRS	
74347Y 90 4	PROSHARES TR II	CALL	
74347Y 95 4	PROSHARES TR II	PUT	
74347Y 87 0 *	PROSHARES TR II	ULTRA BLOOMBERG	
74347Y 90 0	PROSHARES TR II	CALL	
74347Y 95 0	PROSHARES TR II	PUT	
74347Y 88 8 *	PROSHARES TR II	ULTA BLMBG 2017	
74347Y 90 8	PROSHARES TR II	CALL	
74347Y 95 8	PROSHARES TR II	PUT	
74348A 14 5 *	PROSHARES TR	PET CARE ETF	
74348A 90 5	PROSHARES TR	CALL	
74348A 95 5	PROSHARES TR	PUT	
74348A 21 0 *	PROSHARES TR	SHRT RUSSELL2000	
74348A 90 0	PROSHARES TR	CALL	
74348A 95 0	PROSHARES TR	PUT	
74348A 37 6 *	PROSHARES TR	SHRT SMALLCAP60	
74348A 90 6	PROSHARES TR	CALL	
74348A 95 6	PROSHARES TR	PUT	
74348A 43 4 *	PROSHARES TR	ULTSHT FTSE EURO	
74348A 90 4	PROSHARES TR	CALL	
74348A 95 4	PROSHARES TR	PUT	
74348A 45 9 *	PROSHARES TR	ULTSHT MSCI JAP	
74348A 90 9	PROSHARES TR	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 543

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74348A 95 9	PROSHARES TR	PUT	
74348A 46 7 *	PROSHARES TR	S&P 500 DV ARIST	
74348A 90 7	PROSHARES TR	CALL	
74348A 95 7	PROSHARES TR	PUT	
74348A 47 5	PROSHARES TR	ULSH MSCIEAF NEW	
74348A 53 3	PROSHARES TR	PRIV EQTY-LSTD	
74348A 54 1	PROSHARES TR	HGH YLD INT RATE	
74348A 56 6	PROSHARES TR	MERGER ETF	
74348A 60 8	PROSHARES TR	SHT 7-10 YR TR	
74348A 70 7	PROSHARES TR	ULTRA HIGH YLD	
74348A 81 4 *	PROSHARES TR	INFLATN EXPECTNS	
74348A 90 4	PROSHARES TR	CALL	
74348A 95 4	PROSHARES TR	PUT	
74348T AT 9	PROSPECT CAP CORP	NOTE 6.375% 3/0	
74348T 10 2 *	PROSPECT CAP CORP	COM	
74348T 90 2	PROSPECT CAP CORP	CALL	
74348T 95 2	PROSPECT CAP CORP	PUT	
74349U 10 8 *	PROMETHEUS BIOSCIENCES INC	COM	
74349U 90 8	PROMETHEUS BIOSCIENCES INC	CALL	
74349U 95 8	PROMETHEUS BIOSCIENCES INC	PUT	
74349W 10 4	PROOF ACQUISITION CORP I	CL A COM	
74349W 11 2	PROOF ACQUISITION CORP I	*W EXP 99/99/999	
74349W 20 3	PROOF ACQUISITION CORP I	UNIT 99/99/9999	
743606 10 5 *	PROSPERITY BANCSHARES INC	COM	
743606 90 5	PROSPERITY BANCSHARES INC	CALL	
743606 95 5	PROSPERITY BANCSHARES INC	PUT	
74365A AJ 0	PROTALIX BIOTHERAPEUTICS INC	NOTE 7.500% 9/0	
74365A 30 9 *	PROTALIX BIOTHERAPEUTICS INC	COM	
74365A 90 9	PROTALIX BIOTHERAPEUTICS INC	CALL	
74365A 95 9	PROTALIX BIOTHERAPEUTICS INC	PUT	
74365N 10 3	PROTAGENIC THERAPEUTICS INC	COM	DELETED
74365N 11 1	PROTAGENIC THERAPEUTICS INC	*W EXP 04/29/202	
74365N 20 2	PROTAGENIC THERAPEUTICS INC	COM NEW	ADDED
74365U 10 7 *	PROTARA THERAPEUTICS INC	COM STK	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 544

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74365U 90 7	PROTARA THERAPEUTICS INC	CALL	
74365U 95 7	PROTARA THERAPEUTICS INC	PUT	
74366E 10 2 *	PROTAGONIST THERAPEUTICS INC	COM	
74366E 90 2	PROTAGONIST THERAPEUTICS INC	CALL	
74366E 95 2	PROTAGONIST THERAPEUTICS INC	PUT	
743713 10 9 *	PROTO LABS INC	COM	
743713 90 9	PROTO LABS INC	CALL	
743713 95 9	PROTO LABS INC	PUT	
74374N 10 2 *	PROVENTION BIO INC	COM	
74374N 90 2	PROVENTION BIO INC	CALL	
74374N 95 2	PROVENTION BIO INC	PUT	
74374T 10 9 *	PROTERRA INC	COM	
74374T 90 9	PROTERRA INC	CALL	
74374T 95 9	PROTERRA INC	PUT	
74383L 10 5 *	PROVIDENT BANCORP INC	COM NEW	
74383L 90 5	PROVIDENT BANCORP INC	CALL	
74383L 95 5	PROVIDENT BANCORP INC	PUT	
74386T 10 5 *	PROVIDENT FINL SVCS INC	COM	
74386T 90 5	PROVIDENT FINL SVCS INC	CALL	
74386T 95 5	PROVIDENT FINL SVCS INC	PUT	
743868 10 1	PROVIDENT FINL HLDGS INC	COM	
744320 10 2 *	PRUDENTIAL FINL INC	COM	
744320 90 2	PRUDENTIAL FINL INC	CALL	
744320 95 2	PRUDENTIAL FINL INC	PUT	
74435K 20 4 *	PRUDENTIAL PLC	ADR	
74435K 90 4	PRUDENTIAL PLC	CALL	
74435K 95 4	PRUDENTIAL PLC	PUT	
744375 20 5	PSYCHEMEDICS CORP	COM NEW	
744413 10 5	P3 HEALTH PARTNERS INC	COM CL A	
744413 11 3	P3 HEALTH PARTNERS INC	*W EXP 11/19/202	
744573 10 6 *	PUBLIC SVC ENTERPRISE GRP IN	COM	
744573 90 6	PUBLIC SVC ENTERPRISE GRP IN	CALL	
744573 95 6	PUBLIC SVC ENTERPRISE GRP IN	PUT	
74460D 10 9 *	PUBLIC STORAGE	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 545

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74460D 90 9	PUBLIC STORAGE	CALL	
74460D 95 9	PUBLIC STORAGE	PUT	
74467Q 10 3 *	PUBMATIC INC	COM CL A	
74467Q 90 3	PUBMATIC INC	CALL	
74467Q 95 3	PUBMATIC INC	PUT	
74584P 30 1	PULMATRIX INC	COM	
745848 10 1 *	PULMONX CORP	COM	
745848 90 1	PULMONX CORP	CALL	
745848 95 1	PULMONX CORP	PUT	
745867 10 1 *	PULTE GROUP INC	COM	
745867 90 1	PULTE GROUP INC	CALL	
745867 95 1	PULTE GROUP INC	PUT	
74587B 10 1 *	PULSE BIOSCIENCES INC	COM	
74587B 90 1	PULSE BIOSCIENCES INC	CALL	
74587B 95 1	PULSE BIOSCIENCES INC	PUT	
74587V 10 7 *	PUMA BIOTECHNOLOGY INC	COM	
74587V 90 7	PUMA BIOTECHNOLOGY INC	CALL	
74587V 95 7	PUMA BIOTECHNOLOGY INC	PUT	
746228 30 3 *	PURE CYCLE CORP	COM NEW	
746228 90 3	PURE CYCLE CORP	CALL	
746228 95 3	PURE CYCLE CORP	PUT	
74623V 10 3 *	PURECYCLE TECHNOLOGIES INC	COM	
74623V 90 3	PURECYCLE TECHNOLOGIES INC	CALL	
74623V 95 3	PURECYCLE TECHNOLOGIES INC	PUT	
74623V 11 1	PURECYCLE TECHNOLOGIES INC	*W EXP 03/17/202	
74623V 20 2	PURECYCLE TECHNOLOGIES INC	UNIT 03/17/2026	
746237 10 6	PURETECH HEALTH PLC	ADS	
74624M AB 8	PURE STORAGE INC	NOTE 0.125% 4/1	
74624M 10 2 *	PURE STORAGE INC	CL A	
74624M 90 2	PURE STORAGE INC	CALL	
74624M 95 2	PURE STORAGE INC	PUT	
74638P 10 9 *	PURPLE BIOTECH LTD	SPONSORED ADS	
74638P 90 9	PURPLE BIOTECH LTD	CALL	
74638P 95 9	PURPLE BIOTECH LTD	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 546

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
74640Y 10 6 *	PURPLE INNOVATION INC	COM	
74640Y 90 6	PURPLE INNOVATION INC	CALL	
74640Y 95 6	PURPLE INNOVATION INC	PUT	
746729 10 2	PUTNAM ETF TRUST	SUSTAINABLE LEAD	
746729 20 1	PUTNAM ETF TRUST	SUSTAINABLE FUTU	
746729 30 0	PUTNAM ETF TRUST	FOCUSED LAR CAP	
746729 40 9	PUTNAM ETF TRUST	FOCSD LARCP GWT	
746729 50 8	PUTNAM ETF TRUST	BDC INCOME ETF	
746729 60 7	PUTNAM ETF TRUST	ESG CORE BOND	ADDED
746729 70 6	PUTNAM ETF TRUST	PANAGORA ESG	ADDED
746729 80 5	PUTNAM ETF TRUST	BIOREVOLUTION	
746729 85 4	PUTNAM ETF TRUST	ESG ULTRA SHORT	ADDED
746729 87 0	PUTNAM ETF TRUST	PANAGORA ESG	ADDED
746729 88 8	PUTNAM ETF TRUST	ESG HIGH YIELD	ADDED
746823 10 3	PUTNAM MANAGED MUN INCOME TR	COM	
746853 10 0	PUTNAM PREMIER INCOME TR	SH BEN INT	
746909 10 0	PUTNAM MASTER INTER INCOME T	SH BEN INT	
746922 10 3	PUTNAM MUN OPPORTUNITIES TR	SH BEN INT	
74727A 10 4 *	QCR HOLDINGS INC	COM	
74727A 90 4	QCR HOLDINGS INC	CALL	
74727A 95 4	QCR HOLDINGS INC	PUT	
747301 10 9 *	QUAD / GRAPHICS INC	COM CL A	
747301 90 9	QUAD / GRAPHICS INC	CALL	
747301 95 9	QUAD / GRAPHICS INC	PUT	
747316 10 7 *	QUAKER HOUGHTON	COM	
747316 90 7	QUAKER HOUGHTON	CALL	
747316 95 7	QUAKER HOUGHTON	PUT	
747324 10 1	PYXIS ONCOLOGY INC	COMMON STOCK	
74734T 10 4 *	PYROGENESIS CDA INC	COM	
74734T 90 4	PYROGENESIS CDA INC	CALL	
74734T 95 4	PYROGENESIS CDA INC	PUT	
74735M 10 8	QIWI PLC	SPON ADR REP B	
74736K 10 1 *	QORVO INC	COM	
74736K 90 1	QORVO INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 547

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74736K 95 1	QORVO INC	PUT	
74736L AB 5	Q2 HLDGS INC	NOTE 0.750% 2/1	DELETED
74736L AD 1	Q2 HLDGS INC	NOTE 0.750% 6/0	
74736L AF 6	Q2 HLDGS INC	NOTE 0.125%11/1	
74736L 10 9 *	Q2 HLDGS INC	COM	
74736L 90 9	Q2 HLDGS INC	CALL	
74736L 95 9	Q2 HLDGS INC	PUT	
74738J 20 1	FLJ GROUP LIMITED	SPON ADS	
74738V 10 5	QOMOLANGMA ACQUISITION CORP	COM	
74738V 11 3	QOMOLANGMA ACQUISITION CORP	*W EXP 09/29/202	
74738V 12 1	QOMOLANGMA ACQUISITION CORP	RIGHT 09/29/2027	
74738V 20 4	QOMOLANGMA ACQUISITION CORP	UNIT 09/29/2027	
747525 10 3 *	QUALCOMM INC	COM	
747525 90 3	QUALCOMM INC	CALL	
747525 95 3	QUALCOMM INC	PUT	
74754R 20 2 *	QUALIGEN THERAPEUTICS INC	COM NEW	
74754R 90 2	QUALIGEN THERAPEUTICS INC	CALL	
74754R 95 2	QUALIGEN THERAPEUTICS INC	PUT	
74758T 30 3 *	QUALYS INC	COM	
74758T 90 3	QUALYS INC	CALL	
74758T 95 3	QUALYS INC	PUT	
74760R 11 3	QUALTEK SERVICES INC	*W EXP 02/14/202	
74760R 30 3	QUALTEK SERVICES INC	CLASS A COM	
747601 20 1 *	QUALTRICS INTL INC	COM CL A	
747601 90 1	QUALTRICS INTL INC	CALL	
747601 95 1	QUALTRICS INTL INC	PUT	
747619 10 4 *	QUANEX BLDG PRODS CORP	COM	
747619 90 4	QUANEX BLDG PRODS CORP	CALL	
747619 95 4	QUANEX BLDG PRODS CORP	PUT	
74762E 10 2 *	QUANTA SVCS INC	COM	
74762E 90 2	QUANTA SVCS INC	CALL	
74762E 95 2	QUANTA SVCS INC	PUT	
74765K 10 5 *	QUANTUM SI INC	COM CL A	
74765K 90 5	QUANTUM SI INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 548

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74765K 95 5	QUANTUM SI INC	PUT	
74765K 11 3	QUANTUM SI INC	*W EXP 06/10/202	
74766Q 10 1 *	QUANTERIX CORP	COM	
74766Q 90 1	QUANTERIX CORP	CALL	
74766Q 95 1	QUANTERIX CORP	PUT	
74766W 10 8 *	QUANTUM COMPUTING INC	COM	
74766W 90 8	QUANTUM COMPUTING INC	CALL	
74766W 95 8	QUANTUM COMPUTING INC	PUT	
74767A 10 5	QUANTUM FINTECH ACQUISTIN CO	COMMON STOCK	
74767A 20 4	QUANTUM FINTECH ACQUISTIN CO	UNIT 10/30/2026	
74767N 10 7	QUANTASING GROUP LTD	ADS	ADDED
74767V 10 9 *	QUANTUMSCAPE CORP	COM CL A	
74767V 90 9	QUANTUMSCAPE CORP	CALL	
74767V 95 9	QUANTUMSCAPE CORP	PUT	
747798 10 6 *	QUDIAN INC	ADR	
747798 90 6	QUDIAN INC	CALL	
747798 95 6	QUDIAN INC	PUT	
747906 50 1 *	QUANTUM CORP	COM NEW	
747906 90 1	QUANTUM CORP	CALL	
747906 95 1	QUANTUM CORP	PUT	
74834L 10 0 *	QUEST DIAGNOSTICS INC	COM	
74834L 90 0	QUEST DIAGNOSTICS INC	CALL	
74834L 95 0	QUEST DIAGNOSTICS INC	PUT	
74836W 20 3 *	QUEST RESOURCE HLDG CORP	COM NEW	
74836W 90 3	QUEST RESOURCE HLDG CORP	CALL	
74836W 95 3	QUEST RESOURCE HLDG CORP	PUT	
74837P 40 5 *	QUICKLOGIC CORP	COM NEW	
74837P 90 5	QUICKLOGIC CORP	CALL	
74837P 95 5	QUICKLOGIC CORP	PUT	
74841Q 20 9	QUHUO LTD	SPON ADS	
74874Q 10 0 *	QUINSTREET INC	COM	
74874Q 90 0	QUINSTREET INC	CALL	
74874Q 95 0	QUINSTREET INC	PUT	
74880P 10 4 *	QUIPT HOME MEDICAL CORP	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 549

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74880P 90 4	QUIPT HOME MEDICAL CORP	CALL	
74880P 95 4	QUIPT HOME MEDICAL CORP	PUT	
749063 10 3 *	QUMU CORP	COM	DELETED
749063 90 3	QUMU CORP	CALL	DELETED
749063 95 3	QUMU CORP	PUT	DELETED
74907L 20 1	QUOIN PHARMACEUTICALS LTD	SPONSORED ADS	
749119 10 3 *	QUOTIENT TECHNOLOGY INC	COM	
749119 90 3	QUOTIENT TECHNOLOGY INC	CALL	
749119 95 3	QUOTIENT TECHNOLOGY INC	PUT	
74915J 20 6 *	QUTOUTIAO INC	ADS REP SHS A	DELETED
74915J 90 6	QUTOUTIAO INC	CALL	DELETED
74915J 95 6	QUTOUTIAO INC	PUT	DELETED
74915M 10 0 *	QURATE RETAIL INC	COM SER A	
74915M 90 0	QURATE RETAIL INC	CALL	
74915M 95 0	QURATE RETAIL INC	PUT	
74915M 20 9	QURATE RETAIL INC	COM SER B	
74930B 10 5 *	RBB BANCORP	COM	
74930B 90 5	RBB BANCORP	CALL	
74930B 95 5	RBB BANCORP	PUT	
74933W 45 2 *	RBB FD INC	US TREAS 3 MNTH	
74933W 90 2	RBB FD INC	CALL	
74933W 95 2	RBB FD INC	PUT	
74933W 46 0 *	RBB FD INC	US TRSRY 6 MNTH	ADDED
74933W 90 0	RBB FD INC	CALL	ADDED
74933W 95 0	RBB FD INC	PUT	ADDED
74933W 47 8	RBB FD INC	US TREASRY 12 MT	
74933W 48 6 *	RBB FD INC	US TREASY 2 YR	
74933W 90 6	RBB FD INC	CALL	
74933W 95 6	RBB FD INC	PUT	
74933W 49 4	RBB FD INC	US TREAS 3 YR NT	ADDED
74933W 51 0	RBB FD INC	US TREAS 5 YR NT	ADDED
74933W 52 8	RBB FD INC	US TREAS 7 YR NT	ADDED
74933W 53 6 *	RBB FD INC	US TREASR 10 YR	
74933W 90 6	RBB FD INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 550

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74933W 95 6	RBB FD INC	PUT	
74933W 54 4	RBB FD INC	US TREAS 20YR BD	ADDED
74933W 55 1	RBB FD INC	US TREAS 30YR BD	ADDED
74933W 57 7	RBB FD INC	SGI DIVERSI TAC	ADDED
74933W 59 3	RBB FD INC	SGI US LARGE CAP	ADDED
74933W 60 1 *	RBB FD INC	MOTLEY FOL ETF	
74933W 90 1	RBB FD INC	CALL	
74933W 95 1	RBB FD INC	PUT	
74933W 62 7	RBB FD INC	MOTLEY FOOL MID	
74933W 63 5	RBB FD INC	MOTLEY FOOL GBL	
74933W 64 3	RBB FD INC	MOTLEY FOOL CAPI	
74933W 65 0	RBB FD INC	MOTLEY FOOL NEXT	
74933W 87 4	RBB FD INC	MOTLEY FOOL SML	
74933X 30 2	RA MED SYS INC	COM	
74934Q 10 8 *	RCI HOSPITALITY HLDGS INC	COM	
74934Q 90 8	RCI HOSPITALITY HLDGS INC	CALL	
74934Q 95 8	RCI HOSPITALITY HLDGS INC	PUT	
749360 40 0 *	RCM TECHNOLOGIES INC	COM NEW	
749360 90 0	RCM TECHNOLOGIES INC	CALL	
749360 95 0	RCM TECHNOLOGIES INC	PUT	
749527 10 7 *	REV GROUP INC	COM	
749527 90 7	REV GROUP INC	CALL	
749527 95 7	REV GROUP INC	PUT	
74954L 10 4	RF ACQUISITION CORP	CLASS A COM	
74954L 11 2	RF ACQUISITION CORP	*W EXP 05/01/202	
74954L 12 0	RF ACQUISITION CORP	RIGHT 05/01/2028	
74954L 20 3	RF ACQUISITION CORP	UNIT 05/01/2028	
74955L 10 3 *	RGC RES INC	COM	
74955L 90 3	RGC RES INC	CALL	
74955L 95 3	RGC RES INC	PUT	
749552 10 5 *	RF INDS LTD	COM PAR \$0.01	
749552 90 5	RF INDS LTD	CALL	
749552 95 5	RF INDS LTD	PUT	
749607 10 7 *	RLI CORP	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 551

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
749607 90 7	RLI CORP	CALL	
749607 95 7	RLI CORP	PUT	
74965L 10 1 *	RLJ LODGING TR	COM	
74965L 90 1	RLJ LODGING TR	CALL	
74965L 95 1	RLJ LODGING TR	PUT	
74965L 20 0	RLJ LODGING TR	CUM CONV PFD A	
749660 10 6 *	RPC INC	COM	
749660 90 6	RPC INC	CALL	
749660 95 6	RPC INC	PUT	
74967R 10 6 *	RMR GROUP INC	CL A	
74967R 90 6	RMR GROUP INC	CALL	
74967R 95 6	RMR GROUP INC	PUT	
74967X AA 1	RH	NOTE	6/1
74967X AD 5	RH	NOTE	9/1
74967X 10 3 *	RH	COM	
74967X 90 3	RH	CALL	
74967X 95 3	RH	PUT	
749685 10 3 *	RPM INTL INC	COM	
749685 90 3	RPM INTL INC	CALL	
749685 95 3	RPM INTL INC	PUT	
74969N 10 3 *	RLX TECHNOLOGY INC	SPONSORED ADS	
74969N 90 3	RLX TECHNOLOGY INC	CALL	
74969N 95 3	RLX TECHNOLOGY INC	PUT	
74971D 10 1 *	RPT REALTY	SH BEN INT	
74971D 90 1	RPT REALTY	CALL	
74971D 95 1	RPT REALTY	PUT	
74971D 20 0	RPT REALTY	7.25 PFD D CONV	
749772 AD 1	RWT HLDGS INC	NOTE	5.750%10/0
74979W 20 0	GRAVITAS EDUCATION HLDGS INC	SPON ADS	
74982T 10 3 *	RXO INC	COMMON STOCK	
74982T 90 3	RXO INC	CALL	
74982T 95 3	RXO INC	PUT	
750102 10 5 *	RACKSPACE TECHNOLOGY INC	COM	
750102 90 5	RACKSPACE TECHNOLOGY INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 552

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
750102 95 5	RACKSPACE TECHNOLOGY INC	PUT	
750236 10 1 *	RADIAN GROUP INC	COM	
750236 90 1	RADIAN GROUP INC	CALL	
750236 95 1	RADIAN GROUP INC	PUT	
75025X 10 0 *	RADIANT LOGISTICS INC	COM	
75025X 90 0	RADIANT LOGISTICS INC	CALL	
75025X 95 0	RADIANT LOGISTICS INC	PUT	
750481 10 3 *	RADIUS GLOBAL INFRASTRCTRE I	COM CL A	
750481 90 3	RADIUS GLOBAL INFRASTRCTRE I	CALL	
750481 95 3	RADIUS GLOBAL INFRASTRCTRE I	PUT	
750491 10 2 *	RADNET INC	COM	
750491 90 2	RADNET INC	CALL	
750491 95 2	RADNET INC	PUT	
75062E 10 6 *	RAFAEL HLDGS INC	COM CL B	
75062E 90 6	RAFAEL HLDGS INC	CALL	
75062E 95 6	RAFAEL HLDGS INC	PUT	
75082Q 10 5 *	RAIN ONCOLOGY INC	COM	
75082Q 90 5	RAIN ONCOLOGY INC	CALL	
75082Q 95 5	RAIN ONCOLOGY INC	PUT	
750917 AG 1	RAMBUS INC DEL	NOTE 1.375% 2/0	DELETED
750917 10 6 *	RAMBUS INC DEL	COM	
750917 90 6	RAMBUS INC DEL	CALL	
750917 95 6	RAMBUS INC DEL	PUT	
75120L 10 0	RALLYBIO CORP	COM	
751212 10 1 *	RALPH LAUREN CORP	CL A	
751212 90 1	RALPH LAUREN CORP	CALL	
751212 95 1	RALPH LAUREN CORP	PUT	
75134P 30 3 *	RAMACO RES INC	COM	
75134P 90 3	RAMACO RES INC	CALL	
75134P 95 3	RAMACO RES INC	PUT	
752185 20 7	RAND CAP CORP	COM NEW	
75281A 10 9 *	RANGE RES CORP	COM	
75281A 90 9	RANGE RES CORP	CALL	
75281A 95 9	RANGE RES CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 553

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
75282U 10 4	RANGER ENERGY SVCS INC	COM CL A	
753018 10 0 *	RANI THERAPEUTICS HLDGS INC	COM CL A	
753018 90 0	RANI THERAPEUTICS HLDGS INC	CALL	
753018 95 0	RANI THERAPEUTICS HLDGS INC	PUT	
75321W 10 3 *	RANPAK HOLDINGS CORP	COM CL A	
75321W 90 3	RANPAK HOLDINGS CORP	CALL	
75321W 95 3	RANPAK HOLDINGS CORP	PUT	
75340L 10 4	RAPID MICRO BIOSYSTEMS INC	CLASS A COM	
753422 AD 6	RAPID7 INC	NOTE 2.250% 5/0	
753422 AF 1	RAPID7 INC	NOTE 0.250% 3/1	
753422 10 4 *	RAPID7 INC	COM	
753422 90 4	RAPID7 INC	CALL	
753422 95 4	RAPID7 INC	PUT	
75382E 10 9 *	RAPT THERAPEUTICS INC	COM	
75382E 90 9	RAPT THERAPEUTICS INC	CALL	
75382E 95 9	RAPT THERAPEUTICS INC	PUT	
754198 10 9 *	RAVE RESTAURANT GROUP INC	COM	
754198 90 9	RAVE RESTAURANT GROUP INC	CALL	
754198 95 9	RAVE RESTAURANT GROUP INC	PUT	
754730 10 9 *	RAYMOND JAMES FINL INC	COM	
754730 90 9	RAYMOND JAMES FINL INC	CALL	
754730 95 9	RAYMOND JAMES FINL INC	PUT	
754907 10 3 *	RAYONIER INC	COM	
754907 90 3	RAYONIER INC	CALL	
754907 95 3	RAYONIER INC	PUT	
75508B 10 4 *	RAYONIER ADVANCED MATLS INC	COM	
75508B 90 4	RAYONIER ADVANCED MATLS INC	CALL	
75508B 95 4	RAYONIER ADVANCED MATLS INC	PUT	
75513E 10 1 *	RAYTHEON TECHNOLOGIES CORP	COM	
75513E 90 1	RAYTHEON TECHNOLOGIES CORP	CALL	
75513E 95 1	RAYTHEON TECHNOLOGIES CORP	PUT	
75524B 10 4 *	RBC BEARINGS INC	COM	
75524B 90 4	RBC BEARINGS INC	CALL	
75524B 95 4	RBC BEARINGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 554

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
75524B 20 3	RBC BEARINGS INC	5% CNV PFD SR A	
75524W 10 8 *	RE MAX HLDGS INC	CL A	
75524W 90 8	RE MAX HLDGS INC	CALL	
75524W 95 8	RE MAX HLDGS INC	PUT	
75526L 40 7	RBB FUND TRUST	THE ENERGY & MIN	
755408 10 1 *	READING INTL INC	CL A	
755408 90 1	READING INTL INC	CALL	
755408 95 1	READING INTL INC	PUT	
755408 20 0	READING INTL INC	CL B	
75574U 10 1 *	READY CAPITAL CORP	COM	
75574U 90 1	READY CAPITAL CORP	CALL	
75574U 95 1	READY CAPITAL CORP	PUT	
75574U 20 0	READY CAPITAL CORP	7% CN SR NT 2023	
75574U 70 5	READY CAPITAL CORP	6.25 CNV PFD C	
75585H 20 6 *	THE REAL BROKERAGE INC	COM NEW	
75585H 90 6	THE REAL BROKERAGE INC	CALL	
75585H 95 6	THE REAL BROKERAGE INC	PUT	
75601G 10 9	THE REAL GOOD FOOD COMPANY I	COM CL A	
75605Y 10 6 *	ANYWHERE REAL ESTATE INC	COM	
75605Y 90 6	ANYWHERE REAL ESTATE INC	CALL	
75605Y 95 6	ANYWHERE REAL ESTATE INC	PUT	
75606D AP 6	REALOGY GRP LLC/REALOGY CO	NOTE 0.250% 6/1	
756109 10 4 *	REALTY INCOME CORP	COM	
756109 90 4	REALTY INCOME CORP	CALL	
756109 95 4	REALTY INCOME CORP	PUT	
75615P 10 3 *	REATA PHARMACEUTICALS INC	CL A	
75615P 90 3	REATA PHARMACEUTICALS INC	CALL	
75615P 95 3	REATA PHARMACEUTICALS INC	PUT	
756158 10 1	REAVES UTIL INCOME FD	COM SH BEN INT	
75618M 10 7	REBORN COFFEE INC	COMMON STOCK	
75629F 10 9 *	SOCIETAL CDMO INC	COM	
75629F 90 9	SOCIETAL CDMO INC	CALL	
75629F 95 9	SOCIETAL CDMO INC	PUT	
75629V 10 4 *	RECURSION PHARMACEUTICALS IN	CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 555

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
75629V 90 4	RECURSION PHARMACEUTICALS IN	CALL	
75629V 95 4	RECURSION PHARMACEUTICALS IN	PUT	
75630B 11 3	RECRUITER COM GROUP INC	*W EXP 06/01/202	
75630B 30 3	RECRUITER COM GROUP INC	COM NEW	
75644T 10 0 *	RED CAT HLDGS INC	COM	
75644T 90 0	RED CAT HLDGS INC	CALL	
75644T 95 0	RED CAT HLDGS INC	PUT	
75686R 20 2	RED RIVER BANCSHARES INC	COM	
75689M 10 1 *	RED ROBIN GOURMET BURGERS IN	COM	
75689M 90 1	RED ROBIN GOURMET BURGERS IN	CALL	
75689M 95 1	RED ROBIN GOURMET BURGERS IN	PUT	
75700L 10 8 *	RED ROCK RESORTS INC	CL A	
75700L 90 8	RED ROCK RESORTS INC	CALL	
75700L 95 8	RED ROCK RESORTS INC	PUT	
75704L 10 4 *	RED VIOLET INC	COM	
75704L 90 4	RED VIOLET INC	CALL	
75704L 95 4	RED VIOLET INC	PUT	
75737F AA 6	REDFIN CORP	NOTE 1.750% 7/1	
75737F AC 2	REDFIN CORP	NOTE 10/1	
75737F AE 8	REDFIN CORP	NOTE 0.500% 4/0	
75737F 10 8 *	REDFIN CORP	COM	
75737F 90 8	REDFIN CORP	CALL	
75737F 95 8	REDFIN CORP	PUT	
757468 10 3 *	REDHILL BIOPHARMA LTD	SPONSORED ADS	DELETED
757468 90 3	REDHILL BIOPHARMA LTD	CALL	DELETED
757468 95 3	REDHILL BIOPHARMA LTD	PUT	DELETED
757468 20 2 *	REDHILL BIOPHARMA LTD	SPON ADS NEW	ADDED
757468 90 2	REDHILL BIOPHARMA LTD	CALL	ADDED
757468 95 2	REDHILL BIOPHARMA LTD	PUT	ADDED
75776W 10 3 *	REDWIRE CORPORATION	COM	
75776W 90 3	REDWIRE CORPORATION	CALL	
75776W 95 3	REDWIRE CORPORATION	PUT	
75776W 11 1	REDWIRE CORPORATION	*W EXP 05/27/202	
758075 AC 9	REDWOOD TRUST INC	NOTE 4.750% 8/1	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 556

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
758075 AD 7	REDWOOD TRUST INC	NOTE 5.625% 7/1	
758075 40 2 *	REDWOOD TRUST INC	COM	
758075 90 2	REDWOOD TRUST INC	CALL	
758075 95 2	REDWOOD TRUST INC	PUT	
758083 10 9	REDWOODS ACQUISITION CORP	COM	
758083 11 7	REDWOODS ACQUISITION CORP	*W EXP 03/15/202	
758083 12 5	REDWOODS ACQUISITION CORP	RIGHT 03/15/2027	
758083 20 8	REDWOODS ACQUISITION CORP	UNIT 03/15/2027	
758338 10 7 *	REEDS INC	COM	DELETED
758338 90 7	REEDS INC	CALL	DELETED
758338 95 7	REEDS INC	PUT	DELETED
758750 10 3 *	REGAL REXNORD CORPORATION	COM	
758750 90 3	REGAL REXNORD CORPORATION	CALL	
758750 95 3	REGAL REXNORD CORPORATION	PUT	
758849 10 3 *	REGENCY CTRS CORP	COM	
758849 90 3	REGENCY CTRS CORP	CALL	
758849 95 3	REGENCY CTRS CORP	PUT	
75886F 10 7 *	REGENERON PHARMACEUTICALS	COM	
75886F 90 7	REGENERON PHARMACEUTICALS	CALL	
75886F 95 7	REGENERON PHARMACEUTICALS	PUT	
758932 10 7 *	REGIS CORP MINN	COM	
758932 90 7	REGIS CORP MINN	CALL	
758932 95 7	REGIS CORP MINN	PUT	
75901B 10 7 *	REGENXBIO INC	COM	
75901B 90 7	REGENXBIO INC	CALL	
75901B 95 7	REGENXBIO INC	PUT	
75902K 10 6 *	REGIONAL MGMT CORP	COM	
75902K 90 6	REGIONAL MGMT CORP	CALL	
75902K 95 6	REGIONAL MGMT CORP	PUT	
75903M 30 9	REGIONAL HEALTH PPTYS INC	COM	
7591EP 10 0 *	REGIONS FINANCIAL CORP NEW	COM	
7591EP 90 0	REGIONS FINANCIAL CORP NEW	CALL	
7591EP 95 0	REGIONS FINANCIAL CORP NEW	PUT	
75915K 30 9 *	REGULUS THERAPEUTICS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 557

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
75915K 90 9	REGULUS THERAPEUTICS INC	CALL	
75915K 95 9	REGULUS THERAPEUTICS INC	PUT	
759351 60 4 *	REINSURANCE GRP OF AMERICA I	COM NEW	
759351 90 4	REINSURANCE GRP OF AMERICA I	CALL	
759351 95 4	REINSURANCE GRP OF AMERICA I	PUT	
759419 10 4 *	REKOR SYSTEMS INC	COM	
759419 90 4	REKOR SYSTEMS INC	CALL	
759419 95 4	REKOR SYSTEMS INC	PUT	
75943R 10 2 *	RELAY THERAPEUTICS INC	COM	
75943R 90 2	RELAY THERAPEUTICS INC	CALL	
75943R 95 2	RELAY THERAPEUTICS INC	PUT	
75944B 10 6	RELATIVITY ACQUISITION CORP	CLASS A COM	
75944B 11 4	RELATIVITY ACQUISITION CORP	*W EXP 12/15/202	
75944B 20 5	RELATIVITY ACQUISITION CORP	UNIT 02/10/2027	
75946W 11 6	RELIANCE GLOBAL GROUP INC	*W EXP 02/01/202	
75946W 20 7	RELIANCE GLOBAL GROUP INC	COM NEW	DELETED
75946W 30 6	RELIANCE GLOBAL GROUP INC	COM	ADDED
759509 10 2 *	RELIANCE STEEL & ALUMINUM CO	COM	
759509 90 2	RELIANCE STEEL & ALUMINUM CO	CALL	
759509 95 2	RELIANCE STEEL & ALUMINUM CO	PUT	
759530 10 8 *	RELX PLC	SPONSORED ADR	
759530 90 8	RELX PLC	CALL	
759530 95 8	RELX PLC	PUT	
75955J 40 2 *	RELMADA THERAPEUTICS INC	COM	
75955J 90 2	RELMADA THERAPEUTICS INC	CALL	
75955J 95 2	RELMADA THERAPEUTICS INC	PUT	
75955K 30 0 *	REMARK HLDGS INC	COM NEW	
75955K 90 0	REMARK HLDGS INC	CALL	
75955K 95 0	REMARK HLDGS INC	PUT	
75960P 10 4 *	REMITLY GLOBAL INC	COM	
75960P 90 4	REMITLY GLOBAL INC	CALL	
75960P 95 4	REMITLY GLOBAL INC	PUT	
75970E 10 7 *	RENASANT CORP	COM	
75970E 90 7	RENASANT CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 558

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
75970E 95 7	RENASANT CORP	PUT	
75971T 30 1 *	EMEREN GROUP LTD	SPONSORED ADS	
75971T 90 1	EMEREN GROUP LTD	CALL	
75971T 95 1	EMEREN GROUP LTD	PUT	
759720 10 5	RENN FD INC	COM	
75973T 10 1 *	RENALYTIX PLC	ADS	
75973T 90 1	RENALYTIX PLC	CALL	
75973T 95 1	RENALYTIX PLC	PUT	
75974E 10 3	RENEO PHARMACEUTICALS INC	COM	
75989R 10 7	RENOVORX INC	COM NEW	
759892 30 0 *	RENREN INC	SPONSORED ADS	
759892 90 0	RENREN INC	CALL	
759892 95 0	RENREN INC	PUT	
759910 10 2 *	KORU MEDICAL SYSTEMS INC	COM	
759910 90 2	KORU MEDICAL SYSTEMS INC	CALL	
759910 95 2	KORU MEDICAL SYSTEMS INC	PUT	
759916 AB 5	REPLIGEN CORP	NOTE 0.375% 7/1	
759916 10 9 *	REPLIGEN CORP	COM	
759916 90 9	REPLIGEN CORP	CALL	
759916 95 9	REPLIGEN CORP	PUT	
759937 20 4 *	RENAISSANCE CAP GREENWICH FD	IPO ETF	
759937 90 4	RENAISSANCE CAP GREENWICH FD	CALL	
759937 95 4	RENAISSANCE CAP GREENWICH FD	PUT	
759937 30 3 *	RENAISSANCE CAP GREENWICH FD	INTNTL IPO ETF	
759937 90 3	RENAISSANCE CAP GREENWICH FD	CALL	
759937 95 3	RENAISSANCE CAP GREENWICH FD	PUT	
76009N 10 0 *	UPBOUND GROUP INC	COM	
76009N 90 0	UPBOUND GROUP INC	CALL	
76009N 95 0	UPBOUND GROUP INC	PUT	
76010Y 10 3 *	RENT THE RUNWAY INC	COM CL A	
76010Y 90 3	RENT THE RUNWAY INC	CALL	
76010Y 95 3	RENT THE RUNWAY INC	PUT	
760125 10 4 *	RENTOKIL INITIAL PLC	SPONSORED ADR	
760125 90 4	RENTOKIL INITIAL PLC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 559

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
760125 95 4	RENTOKIL INITIAL PLC	PUT	
760273 10 2 *	REPARE THERAPEUTICS INC	COM	
760273 90 2	REPARE THERAPEUTICS INC	CALL	
760273 95 2	REPARE THERAPEUTICS INC	PUT	
760281 20 4 *	REPUBLIC BANCORP INC KY	CL A	
760281 90 4	REPUBLIC BANCORP INC KY	CALL	
760281 95 4	REPUBLIC BANCORP INC KY	PUT	
76029L 10 0 *	REPAY HLDGS CORP	COM CL A	
76029L 90 0	REPAY HLDGS CORP	CALL	
76029L 95 0	REPAY HLDGS CORP	PUT	
76029N 10 6 *	REPLIMUNE GROUP INC	COM	
76029N 90 6	REPLIMUNE GROUP INC	CALL	
76029N 95 6	REPLIMUNE GROUP INC	PUT	
760416 10 7 *	REPUBLIC FIRST BANCORP INC	COM	
760416 90 7	REPUBLIC FIRST BANCORP INC	CALL	
760416 95 7	REPUBLIC FIRST BANCORP INC	PUT	
760759 10 0 *	REPUBLIC SVCS INC	COM	
760759 90 0	REPUBLIC SVCS INC	CALL	
760759 95 0	REPUBLIC SVCS INC	PUT	
76090R 20 0	RESHAPE LIFESCIENCES INC	COM	
760911 10 7 *	RESEARCH FRONTIERS INC	COM	
760911 90 7	RESEARCH FRONTIERS INC	CALL	
760911 95 7	RESEARCH FRONTIERS INC	PUT	
761025 10 5	RESEARCH SOLUTIONS INC	COM	
761152 10 7 *	RESMED INC	COM	
761152 90 7	RESMED INC	CALL	
761152 95 7	RESMED INC	PUT	
76117W 10 9 *	RESOLUTE FST PRODS INC	COM	DELETED
76117W 90 9	RESOLUTE FST PRODS INC	CALL	DELETED
76117W 95 9	RESOLUTE FST PRODS INC	PUT	DELETED
76118Y 10 4 *	RESIDEO TECHNOLOGIES INC	COM	
76118Y 90 4	RESIDEO TECHNOLOGIES INC	CALL	
76118Y 95 4	RESIDEO TECHNOLOGIES INC	PUT	
76119X 10 5 *	RESERVOIR MEDIA INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 560

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
76119X 90 5	RESERVOIR MEDIA INC	CALL	
76119X 95 5	RESERVOIR MEDIA INC	PUT	
76119X 11 3	RESERVOIR MEDIA INC	*W EXP 08/26/202	
76122Q 10 5 *	RESOURCES CONNECTION INC	COM	
76122Q 90 5	RESOURCES CONNECTION INC	CALL	
76122Q 95 5	RESOURCES CONNECTION INC	PUT	
76129W 10 5 *	RETRACTABLE TECHNOLOGIES INC	COM	
76129W 90 5	RETRACTABLE TECHNOLOGIES INC	CALL	
76129W 95 5	RETRACTABLE TECHNOLOGIES INC	PUT	
761299 AB 2	TRAVERE THERAPEUTICS INC	NOTE 2.500% 9/1	
76131D 10 3 *	RESTAURANT BRANDS INTL INC	COM	
76131D 90 3	RESTAURANT BRANDS INTL INC	CALL	
76131D 95 3	RESTAURANT BRANDS INTL INC	PUT	
76131N 10 1 *	RETAIL OPPORTUNITY INVTS COR	COM	
76131N 90 1	RETAIL OPPORTUNITY INVTS COR	CALL	
76131N 95 1	RETAIL OPPORTUNITY INVTS COR	PUT	
761330 AB 5	REVANCE THERAPEUTICS INC	NOTE 1.750% 2/1	
761330 10 9 *	REVANCE THERAPEUTICS INC	COM	
761330 90 9	REVANCE THERAPEUTICS INC	CALL	
761330 95 9	REVANCE THERAPEUTICS INC	PUT	
76134G 10 3	REUNION NEUROSCIENCE INC	COM	
76135L 10 1	REVELATION BIOSCIENCES INC	COM	DELETED
76135L 11 9	REVELATION BIOSCIENCES INC	*W EXP 01/10/202	
76135L 20 0	REVELATION BIOSCIENCES INC	UNIT 05/25/2027	DELETED
76135L 30 9	REVELATION BIOSCIENCES INC	COM NEW	ADDED
76137R 10 6	REVELSTONE CAPITAL ACQSTN CO	CLASS A COM	
76137R 11 4	REVELSTONE CAPITAL ACQSTN CO	*W EXP 09/15/202	
76137R 20 5	REVELSTONE CAPITAL ACQSTN CO	UNIT 12/17/2026	
76152G 10 0 *	REVIVA PHARMACEUTCLS HLDGS I	COM	
76152G 90 0	REVIVA PHARMACEUTCLS HLDGS I	CALL	
76152G 95 0	REVIVA PHARMACEUTCLS HLDGS I	PUT	
76152G 11 8	REVIVA PHARMACEUTCLS HLDGS I	*W EXP 12/25/202	
76155X 10 0 *	REVOLUTION MEDICINES INC	COM	
76155X 90 0	REVOLUTION MEDICINES INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 561

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
76155X 95 0	REVOLUTION MEDICINES INC	PUT	
76156B 10 7 *	REVOLVE GROUP INC	CL A	
76156B 90 7	REVOLVE GROUP INC	CALL	
76156B 95 7	REVOLVE GROUP INC	PUT	
761624 10 5 *	REX AMERICAN RES CORP	COM	
761624 90 5	REX AMERICAN RES CORP	CALL	
761624 95 5	REX AMERICAN RES CORP	PUT	
76169C 10 0 *	REXFORD INDL RLTY INC	COM	
76169C 90 0	REXFORD INDL RLTY INC	CALL	
76169C 95 0	REXFORD INDL RLTY INC	PUT	
76171L 10 6 *	REYNOLDS CONSUMER PRODS INC	COM	
76171L 90 6	REYNOLDS CONSUMER PRODS INC	CALL	
76171L 95 6	REYNOLDS CONSUMER PRODS INC	PUT	
76200L 30 9	REZOLUTE INC	COM NEW	
762093 10 2	RHINEBECK BANCORP INC	COM	
76243J 10 5 *	RHYTHM PHARMACEUTICALS INC	COM	
76243J 90 5	RHYTHM PHARMACEUTICALS INC	CALL	
76243J 95 5	RHYTHM PHARMACEUTICALS INC	PUT	
762544 10 4 *	RIBBON COMMUNICATIONS INC	COM	
762544 90 4	RIBBON COMMUNICATIONS INC	CALL	
762544 95 4	RIBBON COMMUNICATIONS INC	PUT	
762831 30 3	RICEBRAN TECHNOLOGIES	COM	
763165 10 7 *	RICHARDSON ELECTRS LTD	COM	
763165 90 7	RICHARDSON ELECTRS LTD	CALL	
763165 95 7	RICHARDSON ELECTRS LTD	PUT	
76525P 10 0	RICHMOND MUT BANCORPORATION	COM	
76655K 10 3 *	RIGETTI COMPUTING INC	COMMON STOCK	
76655K 90 3	RIGETTI COMPUTING INC	CALL	
76655K 95 3	RIGETTI COMPUTING INC	PUT	
76655K 11 1	RIGETTI COMPUTING INC	*W EXP 99/99/999	
766559 60 3 *	RIGEL PHARMACEUTICALS INC	COM NEW	
766559 90 3	RIGEL PHARMACEUTICALS INC	CALL	
766559 95 3	RIGEL PHARMACEUTICALS INC	PUT	
76665T 10 2 *	RILEY EXPLORATION PERMIAN IN	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 562

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
76665T 90 2	RILEY EXPLORATION PERMIAN IN	CALL	
76665T 95 2	RILEY EXPLORATION PERMIAN IN	PUT	
76674Q 10 7 *	RIMINI STR INC DEL	COM	
76674Q 90 7	RIMINI STR INC DEL	CALL	
76674Q 95 7	RIMINI STR INC DEL	PUT	
76680R AF 4	RINGCENTRAL INC	NOTE	3/0
76680R AH 0	RINGCENTRAL INC	NOTE	3/1
76680R 20 6 *	RINGCENTRAL INC	CL A	
76680R 90 6	RINGCENTRAL INC	CALL	
76680R 95 6	RINGCENTRAL INC	PUT	
76680V 10 8 *	RING ENERGY INC	COM	
76680V 90 8	RING ENERGY INC	CALL	
76680V 95 8	RING ENERGY INC	PUT	
767204 10 0 *	RIO TINTO PLC	SPONSORED ADR	
767204 90 0	RIO TINTO PLC	CALL	
767204 95 0	RIO TINTO PLC	PUT	
767292 10 5 *	RIOT PLATFORMS INC	COM	
767292 90 5	RIOT PLATFORMS INC	CALL	
767292 95 5	RIOT PLATFORMS INC	PUT	
767744 10 5 *	RITCHIE BROS AUCTIONEERS	COM	
767744 90 5	RITCHIE BROS AUCTIONEERS	CALL	
767744 95 5	RITCHIE BROS AUCTIONEERS	PUT	
767754 87 2 *	RITE AID CORP	COM	
767754 90 2	RITE AID CORP	CALL	
767754 95 2	RITE AID CORP	PUT	
76881Y 10 9	RIVERNORTH OPPORTUNITIES FD	COM	
76882B 10 8	RIVERNORTH CAP AND INCM FD I	COM	
76882G 10 7	RIVERNORTH DOUBLELINE STRATE	COM	
76882H 10 5	RIVERNORTH MANAGED DUR MUN I	COM	
76882M 10 4	RIVERNORTH MANAGED DUR MUN I	COM	
76883F 10 8	RIVERNORTH OPPORTUNISTIC MUN	COM	
76883H 10 4	RIVERNORTH FLEXIBLE MUN INCO	COM	
76883Y 10 7	RIVERNORTH FLEXIBLE MUNI INC	COM	
769397 10 0 *	RIVERVIEW BANCORP INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 563

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
769397 90 0	RIVERVIEW BANCORP INC	CALL	
769397 95 0	RIVERVIEW BANCORP INC	PUT	
76954A 10 3 *	RIVIAN AUTOMOTIVE INC	COM CL A	
76954A 90 3	RIVIAN AUTOMOTIVE INC	CALL	
76954A 95 3	RIVIAN AUTOMOTIVE INC	PUT	
770323 10 3 *	ROBERT HALF INTL INC	COM	
770323 90 3	ROBERT HALF INTL INC	CALL	
770323 95 3	ROBERT HALF INTL INC	PUT	
770700 10 2 *	ROBINHOOD MKTS INC	COM CL A	
770700 90 2	ROBINHOOD MKTS INC	CALL	
770700 95 2	ROBINHOOD MKTS INC	PUT	
771049 10 3 *	ROBLOX CORP	CL A	
771049 90 3	ROBLOX CORP	CALL	
771049 95 3	ROBLOX CORP	PUT	
77118V 10 8	ROC ENERGY ACQUISITION CORP	COMMON STOCK	
77118V 11 6	ROC ENERGY ACQUISITION CORP	RIGHT 11/30/2028	
77118V 20 7	ROC ENERGY ACQUISITION CORP	UNIT 11/30/2028	
77311W 10 1 *	ROCKET COS INC	COM CL A	
77311W 90 1	ROCKET COS INC	CALL	
77311W 95 1	ROCKET COS INC	PUT	
773122 10 6 *	ROCKET LAB USA INC	COM	
773122 90 6	ROCKET LAB USA INC	CALL	
773122 95 6	ROCKET LAB USA INC	PUT	
77313F 10 6 *	ROCKET PHARMACEUTICALS INC	COM	
77313F 90 6	ROCKET PHARMACEUTICALS INC	CALL	
77313F 95 6	ROCKET PHARMACEUTICALS INC	PUT	
77313F 11 4	ROCKET PHARMACEUTICALS INC	*W EXP 09/02/202	ADDED
773903 10 9 *	ROCKWELL AUTOMATION INC	COM	
773903 90 9	ROCKWELL AUTOMATION INC	CALL	
773903 95 9	ROCKWELL AUTOMATION INC	PUT	
774374 30 0 *	ROCKWELL MED INC	COM NEW	
774374 90 0	ROCKWELL MED INC	CALL	
774374 95 0	ROCKWELL MED INC	PUT	
774515 10 0	ROCKY BRANDS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 564

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
77467X 10 1	ROCKY MTN CHOCOLATE FACTORY	COM	
775109 20 0 *	ROGERS COMMUNICATIONS INC	CL B	
775109 90 0	ROGERS COMMUNICATIONS INC	CALL	
775109 95 0	ROGERS COMMUNICATIONS INC	PUT	
775133 10 1 *	ROGERS CORP	COM	
775133 90 1	ROGERS CORP	CALL	
775133 95 1	ROGERS CORP	PUT	
77543R 10 2 *	ROKU INC	COM CL A	
77543R 90 2	ROKU INC	CALL	
77543R 95 2	ROKU INC	PUT	
775711 10 4 *	ROLLINS INC	COM	
775711 90 4	ROLLINS INC	CALL	
775711 95 4	ROLLINS INC	PUT	
77634L 10 5 *	R1 RCM INC	COM	
77634L 90 5	R1 RCM INC	CALL	
77634L 95 5	R1 RCM INC	PUT	
77664L 20 7 *	ROOT INC	CL A NEW	
77664L 90 7	ROOT INC	CALL	
77664L 95 7	ROOT INC	PUT	
776696 10 6 *	ROPER TECHNOLOGIES INC	COM	
776696 90 6	ROPER TECHNOLOGIES INC	CALL	
776696 95 6	ROPER TECHNOLOGIES INC	PUT	
77732R 10 3	ROSECLIFF ACQUISITION CORP I	COM CL A	
77732R 11 1	ROSECLIFF ACQUISITION CORP I	*W EXP 02/11/202	
77732R 20 2	ROSECLIFF ACQUISITION CORP I	UNIT 99/99/9999	
778296 10 3 *	ROSS STORES INC	COM	
778296 90 3	ROSS STORES INC	CALL	
778296 95 3	ROSS STORES INC	PUT	
77867P 10 4	ROTH CH ACQUISITION IV CO	COM	
77867P 11 2	ROTH CH ACQUISITION IV CO	*W EXP 07/01/202	
77867P 20 3	ROTH CH ACQUISITION IV CO	UNIT 07/01/2026	
77867R 10 0	ROTH CH ACQUISITION V CO	COM	
77867R 11 8	ROTH CH ACQUISITION V CO	*W EXP 12/10/202	
77867R 20 9	ROTH CH ACQUISITION V CO	UNIT 12/10/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 565

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
77936F 10 3 *	ROVER GROUP INC	COM CL A	
77936F 90 3	ROVER GROUP INC	CALL	
77936F 95 3	ROVER GROUP INC	PUT	
780087 10 2 *	ROYAL BK CDA SUSTAINABL	COM	
780087 90 2	ROYAL BK CDA SUSTAINABL	CALL	
780087 95 2	ROYAL BK CDA SUSTAINABL	PUT	
780153 BB 7	ROYAL CARIBBEAN GROUP	NOTE 4.250% 6/1	
780153 BF 8	ROYAL CARIBBEAN GROUP	NOTE 2.875%11/1	
780259 30 5 *	SHELL PLC	SPON ADS	
780259 90 5	SHELL PLC	CALL	
780259 95 5	SHELL PLC	PUT	
780287 10 8 *	ROYAL GOLD INC	COM	
780287 90 8	ROYAL GOLD INC	CALL	
780287 95 8	ROYAL GOLD INC	PUT	
78081T 10 4	ROYCE GLOBAL VALUE TR INC	COM	
780910 10 5	ROYCE VALUE TR INC	COM	
780915 10 4	ROYCE MICRO-CAP TR INC	COM	
78112J 10 9 *	RUBICON TECHNOLOGIES INC	CL A COM	
78112J 90 9	RUBICON TECHNOLOGIES INC	CALL	
78112J 95 9	RUBICON TECHNOLOGIES INC	PUT	
78112J 11 7	RUBICON TECHNOLOGIES INC	*W EXP 04/01/202	
78116T 10 3 *	RUBIUS THERAPEUTICS INC	COM	DELETED
78116T 90 3	RUBIUS THERAPEUTICS INC	CALL	DELETED
78116T 95 3	RUBIUS THERAPEUTICS INC	PUT	DELETED
78137L 10 5 *	RUMBLE INC	COM CL A	
78137L 90 5	RUMBLE INC	CALL	
78137L 95 5	RUMBLE INC	PUT	
78137L 11 3	RUMBLE INC	*W EXP 09/16/202	
781386 30 5 *	RUMBLEON INC	COM CL B	
781386 90 5	RUMBLEON INC	CALL	
781386 95 5	RUMBLEON INC	PUT	
78163D 10 0 *	RUNWAY GROWTH FINANCE CORP	COM	
78163D 90 0	RUNWAY GROWTH FINANCE CORP	CALL	
78163D 95 0	RUNWAY GROWTH FINANCE CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 566

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
781846 20 9 *	RUSH ENTERPRISES INC	CL A	
781846 90 9	RUSH ENTERPRISES INC	CALL	
781846 95 9	RUSH ENTERPRISES INC	PUT	
781846 30 8	RUSH ENTERPRISES INC	CL B	
782011 10 0 *	RUSH STREET INTERACTIVE INC	COM	
782011 90 0	RUSH STREET INTERACTIVE INC	CALL	
782011 95 0	RUSH STREET INTERACTIVE INC	PUT	
783332 10 9 *	RUTHS HOSPITALITY GROUP INC	COM	
783332 90 9	RUTHS HOSPITALITY GROUP INC	CALL	
783332 95 9	RUTHS HOSPITALITY GROUP INC	PUT	
78349D 10 7 *	RXSIGHT INC	COM	
78349D 90 7	RXSIGHT INC	CALL	
78349D 95 7	RXSIGHT INC	PUT	
78351F 10 7 *	RYAN SPECIALTY HOLDINGS INC	CL A	
78351F 90 7	RYAN SPECIALTY HOLDINGS INC	CALL	
78351F 95 7	RYAN SPECIALTY HOLDINGS INC	PUT	
783513 20 3 *	RYANAIR HOLDINGS PLC	SPONSORED ADS	
783513 90 3	RYANAIR HOLDINGS PLC	CALL	
783513 95 3	RYANAIR HOLDINGS PLC	PUT	
783549 10 8 *	RYDER SYS INC	COM	
783549 90 8	RYDER SYS INC	CALL	
783549 95 8	RYDER SYS INC	PUT	
783754 10 4 *	RYERSON HLDG CORP	COM	
783754 90 4	RYERSON HLDG CORP	CALL	
783754 95 4	RYERSON HLDG CORP	PUT	
78377T 10 7 *	RYMAN HOSPITALITY PPTYS INC	COM	
78377T 90 7	RYMAN HOSPITALITY PPTYS INC	CALL	
78377T 95 7	RYMAN HOSPITALITY PPTYS INC	PUT	
783859 10 1 *	S & T BANCORP INC	COM	
783859 90 1	S & T BANCORP INC	CALL	
783859 95 1	S & T BANCORP INC	PUT	
78396V 10 9	SCWORX CORP	COM	
78397Q 10 9 *	SES AI CORPORATION	CL A COM	
78397Q 90 9	SES AI CORPORATION	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 567

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78397Q 95 9	SES AI CORPORATION	PUT	
78397Q 11 7	SES AI CORPORATION	*W EXP 12/10/202	
78397T 10 3	SAB BIOTHERAPEUTICS INC	COM	
78397T 11 1	SAB BIOTHERAPEUTICS INC	*W EXP 10/22/202	
78408D 10 5	SB FINL GROUP INC	COM	
78409V 10 4 *	S&P GLOBAL INC	COM	
78409V 90 4	S&P GLOBAL INC	CALL	
78409V 95 4	S&P GLOBAL INC	PUT	
78410G 10 4 *	SBA COMMUNICATIONS CORP NEW	CL A	
78410G 90 4	SBA COMMUNICATIONS CORP NEW	CALL	
78410G 95 4	SBA COMMUNICATIONS CORP NEW	PUT	
784117 10 3 *	SEI INVTS CO	COM	
784117 90 3	SEI INVTS CO	CALL	
784117 95 3	SEI INVTS CO	PUT	
78413P 10 1 *	SEACOR MARINE HLDGS INC	COM	
78413P 90 1	SEACOR MARINE HLDGS INC	CALL	
78413P 95 1	SEACOR MARINE HLDGS INC	PUT	
78418A 50 5 *	SAFE & GREEN HOLDINGS CORP	COM NEW	
78418A 90 5	SAFE & GREEN HOLDINGS CORP	CALL	
78418A 95 5	SAFE & GREEN HOLDINGS CORP	PUT	
784305 10 4 *	SJW GROUP	COM	
784305 90 4	SJW GROUP	CALL	
784305 95 4	SJW GROUP	PUT	
78433H 10 5	SHP ETF TRUST	FIS KNIGHTS	
78433H 20 4	SHP ETF TRUST	FIS BIBLICALLY R	
78433H 30 3	SHP ETF TRUST	NEOS S&P 500 HI	
78433H 40 2	SHP ETF TRUST	NEOS ENHCD INME	
78433H 50 1	SHP ETF TRUST	NEOS ENH INM CAS	
78440P 30 6 *	SK TELECOM LTD	SPONSORED ADR	
78440P 90 6	SK TELECOM LTD	CALL	
78440P 95 6	SK TELECOM LTD	PUT	
78440X 88 7 *	SL GREEN RLTY CORP	COM	
78440X 90 7	SL GREEN RLTY CORP	CALL	
78440X 95 7	SL GREEN RLTY CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 568

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78442P 10 6 *	SLM CORP	COM	
78442P 90 6	SLM CORP	CALL	
78442P 95 6	SLM CORP	PUT	
78454L 10 0 *	SM ENERGY CO	COM	
78454L 90 0	SM ENERGY CO	CALL	
78454L 95 0	SM ENERGY CO	PUT	
78462F 10 3 *	SPDR S&P 500 ETF TR	TR UNIT	
78462F 90 3	SPDR S&P 500 ETF TR	CALL	
78462F 95 3	SPDR S&P 500 ETF TR	PUT	
78463M 10 7 *	SPS COMM INC	COM	
78463M 90 7	SPS COMM INC	CALL	
78463M 95 7	SPS COMM INC	PUT	
78463V 10 7 *	SPDR GOLD TR	GOLD SHS	
78463V 90 7	SPDR GOLD TR	CALL	
78463V 95 7	SPDR GOLD TR	PUT	
78463X 10 3 *	SPDR INDEX SHS FDS	PORTFLO EURP ETF	
78463X 90 3	SPDR INDEX SHS FDS	CALL	
78463X 95 3	SPDR INDEX SHS FDS	PUT	
78463X 15 2 *	SPDR INDEX SHS FDS	S&P NORTH AMER	
78463X 90 2	SPDR INDEX SHS FDS	CALL	
78463X 95 2	SPDR INDEX SHS FDS	PUT	
78463X 19 4 *	SPDR INDEX SHS FDS	MSCI ACWI CLMTE	
78463X 90 4	SPDR INDEX SHS FDS	CALL	
78463X 95 4	SPDR INDEX SHS FDS	PUT	
78463X 20 2 *	SPDR INDEX SHS FDS	EURO STOXX 50	
78463X 90 2	SPDR INDEX SHS FDS	CALL	
78463X 95 2	SPDR INDEX SHS FDS	PUT	
78463X 30 1 *	SPDR INDEX SHS FDS	ASIA PACIF ETF	
78463X 90 1	SPDR INDEX SHS FDS	CALL	
78463X 95 1	SPDR INDEX SHS FDS	PUT	
78463X 40 0 *	SPDR INDEX SHS FDS	S&P CHINA ETF	
78463X 90 0	SPDR INDEX SHS FDS	CALL	
78463X 95 0	SPDR INDEX SHS FDS	PUT	
78463X 41 8 *	SPDR INDEX SHS FDS	MSCI WRLD STRGIC	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 569

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
78463X 90 8	SPDR INDEX SHS FDS	CALL	
78463X 95 8	SPDR INDEX SHS FDS	PUT	
78463X 42 6 *	SPDR INDEX SHS FDS	MSCI EMRG MKTS	
78463X 90 6	SPDR INDEX SHS FDS	CALL	
78463X 95 6	SPDR INDEX SHS FDS	PUT	
78463X 43 4 *	SPDR INDEX SHS FDS	MSCI EAFE STRTGC	
78463X 90 4	SPDR INDEX SHS FDS	CALL	
78463X 95 4	SPDR INDEX SHS FDS	PUT	
78463X 45 9 *	SPDR INDEX SHS FDS	S&P GLBDIV ETF	
78463X 90 9	SPDR INDEX SHS FDS	CALL	
78463X 95 9	SPDR INDEX SHS FDS	PUT	
78463X 47 5 *	SPDR INDEX SHS FDS	PORTFLI MSCI GBL	
78463X 90 5	SPDR INDEX SHS FDS	CALL	
78463X 95 5	SPDR INDEX SHS FDS	PUT	
78463X 50 9 *	SPDR INDEX SHS FDS	PORTFOLIO EMG MK	
78463X 90 9	SPDR INDEX SHS FDS	CALL	
78463X 95 9	SPDR INDEX SHS FDS	PUT	
78463X 53 3 *	SPDR INDEX SHS FDS	S&P EM MKT DIV	
78463X 90 3	SPDR INDEX SHS FDS	CALL	
78463X 95 3	SPDR INDEX SHS FDS	PUT	
78463X 54 1 *	SPDR INDEX SHS FDS	GLB NAT RESRCE	
78463X 90 1	SPDR INDEX SHS FDS	CALL	
78463X 95 1	SPDR INDEX SHS FDS	PUT	
78463X 74 9 *	SPDR INDEX SHS FDS	DJ GLB RL ES ETF	
78463X 90 9	SPDR INDEX SHS FDS	CALL	
78463X 95 9	SPDR INDEX SHS FDS	PUT	
78463X 75 6 *	SPDR INDEX SHS FDS	S&P EMKTSC ETF	
78463X 90 6	SPDR INDEX SHS FDS	CALL	
78463X 95 6	SPDR INDEX SHS FDS	PUT	
78463X 77 2 *	SPDR INDEX SHS FDS	S&P INTL ETF	
78463X 90 2	SPDR INDEX SHS FDS	CALL	
78463X 95 2	SPDR INDEX SHS FDS	PUT	
78463X 84 8 *	SPDR INDEX SHS FDS	MSCI ACWI EXUS	
78463X 90 8	SPDR INDEX SHS FDS	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 570

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78463X 95 8	SPDR INDEX SHS FDS	PUT	
78463X 85 5 *	SPDR INDEX SHS FDS	S&P GBLINF ETF	
78463X 90 5	SPDR INDEX SHS FDS	CALL	
78463X 95 5	SPDR INDEX SHS FDS	PUT	
78463X 86 3 *	SPDR INDEX SHS FDS	DJ INTL RL ETF	
78463X 90 3	SPDR INDEX SHS FDS	CALL	
78463X 95 3	SPDR INDEX SHS FDS	PUT	
78463X 87 1 *	SPDR INDEX SHS FDS	S&P INTL SMLCP	
78463X 90 1	SPDR INDEX SHS FDS	CALL	
78463X 95 1	SPDR INDEX SHS FDS	PUT	
78463X 88 9 *	SPDR INDEX SHS FDS	PORTFOLIO DEVLDP	
78463X 90 9	SPDR INDEX SHS FDS	CALL	
78463X 95 9	SPDR INDEX SHS FDS	PUT	
78464A 10 2 *	SPDR SER TR	NYSE TECH ETF	
78464A 90 2	SPDR SER TR	CALL	
78464A 95 2	SPDR SER TR	PUT	
78464A 11 0 *	SPDR SER TR	FACTST INV ETF	
78464A 90 0	SPDR SER TR	CALL	
78464A 95 0	SPDR SER TR	PUT	
78464A 12 8 *	SPDR SER TR	SPDR S&P1500VL	
78464A 90 8	SPDR SER TR	CALL	
78464A 95 8	SPDR SER TR	PUT	
78464A 14 4 *	SPDR SER TR	PORTFOLIO CRPORT	
78464A 90 4	SPDR SER TR	CALL	
78464A 95 4	SPDR SER TR	PUT	
78464A 15 1 *	SPDR SER TR	BLOOMBERG INTL	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 20 1 *	SPDR SER TR	S&P 600 SMCP GRW	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 28 4 *	SPDR SER TR	NUVEEN BLOOMBERG	
78464A 90 4	SPDR SER TR	CALL	
78464A 95 4	SPDR SER TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 571

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
78464A 29 2 *	SPDR SER TR	ICE PFD SEC ETF	
78464A 90 2	SPDR SER TR	CALL	
78464A 95 2	SPDR SER TR	PUT	
78464A 30 0 *	SPDR SER TR	S&P 600 SMCP VAL	
78464A 90 0	SPDR SER TR	CALL	
78464A 95 0	SPDR SER TR	PUT	
78464A 33 4	SPDR SER TR	BLOOMBERG SHORT	
78464A 35 9 *	SPDR SER TR	BEG CONV SEC ETF	
78464A 90 9	SPDR SER TR	CALL	
78464A 95 9	SPDR SER TR	PUT	
78464A 36 7 *	SPDR SER TR	PORTFOLIO LN COR	
78464A 90 7	SPDR SER TR	CALL	
78464A 95 7	SPDR SER TR	PUT	
78464A 37 5 *	SPDR SER TR	PORTFOLIO INTRMD	
78464A 90 5	SPDR SER TR	CALL	
78464A 95 5	SPDR SER TR	PUT	
78464A 38 3 *	SPDR SER TR	PORT MTG BK ETF	
78464A 90 3	SPDR SER TR	CALL	
78464A 95 3	SPDR SER TR	PUT	
78464A 39 1 *	SPDR SER TR	BLOOMBERG EMERGI	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 40 9 *	SPDR SER TR	PRTFLO S&P500 GW	
78464A 90 9	SPDR SER TR	CALL	
78464A 95 9	SPDR SER TR	PUT	
78464A 47 4 *	SPDR SER TR	PORTFOLIO SHORT	
78464A 90 4	SPDR SER TR	CALL	
78464A 95 4	SPDR SER TR	PUT	
78464A 49 0 *	SPDR SER TR	FTSE INT GVT ETF	
78464A 90 0	SPDR SER TR	CALL	
78464A 95 0	SPDR SER TR	PUT	
78464A 50 8 *	SPDR SER TR	PRTFLO S&P500 VL	
78464A 90 8	SPDR SER TR	CALL	
78464A 95 8	SPDR SER TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 572

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
78464A 51 6 *	SPDR SER TR	BLOOMBERG INTL T	
78464A 90 6	SPDR SER TR	CALL	
78464A 95 6	SPDR SER TR	PUT	
78464A 53 2 *	SPDR SER TR	S&P TRANSN ETF	
78464A 90 2	SPDR SER TR	CALL	
78464A 95 2	SPDR SER TR	PUT	
78464A 54 0 *	SPDR SER TR	S&P TELECOM	
78464A 90 0	SPDR SER TR	CALL	
78464A 95 0	SPDR SER TR	PUT	
78464A 57 3 *	SPDR SER TR	HLTH CARE SVCS	
78464A 90 3	SPDR SER TR	CALL	
78464A 95 3	SPDR SER TR	PUT	
78464A 58 1 *	SPDR SER TR	HLTH CR EQUIP	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 59 9 *	SPDR SER TR	COMP SOFTWARE	
78464A 90 9	SPDR SER TR	CALL	
78464A 95 9	SPDR SER TR	PUT	
78464A 60 7 *	SPDR SER TR	DJ REIT ETF	
78464A 90 7	SPDR SER TR	CALL	
78464A 95 7	SPDR SER TR	PUT	
78464A 63 1 *	SPDR SER TR	AEROSPACE DEF	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 64 9 *	SPDR SER TR	PORTFOLIO AGRGTE	
78464A 90 9	SPDR SER TR	CALL	
78464A 95 9	SPDR SER TR	PUT	
78464A 65 6 *	SPDR SER TR	PORTFLI TIPS ETF	
78464A 90 6	SPDR SER TR	CALL	
78464A 95 6	SPDR SER TR	PUT	
78464A 66 4 *	SPDR SER TR	PORTFOLIO LN TSR	
78464A 90 4	SPDR SER TR	CALL	
78464A 95 4	SPDR SER TR	PUT	
78464A 67 2 *	SPDR SER TR	PORTFLI INTRMDIT	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78464A 90 2	SPDR SER TR	CALL	
78464A 95 2	SPDR SER TR	PUT	
78464A 69 8 *	SPDR SER TR	S&P REGL BKG	
78464A 90 8	SPDR SER TR	CALL	
78464A 95 8	SPDR SER TR	PUT	
78464A 70 6 *	SPDR SER TR	GLB DOW ETF	
78464A 90 6	SPDR SER TR	CALL	
78464A 95 6	SPDR SER TR	PUT	
78464A 71 4 *	SPDR SER TR	S&P RETAIL ETF	
78464A 90 4	SPDR SER TR	CALL	
78464A 95 4	SPDR SER TR	PUT	
78464A 72 2 *	SPDR SER TR	S&P PHARMAC	
78464A 90 2	SPDR SER TR	CALL	
78464A 95 2	SPDR SER TR	PUT	
78464A 75 5 *	SPDR SER TR	S&P METALS MNG	
78464A 90 5	SPDR SER TR	CALL	
78464A 95 5	SPDR SER TR	PUT	
78464A 76 3 *	SPDR SER TR	S&P DIVID ETF	
78464A 90 3	SPDR SER TR	CALL	
78464A 95 3	SPDR SER TR	PUT	
78464A 77 1 *	SPDR SER TR	S&P CAP MKTS	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 78 9 *	SPDR SER TR	S&P INS ETF	
78464A 90 9	SPDR SER TR	CALL	
78464A 95 9	SPDR SER TR	PUT	
78464A 79 7 *	SPDR SER TR	S&P BK ETF	
78464A 90 7	SPDR SER TR	CALL	
78464A 95 7	SPDR SER TR	PUT	
78464A 80 5 *	SPDR SER TR	PORTFOLI S&P1500	
78464A 90 5	SPDR SER TR	CALL	
78464A 95 5	SPDR SER TR	PUT	
78464A 81 3 *	SPDR SER TR	S&P 600 SML CAP	
78464A 90 3	SPDR SER TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 574

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78464A 95 3	SPDR SER TR	PUT	
78464A 82 1 *	SPDR SER TR	S&P 400 MDCP GRW	
78464A 90 1	SPDR SER TR	CALL	
78464A 95 1	SPDR SER TR	PUT	
78464A 83 9 *	SPDR SER TR	S&P 400 MDCP VAL	
78464A 90 9	SPDR SER TR	CALL	
78464A 95 9	SPDR SER TR	PUT	
78464A 84 7 *	SPDR SER TR	PORTFOLIO S&P400	
78464A 90 7	SPDR SER TR	CALL	
78464A 95 7	SPDR SER TR	PUT	
78464A 85 4 *	SPDR SER TR	PORTFOLIO S&P500	
78464A 90 4	SPDR SER TR	CALL	
78464A 95 4	SPDR SER TR	PUT	
78464A 86 2 *	SPDR SER TR	S&P SEMICNDCTR	
78464A 90 2	SPDR SER TR	CALL	
78464A 95 2	SPDR SER TR	PUT	
78464A 87 0 *	SPDR SER TR	S&P BIOTECH	
78464A 90 0	SPDR SER TR	CALL	
78464A 95 0	SPDR SER TR	PUT	
78464A 88 8 *	SPDR SER TR	S&P HOMEBUILD	
78464A 90 8	SPDR SER TR	CALL	
78464A 95 8	SPDR SER TR	PUT	
78467J 10 0 *	SS&C TECHNOLOGIES HLDGS INC	COM	
78467J 90 0	SS&C TECHNOLOGIES HLDGS INC	CALL	
78467J 95 0	SS&C TECHNOLOGIES HLDGS INC	PUT	
78467V 10 3 *	SSGA ACTIVE ETF TR	MULT ASS RLRTN	
78467V 90 3	SSGA ACTIVE ETF TR	CALL	
78467V 95 3	SSGA ACTIVE ETF TR	PUT	
78467V 20 2 *	SSGA ACTIVE ETF TR	INCOM ALLO ETF	
78467V 90 2	SSGA ACTIVE ETF TR	CALL	
78467V 95 2	SSGA ACTIVE ETF TR	PUT	
78467V 40 0 *	SSGA ACTIVE ETF TR	GLOBL ALLO ETF	
78467V 90 0	SSGA ACTIVE ETF TR	CALL	
78467V 95 0	SSGA ACTIVE ETF TR	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 575

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78467V 60 8 *	SSGA ACTIVE ETF TR	BLACKSTONE SENR	
78467V 90 8	SSGA ACTIVE ETF TR	CALL	
78467V 95 8	SSGA ACTIVE ETF TR	PUT	
78467V 70 7	SSGA ACTIVE ETF TR	ULT SHT TRM BD	
78467V 84 8 *	SSGA ACTIVE ETF TR	SPDR TR TACTIC	
78467V 90 8	SSGA ACTIVE ETF TR	CALL	
78467V 95 8	SSGA ACTIVE ETF TR	PUT	
78467X 10 9 *	SPDR DOW JONES INDL AVERAGE	UT SER 1	
78467X 90 9	SPDR DOW JONES INDL AVERAGE	CALL	
78467X 95 9	SPDR DOW JONES INDL AVERAGE	PUT	
78467Y 10 7 *	SPDR S&P MIDCAP 400 ETF TR	UTSER1 S&PDCRP	
78467Y 90 7	SPDR S&P MIDCAP 400 ETF TR	CALL	
78467Y 95 7	SPDR S&P MIDCAP 400 ETF TR	PUT	
78468R 10 1 *	SPDR SER TR	PORTFOLIO SH TSR	
78468R 90 1	SPDR SER TR	CALL	
78468R 95 1	SPDR SER TR	PUT	
78468R 12 7 *	SPDR SER TR	S&P INTERNET ETF	
78468R 90 7	SPDR SER TR	CALL	
78468R 95 7	SPDR SER TR	PUT	
78468R 20 0 *	SPDR SER TR	BLOOMBERG INVT	
78468R 90 0	SPDR SER TR	CALL	
78468R 95 0	SPDR SER TR	PUT	
78468R 40 8 *	SPDR SER TR	BLOOMBERG SHT TE	
78468R 90 8	SPDR SER TR	CALL	
78468R 95 8	SPDR SER TR	PUT	
78468R 47 3 *	SPDR SER TR	MSCI USA CLIMATE	
78468R 90 3	SPDR SER TR	CALL	
78468R 95 3	SPDR SER TR	PUT	
78468R 48 1	SPDR SER TR	SPDR S&P SMALLCA	
78468R 49 9 *	SPDR SER TR	MKTAXES INVT GRD	
78468R 90 9	SPDR SER TR	CALL	
78468R 95 9	SPDR SER TR	PUT	
78468R 51 5	SPDR SER TR	BLOOMBERG EMG MK	
78468R 52 3 *	SPDR SER TR	BLOOMBERG 3-12 M	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 576

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
78468R 90 3	SPDR SER TR	CALL	
78468R 95 3	SPDR SER TR	PUT	
78468R 53 1	SPDR SER TR	S&P 500 ESG ETF	
78468R 54 9 *	SPDR SER TR	OILGAS EQUIP	
78468R 90 9	SPDR SER TR	CALL	
78468R 95 9	SPDR SER TR	PUT	
78468R 55 6 *	SPDR SER TR	S&P OILGAS EXP	
78468R 90 6	SPDR SER TR	CALL	
78468R 95 6	SPDR SER TR	PUT	
78468R 60 6 *	SPDR SER TR	PORTFLI HIGH YLD	
78468R 90 6	SPDR SER TR	CALL	
78468R 95 6	SPDR SER TR	PUT	
78468R 61 4	SPDR SER TR	BBG SASB CRPT ES	
78468R 62 2 *	SPDR SER TR	BLOOMBERG HIGH Y	
78468R 90 2	SPDR SER TR	CALL	
78468R 95 2	SPDR SER TR	PUT	
78468R 63 0 *	SPDR SER TR	S&P KENSHO FINAL	
78468R 90 0	SPDR SER TR	CALL	
78468R 95 0	SPDR SER TR	PUT	
78468R 64 8 *	SPDR SER TR	S&P KENSHO NEW	
78468R 90 8	SPDR SER TR	CALL	
78468R 95 8	SPDR SER TR	PUT	
78468R 65 5 *	SPDR SER TR	S&P KENSHO CLEAN	
78468R 90 5	SPDR SER TR	CALL	
78468R 95 5	SPDR SER TR	PUT	
78468R 66 3 *	SPDR SER TR	BLOOMBERG 1-3 MO	
78468R 90 3	SPDR SER TR	CALL	
78468R 95 3	SPDR SER TR	PUT	
78468R 67 1 *	SPDR SER TR	S&P KENSHO FUTRE	
78468R 90 1	SPDR SER TR	CALL	
78468R 95 1	SPDR SER TR	PUT	
78468R 68 9 *	SPDR SER TR	S&P KENSHO SMART	
78468R 90 9	SPDR SER TR	CALL	
78468R 95 9	SPDR SER TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 577

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
78468R 69 7 *	SPDR SER TR	S&P KENSHO INTLG	
78468R 90 7	SPDR SER TR	CALL	
78468R 95 7	SPDR SER TR	PUT	
78468R 70 5 *	SPDR SER TR	S&P1500MOMTILT	
78468R 90 5	SPDR SER TR	CALL	
78468R 95 5	SPDR SER TR	PUT	
78468R 72 1 *	SPDR SER TR	NUVEEN BLMBRG MU	
78468R 90 1	SPDR SER TR	CALL	
78468R 95 1	SPDR SER TR	PUT	
78468R 73 9 *	SPDR SER TR	NUVEEN BLMBRG SH	
78468R 90 9	SPDR SER TR	CALL	
78468R 95 9	SPDR SER TR	PUT	
78468R 74 7 *	SPDR SER TR	SPDR MSCI USA GE	
78468R 90 7	SPDR SER TR	CALL	
78468R 95 7	SPDR SER TR	PUT	
78468R 75 4 *	SPDR SER TR	RUSSELL LOW VOL	
78468R 90 4	SPDR SER TR	CALL	
78468R 95 4	SPDR SER TR	PUT	
78468R 76 2 *	SPDR SER TR	RUSSELL MOMENTUM	
78468R 90 2	SPDR SER TR	CALL	
78468R 95 2	SPDR SER TR	PUT	
78468R 77 0 *	SPDR SER TR	RUSSELL YIELD	
78468R 90 0	SPDR SER TR	CALL	
78468R 95 0	SPDR SER TR	PUT	
78468R 78 8 *	SPDR SER TR	PRTFLO S&P500 HI	
78468R 90 8	SPDR SER TR	CALL	
78468R 95 8	SPDR SER TR	PUT	
78468R 79 6 *	SPDR SER TR	SPDR S&P 500 ETF	
78468R 90 6	SPDR SER TR	CALL	
78468R 95 6	SPDR SER TR	PUT	
78468R 80 4 *	SPDR SER TR	SSGA US LRG ETF	
78468R 90 4	SPDR SER TR	CALL	
78468R 95 4	SPDR SER TR	PUT	
78468R 81 2 *	SPDR SER TR	MSCI USA STRTGIC	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 578

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78468R 90 2	SPDR SER TR	CALL	
78468R 95 2	SPDR SER TR	PUT	
78468R 85 3 *	SPDR SER TR	PORTFOLIO S&P600	
78468R 90 3	SPDR SER TR	CALL	
78468R 95 3	SPDR SER TR	PUT	
78468R 86 1 *	SPDR SER TR	BLOOMBERG 1 10 Y	
78468R 90 1	SPDR SER TR	CALL	
78468R 95 1	SPDR SER TR	PUT	
78468R 88 7 *	SPDR SER TR	SSGA US SMAL ETF	
78468R 90 7	SPDR SER TR	CALL	
78468R 95 7	SPDR SER TR	PUT	
78469C 10 3 *	SP PLUS CORP	COM	
78469C 90 3	SP PLUS CORP	CALL	
78469C 95 3	SP PLUS CORP	PUT	
78470E 10 6 *	SPDR INDEX SHS FDS	MSCI EAFE FS ETF	
78470E 90 6	SPDR INDEX SHS FDS	CALL	
78470E 95 6	SPDR INDEX SHS FDS	PUT	
78470E 20 5 *	SPDR INDEX SHS FDS	MSCI EMR MKT ETF	
78470E 90 5	SPDR INDEX SHS FDS	CALL	
78470E 95 5	SPDR INDEX SHS FDS	PUT	
78470E 30 4	SPDR INDEX SHS FDS	SPDR BLOOMBERG S	
78470E 40 3	SPDR INDEX SHS FDS	SPDR BLMBERG SAS	
78470P 20 0	SSGA ACTIVE TR	SPDR DBLELN SHRT	
78470P 30 9	SSGA ACTIVE TR	SPDR DBLELN EMRG	
78470P 40 8	SSGA ACTIVE TR	SPDR SSGA US SCT	
78470P 50 7	SSGA ACTIVE TR	SPDR SSGA FXD	
78470P 70 5	SSGA ACTIVE TR	SPDR NUVEEN MUN	
78470P 80 4	SSGA ACTIVE TR	SPDR LOOMIS SAYL	
78470P 84 6	SSGA ACTIVE TR	SPDR BLACKSTONE	
78470P 85 3	SSGA ACTIVE TR	SPDR NUVEEN MUN	
78471E 10 5 *	SKYX PLATFORMS CORP	COM	
78471E 90 5	SKYX PLATFORMS CORP	CALL	
78471E 95 5	SKYX PLATFORMS CORP	PUT	
78472M 10 6 *	SRAX INC	CL A	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 579

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78472M 90 6	SRAX INC	CALL	DELETED
78472M 95 6	SRAX INC	PUT	DELETED
78472W 10 4 *	SQZ BIOTECHNOLOGIES CO	COM	
78472W 90 4	SQZ BIOTECHNOLOGIES CO	CALL	
78472W 95 4	SQZ BIOTECHNOLOGIES CO	PUT	
78473E 10 3 *	SPX TECHNOLOGIES INC	COM	
78473E 90 3	SPX TECHNOLOGIES INC	CALL	
78473E 95 3	SPX TECHNOLOGIES INC	PUT	
784730 AB 9	SSR MINING IN	NOTE 2.500% 4/0	
784730 10 3 *	SSR MINING IN	COM	
784730 90 3	SSR MINING IN	CALL	
784730 95 3	SSR MINING IN	PUT	
78486Q 10 1 *	SVB FINANCIAL GROUP	COM	DELETED
78486Q 90 1	SVB FINANCIAL GROUP	CALL	DELETED
78486Q 95 1	SVB FINANCIAL GROUP	PUT	DELETED
784933 10 3	SPAR GROUP INC	COM	
78501P 20 3	SWK HLDGS CORP	COM NEW	
785135 10 4 *	S&W SEED CO	COM	
785135 90 4	S&W SEED CO	CALL	
785135 95 4	S&W SEED CO	PUT	
78518H 20 2	SABA CAPITAL INCOME & OPRNT	SHS NEW	
785688 10 2	SABINE RTY TR	UNIT BEN INT	
78573L 10 6 *	SABRA HEALTH CARE REIT INC	COM	
78573L 90 6	SABRA HEALTH CARE REIT INC	CALL	
78573L 95 6	SABRA HEALTH CARE REIT INC	PUT	
78573M 10 4 *	SABRE CORP	COM	
78573M 90 4	SABRE CORP	CALL	
78573M 95 4	SABRE CORP	PUT	
78573M 20 3	SABRE CORP	6.50% CONV PFD A	
78573N AE 2	SABRE GLBL INC	NOTE 4.000% 4/1	
78590A 10 9 *	SACHEM CAP CORP	COM	
78590A 90 9	SACHEM CAP CORP	CALL	
78590A 95 9	SACHEM CAP CORP	PUT	
78643B 50 0	ALARUM TECHNOLOGIES LTD	SPONSORD ADS NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 580

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
786449 20 7 *	SAFEGUARD SCIENTIFICS INC	COM NEW	
786449 90 7	SAFEGUARD SCIENTIFICS INC	CALL	
786449 95 7	SAFEGUARD SCIENTIFICS INC	PUT	
78645L 10 0 *	SAFEHOLD INC	COM	DELETED
78645L 90 0	SAFEHOLD INC	CALL	DELETED
78645L 95 0	SAFEHOLD INC	PUT	DELETED
78646V 10 7 *	SAFEHOLD INC	COM	ADDED
78646V 90 7	SAFEHOLD INC	CALL	ADDED
78646V 95 7	SAFEHOLD INC	PUT	ADDED
78648T 10 0 *	SAFETY INS GROUP INC	COM	
78648T 90 0	SAFETY INS GROUP INC	CALL	
78648T 95 0	SAFETY INS GROUP INC	PUT	
786598 30 0	SAGA COMMUNICATIONS INC	CL A NEW	
78661R 10 6	SAGALIAM ACQUISITION CORP	COM CL A	
78661R 11 4	SAGALIAM ACQUISITION CORP	RIGHT 05/31/2028	
78661R 20 5	SAGALIAM ACQUISITION CORP	UNIT 05/31/2028	
78667J 10 8 *	SAGE THERAPEUTICS INC	COM	
78667J 90 8	SAGE THERAPEUTICS INC	CALL	
78667J 95 8	SAGE THERAPEUTICS INC	PUT	
78709Y 10 5 *	SAIA INC	COM	
78709Y 90 5	SAIA INC	CALL	
78709Y 95 5	SAIA INC	PUT	
790148 10 0 *	ST JOE CO	COM	
790148 90 0	ST JOE CO	CALL	
790148 95 0	ST JOE CO	PUT	
79400X 30 5	SALARIUS PHARMACEUTICALS INC	COM NEW	
794093 10 4	SALEM MEDIA GROUP INC	CL A	
79466L 30 2 *	SALESFORCE INC	COM	
79466L 90 2	SALESFORCE INC	CALL	
79466L 95 2	SALESFORCE INC	PUT	
795226 10 9	SALISBURY BANCORP INC	COM	
79546E 10 4 *	SALLY BEAUTY HLDGS INC	COM	
79546E 90 4	SALLY BEAUTY HLDGS INC	CALL	
79546E 95 4	SALLY BEAUTY HLDGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 581

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
79589L 10 6 *	SAMSARA INC	COM CL A	
79589L 90 6	SAMSARA INC	CALL	
79589L 95 6	SAMSARA INC	PUT	
798241 10 5 *	SAN JUAN BASIN RTY TR	UNIT BEN INT	
798241 90 5	SAN JUAN BASIN RTY TR	CALL	
798241 95 5	SAN JUAN BASIN RTY TR	PUT	
799566 10 4 *	SANA BIOTECHNOLOGY INC	COM	
799566 90 4	SANA BIOTECHNOLOGY INC	CALL	
799566 95 4	SANA BIOTECHNOLOGY INC	PUT	
79957L 10 0	SANARA MEDTECH INC	COM	
80007P 86 9 *	SANDRIDGE ENERGY INC	COM NEW	
80007P 90 9	SANDRIDGE ENERGY INC	CALL	
80007P 95 9	SANDRIDGE ENERGY INC	PUT	
80013R 20 6 *	SANDSTORM GOLD LTD	COM NEW	
80013R 90 6	SANDSTORM GOLD LTD	CALL	
80013R 95 6	SANDSTORM GOLD LTD	PUT	
800363 10 3 *	SANDY SPRING BANCORP INC	COM	
800363 90 3	SANDY SPRING BANCORP INC	CALL	
800363 95 3	SANDY SPRING BANCORP INC	PUT	
800422 10 7 *	SANFILIPPO JOHN B & SON INC	COM	
800422 90 7	SANFILIPPO JOHN B & SON INC	CALL	
800422 95 7	SANFILIPPO JOHN B & SON INC	PUT	
800677 10 6 *	SANGAMO THERAPEUTICS INC	COM	
800677 90 6	SANGAMO THERAPEUTICS INC	CALL	
800677 95 6	SANGAMO THERAPEUTICS INC	PUT	
80100R 40 8	SANGOMA TECHNOLOGIES CORP	COM NEW	
80105N 10 5 *	SANOFI	SPONSORED ADR	
80105N 90 5	SANOFI	CALL	
80105N 95 5	SANOFI	PUT	
801056 10 2 *	SANMINA CORPORATION	COM	
801056 90 2	SANMINA CORPORATION	CALL	
801056 95 2	SANMINA CORPORATION	PUT	
803054 20 4 *	SAP SE	SPON ADR	
803054 90 4	SAP SE	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 582

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
803054 95 4	SAP SE	PUT	
80349A 20 8 *	SARATOGA INVT CORP	COM NEW	
80349A 90 8	SARATOGA INVT CORP	CALL	
80349A 95 8	SARATOGA INVT CORP	PUT	
80359A 10 6	SARCOS TECHN AND ROBOTICS CO	COM	
80359A 11 4	SARCOS TECHN AND ROBOTICS CO	*W EXP 09/24/202	
803607 AB 6	SAREPTA THERAPEUTICS INC	DBCV 1.500%11/1	
803607 AC 4	SAREPTA THERAPEUTICS INC	DEBT 1.250% 9/1	DELETED
803607 10 0 *	SAREPTA THERAPEUTICS INC	COM	
803607 90 0	SAREPTA THERAPEUTICS INC	CALL	
803607 95 0	SAREPTA THERAPEUTICS INC	PUT	
803866 30 0 *	SASOL LTD	SPONSORED ADR	
803866 90 0	SASOL LTD	CALL	
803866 95 0	SASOL LTD	PUT	
80405P 10 7 *	SATSUMA PHARMACEUTICALS INC	COM	
80405P 90 7	SATSUMA PHARMACEUTICALS INC	CALL	
80405P 95 7	SATSUMA PHARMACEUTICALS INC	PUT	
804395 10 1 *	SAUL CTRS INC	COM	
804395 90 1	SAUL CTRS INC	CALL	
804395 95 1	SAUL CTRS INC	PUT	
805111 10 1 *	SAVARA INC	COM	
805111 90 1	SAVARA INC	CALL	
805111 95 1	SAVARA INC	PUT	
80512Q 30 3	SAVE FOODS INC	COM	
80516T 10 5	SAVERONE 2014 LTD	SPONSORED ADS	
80516T 11 3	SAVERONE 2014 LTD	*W EXP 06/02/202	
806037 10 7 *	SCANSOURCE INC	COM	
806037 90 7	SCANSOURCE INC	CALL	
806037 95 7	SCANSOURCE INC	PUT	
806407 10 2 *	HENRY SCHEIN INC	COM	
806407 90 2	HENRY SCHEIN INC	CALL	
806407 95 2	HENRY SCHEIN INC	PUT	
806857 10 8 *	SCHLUMBERGER LTD	COM STK	
806857 90 8	SCHLUMBERGER LTD	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 583

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
806857 95 8	SCHLUMBERGER LTD	PUT	
806870 20 0	SCHMITT INDS INC ORE	COM NEW	DELETED
806882 10 6 *	SCHNITZER STEEL INDS INC	CL A	
806882 90 6	SCHNITZER STEEL INDS INC	CALL	
806882 95 6	SCHNITZER STEEL INDS INC	PUT	
80689H 10 2 *	SCHNEIDER NATIONAL INC	CL B	
80689H 90 2	SCHNEIDER NATIONAL INC	CALL	
80689H 95 2	SCHNEIDER NATIONAL INC	PUT	
80706P 10 3 *	SCHOLAR ROCK HLDG CORP	COM	
80706P 90 3	SCHOLAR ROCK HLDG CORP	CALL	
80706P 95 3	SCHOLAR ROCK HLDG CORP	PUT	
807066 10 5 *	SCHOLASTIC CORP	COM	
807066 90 5	SCHOLASTIC CORP	CALL	
807066 95 5	SCHOLASTIC CORP	PUT	
80810D 10 3 *	SCHRODINGER INC	COM	
80810D 90 3	SCHRODINGER INC	CALL	
80810D 95 3	SCHRODINGER INC	PUT	
808212 10 4	SCHULTZE SPL PURP ACQ CORP I	CLASS A COM	
808212 11 2	SCHULTZE SPL PURP ACQ CORP I	*W EXP 04/13/202	
808212 20 3	SCHULTZE SPL PURP ACQ CORP I	UNIT 03/25/2028	
808513 10 5 *	SCHWAB CHARLES CORP	COM	
808513 90 5	SCHWAB CHARLES CORP	CALL	
808513 95 5	SCHWAB CHARLES CORP	PUT	
808515 53 0	SCHWAB CHARLES FAMILY FD	AMT TAX FREE MNY	
808524 10 2 *	SCHWAB STRATEGIC TR	US BRD MKT ETF	
808524 90 2	SCHWAB STRATEGIC TR	CALL	
808524 95 2	SCHWAB STRATEGIC TR	PUT	
808524 20 1 *	SCHWAB STRATEGIC TR	US LRG CAP ETF	
808524 90 1	SCHWAB STRATEGIC TR	CALL	
808524 95 1	SCHWAB STRATEGIC TR	PUT	
808524 30 0 *	SCHWAB STRATEGIC TR	US LCAP GR ETF	
808524 90 0	SCHWAB STRATEGIC TR	CALL	
808524 95 0	SCHWAB STRATEGIC TR	PUT	
808524 40 9 *	SCHWAB STRATEGIC TR	US LCAP VA ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 584

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
808524 90 9	SCHWAB STRATEGIC TR	CALL	
808524 95 9	SCHWAB STRATEGIC TR	PUT	
808524 50 8 *	SCHWAB STRATEGIC TR	US MID-CAP ETF	
808524 90 8	SCHWAB STRATEGIC TR	CALL	
808524 95 8	SCHWAB STRATEGIC TR	PUT	
808524 60 7 *	SCHWAB STRATEGIC TR	US SML CAP ETF	
808524 90 7	SCHWAB STRATEGIC TR	CALL	
808524 95 7	SCHWAB STRATEGIC TR	PUT	
808524 64 9	SCHWAB STRATEGIC TR	MUN BD ETF	
808524 65 6	SCHWAB STRATEGIC TR	CRYPTO THEMATIC	
808524 66 4	SCHWAB STRATEGIC TR	ARIEL ESG ETF	
808524 67 2 *	SCHWAB STRATEGIC TR	INTERNAL DIVID	
808524 90 2	SCHWAB STRATEGIC TR	CALL	
808524 95 2	SCHWAB STRATEGIC TR	PUT	
808524 68 0	SCHWAB STRATEGIC TR	LONG TERM US	
808524 69 8	SCHWAB STRATEGIC TR	5 10YR CORP BD	
808524 70 6 *	SCHWAB STRATEGIC TR	EMRG MKTEQ ETF	
808524 90 6	SCHWAB STRATEGIC TR	CALL	
808524 95 6	SCHWAB STRATEGIC TR	PUT	
808524 71 4 *	SCHWAB STRATEGIC TR	1 5YR CORP BD	
808524 90 4	SCHWAB STRATEGIC TR	CALL	
808524 95 4	SCHWAB STRATEGIC TR	PUT	
808524 72 2 *	SCHWAB STRATEGIC TR	1000 INDEX ETF	
808524 90 2	SCHWAB STRATEGIC TR	CALL	
808524 95 2	SCHWAB STRATEGIC TR	PUT	
808524 73 0 *	SCHWAB STRATEGIC TR	SCHWB FDT EMK LG	
808524 90 0	SCHWAB STRATEGIC TR	CALL	
808524 95 0	SCHWAB STRATEGIC TR	PUT	
808524 74 8 *	SCHWAB STRATEGIC TR	SCHWB FDT INT SC	
808524 90 8	SCHWAB STRATEGIC TR	CALL	
808524 95 8	SCHWAB STRATEGIC TR	PUT	
808524 75 5 *	SCHWAB STRATEGIC TR	SCHWB FDT INT LG	
808524 90 5	SCHWAB STRATEGIC TR	CALL	
808524 95 5	SCHWAB STRATEGIC TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 585

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
808524 76 3 *	SCHWAB STRATEGIC TR	SCHWAB FDT US SC	
808524 90 3	SCHWAB STRATEGIC TR	CALL	
808524 95 3	SCHWAB STRATEGIC TR	PUT	
808524 77 1 *	SCHWAB STRATEGIC TR	SCHWAB FDT US LG	
808524 90 1	SCHWAB STRATEGIC TR	CALL	
808524 95 1	SCHWAB STRATEGIC TR	PUT	
808524 78 9 *	SCHWAB STRATEGIC TR	SCHWAB FDT US BM	
808524 90 9	SCHWAB STRATEGIC TR	CALL	
808524 95 9	SCHWAB STRATEGIC TR	PUT	
808524 79 7 *	SCHWAB STRATEGIC TR	US DIVIDEND EQ	
808524 90 7	SCHWAB STRATEGIC TR	CALL	
808524 95 7	SCHWAB STRATEGIC TR	PUT	
808524 80 5 *	SCHWAB STRATEGIC TR	INTL EQTY ETF	
808524 90 5	SCHWAB STRATEGIC TR	CALL	
808524 95 5	SCHWAB STRATEGIC TR	PUT	
808524 83 9 *	SCHWAB STRATEGIC TR	US AGGREGATE B	
808524 90 9	SCHWAB STRATEGIC TR	CALL	
808524 95 9	SCHWAB STRATEGIC TR	PUT	
808524 84 7 *	SCHWAB STRATEGIC TR	US REIT ETF	
808524 90 7	SCHWAB STRATEGIC TR	CALL	
808524 95 7	SCHWAB STRATEGIC TR	PUT	
808524 85 4 *	SCHWAB STRATEGIC TR	INT-TRM U.S TRES	
808524 90 4	SCHWAB STRATEGIC TR	CALL	
808524 95 4	SCHWAB STRATEGIC TR	PUT	
808524 86 2 *	SCHWAB STRATEGIC TR	SHT TM US TRES	
808524 90 2	SCHWAB STRATEGIC TR	CALL	
808524 95 2	SCHWAB STRATEGIC TR	PUT	
808524 87 0 *	SCHWAB STRATEGIC TR	US TIPS ETF	
808524 90 0	SCHWAB STRATEGIC TR	CALL	
808524 95 0	SCHWAB STRATEGIC TR	PUT	
808524 88 8 *	SCHWAB STRATEGIC TR	INTL SCEQT ETF	
808524 90 8	SCHWAB STRATEGIC TR	CALL	
808524 95 8	SCHWAB STRATEGIC TR	PUT	
808541 10 6 *	MATIV HOLDINGS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 586

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
808541 90 6	MATIV HOLDINGS INC	CALL	
808541 95 6	MATIV HOLDINGS INC	PUT	
808625 10 7 *	SCIENCE APPLICATIONS INTL CO	COM	
808625 90 7	SCIENCE APPLICATIONS INTL CO	CALL	
808625 95 7	SCIENCE APPLICATIONS INTL CO	PUT	
808644 10 8	SCIENCE 37 HOLDINGS INC	COM	
80874P 10 9 *	LIGHT & WONDER INC	COM	
80874P 90 9	LIGHT & WONDER INC	CALL	
80874P 95 9	LIGHT & WONDER INC	PUT	
80880W 10 6 *	SCILEX HOLDING CO	COM	
80880W 90 6	SCILEX HOLDING CO	CALL	
80880W 95 6	SCILEX HOLDING CO	PUT	
80880W 11 4	SCILEX HOLDING CO	*W EXP 11/10/202	
809087 10 9 *	SCIPLAY CORPORATION	CL A	
809087 90 9	SCIPLAY CORPORATION	CALL	
809087 95 9	SCIPLAY CORPORATION	PUT	
810186 10 6 *	SCOTTS MIRACLE-GRO CO	CL A	
810186 90 6	SCOTTS MIRACLE-GRO CO	CALL	
810186 95 6	SCOTTS MIRACLE-GRO CO	PUT	
810648 10 5 *	SCPHARMACEUTICALS INC	COM	
810648 90 5	SCPHARMACEUTICALS INC	CALL	
810648 95 5	SCPHARMACEUTICALS INC	PUT	
811054 40 2 *	SCRIPPS E W CO OHIO	CL A NEW	
811054 90 2	SCRIPPS E W CO OHIO	CALL	
811054 95 2	SCRIPPS E W CO OHIO	PUT	
811246 10 7 *	SCULPTOR CAP MGMT	COM CL A	
811246 90 7	SCULPTOR CAP MGMT	CALL	
811246 95 7	SCULPTOR CAP MGMT	PUT	
811292 20 0 *	SCYNEXIS INC	COM NEW	
811292 90 0	SCYNEXIS INC	CALL	
811292 95 0	SCYNEXIS INC	PUT	
81141R AB 6	SEA LTD	NOTE 2.250% 7/0	
81141R AD 2	SEA LTD	NOTE 1.000%12/0	
81141R AF 7	SEA LTD	NOTE 2.375%12/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 587

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81141R AG 5	SEA LTD	NOTE 0.250% 9/1	
81141R 10 0 *	SEA LTD	SPONSORD ADS	
81141R 90 0	SEA LTD	CALL	
81141R 95 0	SEA LTD	PUT	
811543 10 7	SEABOARD CORP DEL	COM	
811699 10 7 *	SEACHANGE INTL INC	COM	
811699 90 7	SEACHANGE INTL INC	CALL	
811699 95 7	SEACHANGE INTL INC	PUT	
811707 80 1 *	SEACOAST BKG CORP FLA	COM NEW	
811707 90 1	SEACOAST BKG CORP FLA	CALL	
811707 95 1	SEACOAST BKG CORP FLA	PUT	
81181C 10 4 *	SEAGEN INC	COM	
81181C 90 4	SEAGEN INC	CALL	
81181C 95 4	SEAGEN INC	PUT	
811916 10 5 *	SEABRIDGE GOLD INC	COM	
811916 90 5	SEABRIDGE GOLD INC	CALL	
811916 95 5	SEABRIDGE GOLD INC	PUT	
81211K 10 0 *	SEALED AIR CORP NEW	COM	
81211K 90 0	SEALED AIR CORP NEW	CALL	
81211K 95 0	SEALED AIR CORP NEW	PUT	
812204 10 5	SEAPORT CALIBRE MATLS ACQUIS	CLASS A COM	DELETED
812204 11 3	SEAPORT CALIBRE MATLS ACQUIS	*W EXP 10/28/202	DELETED
812204 20 4	SEAPORT CALIBRE MATLS ACQUIS	UNIT 10/28/2026	DELETED
81221H 10 5	SEAPORT GLOBAL ACQUISITION I	CLASS A COM	
81221H 11 3	SEAPORT GLOBAL ACQUISITION I	*W EXP 11/17/202	
81221H 20 4	SEAPORT GLOBAL ACQUISITION I	UNIT 11/17/2026	
81255T 10 8 *	SEASPINE HLDGS CORP	COM	DELETED
81255T 90 8	SEASPINE HLDGS CORP	CALL	DELETED
81255T 95 8	SEASPINE HLDGS CORP	PUT	DELETED
81256L 10 4	SEASTAR MEDICAL HOLDING CORP	COMMON STOCK	
81256L 11 2	SEASTAR MEDICAL HOLDING CORP	*W EXP 10/28/202	
81282V 10 0 *	SEAWORLD ENTMT INC	COM	
81282V 90 0	SEAWORLD ENTMT INC	CALL	
81282V 95 0	SEAWORLD ENTMT INC	PUT	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81367P 20 0 *	SECOO HLDG LTD	SPONSRD ADS NEW	
81367P 90 0	SECOO HLDG LTD	CALL	
81367P 95 0	SECOO HLDG LTD	PUT	
81369Y 10 0 *	SELECT SECTOR SPDR TR	SBI MATERIALS	
81369Y 90 0	SELECT SECTOR SPDR TR	CALL	
81369Y 95 0	SELECT SECTOR SPDR TR	PUT	
81369Y 20 9 *	SELECT SECTOR SPDR TR	SBI HEALTHCARE	
81369Y 90 9	SELECT SECTOR SPDR TR	CALL	
81369Y 95 9	SELECT SECTOR SPDR TR	PUT	
81369Y 30 8 *	SELECT SECTOR SPDR TR	SBI CONS STPLS	
81369Y 90 8	SELECT SECTOR SPDR TR	CALL	
81369Y 95 8	SELECT SECTOR SPDR TR	PUT	
81369Y 40 7 *	SELECT SECTOR SPDR TR	SBI CONS DISCR	
81369Y 90 7	SELECT SECTOR SPDR TR	CALL	
81369Y 95 7	SELECT SECTOR SPDR TR	PUT	
81369Y 50 6 *	SELECT SECTOR SPDR TR	ENERGY	
81369Y 90 6	SELECT SECTOR SPDR TR	CALL	
81369Y 95 6	SELECT SECTOR SPDR TR	PUT	
81369Y 60 5 *	SELECT SECTOR SPDR TR	FINANCIAL	
81369Y 90 5	SELECT SECTOR SPDR TR	CALL	
81369Y 95 5	SELECT SECTOR SPDR TR	PUT	
81369Y 70 4 *	SELECT SECTOR SPDR TR	SBI INT-INDS	
81369Y 90 4	SELECT SECTOR SPDR TR	CALL	
81369Y 95 4	SELECT SECTOR SPDR TR	PUT	
81369Y 80 3 *	SELECT SECTOR SPDR TR	TECHNOLOGY	
81369Y 90 3	SELECT SECTOR SPDR TR	CALL	
81369Y 95 3	SELECT SECTOR SPDR TR	PUT	
81369Y 85 2 *	SELECT SECTOR SPDR TR	COMMUNICATION	
81369Y 90 2	SELECT SECTOR SPDR TR	CALL	
81369Y 95 2	SELECT SECTOR SPDR TR	PUT	
81369Y 86 0 *	SELECT SECTOR SPDR TR	RL EST SEL SEC	
81369Y 90 0	SELECT SECTOR SPDR TR	CALL	
81369Y 95 0	SELECT SECTOR SPDR TR	PUT	
81369Y 88 6 *	SELECT SECTOR SPDR TR	SBI INT-UTILS	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 589

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
81369Y 90 6	SELECT SECTOR SPDR TR	CALL	
81369Y 95 6	SELECT SECTOR SPDR TR	PUT	
81374A 10 5 *	SECUREWORKS CORP	CL A	
81374A 90 5	SECUREWORKS CORP	CALL	
81374A 95 5	SECUREWORKS CORP	PUT	
81386P 10 8	2ND VOTE FDS	2NDVOTE LIFE NEU	
81386P 30 6	2ND VOTE FDS	2ND VOTE SOCIETY	
814785 30 9	SECURITY NATL FINL CORP	CL A NEW	
81577F 10 9 *	SEELOS THERAPEUTICS INC	COM	
81577F 90 9	SEELOS THERAPEUTICS INC	CALL	
81577F 95 9	SEELOS THERAPEUTICS INC	PUT	
81578P 10 6 *	SEER INC	COM CL A	
81578P 90 6	SEER INC	CALL	
81578P 95 6	SEER INC	PUT	
81589A 10 6	SEI EXCHANGE TRADED FUNDS	ENHANCED US LRG	
81589A 20 5	SEI EXCHANGE TRADED FUNDS	ENHANCED US LRG	
81589A 30 4	SEI EXCHANGE TRADED FUNDS	ENHANCED US LRG	
81589A 40 3	SEI EXCHANGE TRADED FUNDS	ENHANCED LOW VOL	
81617J 30 1 *	SELECT ENERGY SVCS INC	CL A COM	
81617J 90 1	SELECT ENERGY SVCS INC	CALL	
81617J 95 1	SELECT ENERGY SVCS INC	PUT	
81619Q 10 5 *	SELECT MED HLDGS CORP	COM	
81619Q 90 5	SELECT MED HLDGS CORP	CALL	
81619Q 95 5	SELECT MED HLDGS CORP	PUT	
816212 10 4 *	SELECTA BIOSCIENCES INC	COM	
816212 90 4	SELECTA BIOSCIENCES INC	CALL	
816212 95 4	SELECTA BIOSCIENCES INC	PUT	
816300 10 7 *	SELECTIVE INS GROUP INC	COM	
816300 90 7	SELECTIVE INS GROUP INC	CALL	
816300 95 7	SELECTIVE INS GROUP INC	PUT	
816307 30 0 *	SELECTQUOTE INC	COM	
816307 90 0	SELECTQUOTE INC	CALL	
816307 95 0	SELECTQUOTE INC	PUT	
81642T 20 9 *	SELLAS LIFE SCIENCES GROUP I	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 590

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81642T 90 9	SELLAS LIFE SCIENCES GROUP I	CALL	
81642T 95 9	SELLAS LIFE SCIENCES GROUP I	PUT	
81663L 10 1 *	GENEDX HOLDINGS CORP	COM CL A	
81663L 90 1	GENEDX HOLDINGS CORP	CALL	
81663L 95 1	GENEDX HOLDINGS CORP	PUT	
81663L 11 9	GENEDX HOLDINGS CORP	*W EXP 07/22/202	
816645 20 4	SEMILED5 CORP	COM NEW	
81684M 10 4	SEMLER SCIENTIFIC INC	COM	
816850 10 1 *	SEMTECH CORP	COM	
816850 90 1	SEMTECH CORP	CALL	
816850 95 1	SEMTECH CORP	PUT	
816851 10 9 *	SEMPRA	COM	
816851 90 9	SEMPRA	CALL	
816851 95 9	SEMPRA	PUT	
81686C 10 4 *	SEMRUSH HLDGS INC	CL A COM	
81686C 90 4	SEMRUSH HLDGS INC	CALL	
81686C 95 4	SEMRUSH HLDGS INC	PUT	
81689T 10 4 *	SENDAS DISTRIBUIDORA S A	SPON ADS	
81689T 90 4	SENDAS DISTRIBUIDORA S A	CALL	
81689T 95 4	SENDAS DISTRIBUIDORA S A	PUT	
817070 10 5	SENECA FOODS CORP NEW	CL B	
817070 50 1	SENECA FOODS CORP NEW	CL A	
81720R 40 6	SENESTECH INC	COM	
817225 20 4	SENMIAO TECHNOLOGY LTD	COM NEW	
81723H 10 8	SENIOR CONNECT ACQUISITN COR	COM CL A	
81723H 11 6	SENIOR CONNECT ACQUISITN COR	*W EXP 12/31/202	
81723H 20 7	SENIOR CONNECT ACQUISITN COR	UNIT 12/09/2023	
81725T 10 0 *	SENSIENT TECHNOLOGIES CORP	COM	
81725T 90 0	SENSIENT TECHNOLOGIES CORP	CALL	
81725T 95 0	SENSIENT TECHNOLOGIES CORP	PUT	
81726A 10 0	SENTI BIOSCIENCES INC	COM	
81727U AA 3	SENSEONICS HLDGS INC	NOTE 5.250% 2/0	DELETED
81727U 10 5 *	SENSEONICS HLDGS INC	COM	
81727U 90 5	SENSEONICS HLDGS INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 591

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
81727U 95 5	SENSEONICS HLDGS INC	PUT	
81728A 10 8	SENSEI BIOTHERAPEUTICS INC	COM	
81728J 10 9 *	SENSUS HEALTHCARE INC	COM	
81728J 90 9	SENSUS HEALTHCARE INC	CALL	
81728J 95 9	SENSUS HEALTHCARE INC	PUT	
81730H 10 9 *	SENTINELONE INC	CL A	
81730H 90 9	SENTINELONE INC	CALL	
81730H 95 9	SENTINELONE INC	PUT	
817323 20 7 *	SEQUANS COMMUNICATIONS S A	SPONSORED ADS	
817323 90 7	SEQUANS COMMUNICATIONS S A	CALL	
817323 95 7	SEQUANS COMMUNICATIONS S A	PUT	
81734C 10 6	SEQLL INC	COM	
81734C 11 4	SEQLL INC	*W EXP 08/31/202	
81749D 10 7	SERA PROGNOSTICS INC	CLASS A COM	
81750R 10 2 *	SERES THERAPEUTICS INC	COM	
81750R 90 2	SERES THERAPEUTICS INC	CALL	
81750R 95 2	SERES THERAPEUTICS INC	PUT	
81752R 10 0 *	SERITAGE GROWTH PPTYS	CL A	
81752R 90 0	SERITAGE GROWTH PPTYS	CALL	
81752R 95 0	SERITAGE GROWTH PPTYS	PUT	
81752T 49 4	SERIES PORTFOLIOS TR	UNUSUAL WHALES	ADDED
81752T 51 0	SERIES PORTFOLIOS TR	UNUSUAL WHLS DEM	ADDED
81752T 52 8	SERIES PORTFOLIOS TR	PANAGRAM BBB B	ADDED
81752T 53 6	SERIES PORTFOLIOS TR	ADAPTIV SELECT	
81752T 54 4	SERIES PORTFOLIOS TR	SUBVERSIVE MNTL	
81752T 55 1	SERIES PORTFOLIOS TR	SUBVERSIVE FOOD	
81752T 56 9	SERIES PORTFOLIOS TR	SUBVERSIVE DECAR	
81752T 57 7	SERIES PORTFOLIOS TR	OPTIMIZE AI SMRT	
81752T 58 5 *	SERIES PORTFOLIOS TR	SUBVERSIVE META	
81752T 90 5	SERIES PORTFOLIOS TR	CALL	
81752T 95 5	SERIES PORTFOLIOS TR	PUT	
81752T 61 9	SERIES PORTFOLIOS TR	INFRACAP EQUITY	
817565 10 4 *	SERVICE CORP INTL	COM	
817565 90 4	SERVICE CORP INTL	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 592

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
817565 95 4	SERVICE CORP INTL	PUT	
81761L 10 2 *	SERVICE PPTYS TR	COM SH BEN INT	
81761L 90 2	SERVICE PPTYS TR	CALL	
81761L 95 2	SERVICE PPTYS TR	PUT	
81762P 10 2 *	SERVICENOW INC	COM	
81762P 90 2	SERVICENOW INC	CALL	
81762P 95 2	SERVICENOW INC	PUT	
81768T 10 8 *	SERVISFIRST BANCSHARES INC	COM	
81768T 90 8	SERVISFIRST BANCSHARES INC	CALL	
81768T 95 8	SERVISFIRST BANCSHARES INC	PUT	
817732 10 0	SERVOTRONICS INC	COM	
817763 10 5 *	SESEN BIO INC	COM	DELETED
817763 90 5	SESEN BIO INC	CALL	DELETED
817763 95 5	SESEN BIO INC	PUT	DELETED
81784E 10 1 *	SEVEN HILLS REALTY TRUST	COM	
81784E 90 1	SEVEN HILLS REALTY TRUST	CALL	
81784E 95 1	SEVEN HILLS REALTY TRUST	PUT	
81786A 10 7	7GC & CO HOLDINGS INC	COM CL A	
81786A 11 5	7GC & CO HOLDINGS INC	*W EXP 12/28/202	
81786A 20 6	7GC & CO HOLDINGS INC	UNIT 12/23/2025	
81807M 20 5 *	17 ED & TECHNOLOGY GROUP INC	ADS	
81807M 90 5	17 ED & TECHNOLOGY GROUP INC	CALL	
81807M 95 5	17 ED & TECHNOLOGY GROUP INC	PUT	
819047 AB 7	SHAKE SHACK INC	NOTE	3/0
819047 10 1 *	SHAKE SHACK INC	CL A	
819047 90 1	SHAKE SHACK INC	CALL	
819047 95 1	SHAKE SHACK INC	PUT	
81947T 10 2 *	SHAPEWAYS HOLDINGS INC	COMMON STOCK	
81947T 90 2	SHAPEWAYS HOLDINGS INC	CALL	
81947T 95 2	SHAPEWAYS HOLDINGS INC	PUT	
81947T 11 0	SHAPEWAYS HOLDINGS INC	*W EXP 09/29/202	
81948W 10 4 *	SHARECARE INC	COM CL A	
81948W 90 4	SHARECARE INC	CALL	
81948W 95 4	SHARECARE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 593

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81948W 11 2	SHARECARE INC	*W EXP 07/01/202	
82003F 10 1	SHARPS TECHNOLOGY INC	COMMON STOCK	
82003F 11 9	SHARPS TECHNOLOGY INC	*W EXP 04/13/202	
82024L 10 3 *	SHATTUCK LABS INC	COM	
82024L 90 3	SHATTUCK LABS INC	CALL	
82024L 95 3	SHATTUCK LABS INC	PUT	
82028K 20 0 *	SHAW COMMUNICATIONS INC	CL B CONV	
82028K 90 0	SHAW COMMUNICATIONS INC	CALL	
82028K 95 0	SHAW COMMUNICATIONS INC	PUT	
82312B 10 6 *	SHENANDOAH TELECOMMUNICATION	COM	
82312B 90 6	SHENANDOAH TELECOMMUNICATION	CALL	
82312B 95 6	SHENANDOAH TELECOMMUNICATION	PUT	
824348 10 6 *	SHERWIN WILLIAMS CO	COM	
824348 90 6	SHERWIN WILLIAMS CO	CALL	
824348 95 6	SHERWIN WILLIAMS CO	PUT	
824430 10 2	SHF HOLDINGS INC	CLASS A COM	
824430 11 0	SHF HOLDINGS INC	*W EXP 09/28/202	
82452J AB 5	SHIFT4 PMTS INC	NOTE 12/1	
82452J AD 1	SHIFT4 PMTS INC	NOTE 0.500% 8/0	
82452J 10 9 *	SHIFT4 PMTS INC	CL A	
82452J 90 9	SHIFT4 PMTS INC	CALL	
82452J 95 9	SHIFT4 PMTS INC	PUT	
82452L 30 2 *	SHIFTPIXY INC	COM NEW	
82452L 90 2	SHIFTPIXY INC	CALL	
82452L 95 2	SHIFTPIXY INC	PUT	
82452T 10 7 *	SHIFT TECHNOLOGIES INC	CL A	DELETED
82452T 90 7	SHIFT TECHNOLOGIES INC	CALL	DELETED
82452T 95 7	SHIFT TECHNOLOGIES INC	PUT	DELETED
82452T 30 5 *	SHIFT TECHNOLOGIES INC	CL A NEW	ADDED
82452T 90 5	SHIFT TECHNOLOGIES INC	CALL	ADDED
82452T 95 5	SHIFT TECHNOLOGIES INC	PUT	ADDED
824567 30 9	SHINECO INC	COM	
824596 10 0	SHINHAN FINANCIAL GROUP CO L	SPN ADR RESTRD	
824689 AG 8	SFL CORPORATION LTD	NOTE 4.875% 5/0	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 594

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
824889 10 9 *	SHOE CARNIVAL INC	COM	
824889 90 9	SHOE CARNIVAL INC	CALL	
824889 95 9	SHOE CARNIVAL INC	PUT	
82489T 10 4 *	SHOCKWAVE MED INC	COM	
82489T 90 4	SHOCKWAVE MED INC	CALL	
82489T 95 4	SHOCKWAVE MED INC	PUT	
82489W 10 7 *	SHOALS TECHNOLOGIES GROUP IN	CL A	
82489W 90 7	SHOALS TECHNOLOGIES GROUP IN	CALL	
82489W 95 7	SHOALS TECHNOLOGIES GROUP IN	PUT	
82509L AA 5	SHOPIFY INC	NOTE 0.125%11/0	
82509L 10 7 *	SHOPIFY INC	CL A	
82509L 90 7	SHOPIFY INC	CALL	
82509L 95 7	SHOPIFY INC	PUT	
825107 10 5 *	SHORE BANCSHARES INC	COM	
825107 90 5	SHORE BANCSHARES INC	CALL	
825107 95 5	SHORE BANCSHARES INC	PUT	
82536T 10 7 *	SHOTSPOTTER INC	COM	
82536T 90 7	SHOTSPOTTER INC	CALL	
82536T 95 7	SHOTSPOTTER INC	PUT	
82537G 10 4	SHOULDERUP TECHNOLOGY ACQUIS	CL A COM	
82537G 11 2	SHOULDERUP TECHNOLOGY ACQUIS	*W EXP 11/17/202	
82537G 20 3	SHOULDERUP TECHNOLOGY ACQUIS	UNIT 99/99/9999	
825690 10 0 *	SHUTTERSTOCK INC	COM	
825690 90 0	SHUTTERSTOCK INC	CALL	
825690 95 0	SHUTTERSTOCK INC	PUT	
825693 20 3	SHUTTLE PHARMACTCLS HLDGS IN	COM	
825698 10 3 *	SHYFT GROUP INC	COM	
825698 90 3	SHYFT GROUP INC	CALL	
825698 95 3	SHYFT GROUP INC	PUT	
825704 10 9 *	SI-BONE INC	COM	
825704 90 9	SI-BONE INC	CALL	
825704 95 9	SI-BONE INC	PUT	
82575P 10 7 *	SIBANYE STILLWATER LTD	SPONSORED ADR	
82575P 90 7	SIBANYE STILLWATER LTD	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 595

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
82575P 95 7	SIBANYE STILLWATER LTD	PUT	
826165 10 2	SIDUS SPACE INC	CLASS A COM	
826176 10 9 *	SIEBERT FINL CORP	COM	
826176 90 9	SIEBERT FINL CORP	CALL	
826176 95 9	SIEBERT FINL CORP	PUT	
82620P 10 2 *	SIERRA BANCORP	COM	
82620P 90 2	SIERRA BANCORP	CALL	
82620P 95 2	SIERRA BANCORP	PUT	
82621J 10 5 *	SIENTRA INC	COM	DELETED
82621J 90 5	SIENTRA INC	CALL	DELETED
82621J 95 5	SIENTRA INC	PUT	DELETED
82621J 20 4 *	SIENTRA INC	COM	ADDED
82621J 90 4	SIENTRA INC	CALL	ADDED
82621J 95 4	SIENTRA INC	PUT	ADDED
826516 10 6 *	SIERRA WIRELESS INC	COM	DELETED
826516 90 6	SIERRA WIRELESS INC	CALL	DELETED
826516 95 6	SIERRA WIRELESS INC	PUT	DELETED
826546 10 3	SIFCO INDS INC	COM	
82655M 10 7 *	SIFY TECHNOLOGIES LTD	SPONSORED ADS	
82655M 90 7	SIFY TECHNOLOGIES LTD	CALL	
82655M 95 7	SIFY TECHNOLOGIES LTD	PUT	
82657L 10 7 *	SIGILON THERAPEUTICS INC	COM	
82657L 90 7	SIGILON THERAPEUTICS INC	CALL	
82657L 95 7	SIGILON THERAPEUTICS INC	PUT	
82657M 10 5 *	SIGHT SCIENCES INC	COM	
82657M 90 5	SIGHT SCIENCES INC	CALL	
82657M 95 5	SIGHT SCIENCES INC	PUT	
826598 50 0 *	SIGMA ADDITIVE SOLUTIONS INC	COM	
826598 90 0	SIGMA ADDITIVE SOLUTIONS INC	CALL	
826598 95 0	SIGMA ADDITIVE SOLUTIONS INC	PUT	
826599 10 2 *	SIGMA LITHIUM CORPORATION	COM	
826599 90 2	SIGMA LITHIUM CORPORATION	CALL	
826599 95 2	SIGMA LITHIUM CORPORATION	PUT	
82661L 10 1	SIGMATRON INTL INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 596

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
82664R 10 5	SIGNAL HILL ACQUISITION CORP	CLASS A COM	
82664R 11 3	SIGNAL HILL ACQUISITION CORP	*W EXP 02/10/202	
82664R 20 4	SIGNAL HILL ACQUISITION CORP	UNIT 02/10/2027	
82669G 10 4 *	SIGNATURE BK NEW YORK N Y	COM	DELETED
82669G 90 4	SIGNATURE BK NEW YORK N Y	CALL	DELETED
82669G 95 4	SIGNATURE BK NEW YORK N Y	PUT	DELETED
82671G 10 0 *	SIGNIFY HEALTH INC	CL A COM	DELETED
82671G 90 0	SIGNIFY HEALTH INC	CALL	DELETED
82671G 95 0	SIGNIFY HEALTH INC	PUT	DELETED
82686Q 10 1	SILENCE THERAPEUTICS PLC	ADS	
826917 10 6 *	SIGA TECHNOLOGIES INC	COM	
826917 90 6	SIGA TECHNOLOGIES INC	CALL	
826917 95 6	SIGA TECHNOLOGIES INC	PUT	
826919 AD 4	SILICON LABORATORIES INC	NOTE 0.625% 6/1	
826919 10 2 *	SILICON LABORATORIES INC	COM	
826919 90 2	SILICON LABORATORIES INC	CALL	
826919 95 2	SILICON LABORATORIES INC	PUT	
827048 10 9 *	SILGAN HLDGS INC	COM	
827048 90 9	SILGAN HLDGS INC	CALL	
827048 95 9	SILGAN HLDGS INC	PUT	
82706C 10 8 *	SILICON MOTION TECHNOLOGY CO	SPONSORED ADR	
82706C 90 8	SILICON MOTION TECHNOLOGY CO	CALL	
82706C 95 8	SILICON MOTION TECHNOLOGY CO	PUT	
82710M 10 0 *	SILK RD MED INC	COM	
82710M 90 0	SILK RD MED INC	CALL	
82710M 95 0	SILK RD MED INC	PUT	
82711P 20 1	SILO PHARMA INC	COM NEW	
828174 10 2	SILVER SPIKE INVESTMENT CORP	COM	
82835P 10 3 *	SILVERCORP METALS INC	COM	
82835P 90 3	SILVERCORP METALS INC	CALL	
82835P 95 3	SILVERCORP METALS INC	PUT	
82835W 10 8 *	ARS PHARMACEUTICALS INC	COM	
82835W 90 8	ARS PHARMACEUTICALS INC	CALL	
82835W 95 8	ARS PHARMACEUTICALS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 597

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
828359 10 9 *	SILVERCREST ASSET MGMT GROUP	CL A	
828359 90 9	SILVERCREST ASSET MGMT GROUP	CALL	
828359 95 9	SILVERCREST ASSET MGMT GROUP	PUT	
82836G 10 2 *	SILVERBOW RES INC	COM	
82836G 90 2	SILVERBOW RES INC	CALL	
82836G 95 2	SILVERBOW RES INC	PUT	
82836N 20 6	SILVERBOX CORP III	UNIT 02/28/2028	ADDED
828363 10 1 *	SILVERCREST METALS INC	COM	
828363 90 1	SILVERCREST METALS INC	CALL	
828363 95 1	SILVERCREST METALS INC	PUT	
82837P 40 8 *	SILVERGATE CAP CORP	CL A	
82837P 90 8	SILVERGATE CAP CORP	CALL	
82837P 95 8	SILVERGATE CAP CORP	PUT	
82846H 20 7	SILVERSUN TECHNOLOGIES INC	COM NEW	
828730 20 0 *	SIMMONS 1ST NATL CORP	CL A \$1 PAR	
828730 90 0	SIMMONS 1ST NATL CORP	CALL	
828730 95 0	SIMMONS 1ST NATL CORP	PUT	
828806 10 9 *	SIMON PPTY GROUP INC NEW	COM	
828806 90 9	SIMON PPTY GROUP INC NEW	CALL	
828806 95 9	SIMON PPTY GROUP INC NEW	PUT	
82889N 10 3	SIMPLIFY EXCHANGE TRADED FUN	US EQT PLS CNVEX	
82889N 20 2 *	SIMPLIFY EXCHANGE TRADED FUN	US EQT PLS DWNSD	
82889N 90 2	SIMPLIFY EXCHANGE TRADED FUN	CALL	
82889N 95 2	SIMPLIFY EXCHANGE TRADED FUN	PUT	
82889N 30 1	SIMPLIFY EXCHANGE TRADED FUN	US EQT PLS UPSID	
82889N 40 0	SIMPLIFY EXCHANGE TRADED FUN	NASDAQ 100 CNVX	
82889N 50 9	SIMPLIFY EXCHANGE TRADED FUN	NASDAQ 100 DS CN	
82889N 56 6	SIMPLIFY EXCHANGE TRADED FUN	COMMODITIES STRA	ADDED
82889N 62 4	SIMPLIFY EXCHANGE TRADED FUN	PROPEL OPPORTUNI	ADDED
82889N 63 2	SIMPLIFY EXCHANGE TRADED FUN	ENHANCED INM ETF	
82889N 64 0	SIMPLIFY EXCHANGE TRADED FUN	STABLE INCM ETF	
82889N 65 7 *	SIMPLIFY EXCHANGE TRADED FUN	SHORT TERM TREA	
82889N 90 7	SIMPLIFY EXCHANGE TRADED FUN	CALL	
82889N 95 7	SIMPLIFY EXCHANGE TRADED FUN	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 598

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
82889N 67 3	SIMPLIFY EXCHANGE TRADED FUN	BITCOIN STRATEGY	
82889N 69 9	SIMPLIFY EXCHANGE TRADED FUN	MANAGED FUTURES	
82889N 71 5	SIMPLIFY EXCHANGE TRADED FUN	MACRO STRATEGY	
82889N 72 3	SIMPLIFY EXCHANGE TRADED FUN	AGGREGATE BOND P	
82889N 73 1	SIMPLIFY EXCHANGE TRADED FUN	CONVEXITY ETF	
82889N 74 9	SIMPLIFY EXCHANGE TRADED FUN	CONVEXITY ETF	
82889N 75 6	SIMPLIFY EXCHANGE TRADED FUN	CONVEXITY ETF	
82889N 76 4 *	SIMPLIFY EXCHANGE TRADED FUN	HEDGED EQUITY	
82889N 90 4	SIMPLIFY EXCHANGE TRADED FUN	CALL	
82889N 95 4	SIMPLIFY EXCHANGE TRADED FUN	PUT	
82889N 77 2	SIMPLIFY EXCHANGE TRADED FUN	HEALTH CARE ETF	
82889N 78 0	SIMPLIFY EXCHANGE TRADED FUN	TAIL RISK STRAT	
82889N 79 8	SIMPLIFY EXCHANGE TRADED FUN	INTMD TERM TRSRY	
82889N 83 0	SIMPLIFY EXCHANGE TRADED FUN	HIGH YIELD PLUS	
82889N 84 8	SIMPLIFY EXCHANGE TRADED FUN	SIMPLIFY US EQT	
82889N 85 5 *	SIMPLIFY EXCHANGE TRADED FUN	SIMPLIFY INTERST	
82889N 90 5	SIMPLIFY EXCHANGE TRADED FUN	CALL	
82889N 95 5	SIMPLIFY EXCHANGE TRADED FUN	PUT	
82889N 86 3	SIMPLIFY EXCHANGE TRADED FUN	VOLATILITY PREM	
82889N 87 1 *	SIMPLIFY EXCHANGE TRADED FUN	VOLT CLOUD CYB	
82889N 90 1	SIMPLIFY EXCHANGE TRADED FUN	CALL	
82889N 95 1	SIMPLIFY EXCHANGE TRADED FUN	PUT	
82889N 88 9 *	SIMPLIFY EXCHANGE TRADED FUN	VOLT ROBOCAR DI	
82889N 90 9	SIMPLIFY EXCHANGE TRADED FUN	CALL	
82889N 95 9	SIMPLIFY EXCHANGE TRADED FUN	PUT	
82900L 10 2 *	SIMPLY GOOD FOODS CO	COM	
82900L 90 2	SIMPLY GOOD FOODS CO	CALL	
82900L 95 2	SIMPLY GOOD FOODS CO	PUT	
829073 10 5 *	SIMPSON MFG INC	COM	
829073 90 5	SIMPSON MFG INC	CALL	
829073 95 5	SIMPSON MFG INC	PUT	
829214 10 5 *	SIMULATIONS PLUS INC	COM	
829214 90 5	SIMULATIONS PLUS INC	CALL	
829214 95 5	SIMULATIONS PLUS INC	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 599

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
829226 10 9 *	SINCLAIR BROADCAST GROUP INC	CL A	
829226 90 9	SINCLAIR BROADCAST GROUP INC	CALL	
829226 95 9	SINCLAIR BROADCAST GROUP INC	PUT	
829322 40 3	SINGING MACH INC	COM	
82933R 10 0 *	SINGULAR GENOMICS SYSTEMS IN	COM	
82933R 90 0	SINGULAR GENOMICS SYSTEMS IN	CALL	
82933R 95 0	SINGULAR GENOMICS SYSTEMS IN	PUT	
82935V 20 8 *	SINGULARITY FUTURE TECH LTD	COM NEW	
82935V 90 8	SINGULARITY FUTURE TECH LTD	CALL	
82935V 95 8	SINGULARITY FUTURE TECH LTD	PUT	
829392 60 4	SINTX TECHNOLOGIES INC	COM	
829399 10 4 *	SIO GENE THERAPIES INC	COM	DELETED
829399 90 4	SIO GENE THERAPIES INC	CALL	DELETED
829399 95 4	SIO GENE THERAPIES INC	PUT	DELETED
829658 20 2 *	SIREN ETF TR	NSD NXGN ECO ETF	
829658 90 2	SIREN ETF TR	CALL	
829658 95 2	SIREN ETF TR	PUT	
829658 30 1	SIREN ETF TR	DIVCN LDRS ETF	
829658 40 0	SIREN ETF TR	DIVCN DIVD ETF	
82968B 10 3 *	SIRIUS XM HOLDINGS INC	COM	
82968B 90 3	SIRIUS XM HOLDINGS INC	CALL	
82968B 95 3	SIRIUS XM HOLDINGS INC	PUT	
82981J 10 9 *	SITE CTRS CORP	COM	
82981J 90 9	SITE CTRS CORP	CALL	
82981J 95 9	SITE CTRS CORP	PUT	
82982L 10 3 *	SITEONE LANDSCAPE SUPPLY INC	COM	
82982L 90 3	SITEONE LANDSCAPE SUPPLY INC	CALL	
82982L 95 3	SITEONE LANDSCAPE SUPPLY INC	PUT	
82982T 10 6 *	SITIME CORP	COM	
82982T 90 6	SITIME CORP	CALL	
82982T 95 6	SITIME CORP	PUT	
82983N 10 8 *	SITIO ROYALTIES CORP	CLASS A COM	
82983N 90 8	SITIO ROYALTIES CORP	CALL	
82983N 95 8	SITIO ROYALTIES CORP	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 600

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
82983N 11 6	SITIO ROYALTIES CORP	*W EXP 08/23/202	
83001A 10 2 *	SIX FLAGS ENTMT CORP NEW	COM	
83001A 90 2	SIX FLAGS ENTMT CORP NEW	CALL	
83001A 95 2	SIX FLAGS ENTMT CORP NEW	PUT	
83012A 10 9 *	SIXTH STREET SPECIALTY LENDI	COM	
83012A 90 9	SIXTH STREET SPECIALTY LENDI	CALL	
83012A 95 9	SIXTH STREET SPECIALTY LENDI	PUT	
83013Q 15 2	SIYATA MOBILE INC	*W EXP 09/24/202	
83013Q 50 9	SIYATA MOBILE INC	COM NEW	
83014E 10 9	SIZZLE ACQUISITION CORP	COMMON STOCK	
83014E 11 7	SIZZLE ACQUISITION CORP	*W EXP 11/02/202	
83014E 20 8	SIZZLE ACQUISITION CORP	UNIT 11/02/2026	
83056P 71 5 *	SKEENA RES LTD NEW	COM	
83056P 90 5	SKEENA RES LTD NEW	CALL	
83056P 95 5	SKEENA RES LTD NEW	PUT	
830566 10 5 *	SKECHERS U S A INC	CL A	
830566 90 5	SKECHERS U S A INC	CALL	
830566 95 5	SKECHERS U S A INC	PUT	
83066P 11 9	SKILLSOFT CORP	*W EXP 06/11/202	
83066P 20 0 *	SKILLSOFT CORP	CL A	
83066P 90 0	SKILLSOFT CORP	CALL	
83066P 95 0	SKILLSOFT CORP	PUT	
83067L 10 9 *	SKILLZ INC	COM	
83067L 90 9	SKILLZ INC	CALL	
83067L 95 9	SKILLZ INC	PUT	
830830 10 5 *	SKYLINE CHAMPION CORPORATION	COM	
830830 90 5	SKYLINE CHAMPION CORPORATION	CALL	
830830 95 5	SKYLINE CHAMPION CORPORATION	PUT	
83085C 10 7	SKY HARBOUR GROUP CORPORATIO	COM CL A	
83085C 11 5	SKY HARBOUR GROUP CORPORATIO	*W EXP 10/21/202	
830879 10 2 *	SKYWEST INC	COM	
830879 90 2	SKYWEST INC	CALL	
830879 95 2	SKYWEST INC	PUT	
83088M 10 2 *	SKYWORKS SOLUTIONS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 601

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
83088M 90 2	SKYWORKS SOLUTIONS INC	CALL	
83088M 95 2	SKYWORKS SOLUTIONS INC	PUT	
83088V AB 8	SLACK TECHNOLOGIES INC	NOTE 0.500% 4/1	
83089J 10 8 *	SKYWATER TECHNOLOGY INC	COM	
83089J 90 8	SKYWATER TECHNOLOGY INC	CALL	
83089J 95 8	SKYWATER TECHNOLOGY INC	PUT	
830940 10 2	SKYWARD SPECIALTY INS GROUP	COM	ADDED
83125X 10 3 *	SLEEP NUMBER CORP	COM	
83125X 90 3	SLEEP NUMBER CORP	CALL	
83125X 95 3	SLEEP NUMBER CORP	PUT	
831445 20 0	CONNEXA SPORTS TECHNOLOGIES	COM NEW	
83175M 20 5 *	SMITH & NEPHEW PLC	SPDN ADR NEW	
83175M 90 5	SMITH & NEPHEW PLC	CALL	
83175M 95 5	SMITH & NEPHEW PLC	PUT	
831754 10 6 *	SMITH & WESSON BRANDS INC	COM	
831754 90 6	SMITH & WESSON BRANDS INC	CALL	
831754 95 6	SMITH & WESSON BRANDS INC	PUT	
831865 20 9 *	SMITH A O CORP	COM	
831865 90 9	SMITH A O CORP	CALL	
831865 95 9	SMITH A O CORP	PUT	
83190L 20 8 *	SMARTFINANCIAL INC	COM NEW	
83190L 90 8	SMARTFINANCIAL INC	CALL	
83190L 95 8	SMARTFINANCIAL INC	PUT	
83191H 10 7 *	SMART SAND INC	COM	
83191H 90 7	SMART SAND INC	CALL	
83191H 95 7	SMART SAND INC	PUT	
83192H 10 6 *	SMILEDIRECTCLUB INC	CL A COM	
83192H 90 6	SMILEDIRECTCLUB INC	CALL	
83192H 95 6	SMILEDIRECTCLUB INC	PUT	
83193E 10 2	SMART SH GLOBAL LTD	ADS	
83193G 10 7 *	SMARTRENT INC	COM CL A	
83193G 90 7	SMARTRENT INC	CALL	
83193G 95 7	SMARTRENT INC	PUT	
83200N 10 3 *	SMARTSHEET INC	COM CL A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 602

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
83200N 90 3	SMARTSHEET INC	CALL	
83200N 95 3	SMARTSHEET INC	PUT	
83204U 10 3	SMART FOR LIFE INC	COMMON STOCK	
83205Y AB 0	SMART GLOBAL HLDGS INC	NOTE 2.250% 2/1	
832154 20 7 *	SMITH MICRO SOFTWARE INC	COM NEW	
832154 90 7	SMITH MICRO SOFTWARE INC	CALL	
832154 95 7	SMITH MICRO SOFTWARE INC	PUT	
832156 10 3	SMITH MIDLAND CORP	COM	
832696 40 5 *	SMUCKER J M CO	COM NEW	
832696 90 5	SMUCKER J M CO	CALL	
832696 95 5	SMUCKER J M CO	PUT	
83301J 10 0	SNAIL INC	CLASS A COM	
83303Y 10 5 *	SNAP ONE HOLDINGS CORP	COM	
83303Y 90 5	SNAP ONE HOLDINGS CORP	CALL	
83303Y 95 5	SNAP ONE HOLDINGS CORP	PUT	
833034 10 1 *	SNAP ON INC	COM	
833034 90 1	SNAP ON INC	CALL	
833034 95 1	SNAP ON INC	PUT	
83304A AB 2	SNAP INC	NOTE 0.750% 8/0	
83304A AD 8	SNAP INC	NOTE 0.250% 5/0	
83304A AF 3	SNAP INC	NOTE 5/0	
83304A AH 9	SNAP INC	NOTE 0.125% 3/0	ADDED
83304A 10 6 *	SNAP INC	CL A	
83304A 90 6	SNAP INC	CALL	
83304A 95 6	SNAP INC	PUT	
83307B 10 1 *	SNDL INC	COM	
83307B 90 1	SNDL INC	CALL	
83307B 95 1	SNDL INC	PUT	
83336J 20 8 *	SNOW LAKE RES LTD	COM	
83336J 90 8	SNOW LAKE RES LTD	CALL	
83336J 95 8	SNOW LAKE RES LTD	PUT	
833445 10 9 *	SNOWFLAKE INC	CL A	
833445 90 9	SNOWFLAKE INC	CALL	
833445 95 9	SNOWFLAKE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 603

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
83356Q 10 8 *	SO YOUNG INTERNATIONAL INC	SPONSORED ADS	
83356Q 90 8	SO YOUNG INTERNATIONAL INC	CALL	
83356Q 95 8	SO YOUNG INTERNATIONAL INC	PUT	
833592 20 7	SOBR SAFE INC	COM NEW	
83363K 10 2 *	SOCIAL LEVERAGE ACQUISN CORP	CL A COM	
83363K 90 2	SOCIAL LEVERAGE ACQUISN CORP	CALL	
83363K 95 2	SOCIAL LEVERAGE ACQUISN CORP	PUT	
83363K 11 0	SOCIAL LEVERAGE ACQUISN CORP	*W EXP 02/17/202	
83363K 20 1	SOCIAL LEVERAGE ACQUISN CORP	UNIT 12/02/2027	
833635 10 5 *	SOCIEDAD QUIMICA Y MINERA DE	SPON ADR SER B	
833635 90 5	SOCIEDAD QUIMICA Y MINERA DE	CALL	
833635 95 5	SOCIEDAD QUIMICA Y MINERA DE	PUT	
83368E 20 0	SOCKET MOBILE INC	COM NEW	
83370P 10 2	SOCIETY PASS INC	COM	
83406F AB 8	SOFI TECHNOLOGIES INC	NOTE	10/1
83406F 10 2 *	SOFI TECHNOLOGIES INC	COM	
83406F 90 2	SOFI TECHNOLOGIES INC	CALL	
83406F 95 2	SOFI TECHNOLOGIES INC	PUT	
83410S 10 8 *	SOHU COM LTD	SPONSORED ADS	
83410S 90 8	SOHU COM LTD	CALL	
83410S 95 8	SOHU COM LTD	PUT	
83413U 10 0 *	SLR INVESTMENT CORP	COM	
83413U 90 0	SLR INVESTMENT CORP	CALL	
83413U 95 0	SLR INVESTMENT CORP	PUT	
83417M AD 6	SOLAREEDGE TECHNOLOGIES INC	NOTE	9/1
83417M 10 4 *	SOLAREEDGE TECHNOLOGIES INC	COM	
83417M 90 4	SOLAREEDGE TECHNOLOGIES INC	CALL	
83417M 95 4	SOLAREEDGE TECHNOLOGIES INC	PUT	
83417Q 20 4 *	SOLARWINDS CORP	COM NEW	
83417Q 90 4	SOLARWINDS CORP	CALL	
83417Q 95 4	SOLARWINDS CORP	PUT	
83418M 10 3 *	SOLARIS OILFIELD INFRASTRUCT	COM CL A	
83418M 90 3	SOLARIS OILFIELD INFRASTRUCT	CALL	
83418M 95 3	SOLARIS OILFIELD INFRASTRUCT	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 604

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
83418T 10 8	CIAN PLC	ADS	DELETED
8342EP 10 7	SOLITARIO ZINC CORP	COM	
834203 30 9	SOLENO THERAPEUTICS INC	COM	
83422E 20 4 *	SOLID BIOSCIENCES INC	COM NEW	
83422E 90 4	SOLID BIOSCIENCES INC	CALL	
83422E 95 4	SOLID BIOSCIENCES INC	PUT	
83422N 10 5 *	SOLID POWER INC	CLASS A COM	
83422N 90 5	SOLID POWER INC	CALL	
83422N 95 5	SOLID POWER INC	PUT	
83422N 11 3	SOLID POWER INC	*W EXP 12/08/202	
834223 30 7	SOLIGENIX INC	COM	DELETED
834223 50 5	SOLIGENIX INC	COM NEW	ADDED
83425V 10 4 *	SOLO BRANDS INC	COM CL A	
83425V 90 4	SOLO BRANDS INC	CALL	
83425V 95 4	SOLO BRANDS INC	PUT	
83444K 10 5 *	SOMALOGIC INC	CLASS A COM	
83444K 90 5	SOMALOGIC INC	CALL	
83444K 95 5	SOMALOGIC INC	PUT	
83444K 11 3	SOMALOGIC INC	*W EXP 08/31/202	
83542D 10 2 *	SONDER HOLDINGS INC	CLASS A COM	
83542D 90 2	SONDER HOLDINGS INC	CALL	
83542D 95 2	SONDER HOLDINGS INC	PUT	
83542D 11 0	SONDER HOLDINGS INC	*W EXP 01/18/202	
835431 10 7	SONENDO INC	COM	
83545G 10 2 *	SONIC AUTOMOTIVE INC	CL A	
83545G 90 2	SONIC AUTOMOTIVE INC	CALL	
83545G 95 2	SONIC AUTOMOTIVE INC	PUT	
83545R 20 7	SONIC FDRY INC	COM NEW	
83548F 20 0	SONIM TECHNOLOGIES INC	COM NEW	
83548R 20 4	SONNET BIOTHERAPEUTC HLDNG I	COM NEW	
835483 10 8	SONO TEK CORP	COM	
835495 10 2 *	SONOCO PRODS CO	COM	
835495 90 2	SONOCO PRODS CO	CALL	
835495 95 2	SONOCO PRODS CO	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 605

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
83558L 20 4	SONOMA PHARMACEUTICALS INC	COM NEW	
835699 30 7 *	SONY GROUP CORPORATION	SPONSORED ADR	
835699 90 7	SONY GROUP CORPORATION	CALL	
835699 95 7	SONY GROUP CORPORATION	PUT	
83570H 10 8 *	SONOS INC	COM	
83570H 90 8	SONOS INC	CALL	
83570H 95 8	SONOS INC	PUT	
83587F 20 2 *	SORRENTO THERAPEUTICS INC	COM NEW	DELETED
83587F 90 2	SORRENTO THERAPEUTICS INC	CALL	DELETED
83587F 95 2	SORRENTO THERAPEUTICS INC	PUT	DELETED
83587W 20 5 *	SOS LIMITED	SPON ADS	
83587W 90 5	SOS LIMITED	CALL	
83587W 95 5	SOS LIMITED	PUT	
83600C 10 3	SOTHERLY HOTELS INC	COM	
83601L 10 2 *	SOTERA HEALTH CO	COM	
83601L 90 2	SOTERA HEALTH CO	CALL	
83601L 95 2	SOTERA HEALTH CO	PUT	
83607A 10 0	SOUND FINL BANCORP INC	COM	
836100 10 7 *	SOUNDHOUND AI INC	CLASS A COM	
836100 90 7	SOUNDHOUND AI INC	CALL	
836100 95 7	SOUNDHOUND AI INC	PUT	
836100 11 5	SOUNDHOUND AI INC	*W EXP 04/26/202	
836144 10 5	SOURCE CAP INC	COM	
838518 10 8 *	SOUTH JERSEY INDS INC	COM	DELETED
838518 90 8	SOUTH JERSEY INDS INC	CALL	DELETED
838518 95 8	SOUTH JERSEY INDS INC	PUT	DELETED
838518 30 6	SOUTH JERSEY INDS INC	UNIT 04/01/2024	DELETED
83946P 10 7	SOUTH PLAINS FINANCIAL INC	COM	
840441 10 9 *	SOUTHSTATE CORPORATION	COM	
840441 90 9	SOUTHSTATE CORPORATION	CALL	
840441 95 9	SOUTHSTATE CORPORATION	PUT	
842587 10 7 *	SOUTHERN CO	COM	
842587 90 7	SOUTHERN CO	CALL	
842587 95 7	SOUTHERN CO	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 606

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
84265V 10 5 *	SOUTHERN COPPER CORP	COM	
84265V 90 5	SOUTHERN COPPER CORP	CALL	
84265V 95 5	SOUTHERN COPPER CORP	PUT	
842873 10 1	SOUTHERN FIRST BANCSHARES	COM	
843380 10 6 *	SOUTHERN MO BANCORP INC	COM	
843380 90 6	SOUTHERN MO BANCORP INC	CALL	
843380 95 6	SOUTHERN MO BANCORP INC	PUT	
843878 30 7	SOUTHERN STS BANCSHARES INC	COM	
84445C 10 0	SOUTHLAND HLDGS INC	COM	ADDED
84445C 11 8	SOUTHLAND HLDGS INC	*W EXP 09/01/202	ADDED
84465L 10 5	SOUTHPORT ACQUISITION CORP	CL A COM	
84465L 11 3	SOUTHPORT ACQUISITION CORP	*W EXP 99/99/999	
84465L 20 4	SOUTHPORT ACQUISITION CORP	UNIT 99/99/9999	
84470P 10 9 *	SOUTHSIDE BANCSHARES INC	COM	
84470P 90 9	SOUTHSIDE BANCSHARES INC	CALL	
84470P 95 9	SOUTHSIDE BANCSHARES INC	PUT	
844741 BG 2	SOUTHWEST AIRLS CO	NOTE 1.250% 5/0	
844741 10 8 *	SOUTHWEST AIRLS CO	COM	
844741 90 8	SOUTHWEST AIRLS CO	CALL	
844741 95 8	SOUTHWEST AIRLS CO	PUT	
844895 10 2 *	SOUTHWEST GAS HLDGS INC	COM	
844895 90 2	SOUTHWEST GAS HLDGS INC	CALL	
844895 95 2	SOUTHWEST GAS HLDGS INC	PUT	
845467 10 9 *	SOUTHWESTERN ENERGY CO	COM	
845467 90 9	SOUTHWESTERN ENERGY CO	CALL	
845467 95 9	SOUTHWESTERN ENERGY CO	PUT	
84612U 10 7 *	SOVOS BRANDS INC	COM	
84612U 90 7	SOVOS BRANDS INC	CALL	
84612U 95 7	SOVOS BRANDS INC	PUT	
846517 10 0 *	SPARK NETWORKS SE	SPONSORED ADS	
846517 90 0	SPARK NETWORKS SE	CALL	
846517 95 0	SPARK NETWORKS SE	PUT	
847215 10 0 *	SPARTANNASH CO	COM	
847215 90 0	SPARTANNASH CO	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 607

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
847215 95 0	SPARTANNASH CO	PUT	
84741T 10 4	SPECIAL OPPORTUNITIES FD INC	COM	
84741T 40 1	SPECIAL OPPORTUNITIES FD INC	2.75% CNV PFD C	
84763A 10 8 *	SPECTRUM PHARMACEUTICALS INC	COM	
84763A 90 8	SPECTRUM PHARMACEUTICALS INC	CALL	
84763A 95 8	SPECTRUM PHARMACEUTICALS INC	PUT	
84790A 10 5 *	SPECTRUM BRANDS HLDGS INC NE	COM	
84790A 90 5	SPECTRUM BRANDS HLDGS INC NE	CALL	
84790A 95 5	SPECTRUM BRANDS HLDGS INC NE	PUT	
84833T 10 3 *	SPERO THERAPEUTICS INC	COM	
84833T 90 3	SPERO THERAPEUTICS INC	CALL	
84833T 95 3	SPERO THERAPEUTICS INC	PUT	
84841L 30 8 *	SPHERE 3D CORP NEW	COM	
84841L 90 8	SPHERE 3D CORP NEW	CALL	
84841L 95 8	SPHERE 3D CORP NEW	PUT	
848560 10 8 *	SPIRE GLOBAL INC	COM CL A	
848560 90 8	SPIRE GLOBAL INC	CALL	
848560 95 8	SPIRE GLOBAL INC	PUT	
848560 11 6	SPIRE GLOBAL INC	*W EXP 08/16/202	DELETED
84857L 10 1 *	SPIRE INC	COM	
84857L 90 1	SPIRE INC	CALL	
84857L 95 1	SPIRE INC	PUT	
848574 10 9 *	SPIRIT AEROSYSTEMS HLDGS INC	COM CL A	
848574 90 9	SPIRIT AEROSYSTEMS HLDGS INC	CALL	
848574 95 9	SPIRIT AEROSYSTEMS HLDGS INC	PUT	
848577 AA 0	SPIRIT AIRLS INC	NOTE 4.750% 5/1	
848577 AB 8	SPIRIT AIRLS INC	NOTE 1.000% 5/1	
848577 10 2 *	SPIRIT AIRLS INC	COM	
848577 90 2	SPIRIT AIRLS INC	CALL	
848577 95 2	SPIRIT AIRLS INC	PUT	
84858T 20 2	SPINNAKER ETF SERIES	UVA UNCONSTRAIND	
84858T 30 1	SPINNAKER ETF SERIES	UVA DIVIDEND VAL	
84858T 40 0 *	SPINNAKER ETF SERIES	CANNABIS ETF	DELETED
84858T 90 0	SPINNAKER ETF SERIES	CALL	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 608

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
84858T 95 0	SPINNAKER ETF SERIES	PUT	DELETED
84858T 50 9	SPINNAKER ETF SERIES	TRAJAN WEALTH	
84860W 30 0 *	SPIRIT RLTY CAP INC NEW	COM NEW	
84860W 90 0	SPIRIT RLTY CAP INC NEW	CALL	
84860W 95 0	SPIRIT RLTY CAP INC NEW	PUT	
84862C 11 2	SPLASH BEVERAGE GROUP INC	*W EXP 06/15/202	
84862C 20 3 *	SPLASH BEVERAGE GROUP INC	COM NEW	
84862C 90 3	SPLASH BEVERAGE GROUP INC	CALL	
84862C 95 3	SPLASH BEVERAGE GROUP INC	PUT	
84863T 10 6 *	SPOK HLDGS INC	COM	
84863T 90 6	SPOK HLDGS INC	CALL	
84863T 95 6	SPOK HLDGS INC	PUT	
848637 AC 8	SPLUNK INC	NOTE 0.500% 9/1	
848637 AD 6	SPLUNK INC	NOTE 1.125% 9/1	
848637 AF 1	SPLUNK INC	NOTE 1.125% 6/1	
848637 10 4 *	SPLUNK INC	COM	
848637 90 4	SPLUNK INC	CALL	
848637 95 4	SPLUNK INC	PUT	
84920Y 10 6 *	SPORTSMANS WHSE HLDGS INC	COM	
84920Y 90 6	SPORTSMANS WHSE HLDGS INC	CALL	
84920Y 95 6	SPORTSMANS WHSE HLDGS INC	PUT	
84921J 10 8	SPORTSMAP TECH ACQUISITIN CO	COM	
84921J 11 6	SPORTSMAP TECH ACQUISITIN CO	*W EXP 09/01/202	
84921J 20 7	SPORTSMAP TECH ACQUISITIN CO	UNIT 09/01/2027	
84921R AB 6	SPOTIFY USA INC	NOTE 3/1	
85021Q 10 8	SPRINGBIG HOLDINGS INC	COMMON STOCK	
85021Q 11 6	SPRINGBIG HOLDINGS INC	*W EXP 06/14/202	
85205L 10 7 *	SPRINGWORKS THERAPEUTICS INC	COM	
85205L 90 7	SPRINGWORKS THERAPEUTICS INC	CALL	
85205L 95 7	SPRINGWORKS THERAPEUTICS INC	PUT	
85205U 10 7	SPRINGWATER SPL SITUATIONS C	COM	
85205U 11 5	SPRINGWATER SPL SITUATIONS C	*W EXP 12/01/202	
85205U 20 6	SPRINGWATER SPL SITUATIONS C	UNIT 12/01/2027	
852066 20 8 *	SPROTT INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 609

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
852066 90 8	SPROTT INC	CALL	
852066 95 8	SPROTT INC	PUT	
85207H 10 4	SPROTT PHYSICAL GOLD TR	UNIT	
85207K 10 7	SPROTT PHYSICAL SILVER TR	TR UNIT	
85207Q 10 4	SPROTT PHYSICAL PLAT PALLAD	UNIT	
85208J 10 9	SPROTT FOCUS TR INC	COM	
85208M 10 2 *	SPROUTS FMRS MKT INC	COM	
85208M 90 2	SPROUTS FMRS MKT INC	CALL	
85208M 95 2	SPROUTS FMRS MKT INC	PUT	
85208P 30 3 *	SPROTT FDS TR	URANIUM MINERS E	
85208P 90 3	SPROTT FDS TR	CALL	
85208P 95 3	SPROTT FDS TR	PUT	
85208P 40 2	SPROTT FDS TR	ENERGY TRANSITIN	ADDED
85208P 50 1	SPROTT FDS TR	JR COPPER MINERS	ADDED
85208P 60 0	SPROTT FDS TR	NICKEL MINERS ET	ADDED
85208P 70 9	SPROTT FDS TR	LITHIUM MINERS	ADDED
85208P 80 8	SPROTT FDS TR	JUNIOR URANIUM	ADDED
85208R 10 1	SPROTT PHYSICAL GOLD & SILVE	TR UNIT	
85208T 10 7 *	SPRINKLR INC	CL A	
85208T 90 7	SPRINKLR INC	CALL	
85208T 95 7	SPRINKLR INC	PUT	
85209E 10 9	SPRUCE BIOSCIENCES INC	COM	
85209W 10 9 *	SPROUT SOCIAL INC	COM CL A	
85209W 90 9	SPROUT SOCIAL INC	CALL	
85209W 95 9	SPROUT SOCIAL INC	PUT	
85210B 10 2 *	SPROTT ETF TRUST	GOLD MINERS ETF	
85210B 90 2	SPROTT ETF TRUST	CALL	
85210B 95 2	SPROTT ETF TRUST	PUT	
85210B 20 1 *	SPROTT ETF TRUST	JR GOLD MINERS E	
85210B 90 1	SPROTT ETF TRUST	CALL	
85210B 95 1	SPROTT ETF TRUST	PUT	
85210H 10 9	SPROTT ESG GOLD ETF	UNITS BEN INT	
852234 AD 5	BLOCK INC	NOTE 0.500% 5/1	
852234 AF 0	BLOCK INC	NOTE 0.125% 3/0	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
852234 AJ 2	BLOCK INC	NOTE 5/0	
852234 AK 9	BLOCK INC	NOTE 0.250%11/0	
852234 10 3 *	BLOCK INC	CL A	
852234 90 3	BLOCK INC	CALL	
852234 95 3	BLOCK INC	PUT	
85225A 10 7 *	SQUARESPACE INC	CLASS A	
85225A 90 7	SQUARESPACE INC	CALL	
85225A 95 7	SQUARESPACE INC	PUT	
852312 30 5 *	STAAR SURGICAL CO	COM PAR \$0.01	
852312 90 5	STAAR SURGICAL CO	CALL	
852312 95 5	STAAR SURGICAL CO	PUT	
85236P 10 1	STABILIS SOLUTIONS INC	COM	
852387 50 5	STAFFING 360 SOLUTIONS INC	COM NEW 2022	
85254J 10 2 *	STAG INDL INC	COM	
85254J 90 2	STAG INDL INC	CALL	
85254J 95 2	STAG INDL INC	PUT	
85256A 10 9 *	STAGWELL INC	COM CL A	
85256A 90 9	STAGWELL INC	CALL	
85256A 95 9	STAGWELL INC	PUT	
853606 10 1 *	STANDARD LITHIUM LTD	COM	
853606 90 1	STANDARD LITHIUM LTD	CALL	
853606 95 1	STANDARD LITHIUM LTD	PUT	
853666 10 5 *	STANDARD MTR PRODS INC	COM	
853666 90 5	STANDARD MTR PRODS INC	CALL	
853666 95 5	STANDARD MTR PRODS INC	PUT	
854231 10 7 *	STANDEX INTL CORP	COM	
854231 90 7	STANDEX INTL CORP	CALL	
854231 95 7	STANDEX INTL CORP	PUT	
854502 10 1 *	STANLEY BLACK & DECKER INC	COM	
854502 90 1	STANLEY BLACK & DECKER INC	CALL	
854502 95 1	STANLEY BLACK & DECKER INC	PUT	
85472N 10 9 *	STANTEC INC	COM	
85472N 90 9	STANTEC INC	CALL	
85472N 95 9	STANTEC INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 611

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
85512C 10 5 *	STAR GROUP L P	UNIT LTD PARTNR	
85512C 90 5	STAR GROUP L P	CALL	
85512C 95 5	STAR GROUP L P	PUT	
85512G 10 6	STAR HLDGS	SHS BEN INT	ADDED
85513Q 10 3	STAR EQUITY HOLDINGS INC	COM	
85521B 74 2	STARBOARD INVT TR	ADAPTIVE ALPHA	
85521B 75 9	STARBOARD INVT TR	RH TACTICAL OUTL	
85521B 76 7	STARBOARD INVT TR	ADAPTIVE HIGH IN	DELETED
85521B 77 5	STARBOARD INVT TR	RH TACTICAL ROT	
85521B 78 3	STARBOARD INVT TR	RH HEDGED MULTI	
85521B 79 1 *	STARBOARD INVT TR	AI QUALITY GROWT	DELETED
85521B 90 1	STARBOARD INVT TR	CALL	DELETED
85521B 95 1	STARBOARD INVT TR	PUT	DELETED
855244 10 9 *	STARBUCKS CORP	COM	
855244 90 9	STARBUCKS CORP	CALL	
855244 95 9	STARBUCKS CORP	PUT	
855668 10 9	STARRETT L S CO	CL A	
85569C 10 7 *	STARTEK INC	COM	
85569C 90 7	STARTEK INC	CALL	
85569C 95 7	STARTEK INC	PUT	
85571B AH 8	STARWOOD PPTY TR INC	NOTE 4.375% 4/0	DELETED
85571B 10 5 *	STARWOOD PPTY TR INC	COM	
85571B 90 5	STARWOOD PPTY TR INC	CALL	
85571B 95 5	STARWOOD PPTY TR INC	PUT	
857477 10 3 *	STATE STR CORP	COM	
857477 90 3	STATE STR CORP	CALL	
857477 95 3	STATE STR CORP	PUT	
857561 10 4 *	STATERA BIOPHARMA INC	COM	DELETED
857561 90 4	STATERA BIOPHARMA INC	CALL	DELETED
857561 95 4	STATERA BIOPHARMA INC	PUT	DELETED
858098 10 6 *	STEEL CONNECT INC	COM	
858098 90 6	STEEL CONNECT INC	CALL	
858098 95 6	STEEL CONNECT INC	PUT	
858119 10 0 *	STEEL DYNAMICS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 612

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
858119 90 0	STEEL DYNAMICS INC	CALL	
858119 95 0	STEEL DYNAMICS INC	PUT	
85814R 10 7	STEEL PARTNERS HLDGS L P	LTD PRTRSHIP U	
858155 20 3 *	STEELCASE INC	CL A	
858155 90 3	STEELCASE INC	CALL	
858155 95 3	STEELCASE INC	PUT	
858568 10 8 *	STELLUS CAP INVT CORP	COM	
858568 90 8	STELLUS CAP INVT CORP	CALL	
858568 95 8	STELLUS CAP INVT CORP	PUT	
858586 10 0 *	STEPAN CO	COM	
858586 90 0	STEPAN CO	CALL	
858586 95 0	STEPAN CO	PUT	
85859N 10 2 *	STEM INC	COM	
85859N 90 2	STEM INC	CALL	
85859N 95 2	STEM INC	PUT	
858912 10 8 *	STERICYCLE INC	COM	
858912 90 8	STERICYCLE INC	CALL	
858912 95 8	STERICYCLE INC	PUT	
858927 10 6 *	STELLAR BANCORP INC	COM	
858927 90 6	STELLAR BANCORP INC	CALL	
858927 95 6	STELLAR BANCORP INC	PUT	
85914M 10 7 *	STEPSTONE GROUP INC	COM CL A	
85914M 90 7	STEPSTONE GROUP INC	CALL	
85914M 95 7	STEPSTONE GROUP INC	PUT	
85916J 40 9 *	STEREOTAXIS INC	COM NEW	
85916J 90 9	STEREOTAXIS INC	CALL	
85916J 95 9	STEREOTAXIS INC	PUT	
85917T 10 9 *	STERLING CHECK CORP	COM	
85917T 90 9	STERLING CHECK CORP	CALL	
85917T 95 9	STERLING CHECK CORP	PUT	
85917W 10 2	STERLING BANCORP INC	COM	
859241 10 1 *	STERLING INFRASTRUCTURE INC	COM	
859241 90 1	STERLING INFRASTRUCTURE INC	CALL	
859241 95 1	STERLING INFRASTRUCTURE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 613

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
860372 10 1 *	STEWART INFORMATION SVCS COR	COM	
860372 90 1	STEWART INFORMATION SVCS COR	CALL	
860372 95 1	STEWART INFORMATION SVCS COR	PUT	
860630 10 2 *	STIFEL FINL CORP	COM	
860630 90 2	STIFEL FINL CORP	CALL	
860630 95 2	STIFEL FINL CORP	PUT	
860897 10 7 *	STITCH FIX INC	COM CL A	
860897 90 7	STITCH FIX INC	CALL	
860897 95 7	STITCH FIX INC	PUT	
861012 10 2 *	STMICROELECTRONICS N V	NY REGISTRY	
861012 90 2	STMICROELECTRONICS N V	CALL	
861012 95 2	STMICROELECTRONICS N V	PUT	
861025 10 4	STOCK YDS BANCORP INC	COM	
86150R 10 7 *	STOKE THERAPEUTICS INC	COM	
86150R 90 7	STOKE THERAPEUTICS INC	CALL	
86150R 95 7	STOKE THERAPEUTICS INC	PUT	
86164T 10 7	VIRTUS STONE HBR EMRG MKTS I	COM	
86164W 10 0	VIRTUS STONE HBR EMG MKTS TO	COM	
861780 10 4 *	ARROWMARK FINANCIAL CORP	COM	
861780 90 4	ARROWMARK FINANCIAL CORP	CALL	
861780 95 4	ARROWMARK FINANCIAL CORP	PUT	
86183P 10 2 *	STONERIDGE INC	COM	
86183P 90 2	STONERIDGE INC	CALL	
86183P 95 2	STONERIDGE INC	PUT	
861896 10 8 *	STONEX GROUP INC	COM	
861896 90 8	STONEX GROUP INC	CALL	
861896 95 8	STONEX GROUP INC	PUT	
862121 10 0 *	STORE CAP CORP	COM	DELETED
862121 90 0	STORE CAP CORP	CALL	DELETED
862121 95 0	STORE CAP CORP	PUT	DELETED
86260J 10 2	STRAN & COMPANY INC	COMMON STOCK	
86260J 11 0	STRAN & COMPANY INC	*W EXP 11/01/202	
86272A 20 6	STRATA SKIN SCIENCES INC	COM NEW	
86272C 10 3 *	STRATEGIC ED INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 614

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
86272C 90 3	STRATEGIC ED INC	CALL	
86272C 95 3	STRATEGIC ED INC	PUT	
86280R 50 6 *	STRATEGY SHS	NS 7HANDL IDX	
86280R 90 6	STRATEGY SHS	CALL	
86280R 95 6	STRATEGY SHS	PUT	
86280R 80 3 *	STRATEGY SHS	DAY HAGAN NED	
86280R 90 3	STRATEGY SHS	CALL	
86280R 95 3	STRATEGY SHS	PUT	
86280R 82 9	STRATEGY SHS	DAY HAGAN NED DA	
86280R 83 7 *	STRATEGY SHS	HALT CLIMATE CHN	
86280R 90 7	STRATEGY SHS	CALL	
86280R 95 7	STRATEGY SHS	PUT	
86280R 85 2	STRATEGY SHS	NASDAQ 5HANDL	
86280R 86 0	STRATEGY SHS	DAY HAGAN NED	
86280R 87 8 *	STRATEGY SHS	GOLD HDGD BD ETF	
86280R 90 8	STRATEGY SHS	CALL	
86280R 95 8	STRATEGY SHS	PUT	
86280R 88 6	STRATEGY SHS	NEWFOUND RESLV	
86309R 10 7	STRATIM CLOUD ACQUISITION CO	CLASS A COM	
86309R 11 5	STRATIM CLOUD ACQUISITION CO	*W EXP 03/05/202	
86309R 20 6	STRATIM CLOUD ACQUISITION CO	UNIT 03/05/2026	
863111 10 0	STRATTEC SEC CORP	COM	
863167 20 1	STRATUS PPTYS INC	COM NEW	
863182 10 1	STRAWBERRY FIELDS REIT INC	COM	ADDED
86323X 10 6	STREAMLINE HEALTH SOLUTIONS	COM	
86333M AA 6	STRIDE INC	NOTE 1.125% 9/0	
86333M 10 8 *	STRIDE INC	COM	
86333M 90 8	STRIDE INC	CALL	
86333M 95 8	STRIDE INC	PUT	
86337R 10 3 *	STRONGHOLD DIGITAL MINING IN	CLASS A COM	
86337R 90 3	STRONGHOLD DIGITAL MINING IN	CALL	
86337R 95 3	STRONGHOLD DIGITAL MINING IN	PUT	
86366E 10 6	STRUCTURE THERAPEUTICS INC	SPONSORED ADS	ADDED
863667 10 1 *	STRYKER CORPORATION	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 615

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
863667 90 1	STRYKER CORPORATION	CALL	
863667 95 1	STRYKER CORPORATION	PUT	
863685 10 3	STRYVE FOODS INC	CLASS A COM	
863685 11 1	STRYVE FOODS INC	*W EXP 07/31/202	
86389T 10 6	STUDIO CITY INTL HLDGS LTD	SPON ADS	
864159 10 8 *	STURM RUGER & CO INC	COM	
864159 90 8	STURM RUGER & CO INC	CALL	
864159 95 8	STURM RUGER & CO INC	PUT	
864482 10 4 *	SUBURBAN PROPANE PARTNERS L	UNIT LTD PARTN	
864482 90 4	SUBURBAN PROPANE PARTNERS L	CALL	
864482 95 4	SUBURBAN PROPANE PARTNERS L	PUT	
86562M 20 9 *	SUMITOMO MITSUI FINL GROUP I	SPONSORED ADR	
86562M 90 9	SUMITOMO MITSUI FINL GROUP I	CALL	
86562M 95 9	SUMITOMO MITSUI FINL GROUP I	PUT	
86606G 10 1 *	SUMMIT FINL GROUP INC	COM	
86606G 90 1	SUMMIT FINL GROUP INC	CALL	
86606G 95 1	SUMMIT FINL GROUP INC	PUT	
866082 AA 8	SUMMIT HOTEL PPTYS	NOTE 1.500% 2/1	
866082 10 0 *	SUMMIT HOTEL PPTYS INC	COM	
866082 90 0	SUMMIT HOTEL PPTYS INC	CALL	
866082 95 0	SUMMIT HOTEL PPTYS INC	PUT	
86614U 10 0 *	SUMMIT MATLS INC	CL A	
86614U 90 0	SUMMIT MATLS INC	CALL	
86614U 95 0	SUMMIT MATLS INC	PUT	
866142 40 9 *	SUMMIT MIDSTREAM PARTNERS LP	COM UNIT LTD	
866142 90 9	SUMMIT MIDSTREAM PARTNERS LP	CALL	
866142 95 9	SUMMIT MIDSTREAM PARTNERS LP	PUT	
866264 20 3	SUMMIT ST BK SANTA ROSA CALI	COM	
86627T 10 8 *	SUMMIT THERAPEUTICS INC	COM	
86627T 90 8	SUMMIT THERAPEUTICS INC	CALL	
86627T 95 8	SUMMIT THERAPEUTICS INC	PUT	
86633R 20 3 *	WISA TECHNOLOGIES INC	COM NEW	DELETED
86633R 90 3	WISA TECHNOLOGIES INC	CALL	DELETED
86633R 95 3	WISA TECHNOLOGIES INC	PUT	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 616

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
86633R 30 2 *	WISA TECHNOLOGIES INC	COM NEW	ADDED
86633R 90 2	WISA TECHNOLOGIES INC	CALL	ADDED
86633R 95 2	WISA TECHNOLOGIES INC	PUT	ADDED
86646P 10 3 *	SUMO LOGIC INC	COM	
86646P 90 3	SUMO LOGIC INC	CALL	
86646P 95 3	SUMO LOGIC INC	PUT	
866674 10 4 *	SUN CMNTYS INC	COM	
866674 90 4	SUN CMNTYS INC	CALL	
866674 95 4	SUN CMNTYS INC	PUT	
866683 10 5 *	SUN CTRY AIRLS HLDGS INC	COM	
866683 90 5	SUN CTRY AIRLS HLDGS INC	CALL	
866683 95 5	SUN CTRY AIRLS HLDGS INC	PUT	
866796 10 5 *	SUN LIFE FINANCIAL INC.	COM	
866796 90 5	SUN LIFE FINANCIAL INC.	CALL	
866796 95 5	SUN LIFE FINANCIAL INC.	PUT	
86722A 10 3 *	SUNCOKE ENERGY INC	COM	
86722A 90 3	SUNCOKE ENERGY INC	CALL	
86722A 95 3	SUNCOKE ENERGY INC	PUT	
867224 10 7 *	SUNCOR ENERGY INC NEW	COM	
867224 90 7	SUNCOR ENERGY INC NEW	CALL	
867224 95 7	SUNCOR ENERGY INC NEW	PUT	
86737U 10 2	SUNLINK HEALTH SYS INC	COM	
86738J 10 6 *	SUNLIGHT FINANCIAL HOLDINGS	COM	
86738J 90 6	SUNLIGHT FINANCIAL HOLDINGS	CALL	
86738J 95 6	SUNLIGHT FINANCIAL HOLDINGS	PUT	
86738J 11 4	SUNLIGHT FINANCIAL HOLDINGS	*W EXP 07/09/202	
86740P 20 7	SUNLANDS TECHNOLOGY GROUP	SPONSRD ADS NEW	
86745K AF 1	SUNNOVA ENERGY INTL INC.	NOTE 0.250%12/0	
86745K 10 4 *	SUNNOVA ENERGY INTL INC.	COM	
86745K 90 4	SUNNOVA ENERGY INTL INC.	CALL	
86745K 95 4	SUNNOVA ENERGY INTL INC.	PUT	
8676EP 10 8 *	SUNOPTA INC	COM	
8676EP 90 8	SUNOPTA INC	CALL	
8676EP 95 8	SUNOPTA INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 617

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
86765K 10 9 *	SUNOCO LP/SUNOCO FIN CORP	COM UT REP LP	
86765K 90 9	SUNOCO LP/SUNOCO FIN CORP	CALL	
86765K 95 9	SUNOCO LP/SUNOCO FIN CORP	PUT	
867652 AL 3	SUNPOWER CORP	DBCW 4.000% 1/1	DELETED
867652 40 6 *	SUNPOWER CORP	COM	
867652 90 6	SUNPOWER CORP	CALL	
867652 95 6	SUNPOWER CORP	PUT	
86771W AB 1	SUNRUN INC	NOTE 2/0	
86771W 10 5 *	SUNRUN INC	COM	
86771W 90 5	SUNRUN INC	CALL	
86771W 95 5	SUNRUN INC	PUT	
867781 40 3	SUNSHINE BIOPHARMA INC	COM NEW	
867781 50 2	SUNSHINE BIOPHARMA INC	*W EXP 02/15/202	
867892 10 1 *	SUNSTONE HOTEL INVS INC NEW	COM	
867892 90 1	SUNSTONE HOTEL INVS INC NEW	CALL	
867892 95 1	SUNSTONE HOTEL INVS INC NEW	PUT	
86800U 10 4 *	SUPER MICRO COMPUTER INC	COM	
86800U 90 4	SUPER MICRO COMPUTER INC	CALL	
86800U 95 4	SUPER MICRO COMPUTER INC	PUT	
86803X 20 4 *	SUNWORKS INC	COM NEW	
86803X 90 4	SUNWORKS INC	CALL	
86803X 95 4	SUNWORKS INC	PUT	
86804F 20 2 *	SUPER LEAGUE GAMING INC	COM	
86804F 90 2	SUPER LEAGUE GAMING INC	CALL	
86804F 95 2	SUPER LEAGUE GAMING INC	PUT	
868153 10 7	SUPERIOR DRILLING PRODS INC	COM	
868168 10 5 *	SUPERIOR INDS INTL INC	COM	
868168 90 5	SUPERIOR INDS INTL INC	CALL	
868168 95 5	SUPERIOR INDS INTL INC	PUT	
868358 10 2 *	SUPERIOR GROUP OF CO INC	COM	
868358 90 2	SUPERIOR GROUP OF CO INC	CALL	
868358 95 2	SUPERIOR GROUP OF CO INC	PUT	
868459 AD 0	SUPERNUS PHARMACEUTICALS	NOTE 0.625% 4/0	
868459 10 8 *	SUPERNUS PHARMACEUTICALS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 618

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
868459 90 8	SUPERMUS PHARMACEUTICALS INC	CALL	
868459 95 8	SUPERMUS PHARMACEUTICALS INC	PUT	
86877M 20 9 *	SURFACE ONCOLOGY INC	COM	
86877M 90 9	SURFACE ONCOLOGY INC	CALL	
86877M 95 9	SURFACE ONCOLOGY INC	PUT	
86881A 10 0 *	SURGERY PARTNERS INC	COM	
86881A 90 0	SURGERY PARTNERS INC	CALL	
86881A 95 0	SURGERY PARTNERS INC	PUT	
86882C 20 4	SURGALIGN HOLDINGS INC	COM NEW	
86882L 11 3	SURGEPAYS INC	*W EXP 10/22/202	
86882L 20 4 *	SURGEPAYS INC	COM NEW	
86882L 90 4	SURGEPAYS INC	CALL	
86882L 95 4	SURGEPAYS INC	PUT	
86887P 11 9	CEA INDUSTRIES INC	*W EXP 02/11/202	
86887P 20 0	CEA INDUSTRIES INC	COM NEW	
86887Q 10 9 *	SURO CAPITAL CORP	COM NEW	
86887Q 90 9	SURO CAPITAL CORP	CALL	
86887Q 95 9	SURO CAPITAL CORP	PUT	
868873 10 0 *	SURMODICS INC	COM	
868873 90 0	SURMODICS INC	CALL	
868873 95 0	SURMODICS INC	PUT	
86889P 10 9	SURROZEN INC	COM	
86889P 11 7	SURROZEN INC	*W EXP 08/01/203	
86934L 10 3	SUSTAINABLE DEVELP ACQU I CO	COM CL A	
86934L 11 1	SUSTAINABLE DEVELP ACQU I CO	*W EXP 02/04/202	
86934L 20 2	SUSTAINABLE DEVELP ACQU I CO	UNIT 02/04/2026	
869367 10 2 *	SUTRO BIOPHARMA INC	COM	
869367 90 2	SUTRO BIOPHARMA INC	CALL	
869367 95 2	SUTRO BIOPHARMA INC	PUT	
86959K 10 5	SUZANO S A	SPON ADS	
870297 19 9	SWEDISH EXPT CR CORP	BIOFUELS TTL RTN	DELETED
870297 21 5	SWEDISH EXPT CR CORP	NT LKD 23	DELETED
87043Q 10 8 *	SWEETGREEN INC	COM CL A	
87043Q 90 8	SWEETGREEN INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 619

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
87043Q 95 8	SWEETGREEN INC	PUT	
870875 10 1	SWISS HELVETIA FD INC	COM	
871241 10 5	SYLA TECHNOLOGIES CO LTD	ADS	ADDED
871332 10 2 *	SYLVAMO CORP	COMMON STOCK	
871332 90 2	SYLVAMO CORP	CALL	
871332 95 2	SYLVAMO CORP	PUT	
87151X 10 1 *	SYMBOTIC INC	CLASS A COM	
87151X 90 1	SYMBOTIC INC	CALL	
87151X 95 1	SYMBOTIC INC	PUT	
871565 10 7 *	ASCENT INDUSTRIES CO	COM	
871565 90 7	ASCENT INDUSTRIES CO	CALL	
871565 95 7	ASCENT INDUSTRIES CO	PUT	
87157B 10 3 *	SYNCHRONOSS TECHNOLOGIES INC	COM	
87157B 90 3	SYNCHRONOSS TECHNOLOGIES INC	CALL	
87157B 95 3	SYNCHRONOSS TECHNOLOGIES INC	PUT	
87157D 10 9 *	SYNAPTICS INC	COM	
87157D 90 9	SYNAPTICS INC	CALL	
87157D 95 9	SYNAPTICS INC	PUT	
871607 10 7 *	SYNOPSIS INC	COM	
871607 90 7	SYNOPSIS INC	CALL	
871607 95 7	SYNOPSIS INC	PUT	
87161C 50 1 *	SYNOVUS FINL CORP	COM NEW	
87161C 90 1	SYNOVUS FINL CORP	CALL	
87161C 95 1	SYNOVUS FINL CORP	PUT	
87162W 10 0 *	TD SYNEX CORPORATION	COM	
87162W 90 0	TD SYNEX CORPORATION	CALL	
87162W 95 0	TD SYNEX CORPORATION	PUT	
87164F 10 5 *	SYNDAX PHARMACEUTICALS INC	COM	
87164F 90 5	SYNDAX PHARMACEUTICALS INC	CALL	
87164F 95 5	SYNDAX PHARMACEUTICALS INC	PUT	
87164U 40 9	THERIVA BIOLOGICS INC	COM NEW	
87165B 10 3 *	SYNCHRONY FINANCIAL	COM	
87165B 90 3	SYNCHRONY FINANCIAL	CALL	
87165B 95 3	SYNCHRONY FINANCIAL	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 620

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
871655 10 6 *	SYPRIS SOLUTIONS INC	COM	
871655 90 6	SYPRIS SOLUTIONS INC	CALL	
871655 95 6	SYPRIS SOLUTIONS INC	PUT	
87166B 10 2 *	SYNEOS HEALTH INC	CL A	
87166B 90 2	SYNEOS HEALTH INC	CALL	
87166B 95 2	SYNEOS HEALTH INC	PUT	
87166L 10 0 *	SYNLOGIC INC	COM	
87166L 90 0	SYNLOGIC INC	CALL	
87166L 95 0	SYNLOGIC INC	PUT	
87166N 10 6	SYNTAX ETF TR	STRATIFD LRG CAP	
87166N 20 5	SYNTAX ETF TR	STRATIFIE MDCP	
87166N 30 4	SYNTAX ETF TR	STRATIFIED SMCP	
87166N 40 3	SYNTAX ETF TR	STRATIFIED US TT	
87166N 50 2	SYNTAX ETF TR	STRATIFIED US TT	
87166N 70 0	SYNTAX ETF TR	STRATIFIED TTL	
87167T 20 1	SYNAPTOGENIX INC	COM NEW	
871829 10 7 *	SYSCO CORP	COM	
871829 90 7	SYSCO CORP	CALL	
871829 95 7	SYSCO CORP	PUT	
87184Q 20 6 *	SYROS PHARMACEUTICALS INC	COM NEW	
87184Q 90 6	SYROS PHARMACEUTICALS INC	CALL	
87184Q 95 6	SYROS PHARMACEUTICALS INC	PUT	
87190U 10 0 *	TDCX INC	ADS	
87190U 90 0	TDCX INC	CALL	
87190U 95 0	TDCX INC	PUT	
87200P 10 9 *	SYSTEM1 INC	CL A COM	
87200P 90 9	SYSTEM1 INC	CALL	
87200P 95 9	SYSTEM1 INC	PUT	
87200P 11 7	SYSTEM1 INC	*W EXP 99/99/999	
87224V 10 8	TC BANCSHARES INC	COM	
872280 10 2 *	CARLYLE SECURED LENDING INC	COM	
872280 90 2	CARLYLE SECURED LENDING INC	CALL	
872280 95 2	CARLYLE SECURED LENDING INC	PUT	
872340 10 4	TCW STRATEGIC INCOME FD INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 621

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
872381 10 8 *	TELA BIO INC	COM	
872381 90 8	TELA BIO INC	CALL	
872381 95 8	TELA BIO INC	PUT	
872386 10 7	TESSCO TECHNOLOGIES INC	COM	
87240R 10 7 *	TFS FINL CORP	COM	
87240R 90 7	TFS FINL CORP	CALL	
87240R 95 7	TFS FINL CORP	PUT	
87241J 10 4 *	TFF PHARMACEUTICALS INC	COM	
87241J 90 4	TFF PHARMACEUTICALS INC	CALL	
87241J 95 4	TFF PHARMACEUTICALS INC	PUT	
87241L 10 9 *	TFI INTL INC	COM	
87241L 90 9	TFI INTL INC	CALL	
87241L 95 9	TFI INTL INC	PUT	
87250W 20 2	TD HLDGS INC	COM NEW	
87251T 10 9	TG VENTURE ACQUISITION CORP	CLASS A COM	
87251T 11 7	TG VENTURE ACQUISITION CORP	*W EXP 08/15/202	
87251T 20 8	TG VENTURE ACQUISITION CORP	UNIT 08/15/2028	
872540 10 9 *	TJX COS INC NEW	COM	
872540 90 9	TJX COS INC NEW	CALL	
872540 95 9	TJX COS INC NEW	PUT	
87257M 10 8	TLG ACQUISITION ONE CORP	COM CL A	
87257M 20 7	TLG ACQUISITION ONE CORP	UNIT 99/99/9999	
872590 10 4 *	T-MOBILE US INC	COM	
872590 90 4	T-MOBILE US INC	CALL	
872590 95 4	T-MOBILE US INC	PUT	
87261Y 10 6 *	TMC THE METALS COMPANY INC	COM	
87261Y 90 6	TMC THE METALS COMPANY INC	CALL	
87261Y 95 6	TMC THE METALS COMPANY INC	PUT	
87261Y 11 4	TMC THE METALS COMPANY INC	*W EXP 09/09/202	
87265H 10 9 *	TRI POINTE HOMES INC	COM	
87265H 90 9	TRI POINTE HOMES INC	CALL	
87265H 95 9	TRI POINTE HOMES INC	PUT	
872657 10 1 *	TPG INC	COM CL A	
872657 90 1	TPG INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 622

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
872657 95 1	TPG INC	PUT	
87266J 10 4 *	TPI COMPOSITES INC	COM	
87266J 90 4	TPI COMPOSITES INC	CALL	
87266J 95 4	TPI COMPOSITES INC	PUT	
87266M 10 7 *	TPG RE FIN TR INC	COM	
87266M 90 7	TPG RE FIN TR INC	CALL	
87266M 95 7	TPG RE FIN TR INC	PUT	
87283P 10 9 *	TRX GOLD CORPORATION	COM	
87283P 90 9	TRX GOLD CORPORATION	CALL	
87283P 95 9	TRX GOLD CORPORATION	PUT	
87283Q 10 7	T ROWE PRICE ETF INC	PRICE BLUE CHIP	
87283Q 20 6	T ROWE PRICE ETF INC	PRICE EQT INCOME	
87283Q 30 5	T ROWE PRICE ETF INC	PRICE GRW STOCK	
87283Q 40 4	T ROWE PRICE ETF INC	PRICE DIV GRWT	
87283Q 50 3	T ROWE PRICE ETF INC	US EQUITY RESEAR	
87283Q 60 2	T ROWE PRICE ETF INC	QM US BOND ETF	
87283Q 70 1	T ROWE PRICE ETF INC	ULTRA SHRT TRM	
87283Q 80 0	T ROWE PRICE ETF INC	TOTAL RETURN ETF	
87283Q 87 5	T ROWE PRICE ETF INC	US HIGH YIELD	
87283Q 88 3	T ROWE PRICE ETF INC	FLOATING RATE	
872885 20 7	TSR INC	COM	
873048 30 0	T STAMP INC	CL A NEW	DELETED
873048 40 9	T STAMP INC	CL A NEW	ADDED
87305R 10 9 *	TTM TECHNOLOGIES INC	COM	
87305R 90 9	TTM TECHNOLOGIES INC	CALL	
87305R 95 9	TTM TECHNOLOGIES INC	PUT	
87313P 10 3	TXO ENERGY PARTNERS LP	COM UNIT	ADDED
873379 AA 9	TABULA RASA HEALTHCARE INC	NOTE 1.75% 2/1	
873379 10 1 *	TABULA RASA HEALTHCARE INC	COM	
873379 90 1	TABULA RASA HEALTHCARE INC	CALL	
873379 95 1	TABULA RASA HEALTHCARE INC	PUT	
87357P 10 0 *	TACTILE SYS TECHNOLOGY INC	COM	
87357P 90 0	TACTILE SYS TECHNOLOGY INC	CALL	
87357P 95 0	TACTILE SYS TECHNOLOGY INC	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 623

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
874028 10 3	TAITRON COMPONENTS INC	CL A	
87403Q 10 2 *	TAILWIND ACQUISITION CORP	COM CL A	DELETED
87403Q 90 2	TAILWIND ACQUISITION CORP	CALL	DELETED
87403Q 95 2	TAILWIND ACQUISITION CORP	PUT	DELETED
87403Q 11 0	TAILWIND ACQUISITION CORP	*W EXP 09/07/202	DELETED
87403Q 20 1	TAILWIND ACQUISITION CORP	UNIT 09/07/2027	DELETED
874036 10 6	TAIWAN FD INC	COM	
874039 10 0 *	TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	
874039 90 0	TAIWAN SEMICONDUCTOR MFG LTD	CALL	
874039 95 0	TAIWAN SEMICONDUCTOR MFG LTD	PUT	
874054 10 9 *	TAKE-TWO INTERACTIVE SOFTWARE	COM	
874054 90 9	TAKE-TWO INTERACTIVE SOFTWARE	CALL	
874054 95 9	TAKE-TWO INTERACTIVE SOFTWARE	PUT	
874060 20 5 *	TAKEDA PHARMACEUTICAL CO LTD	SPONSORED ADS	
874060 90 5	TAKEDA PHARMACEUTICAL CO LTD	CALL	
874060 95 5	TAKEDA PHARMACEUTICAL CO LTD	PUT	
87407Q 20 7 *	TAKUNG ART LTD	COM NEW	
87407Q 90 7	TAKUNG ART LTD	CALL	
87407Q 95 7	TAKUNG ART LTD	PUT	
874080 10 4 *	TAL EDUCATION GROUP	SPONSORED ADS	
874080 90 4	TAL EDUCATION GROUP	CALL	
874080 95 4	TAL EDUCATION GROUP	PUT	
87410C 10 4	TALARIS THERAPEUTICS INC	COM	
87424L 10 8 *	TALIS BIOMEDICAL CORP	COM	
87424L 90 8	TALIS BIOMEDICAL CORP	CALL	
87424L 95 8	TALIS BIOMEDICAL CORP	PUT	
87427V 10 3 *	TALKSPACE INC	COM	
87427V 90 3	TALKSPACE INC	CALL	
87427V 95 3	TALKSPACE INC	PUT	
87427V 11 1	TALKSPACE INC	*W EXP 06/21/202	
87484T 10 8 *	TALOS ENERGY INC	COM	
87484T 90 8	TALOS ENERGY INC	CALL	
87484T 95 8	TALOS ENERGY INC	PUT	
875372 20 3 *	TANDEM DIABETES CARE INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 624

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
875372 90 3	TANDEM DIABETES CARE INC	CALL	
875372 95 3	TANDEM DIABETES CARE INC	PUT	
87538X 10 5	TANDY LEATHER FACTORY INC	COM	
875465 10 6 *	TANGER FACTORY OUTLET CTRS I	COM	
875465 90 6	TANGER FACTORY OUTLET CTRS I	CALL	
875465 95 6	TANGER FACTORY OUTLET CTRS I	PUT	
87583X 10 9	TANGO THERAPEUTICS INC	COM	
876030 10 7 *	TAPESTRY INC	COM	
876030 90 7	TAPESTRY INC	CALL	
876030 95 7	TAPESTRY INC	PUT	
876108 20 0	TARENA INTL INC	SPONSORED ADS	
87612E 10 6 *	TARGET CORP	COM	
87612E 90 6	TARGET CORP	CALL	
87612E 95 6	TARGET CORP	PUT	
87612G 10 1 *	TARGA RES CORP	COM	
87612G 90 1	TARGA RES CORP	CALL	
87612G 95 1	TARGA RES CORP	PUT	
87615L 10 7 *	TARGET HOSPITALITY CORP	COM	
87615L 90 7	TARGET HOSPITALITY CORP	CALL	
87615L 95 7	TARGET HOSPITALITY CORP	PUT	
87615L 11 5	TARGET HOSPITALITY CORP	*W EXP 03/15/202	
87650L 10 3 *	TARSUS PHARMACEUTICALS INC	COM	
87650L 90 3	TARSUS PHARMACEUTICALS INC	CALL	
87650L 95 3	TARSUS PHARMACEUTICALS INC	PUT	
876511 10 6 *	TASEKO MINES LTD	COM	
876511 90 6	TASEKO MINES LTD	CALL	
876511 95 6	TASEKO MINES LTD	PUT	
87652V 10 9 *	TASKUS INC	CLASS A COM	
87652V 90 9	TASKUS INC	CALL	
87652V 95 9	TASKUS INC	PUT	
876545 10 4	TASTEMAKER ACQUISITION CORP	COM CL A	
876545 11 2	TASTEMAKER ACQUISITION CORP	*W EXP 01/07/202	
876545 20 3	TASTEMAKER ACQUISITION CORP	UNIT 12/31/2025	
876568 50 2 *	TATA MTRS LTD	SPONSORED ADR	DELETED

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 625

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
876568 90 2	TATA MTRS LTD	CALL	DELETED
876568 95 2	TATA MTRS LTD	PUT	DELETED
87663X 10 2 *	TATTOOED CHEF INC	COM CL A	
87663X 90 2	TATTOOED CHEF INC	CALL	
87663X 95 2	TATTOOED CHEF INC	PUT	
877163 10 5	TAYLOR DEVICES INC	COM	
87724P 10 6 *	TAYLOR MORRISON HOME CORP	COM	
87724P 90 6	TAYLOR MORRISON HOME CORP	CALL	
87724P 95 6	TAYLOR MORRISON HOME CORP	PUT	
877619 10 6 *	TAYSHA GENE THERAPIES INC	COM SHS	
877619 90 6	TAYSHA GENE THERAPIES INC	CALL	
877619 95 6	TAYSHA GENE THERAPIES INC	PUT	
87807B 10 7 *	TC ENERGY CORP	COM	
87807B 90 7	TC ENERGY CORP	CALL	
87807B 95 7	TC ENERGY CORP	PUT	
87807D 11 1	TC BIOPHARM HOLDINGS PLC	*W EXP 02/08/202	
87807D 20 2	TC BIOPHARM HOLDINGS PLC	SPONSORD ADS NEW	
87808K 10 6 *	TCR2 THERAPEUTICS INC	COM	
87808K 90 6	TCR2 THERAPEUTICS INC	CALL	
87808K 95 6	TCR2 THERAPEUTICS INC	PUT	
878155 AE 0	TEAM INC	NOTE 5.000% 8/0	
878155 30 8 *	TEAM INC	COM NEW	
878155 90 8	TEAM INC	CALL	
878155 95 8	TEAM INC	PUT	
87823R 10 2	TECH AND ENERGY TRANSITION	CLASS A COM	DELETED
87823R 11 0	TECH AND ENERGY TRANSITION	*W EXP 03/31/202	DELETED
87823R 20 1	TECH AND ENERGY TRANSITION	UNIT 03/31/2028	DELETED
87874R AB 6	TECHTARGET INC	NOTE 0.125%12/1	
87874R AD 2	TECHTARGET INC	NOTE 12/1	ADDED
87874R 10 0 *	TECHTARGET INC	COM	
87874R 90 0	TECHTARGET INC	CALL	
87874R 95 0	TECHTARGET INC	PUT	
878742 20 4 *	TECK RESOURCES LTD	CL B	
878742 90 4	TECK RESOURCES LTD	CALL	

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 626

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
878742 95 4	TECK RESOURCES LTD	PUT	
87900Y AE 3	TEEKAY CORPORATION	NOTE 5.000% 1/1	DELETED
87901J 10 5 *	TEGNA INC	COM	
87901J 90 5	TEGNA INC	CALL	
87901J 95 5	TEGNA INC	PUT	
879080 10 9 *	TEJON RANCH CO	COM	
879080 90 9	TEJON RANCH CO	CALL	
879080 95 9	TEJON RANCH CO	PUT	
879105 10 4	TEKLA HEALTHCARE OPPORTUNITI	SHS	
87911J 10 3	TEKLA HEALTHCARE INVS	SH BEN INT	
87911K 10 0	TEKLA LIFE SCIENCES INVS	SH BEN INT	
87911L 10 8	TEKLA WORLD HEALTHCARE FD	BEN INT SHS	
87918A AC 9	TELADOC HEALTH INC	NOTE 1.375% 5/1	
87918A AF 2	TELADOC HEALTH INC	NOTE 1.250% 6/0	
87918A 10 5 *	TELADOC HEALTH INC	COM	
87918A 90 5	TELADOC HEALTH INC	CALL	
87918A 95 5	TELADOC HEALTH INC	PUT	
879273 20 9 *	TELECOM ARGENTINA SA	SPON ADR REP B	
879273 90 9	TELECOM ARGENTINA SA	CALL	
879273 95 9	TELECOM ARGENTINA SA	PUT	
87936R 20 5 *	TELEFONICA BRASIL SA	NEW ADR	
87936R 90 5	TELEFONICA BRASIL SA	CALL	
87936R 95 5	TELEFONICA BRASIL SA	PUT	
879360 10 5 *	TELEDYNE TECHNOLOGIES INC	COM	
879360 90 5	TELEDYNE TECHNOLOGIES INC	CALL	
879360 95 5	TELEDYNE TECHNOLOGIES INC	PUT	
879369 10 6 *	TELEFLEX INCORPORATED	COM	
879369 90 6	TELEFLEX INCORPORATED	CALL	
879369 95 6	TELEFLEX INCORPORATED	PUT	
879382 20 8 *	TELEFONICA S A	SPONSORED ADR	
879382 90 8	TELEFONICA S A	CALL	
879382 95 8	TELEFONICA S A	PUT	
879433 82 9 *	TELEPHONE & DATA SYS INC	COM NEW	
879433 90 9	TELEPHONE & DATA SYS INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 627

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
879433 95 9	TELEPHONE & DATA SYS INC	PUT	
879512 30 9 *	TELESAT CORP	CL A & CL B SHS	
879512 90 9	TELESAT CORP	CALL	
879512 95 9	TELESAT CORP	PUT	
87968A 10 4 *	TELLURIAN INC NEW	COM	
87968A 90 4	TELLURIAN INC NEW	CALL	
87968A 95 4	TELLURIAN INC NEW	PUT	
87969B 10 1 *	TELOS CORP MD	COM	
87969B 90 1	TELOS CORP MD	CALL	
87969B 95 1	TELOS CORP MD	PUT	
87971M 10 3 *	TELUS CORPORATION	COM	
87971M 90 3	TELUS CORPORATION	CALL	
87971M 95 3	TELUS CORPORATION	PUT	
87975H 10 0 *	TELUS INTL CDA INC	SUB VTG SHS	
87975H 90 0	TELUS INTL CDA INC	CALL	
87975H 95 0	TELUS INTL CDA INC	PUT	
87978U 10 8	TEMPEST THERAPEUTICS INC	COM	
87990A 10 6 *	TENAYA THERAPEUTICS INC	COM	
87990A 90 6	TENAYA THERAPEUTICS INC	CALL	
87990A 95 6	TENAYA THERAPEUTICS INC	PUT	
88018T 10 1	TEMPLETON DRAGON FD INC	COM	
880191 10 1	TEMPLETON EMERGING MKTS FD	COM	
880192 10 9	TEMPLETON EMERGING MKTS INCO	COM	
880198 10 6	TEMPLETON GLOBAL INCOME FD	COM	
88023U 10 1 *	TEMPUR SEALY INTL INC	COM	
88023U 90 1	TEMPUR SEALY INTL INC	CALL	
88023U 95 1	TEMPUR SEALY INTL INC	PUT	
88024M 10 8 *	TEMPO AUTOMATION HOLDINGS IN	COM	
88024M 90 8	TEMPO AUTOMATION HOLDINGS IN	CALL	
88024M 95 8	TEMPO AUTOMATION HOLDINGS IN	PUT	
88024M 11 6	TEMPO AUTOMATION HOLDINGS IN	*W EXP 09/30/202	
88025T 10 2 *	TENABLE HLDGS INC	COM	
88025T 90 2	TENABLE HLDGS INC	CALL	
88025T 95 2	TENABLE HLDGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 628

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88025U 10 9 *	10X GENOMICS INC	CL A COM	
88025U 90 9	10X GENOMICS INC	CALL	
88025U 95 9	10X GENOMICS INC	PUT	
88031M 10 9 *	TENARIS S A	SPONSORED ADS	
88031M 90 9	TENARIS S A	CALL	
88031M 95 9	TENARIS S A	PUT	
88032L 20 9	TENAX THERAPEUTICS INC	COM NEW	DELETED
88032L 50 6	TENAX THERAPEUTICS INC	COM	ADDED
88033G 40 7 *	TENET HEALTHCARE CORP	COM NEW	
88033G 90 7	TENET HEALTHCARE CORP	CALL	
88033G 95 7	TENET HEALTHCARE CORP	PUT	
88034P 10 9 *	TENCENT MUSIC ENTMT GROUP	SPON ADS	
88034P 90 9	TENCENT MUSIC ENTMT GROUP	CALL	
88034P 95 9	TENCENT MUSIC ENTMT GROUP	PUT	
880345 10 3 *	TENNANT CO	COM	
880345 90 3	TENNANT CO	CALL	
880345 95 3	TENNANT CO	PUT	
88066N 10 5	TENON MEDICAL INC	COM	
88076W 10 3 *	TERADATA CORP DEL	COM	
88076W 90 3	TERADATA CORP DEL	CALL	
88076W 95 3	TERADATA CORP DEL	PUT	
880770 AG 7	TERADYNE INC	NOTE 1.250%12/1	
880770 10 2 *	TERADYNE INC	COM	
880770 90 2	TERADYNE INC	CALL	
880770 95 2	TERADYNE INC	PUT	
880779 10 3 *	TEREX CORP NEW	COM	
880779 90 3	TEREX CORP NEW	CALL	
880779 95 3	TEREX CORP NEW	PUT	
88080T 10 4 *	TERAWULF INC	COM	
88080T 90 4	TERAWULF INC	CALL	
88080T 95 4	TERAWULF INC	PUT	
880881 10 7	TERNS PHARMACEUTICALS INC	COM	
880890 10 8 *	TERNIUM SA	SPONSORED ADS	
880890 90 8	TERNIUM SA	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 629

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
880890 95 8	TERNIUM SA	PUT	
88105P 10 3 *	TERRAN ORBITAL CORPORATION	COM	
88105P 90 3	TERRAN ORBITAL CORPORATION	CALL	
88105P 95 3	TERRAN ORBITAL CORPORATION	PUT	
88105P 11 1	TERRAN ORBITAL CORPORATION	*W EXP 03/25/202	
88145X 10 8 *	TERRITORIAL BANCORP INC	COM	
88145X 90 8	TERRITORIAL BANCORP INC	CALL	
88145X 95 8	TERRITORIAL BANCORP INC	PUT	
88146M 10 1 *	TERRENO RLTY CORP	COM	
88146M 90 1	TERRENO RLTY CORP	CALL	
88146M 95 1	TERRENO RLTY CORP	PUT	
88160R AG 6	TESLA INC	NOTE 2.000% 5/1	
88160R 10 1 *	TESLA INC	COM	
88160R 90 1	TESLA INC	CALL	
88160R 95 1	TESLA INC	PUT	
88162F 10 5 *	TETRA TECHNOLOGIES INC DEL	COM	
88162F 90 5	TETRA TECHNOLOGIES INC DEL	CALL	
88162F 95 5	TETRA TECHNOLOGIES INC DEL	PUT	
88162G 10 3 *	TETRA TECH INC NEW	COM	
88162G 90 3	TETRA TECH INC NEW	CALL	
88162G 95 3	TETRA TECH INC NEW	PUT	
881624 20 9 *	TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	
881624 90 9	TEVA PHARMACEUTICAL INDS LTD	CALL	
881624 95 9	TEVA PHARMACEUTICAL INDS LTD	PUT	
88166A 10 2 *	TEUCRIUM COMMODITY TR	CORN FD SHS	
88166A 90 2	TEUCRIUM COMMODITY TR	CALL	
88166A 95 2	TEUCRIUM COMMODITY TR	PUT	
88166A 40 9 *	TEUCRIUM COMMODITY TR	SUGAR FD	
88166A 90 9	TEUCRIUM COMMODITY TR	CALL	
88166A 95 9	TEUCRIUM COMMODITY TR	PUT	
88166A 50 8 *	TEUCRIUM COMMODITY TR	WHEAT FD	
88166A 90 8	TEUCRIUM COMMODITY TR	CALL	
88166A 95 8	TEUCRIUM COMMODITY TR	PUT	
88166A 60 7 *	TEUCRIUM COMMODITY TR	SOYBEAN FD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 630

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88166A 90 7	TEUCRIUM COMMODITY TR	CALL	
88166A 95 7	TEUCRIUM COMMODITY TR	PUT	
88166A 70 6 *	TEUCRIUM COMMODITY TR	AGRICULTURE FD	
88166A 90 6	TEUCRIUM COMMODITY TR	CALL	
88166A 95 6	TEUCRIUM COMMODITY TR	PUT	
88166A 80 5	TEUCRIUM COMMODITY TR	HASHDEX BITCOIN	
88224Q 10 7 *	TEXAS CAP BANCSHARES INC	COM	
88224Q 90 7	TEXAS CAP BANCSHARES INC	CALL	
88224Q 95 7	TEXAS CAP BANCSHARES INC	PUT	
88231Q 10 8	TEXAS COMMUNITY BANCSHARES I	COM	
882508 10 4 *	TEXAS INSTRS INC	COM	
882508 90 4	TEXAS INSTRS INC	CALL	
882508 95 4	TEXAS INSTRS INC	PUT	
88262P 10 2	TEXAS PACIFIC LAND CORPORATI	COM	
882681 10 9 *	TEXAS ROADHOUSE INC	COM	
882681 90 9	TEXAS ROADHOUSE INC	CALL	
882681 95 9	TEXAS ROADHOUSE INC	PUT	
883203 10 1 *	TEXTRON INC	COM	
883203 90 1	TEXTRON INC	CALL	
883203 95 1	TEXTRON INC	PUT	
88322Q 10 8 *	TG THERAPEUTICS INC	COM	
88322Q 90 8	TG THERAPEUTICS INC	CALL	
88322Q 95 8	TG THERAPEUTICS INC	PUT	
88331L 10 8 *	THE BEAUTY HEALTH COMPANY	COM CL A	
88331L 90 8	THE BEAUTY HEALTH COMPANY	CALL	
88331L 95 8	THE BEAUTY HEALTH COMPANY	PUT	
88337F 10 5 *	THE ODP CORP	COM	
88337F 90 5	THE ODP CORP	CALL	
88337F 95 5	THE ODP CORP	PUT	
88337K 30 2 *	THE9 LTD	SPON ADS NEW	
88337K 90 2	THE9 LTD	CALL	
88337K 95 2	THE9 LTD	PUT	
88338H AA 8	THERATECHNOLOGIES INC	NOTE 5.750% 6/3	
88338H 10 0 *	THERATECHNOLOGIES INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 631

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88338H 90 0	THERATECHNOLOGIES INC	CALL	
88338H 95 0	THERATECHNOLOGIES INC	PUT	
88338K 10 3 *	THE ONE GROUP HOSPITALITY IN	COM	
88338K 90 3	THE ONE GROUP HOSPITALITY IN	CALL	
88338K 95 3	THE ONE GROUP HOSPITALITY IN	PUT	
88338N 20 6 *	THERAPEUTICSMD INC	COM NEW	
88338N 90 6	THERAPEUTICSMD INC	CALL	
88338N 95 6	THERAPEUTICSMD INC	PUT	
88338T AB 0	INNOVIVA INC	NOTE 2.125% 1/1	DELETED
88339J 10 5 *	THE TRADE DESK INC	COM CL A	
88339J 90 5	THE TRADE DESK INC	CALL	
88339J 95 5	THE TRADE DESK INC	PUT	
88339P AB 7	THE REALREAL INC	NOTE 3.000% 6/1	
88339P AD 3	THE REALREAL INC	NOTE 1.000% 3/0	
88339P 10 1 *	THE REALREAL INC	COM	
88339P 90 1	THE REALREAL INC	CALL	
88339P 95 1	THE REALREAL INC	PUT	
88340B 10 9	THE VERY GOOD FOOD CO INC	COM	DELETED
883556 10 2 *	THERMO FISHER SCIENTIFIC INC	COM	
883556 90 2	THERMO FISHER SCIENTIFIC INC	CALL	
883556 95 2	THERMO FISHER SCIENTIFIC INC	PUT	
88362L 20 9	THERMOGENESIS HLDGS INC	COM NEW	
88362T 10 3 *	THERMON GROUP HLDGS INC	COM	
88362T 90 3	THERMON GROUP HLDGS INC	CALL	
88362T 95 3	THERMON GROUP HLDGS INC	PUT	
88369M 10 1	THESEUS PHARMACEUTICALS INC	COM	
88422P 10 9	THIRD COAST BANCSHARES INC	COM	
88427A 10 7	THIRD HARMONIC BIO INC	COM	
88429K 10 3	36KR HOLDINGS INC	SPONSORED ADS	
884903 70 9 *	THOMSON REUTERS CORP.	COM NEW	
884903 90 9	THOMSON REUTERS CORP.	CALL	
884903 95 9	THOMSON REUTERS CORP.	PUT	
885155 10 1	THOR LOW VOLATILITY ETF	LOW VOLATILITY	
885160 10 1 *	THOR INDS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 632

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
885160 90 1	THOR INDS INC	CALL	
885160 95 1	THOR INDS INC	PUT	
885213 10 8	THORNBURG INCM BUILDER OPP T	COM	
885260 10 9 *	THORNE HEALTHTECH INC	COM	
885260 90 9	THORNE HEALTHTECH INC	CALL	
885260 95 9	THORNE HEALTHTECH INC	PUT	
88546E 10 5 *	THOUGHTWORKS HOLDING INC	COM	
88546E 90 5	THOUGHTWORKS HOLDING INC	CALL	
88546E 95 5	THOUGHTWORKS HOLDING INC	PUT	
88554D 20 5 *	3-D SYS CORP DEL	COM NEW	
88554D 90 5	3-D SYS CORP DEL	CALL	
88554D 95 5	3-D SYS CORP DEL	PUT	
88556E 10 2 *	THREDUP INC	CL A	
88556E 90 2	THREDUP INC	CALL	
88556E 95 2	THREDUP INC	PUT	
88557W 10 1 *	360 DIGITECH INC	AMERICAN DEP	
88557W 90 1	360 DIGITECH INC	CALL	
88557W 95 1	360 DIGITECH INC	PUT	
88579Y 10 1 *	3M CO	COM	
88579Y 90 1	3M CO	CALL	
88579Y 95 1	3M CO	PUT	
88583P 10 4	374WATER INC	COM	
88588G 10 9	THRIVENT ETF TRUST	SMALL MID CAP	
886029 20 6 *	THRYV HLDGS INC	COM NEW	
886029 90 6	THRYV HLDGS INC	CALL	
886029 95 6	THRYV HLDGS INC	PUT	
88605L 10 7	THUNDER BRDG CAP PRTNRS IV I	CLASS A COM	
88605L 11 5	THUNDER BRDG CAP PRTNRS IV I	*W EXP 04/30/202	
88605L 20 6	THUNDER BRDG CAP PRTNRS IV I	UNIT 06/30/2026	
88605T 10 0	THUNDER BRIDGE CAP PRTNRS II	COM CL A	
88605T 11 8	THUNDER BRIDGE CAP PRTNRS II	*W EXP 02/01/202	
88605T 20 9	THUNDER BRIDGE CAP PRTNRS II	UNIT 02/15/2028	
88634T 10 5	TIDAL ETF TR II	CARBON CLCTV CLM	
88634T 40 2	TIDAL ETF TR II	THE MEET KEVIN	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 633

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88634T 50 1	TIDAL ETF TR II	SENIOR SECRD CRD	
88634T 51 9	TIDAL ETF TR II	PINNACLE FOCUSED	
88634T 53 5	TIDAL ETF TR II	NICHOLAS FIXED	
88634T 60 0	TIDAL ETF TR II	YIELDMAX INNOVAT	
88634T 70 9 *	TIDAL ETF TR II	TSLA OPTION INCM	
88634T 90 9	TIDAL ETF TR II	CALL	
88634T 95 9	TIDAL ETF TR II	PUT	
88636J 10 5	TIDAL TR II	RTN STACKED BD	ADDED
886364 20 7 *	TIDAL ETF TR	SOFI SELCT 500	
886364 90 7	TIDAL ETF TR	CALL	
886364 95 7	TIDAL ETF TR	PUT	
886364 30 6 *	TIDAL ETF TR	SOFI NEXT 500	
886364 90 6	TIDAL ETF TR	CALL	
886364 95 6	TIDAL ETF TR	PUT	
886364 40 5 *	TIDAL ETF TR	SOFI SOCIAL 50	
886364 90 5	TIDAL ETF TR	CALL	
886364 95 5	TIDAL ETF TR	PUT	
886364 43 9 *	TIDAL ETF TR	UNLIMITED HFND	
886364 90 9	TIDAL ETF TR	CALL	
886364 95 9	TIDAL ETF TR	PUT	
886364 44 7	TIDAL ETF TR	NEWDAY SUSTAIN	DELETED
886364 45 4	TIDAL ETF TR	NOBLE ABSOLUTE	
886364 46 2 *	TIDAL ETF TR	GOD BLESS AMER	
886364 90 2	TIDAL ETF TR	CALL	
886364 95 2	TIDAL ETF TR	PUT	
886364 47 0	TIDAL ETF TR	AZTLAN GBL STOCK	
886364 50 4 *	TIDAL ETF TR	SOFI BE YOUR OWN	
886364 90 4	TIDAL ETF TR	CALL	
886364 95 4	TIDAL ETF TR	PUT	
886364 51 2 *	TIDAL ETF TR	SOFI WEB 3 ETF	
886364 90 2	TIDAL ETF TR	CALL	
886364 95 2	TIDAL ETF TR	PUT	
886364 52 0	TIDAL ETF TR	GOTHAM 1000 VALU	
886364 53 8 *	TIDAL ETF TR	CNSTRND CAP ESG	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 634

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
886364 90 8	TIDAL ETF TR	CALL	
886364 95 8	TIDAL ETF TR	PUT	
886364 55 3 *	TIDAL ETF TR	IONIC INFLATION	
886364 90 3	TIDAL ETF TR	CALL	
886364 95 3	TIDAL ETF TR	PUT	
886364 57 9 *	TIDAL ETF TR	NEWDAY OCN HEALT	
886364 90 9	TIDAL ETF TR	CALL	
886364 95 9	TIDAL ETF TR	PUT	
886364 58 7 *	TIDAL ETF TR	RESIDENTIAL REIT	
886364 90 7	TIDAL ETF TR	CALL	
886364 95 7	TIDAL ETF TR	PUT	
886364 59 5 *	TIDAL ETF TR	UPAR ULTRA RISK	
886364 90 5	TIDAL ETF TR	CALL	
886364 95 5	TIDAL ETF TR	PUT	
886364 60 3 *	TIDAL ETF TR	RPAR RISK PARI	
886364 90 3	TIDAL ETF TR	CALL	
886364 95 3	TIDAL ETF TR	PUT	
886364 63 7	TIDAL ETF TR	FOLIOBEYOND RISI	
886364 64 5 *	TIDAL ETF TR	SONICSHARES GBL	
886364 90 5	TIDAL ETF TR	CALL	
886364 95 5	TIDAL ETF TR	PUT	
886364 65 2	TIDAL ETF TR	ATAC CREDIT ROT	
886364 66 0 *	TIDAL ETF TR	ZEGA BUY AND HED	
886364 90 0	TIDAL ETF TR	CALL	
886364 95 0	TIDAL ETF TR	PUT	
886364 67 8	TIDAL ETF TR	ROBINSON ALTERNT	
886364 68 6 *	TIDAL ETF TR	SOFI SMART ENRGY	
886364 90 6	TIDAL ETF TR	CALL	
886364 95 6	TIDAL ETF TR	PUT	
886364 70 2	TIDAL ETF TR	SP DWJNS SUKUK	
886364 71 0	TIDAL ETF TR	AMEN CUST SATF	
886364 73 6	TIDAL ETF TR	SOFI WEEKLY DIVI	
886364 74 4 *	TIDAL ETF TR	ACRUENCE ACTIVE	
886364 90 4	TIDAL ETF TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 635

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
886364 95 4	TIDAL ETF TR	PUT	
886364 76 9	TIDAL ETF TR	SP FUNDS S&P GBL	
886364 79 3	TIDAL ETF TR	SOUND EQUITY INM	
886364 80 1	TIDAL ETF TR	SP FDS S&P 500	
886364 81 9	TIDAL ETF TR	SOUND ENHANCED	
886364 83 5 *	TIDAL ETF TR	GOTHAM ENHNCD	
886364 90 5	TIDAL ETF TR	CALL	
886364 95 5	TIDAL ETF TR	PUT	
886364 84 3	TIDAL ETF TR	ATAC US ROTATION	
886364 85 0	TIDAL ETF TR	LEATHERBACK LNG	
886364 87 6 *	TIDAL ETF TR	ADASINA SOCIAL	
886364 90 6	TIDAL ETF TR	CALL	
886364 95 6	TIDAL ETF TR	PUT	
886364 88 4	TIDAL ETF TR	SOFI WEEKLY INM	
88642R 10 9 *	TIDEWATER INC NEW	COM	
88642R 90 9	TIDEWATER INC NEW	CALL	
88642R 95 9	TIDEWATER INC NEW	PUT	
88642R 11 7	TIDEWATER INC NEW	*W EXP 07/31/202	
88642R 12 5	TIDEWATER INC NEW	*W EXP 07/31/202	
88642R 17 4	TIDEWATER INC NEW	*W EXP 11/14/202	
88677Q 10 9 *	TILE SHOP HLDGS INC	COM	
88677Q 90 9	TILE SHOP HLDGS INC	CALL	
88677Q 95 9	TILE SHOP HLDGS INC	PUT	
88688T AB 6	TILRAY BRANDS INC	NOTE 5.000%10/0	
88688T 10 0 *	TILRAY BRANDS INC	COM	
88688T 90 0	TILRAY BRANDS INC	CALL	
88688T 95 0	TILRAY BRANDS INC	PUT	
886885 10 2 *	TILLYS INC	CL A	
886885 90 2	TILLYS INC	CALL	
886885 95 2	TILLYS INC	PUT	
88706T 10 8 *	TIM S A	SPONSORED ADR	
88706T 90 8	TIM S A	CALL	
88706T 95 8	TIM S A	PUT	
887080 20 8	TIMBER PHARMACEUTICALS INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 636

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
887098 10 1 *	TIMBERLAND BANCORP INC	COM	
887098 90 1	TIMBERLAND BANCORP INC	CALL	
887098 95 1	TIMBERLAND BANCORP INC	PUT	
887389 10 4 *	TIMKEN CO	COM	
887389 90 4	TIMKEN CO	CALL	
887389 95 4	TIMKEN CO	PUT	
887399 10 3 *	TIMKENSTEEL CORPORATION	COM	
887399 90 3	TIMKENSTEEL CORPORATION	CALL	
887399 95 3	TIMKENSTEEL CORPORATION	PUT	
887432 26 8	TIMOTHY PLAN	PLAN MARKET NEUT	ADDED
887432 27 6	TIMOTHY PLAN	HIGH DIVIDEND	
887432 28 4	TIMOTHY PLAN	US LARGE MID CP	
887432 32 6	TIMOTHY PLAN	HIG DV STK ETF	
887432 33 4	TIMOTHY PLAN	INTL ETF	
887432 34 2	TIMOTHY PLAN	U S SM CP CORE	
887432 35 9	TIMOTHY PLAN	US LRGMD CP CORE	
88822Q 10 3 *	TIPTREE INC	COM	
88822Q 90 3	TIPTREE INC	CALL	
88822Q 95 3	TIPTREE INC	PUT	
88830M 10 2 *	TITAN INTL INC ILL	COM	
88830M 90 2	TITAN INTL INC ILL	CALL	
88830M 95 2	TITAN INTL INC ILL	PUT	
88830R 10 1 *	TITAN MACHY INC	COM	
88830R 90 1	TITAN MACHY INC	CALL	
88830R 95 1	TITAN MACHY INC	PUT	
88830X 81 9	TITAN MED INC	COM NEW	DELETED
888314 60 6 *	TITAN PHARMACEUTICALS INC DE	COM NEW	
888314 90 6	TITAN PHARMACEUTICALS INC DE	CALL	
888314 95 6	TITAN PHARMACEUTICALS INC DE	PUT	
888705 10 0	TIVIC HEALTH SYSTEMS INC	COMMON STOCK	
888787 10 8 *	TOAST INC	CL A	
888787 90 8	TOAST INC	CALL	
888787 95 8	TOAST INC	PUT	
889478 10 3 *	TOLL BROTHERS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 637

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
889478 90 3	TOLL BROTHERS INC	CALL	
889478 95 3	TOLL BROTHERS INC	PUT	
890023 20 3	TOMI ENVIRONMENTAL SOLUTIONS	COM NEW	
890110 10 9 *	TOMPKINS FINL CORP	COM	
890110 90 9	TOMPKINS FINL CORP	CALL	
890110 95 9	TOMPKINS FINL CORP	PUT	
890260 86 2	TONIX PHARMACEUTICALS HLDG C	COM NEW	
890516 10 7 *	TOOTSIE ROLL INDS INC	COM	
890516 90 7	TOOTSIE ROLL INDS INC	CALL	
890516 95 7	TOOTSIE ROLL INDS INC	PUT	
89055F 10 3 *	TOPBUILD CORP	COM	
89055F 90 3	TOPBUILD CORP	CALL	
89055F 95 3	TOPBUILD CORP	PUT	
891092 10 8 *	TORO CO	COM	
891092 90 8	TORO CO	CALL	
891092 95 8	TORO CO	PUT	
891160 50 9 *	TORONTO DOMINION BK ONT	COM NEW	
891160 90 9	TORONTO DOMINION BK ONT	CALL	
891160 95 9	TORONTO DOMINION BK ONT	PUT	
89142B 10 7 *	TORRID HLDGS INC	COM	
89142B 90 7	TORRID HLDGS INC	CALL	
89142B 95 7	TORRID HLDGS INC	PUT	
89147L 88 6	TORTOISE ENERGY INFRA CORP	COM	
89147X 10 4	TORTOISE PWR & ENERGY INFRAS	COM	
89148B 20 0	TORTOISE MIDSTRM ENERGY FD I	COM	
89148H 20 7	TORTOISE PIPELINE & ENERGY F	COM	
89148K 20 0	TORTOISE ENERGY INDEPENDENC	COM	
89151E 10 9 *	TOTALENERGIES SE	SPONSORED ADS	
89151E 90 9	TOTALENERGIES SE	CALL	
89151E 95 9	TOTALENERGIES SE	PUT	
89157G 11 6	TOUGHBUILT INDS INC	*W EXP 11/14/202	
89157G 88 4	TOUGHBUILT INDS INC	COM	
89157W 10 3	TOUCHSTONE ETF TRUST	DIVIDEND SELECT	
89157W 20 2	TOUCHSTONE ETF TRUST	STRATG INCM OPFR	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 638

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
89157W 30 1	TOUCHSTONE ETF TRUST	ULTRA SHORT INCM	
89157W 40 0	TOUCHSTONE ETF TRUST	US LRG CAP FOC	
89214P 10 9 *	TOWNEBANK PORTSMOUTH VA	COM	
89214P 90 9	TOWNEBANK PORTSMOUTH VA	CALL	
89214P 95 9	TOWNEBANK PORTSMOUTH VA	PUT	
892231 10 1 *	TOWNSQUARE MEDIA INC	CL A	
892231 90 1	TOWNSQUARE MEDIA INC	CALL	
892231 95 1	TOWNSQUARE MEDIA INC	PUT	
892331 30 7 *	TOYOTA MOTOR CORP	ADS	
892331 90 7	TOYOTA MOTOR CORP	CALL	
892331 95 7	TOYOTA MOTOR CORP	PUT	
892356 10 6 *	TRACTOR SUPPLY CO	COM	
892356 90 6	TRACTOR SUPPLY CO	CALL	
892356 95 6	TRACTOR SUPPLY CO	PUT	
89237H 20 9 *	TRACON PHARMACEUTICALS INC	COM NEW	
89237H 90 9	TRACON PHARMACEUTICALS INC	CALL	
89237H 95 9	TRACON PHARMACEUTICALS INC	PUT	
892672 10 6 *	TRADEWEB MKTS INC	CL A	
892672 90 6	TRADEWEB MKTS INC	CALL	
892672 95 6	TRADEWEB MKTS INC	PUT	
89268A 10 7	TRADEUP ACQUISITION CORP	COM	
89268A 11 5	TRADEUP ACQUISITION CORP	*W EXP 07/19/202	
89268A 20 6	TRADEUP ACQUISITION CORP	UNIT 10/15/2027	
89269P 10 3 *	TRAEGER INC	COMMON STOCK	
89269P 90 3	TRAEGER INC	CALL	
89269P 95 3	TRAEGER INC	PUT	
89278D 20 8	TRAILBLAZER MERGER CORP I	UNIT 04/21/2028	ADDED
892918 10 3 *	TRANSACT TECHNOLOGIES INC	COM	
892918 90 3	TRANSACT TECHNOLOGIES INC	CALL	
892918 95 3	TRANSACT TECHNOLOGIES INC	PUT	
89301B 10 4	TRAJECTORY ALPHA ACQUISITION	COM CL A	
89301B 11 2	TRAJECTORY ALPHA ACQUISITION	*W EXP 99/99/999	
89301B 20 3	TRAJECTORY ALPHA ACQUISITION	UNIT 99/99/9999	
89346D 10 7 *	TRANSALTA CORP	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 639

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
89346D 90 7	TRANSALTA CORP	CALL	
89346D 95 7	TRANSALTA CORP	PUT	
893529 10 7	TRANSCAT INC	COM	
89357L 10 5	TRANSCODE THERAPEUTICS INC	COM	
893617 20 9	TRANSCONTINENTAL RLTY INVS	COM NEW	
893641 10 0 *	TRANSDIGM GROUP INC	COM	
893641 90 0	TRANSDIGM GROUP INC	CALL	
893641 95 0	TRANSDIGM GROUP INC	PUT	
89377M 10 9 *	TRANSMEDICS GROUP INC	COM	
89377M 90 9	TRANSMEDICS GROUP INC	CALL	
89377M 95 9	TRANSMEDICS GROUP INC	PUT	
893830 BJ 7	TRANSOCEAN INC	DEB 0.500% 1/3	DELETED
893830 BN 8	TRANSOCEAN INC	DEBT 2.500% 1/3	
893830 BT 5	TRANSOCEAN INC	DEB 4.000%12/1	
893830 BV 0	TRANSOCEAN INC	DEBT 4.625% 9/3	
893830 BW 8	TRANSOCEAN INC	DEB 4.625% 9/3	
89386L 10 0	TRANSPHORM INC	COM	
893870 20 4 *	TRANSPORTADORA DE GAS SUR	SPONSORED ADS B	
893870 90 4	TRANSPORTADORA DE GAS SUR	CALL	
893870 95 4	TRANSPORTADORA DE GAS SUR	PUT	
89400J 10 7 *	TRANSUNION	COM	
89400J 90 7	TRANSUNION	CALL	
89400J 95 7	TRANSUNION	PUT	
894164 10 2 *	TRAVEL PLUS LEISURE CO	COM	
894164 90 2	TRAVEL PLUS LEISURE CO	CALL	
894164 95 2	TRAVEL PLUS LEISURE CO	PUT	
89417E 10 9 *	TRAVELERS COMPANIES INC	COM	
89417E 90 9	TRAVELERS COMPANIES INC	CALL	
89417E 95 9	TRAVELERS COMPANIES INC	PUT	
89421B 10 9 *	TRAVELCENTERS OF AMERICA INC	COM NEW	
89421B 90 9	TRAVELCENTERS OF AMERICA INC	CALL	
89421B 95 9	TRAVELCENTERS OF AMERICA INC	PUT	
89421Q 20 5 *	TRAVELZOO	COM NEW	
89421Q 90 5	TRAVELZOO	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 640

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
89421Q 95 5	TRAVELZOO	PUT	
89422G AA 5	TRAVERE THERAPEUTICS INC	NOTE 2.250% 3/0	
89422G 10 7 *	TRAVERE THERAPEUTICS INC	COM	
89422G 90 7	TRAVERE THERAPEUTICS INC	CALL	
89422G 95 7	TRAVERE THERAPEUTICS INC	PUT	
89455T 10 9 *	TREACE MED CONCEPTS INC	COM	
89455T 90 9	TREACE MED CONCEPTS INC	CALL	
89455T 95 9	TREACE MED CONCEPTS INC	PUT	
89457R 10 1 *	TREAN INS GROUP INC	COM	
89457R 90 1	TREAN INS GROUP INC	CALL	
89457R 95 1	TREAN INS GROUP INC	PUT	
89458T 10 6	TREASURE GLOBAL INC	COM	
894650 10 0 *	TREDEGAR CORP	COM	
894650 90 0	TREDEGAR CORP	CALL	
894650 95 0	TREDEGAR CORP	PUT	
89469A 10 4 *	TREEHOUSE FOODS INC	COM	
89469A 90 4	TREEHOUSE FOODS INC	CALL	
89469A 95 4	TREEHOUSE FOODS INC	PUT	
89484T 10 4 *	TREMOR INTL LTD	ADS	
89484T 90 4	TREMOR INTL LTD	CALL	
89484T 95 4	TREMOR INTL LTD	PUT	
89531P 10 5 *	TREX CO INC	COM	
89531P 90 5	TREX CO INC	CALL	
89531P 95 5	TREX CO INC	PUT	
89532E 20 8 *	TREVENA INC	COM NEW	
89532E 90 8	TREVENA INC	CALL	
89532E 95 8	TREVENA INC	PUT	
89532M 10 1 *	TREVI THERAPEUTICS INC	COM	
89532M 90 1	TREVI THERAPEUTICS INC	CALL	
89532M 95 1	TREVI THERAPEUTICS INC	PUT	
895436 10 3	TRI CONTL CORP	COM	
89601Y 10 1	IRIS ACQUISITION CORP	CLASS A COM	
89601Y 11 9	IRIS ACQUISITION CORP	*W EXP 02/28/202	
89601Y 20 0	IRIS ACQUISITION CORP	UNIT 02/24/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 641

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
896095 10 6 *	TRICO BANCSHARES	COM	
896095 90 6	TRICO BANCSHARES	CALL	
896095 95 6	TRICO BANCSHARES	PUT	
89610F AB 7	TRICIDA INC	NOTE 3.500% 5/1	DELETED
89610F 10 1 *	TRICIDA INC	COM	DELETED
89610F 90 1	TRICIDA INC	CALL	DELETED
89610F 95 1	TRICIDA INC	PUT	DELETED
89612W 10 2 *	TRICON RESIDENTIAL INC	COM NPV	
89612W 90 2	TRICON RESIDENTIAL INC	CALL	
89612W 95 2	TRICON RESIDENTIAL INC	PUT	
89621C 10 5 *	TRILOGY METALS INC NEW	COM	
89621C 90 5	TRILOGY METALS INC NEW	CALL	
89621C 95 5	TRILOGY METALS INC NEW	PUT	
896215 20 9 *	TRIMAS CORP	COM NEW	
896215 90 9	TRIMAS CORP	CALL	
896215 95 9	TRIMAS CORP	PUT	
896239 10 0 *	TRIMBLE INC	COM	
896239 90 0	TRIMBLE INC	CALL	
896239 95 0	TRIMBLE INC	PUT	
89628W 30 2 *	TRIMTABS ETF TR	FCF US QLT Y ETF	
89628W 90 2	TRIMTABS ETF TR	CALL	
89628W 95 2	TRIMTABS ETF TR	PUT	
89628W 40 1	TRIMTABS ETF TR	FCF INTL QLT Y ET	
89628W 50 0	TRIMTABS ETF TR	DONOGHUE FRLNS	
89628W 60 9	TRIMTABS ETF TR	DONOGHUE FRLNS	
89628W 70 8	TRIMTABS ETF TR	DONOGHUE FORLNS	
896288 10 7 *	TRINET GROUP INC	COM	
896288 90 7	TRINET GROUP INC	CALL	
896288 95 7	TRINET GROUP INC	PUT	
89643Q AB 4	TRINITY BIOTECH INVT LTD	NOTE 4.000% 4/0	
896438 30 6 *	TRINITY BIOTECH PLC	SPON ADR NEW	
896438 90 6	TRINITY BIOTECH PLC	CALL	
896438 95 6	TRINITY BIOTECH PLC	PUT	
896442 30 8 *	TRINITY CAP INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 642

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
896442 90 8	TRINITY CAP INC	CALL	
896442 95 8	TRINITY CAP INC	PUT	
896522 10 9 *	TRINITY INDS INC	COM	
896522 90 9	TRINITY INDS INC	CALL	
896522 95 9	TRINITY INDS INC	PUT	
89656D 10 1	TRINITY PL HLDGS INC	COM	
896712 20 5	TRIO TECH INTL	COM NEW	
89677Q 10 7 *	TRIP COM GROUP LTD	ADS	
89677Q 90 7	TRIP COM GROUP LTD	CALL	
89677Q 95 7	TRIP COM GROUP LTD	PUT	
89677Y 10 0 *	TRIPLEPOINT VENTURE GROWTH B	COM	
89677Y 90 0	TRIPLEPOINT VENTURE GROWTH B	CALL	
89677Y 95 0	TRIPLEPOINT VENTURE GROWTH B	PUT	
89679E 30 0 *	TRIUMPH FINANCIAL INC	COM	
89679E 90 0	TRIUMPH FINANCIAL INC	CALL	
89679E 95 0	TRIUMPH FINANCIAL INC	PUT	
89679M 10 4 *	TRIPLE FLAG PRECIOUS METAL	COM	
89679M 90 4	TRIPLE FLAG PRECIOUS METAL	CALL	
89679M 95 4	TRIPLE FLAG PRECIOUS METAL	PUT	
896818 10 1 *	TRIUMPH GROUP INC NEW	COM	
896818 90 1	TRIUMPH GROUP INC NEW	CALL	
896818 95 1	TRIUMPH GROUP INC NEW	PUT	
89686D 10 5 *	TRIVAGO N V	SPON ADS A SHS	
89686D 90 5	TRIVAGO N V	CALL	
89686D 95 5	TRIVAGO N V	PUT	
89689F 11 5	TROIKA MEDIA GROUP INC	*W EXP 04/13/202	
89689F 30 5	TROIKA MEDIA GROUP INC	COM	
896945 AD 4	TRIPADVISOR INC	NOTE 0.250% 4/0	
896945 20 1 *	TRIPADVISOR INC	COM	
896945 90 1	TRIPADVISOR INC	CALL	
896945 95 1	TRIPADVISOR INC	PUT	
89785L 10 7 *	TRUECAR INC	COM	
89785L 90 7	TRUECAR INC	CALL	
89785L 95 7	TRUECAR INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 643

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
89785X 10 1 *	TRUEBLUE INC	COM	
89785X 90 1	TRUEBLUE INC	CALL	
89785X 95 1	TRUEBLUE INC	PUT	
898202 10 6 *	TRUPANION INC	COM	
898202 90 6	TRUPANION INC	CALL	
898202 95 6	TRUPANION INC	PUT	
89832P 15 0	TRUST FOR ADVISED PORTFOLIOS	SOUNDWATCH HEDGD	
89832P 26 7	TRUST FOR ADVISED PORTFOLIOS	CORNERCAP FUNDAM	
89832Q 10 9 *	TRUIST FINL CORP	COM	
89832Q 90 9	TRUIST FINL CORP	CALL	
89832Q 95 9	TRUIST FINL CORP	PUT	
89834G 76 0	TRUST FOR PROFESSIONAL MANAG	CONVERGENCE LNG	
89834G 77 8 *	TRUST FOR PROFESSIONAL MANAG	CROSSINGBRDG PRE	
89834G 90 8	TRUST FOR PROFESSIONAL MANAG	CALL	
89834G 95 8	TRUST FOR PROFESSIONAL MANAG	PUT	
89834G 83 6	TRUST FOR PROFESSIONAL MANAG	MAIRS & PWR MINN	
898349 20 4 *	TRUSTCO BK CORP N Y	COM NEW	
898349 90 4	TRUSTCO BK CORP N Y	CALL	
898349 95 4	TRUSTCO BK CORP N Y	PUT	
898402 10 2 *	TRUSTMARK CORP	COM	
898402 90 2	TRUSTMARK CORP	CALL	
898402 95 2	TRUSTMARK CORP	PUT	
89846A 20 7	TRXADE HEALTH INC	COM NEW	
89853L 20 3 *	T2 BIOSYSTEMS INC	COM NEW	
89853L 90 3	T2 BIOSYSTEMS INC	CALL	
89853L 95 3	T2 BIOSYSTEMS INC	PUT	
89854H 10 2 *	TTEC HLDGS INC	COM	
89854H 90 2	TTEC HLDGS INC	CALL	
89854H 95 2	TTEC HLDGS INC	PUT	
89854M 10 1	TSCAN THERAPEUTICS INC	COM	
89856T 20 3	TUANCHE LTD	ADS NEW	
898697 20 6 *	TUCOWS INC	COM NEW	
898697 90 6	TUCOWS INC	CALL	
898697 95 6	TUCOWS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 644

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
89904V 20 0 *	TUESDAY MORNING CORP	COM NEW	DELETED
89904V 90 0	TUESDAY MORNING CORP	CALL	DELETED
89904V 95 0	TUESDAY MORNING CORP	PUT	DELETED
89977P 10 6 *	TUNIU CORP	SPONSORED ADS	
89977P 90 6	TUNIU CORP	CALL	
89977P 95 6	TUNIU CORP	PUT	
899896 10 4 *	TUPPERWARE BRANDS CORP	COM	
899896 90 4	TUPPERWARE BRANDS CORP	CALL	
899896 95 4	TUPPERWARE BRANDS CORP	PUT	
900111 20 4 *	TURKCELL ILETISIM HIZMETLERI	SPON ADR NEW	
900111 90 4	TURKCELL ILETISIM HIZMETLERI	CALL	
900111 95 4	TURKCELL ILETISIM HIZMETLERI	PUT	
90041L AE 5	TURNING PT BRANDS INC	NOTE 2.500% 7/1	
90041L 10 5 *	TURNING PT BRANDS INC	COM	
90041L 90 5	TURNING PT BRANDS INC	CALL	
90041L 95 5	TURNING PT BRANDS INC	PUT	
900450 20 6 *	TURTLE BEACH CORP	COM NEW	
900450 90 6	TURTLE BEACH CORP	CALL	
900450 95 6	TURTLE BEACH CORP	PUT	
90089L 10 8 *	TUSIMPLE HLDGS INC	CL A	
90089L 90 8	TUSIMPLE HLDGS INC	CALL	
90089L 95 8	TUSIMPLE HLDGS INC	PUT	
901109 10 8 *	TUTOR PERINI CORP	COM	
901109 90 8	TUTOR PERINI CORP	CALL	
901109 95 8	TUTOR PERINI CORP	PUT	
90114C 10 7 *	TUYA INC	SPONSERED ADS	
90114C 90 7	TUYA INC	CALL	
90114C 95 7	TUYA INC	PUT	
90118T 10 6	TWELVE SEAS INVESTMENT CO II	COM CL A	
90118T 11 4	TWELVE SEAS INVESTMENT CO II	*W EXP 03/02/202	
90118T 20 5	TWELVE SEAS INVESTMENT CO II	UNIT 99/99/9999	
90137F 10 3 *	22ND CENTY GROUP INC	COM	
90137F 90 3	22ND CENTY GROUP INC	CALL	
90137F 95 3	22ND CENTY GROUP INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 645

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
90138A 10 3 *	VNET GROUP INC	SPONSORED ADS A	
90138A 90 3	VNET GROUP INC	CALL	
90138A 95 3	VNET GROUP INC	PUT	
90138F 10 2 *	TWILIO INC	CL A	
90138F 90 2	TWILIO INC	CALL	
90138F 95 2	TWILIO INC	PUT	
90138P 10 0	26 CAPITAL ACQUISITION CORP	COM CL A	
90138P 11 8	26 CAPITAL ACQUISITION CORP	*W EXP 12/31/202	
90138P 20 9	26 CAPITAL ACQUISITION CORP	UNIT 12/31/2027	
90138Q 10 8 *	23ANDME HOLDING CO	CLASS A COM	
90138Q 90 8	23ANDME HOLDING CO	CALL	
90138Q 95 8	23ANDME HOLDING CO	PUT	
90138V AB 3	VNET GROUP INC	NOTE 2/0	
901384 10 7 *	2SEVENTY BIO INC	COMMON STOCK	
901384 90 7	2SEVENTY BIO INC	CALL	
901384 95 7	2SEVENTY BIO INC	PUT	
901476 10 1 *	TWIN DISC INC	COM	
901476 90 1	TWIN DISC INC	CALL	
901476 95 1	TWIN DISC INC	PUT	
90177C 10 1	TWIN VEE POWERCATS CO	COM	
90184D 10 0 *	TWIST BIOSCIENCE CORP	COM	
90184D 90 0	TWIST BIOSCIENCE CORP	CALL	
90184D 95 0	TWIST BIOSCIENCE CORP	PUT	
90187B AB 7	TWO HARBORS INVENTMENT CORPO	NOTE 6.250% 1/1	
90187B 80 4 *	TWO HBRS INVT CORP	COM	
90187B 90 4	TWO HBRS INVT CORP	CALL	
90187B 95 4	TWO HBRS INVT CORP	PUT	
90213U 11 5	TWO RDS SHARED TR	ANFIELD DIVERSIF	
90214J AB 7	2U INC	NOTE 2.250% 5/0	
90214J AC 5	2U INC	DEBT 4.500% 2/0	ADDED
90214J 10 1 *	2U INC	COM	
90214J 90 1	2U INC	CALL	
90214J 95 1	2U INC	PUT	
90214Q 10 5	TWO RDS SHARED TR	AFFINITY WORLD	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 646

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
90214Q 57 6	TWO RDS SHARED TR	HYPATIA WOMEN	ADDED
90214Q 58 4	TWO RDS SHARED TR	CONDCTR GBL EQTY	
90214Q 64 2	TWO RDS SHARED TR	REGENTS PK HDGD	
90214Q 65 9	TWO RDS SHARED TR	APEX HEALTHCARE	DELETED
90214Q 67 5	TWO RDS SHARED TR	LEADERSHARES DY	
90214Q 68 3	TWO RDS SHARED TR	LEADERSHARES EQT	
90214Q 69 1	TWO RDS SHARED TR	LEASERSHS ALPHAF	
90214Q 71 7	TWO RDS SHARED TR	LEADERSHS ACTIVI	
90214Q 72 5	TWO RDS SHARED TR	ANFIELD DYNAMIC	
90214Q 73 3	TWO RDS SHARED TR	ANFIELD US EQU	
90214Q 76 6	TWO RDS SHARED TR	ANFIELD UNVL ETF	
90214Q 77 4	TWO RDS SHARED TR	LDRSHS ALPFACT	
902252 AB 1	TYLER TEX INDPT SCH DIST	NOTE 0.250% 3/1	
902252 10 5 *	TYLER TECHNOLOGIES INC	COM	
902252 90 5	TYLER TECHNOLOGIES INC	CALL	
902252 95 5	TYLER TECHNOLOGIES INC	PUT	
90240B 10 6 *	TYRA BIOSCIENCES INC	COM	
90240B 90 6	TYRA BIOSCIENCES INC	CALL	
90240B 95 6	TYRA BIOSCIENCES INC	PUT	
902494 10 3 *	TYSON FOODS INC	CL A	
902494 90 3	TYSON FOODS INC	CALL	
902494 95 3	TYSON FOODS INC	PUT	
902653 10 4 *	UDR INC	COM	
902653 90 4	UDR INC	CALL	
902653 95 4	UDR INC	PUT	
902673 10 2 *	UFP TECHNOLOGIES INC	COM	
902673 90 2	UFP TECHNOLOGIES INC	CALL	
902673 95 2	UFP TECHNOLOGIES INC	PUT	
902677 78 0	UBS AG LONDON BRANCH	EN LG CP GRWTH	
902681 10 5 *	UGI CORP NEW	COM	
902681 90 5	UGI CORP NEW	CALL	
902681 95 5	UGI CORP NEW	PUT	
902681 11 3	UGI CORP NEW	UNIT 06/01/2024	
902685 10 6 *	UDEMY INC	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 647

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
902685 90 6	UDEMY INC	CALL	
902685 95 6	UDEMY INC	PUT	
90269A 24 5	UBS AG LONDON BRANCH	ETRACS LKD ENT	
90269A 25 2	UBS AG LONDON BRANCH	ETRACS ETN 50	
90269A 26 0	UBS AG LONDON BRANCH	ETRACS QUARTERLY	
90269A 27 8	UBS AG LONDON BRANCH	ETRACS LKD ETN	
90269A 28 6	UBS AG LONDON BRANCH	CAL LKD 50	
90269A 34 4	UBS AG LONDON BRANCH	ETRACS LKD 50	
90269A 35 1	UBS AG LONDON BRANCH	ETRACS INDEX ETN	
90269A 45 0	UBS AG LONDON BRANCH	ETRACS BBG CMD	
90269A 48 4	UBS AG LONDON BRANCH	ETRACS ETN 49	
90274D 21 8	UBS AG LONDON BRANCH	FI ENHANCD ETN	
90274D 23 4	UBS AG LONDON BRANCH	ETN LKD 26	
90274D 37 4	UBS AG LONDON BRANCH	ETRACS ALERIAN M	
90274D 38 2	UBS AG LONDON BRANCH	ETRACS ALER MLP	
90274D 39 0	UBS AG LONDON BRANCH	ETRACS UBS BLOOM	
90274D 41 6	UBS AG LONDON BRANCH	ETRACS MVIS BUSI	
90274E 16 6	UBS AG LONDON BRANCH	ETRACS MNTHLY B	
90274E 17 4	UBS AG LONDON BRANCH	ETRACS 2XM ETN	
90274E 25 7	UBS AG LONDON BRANCH	ETRACS NYSE	
90278Q 10 8 *	UFP INDUSTRIES INC	COM	
90278Q 90 8	UFP INDUSTRIES INC	CALL	
90278Q 95 8	UFP INDUSTRIES INC	PUT	
90278V 10 7	UBS AG LONDON BRANCH	CAL LKD 51	
90278V 20 6	UBS AG LONDON BRANCH	NT LKD 51	
90278V 22 2	UBS AG LONDON BRANCH	CALL LKD 53	ADDED
90278V 30 5	UBS AG LONDON BRANCH	NT LKD 51	
90278V 40 4	UBS AG LONDON BRANCH	CAL LKD 51	
90278V 50 3	UBS AG LONDON BRANCH	NT LKD 51	
90278V 60 2	UBS AG LONDON BRANCH	CAL LKD 51	
90278V 70 1	UBS AG LONDON BRANCH	CAL LKD 51	
90278V 74 3	UBS AG LONDON BRANCH	CAL LKD 61	
90278V 75 0	UBS AG LONDON BRANCH	CAL LKD 61	
90278V 76 8	UBS AG LONDON BRANCH	CAL LKD 61	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 648

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
902788 10 8 *	UMB FINL CORP	COM	
902788 90 8	UMB FINL CORP	CALL	
902788 95 8	UMB FINL CORP	PUT	
90290N 10 9 *	USA COMPRESSION PARTNERS LP	COMUNIT LTDPAR	
90290N 90 9	USA COMPRESSION PARTNERS LP	CALL	
90290N 95 9	USA COMPRESSION PARTNERS LP	PUT	
90290T 80 9	USCF ETF TR	SUMMERHAVEN K1	
90290T 84 1	USCF ETF TR	SUSTAINABLE BAT	ADDED
90290T 85 8	USCF ETF TR	DIVIDEND INC FD	
90290T 86 6	USCF ETF TR	GOLD STRATEGY	
90290T 88 2	USCF ETF TR	MIDSTREAM ENERGY	
90291C 20 1 *	U S GOLD CORP	COM NEW	
90291C 90 1	U S GOLD CORP	CALL	
90291C 95 1	U S GOLD CORP	PUT	
902952 10 0 *	U S GLOBAL INVS INC	CL A	
902952 90 0	U S GLOBAL INVS INC	CALL	
902952 95 0	U S GLOBAL INVS INC	PUT	
902973 30 4 *	US BANCORP DEL	COM NEW	
902973 90 4	US BANCORP DEL	CALL	
902973 95 4	US BANCORP DEL	PUT	
903002 10 3 *	UMH PPTYS INC	COM	
903002 90 3	UMH PPTYS INC	CALL	
903002 95 3	UMH PPTYS INC	PUT	
90328M 10 7 *	USANA HEALTH SCIENCES INC	COM	
90328M 90 7	USANA HEALTH SCIENCES INC	CALL	
90328M 95 7	USANA HEALTH SCIENCES INC	PUT	
903318 10 3 *	USD PARTNERS LP	COM UT REP LTD	
903318 90 3	USD PARTNERS LP	CALL	
903318 95 3	USD PARTNERS LP	PUT	
90337L 10 8 *	U S PHYSICAL THERAPY	COM	
90337L 90 8	U S PHYSICAL THERAPY	CALL	
90337L 95 8	U S PHYSICAL THERAPY	PUT	
90338N 20 2 *	U S XPRESS ENTERPRISES INC	COM CL A	
90338N 90 2	U S XPRESS ENTERPRISES INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 649

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
90338N 95 2	U S XPRESS ENTERPRISES INC	PUT	
90346E 10 3 *	U S SILICA HLDGS INC	COM	
90346E 90 3	U S SILICA HLDGS INC	CALL	
90346E 95 3	U S SILICA HLDGS INC	PUT	
90353T AJ 9	UBER TECHNOLOGIES INC	NOTE	12/1
90353T 10 0 *	UBER TECHNOLOGIES INC	COM	
90353T 90 0	UBER TECHNOLOGIES INC	CALL	
90353T 95 0	UBER TECHNOLOGIES INC	PUT	
90353W 10 3 *	UBIQUITI INC	COM	
90353W 90 3	UBIQUITI INC	CALL	
90353W 95 3	UBIQUITI INC	PUT	
90354D 10 4	UCLOUDLINK GROUP INC	SPONSORED ADS	
90355N 10 1	USCB FINANCIAL HOLDINGS INC	CLASS A COM	
90364P 10 5 *	UIPATH INC	CL A	
90364P 90 5	UIPATH INC	CALL	
90364P 95 5	UIPATH INC	PUT	
90384S 30 3 *	ULTA BEAUTY INC	COM	
90384S 90 3	ULTA BEAUTY INC	CALL	
90384S 95 3	ULTA BEAUTY INC	PUT	
90385V 10 7 *	ULTRA CLEAN HLDGS INC	COM	
90385V 90 7	ULTRA CLEAN HLDGS INC	CALL	
90385V 95 7	ULTRA CLEAN HLDGS INC	PUT	
90386H 37 0	ULTIMUS MANAGERS TR	US VALUE ETF	
90386K 63 9	ULTIMUS MANAGERS TR	Q3 ALL SEASN ACT	
903899 10 2 *	ULTRALIFE CORP	COM	
903899 90 2	ULTRALIFE CORP	CALL	
903899 95 2	ULTRALIFE CORP	PUT	
90400D 10 8 *	ULTRAGENYX PHARMACEUTICAL IN	COM	
90400D 90 8	ULTRAGENYX PHARMACEUTICAL IN	CALL	
90400D 95 8	ULTRAGENYX PHARMACEUTICAL IN	PUT	
90400P 10 1 *	ULTRAPAR PARTICIPACOES SA	SP ADR REP COM	
90400P 90 1	ULTRAPAR PARTICIPACOES SA	CALL	
90400P 95 1	ULTRAPAR PARTICIPACOES SA	PUT	
904214 10 3 *	UMPQUA HLDGS CORP	COM	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 650

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
904214 90 3	UMPQUA HLDGS CORP	CALL	DELETED
904214 95 3	UMPQUA HLDGS CORP	PUT	DELETED
904311 AC 1	UNDER ARMOUR INC	NOTE 1.500% 6/0	
904311 10 7 *	UNDER ARMOUR INC	CL A	
904311 90 7	UNDER ARMOUR INC	CALL	
904311 95 7	UNDER ARMOUR INC	PUT	
904311 20 6 *	UNDER ARMOUR INC	CL C	
904311 90 6	UNDER ARMOUR INC	CALL	
904311 95 6	UNDER ARMOUR INC	PUT	
904607 10 8	UNICO AMERN CORP	COM	
90466Y 10 3	UNICYCIVE THERAPEUTICS INC	COM	
904677 20 0 *	UNIFI INC	COM NEW	
904677 90 0	UNIFI INC	CALL	
904677 95 0	UNIFI INC	PUT	
90470L 42 8	UNIFIED SER TR	NIGHTSHARES 500	
90470L 44 4	UNIFIED SER TR	ONEASCENT INTL	
90470L 46 9	UNIFIED SER TR	ONEASCENT EMGRG	
90470L 47 7 *	UNIFIED SER TR	NIGHTSHARES 2000	
90470L 90 7	UNIFIED SER TR	CALL	
90470L 95 7	UNIFIED SER TR	PUT	
90470L 49 3 *	UNIFIED SER TR	NIGHTSHARES 500	
90470L 90 3	UNIFIED SER TR	CALL	
90470L 95 3	UNIFIED SER TR	PUT	
90470L 51 9 *	UNIFIED SER TR	ONEASCENT CORE P	
90470L 90 9	UNIFIED SER TR	CALL	
90470L 95 9	UNIFIED SER TR	PUT	
90470L 52 7	UNIFIED SER TR	ONEASCENT LARGE	
90470L 55 0	UNIFIED SER TR	BALLAST SMLMD CP	
90470L 56 8	UNIFIED SER TR	ABSLUTE SELCT VL	
904708 10 4 *	UNIFIRST CORP MASS	COM	
904708 90 4	UNIFIRST CORP MASS	CALL	
904708 95 4	UNIFIRST CORP MASS	PUT	
904767 70 4 *	UNILEVER PLC	SPON ADR NEW	
904767 90 4	UNILEVER PLC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 651

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
904767 95 4	UNILEVER PLC	PUT	
905400 10 7	UNION BANKSHARES INC	COM	
907818 10 8 *	UNION PAC CORP	COM	
907818 90 8	UNION PAC CORP	CALL	
907818 95 8	UNION PAC CORP	PUT	
90915J 10 3	UNIQUE FABRICATING INC	COM	
909214 30 6 *	UNISYS CORP	COM NEW	
909214 90 6	UNISYS CORP	CALL	
909214 95 6	UNISYS CORP	PUT	
90984P 30 3 *	UNITED CMNTY BKS BLAIRSVLE G	COM	
90984P 90 3	UNITED CMNTY BKS BLAIRSVLE G	CALL	
90984P 95 3	UNITED CMNTY BKS BLAIRSVLE G	PUT	
909907 10 7 *	UNITED BANKSHARES INC WEST V	COM	
909907 90 7	UNITED BANKSHARES INC WEST V	CALL	
909907 95 7	UNITED BANKSHARES INC WEST V	PUT	
909911 10 9	UNITED BANCORP INC OHIO	COM	
910047 10 9 *	UNITED AIRLS HLDGS INC	COM	
910047 90 9	UNITED AIRLS HLDGS INC	CALL	
910047 95 9	UNITED AIRLS HLDGS INC	PUT	
910340 10 8 *	UNITED FIRE GROUP INC	COM	
910340 90 8	UNITED FIRE GROUP INC	CALL	
910340 95 8	UNITED FIRE GROUP INC	PUT	
910571 10 8	UNITED GUARDIAN INC	COM	
91060H 10 8	UNITED HOMES GROUP INC	CL A	ADDED
91060H 11 6	UNITED HOMES GROUP INC	*W EXP 01/28/202	ADDED
910710 10 2 *	UNITED INS HLDGS CORP	COM	
910710 90 2	UNITED INS HLDGS CORP	CALL	
910710 95 2	UNITED INS HLDGS CORP	PUT	
910873 40 5 *	UNITED MICROELECTRONICS CORP	SPON ADR NEW	
910873 90 5	UNITED MICROELECTRONICS CORP	CALL	
910873 95 5	UNITED MICROELECTRONICS CORP	PUT	
911163 10 3 *	UNITED NAT FOODS INC	COM	
911163 90 3	UNITED NAT FOODS INC	CALL	
911163 95 3	UNITED NAT FOODS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 652

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
911312 10 6 *	UNITED PARCEL SERVICE INC	CL B	
911312 90 6	UNITED PARCEL SERVICE INC	CALL	
911312 95 6	UNITED PARCEL SERVICE INC	PUT	
911363 10 9 *	UNITED RENTALS INC	COM	
911363 90 9	UNITED RENTALS INC	CALL	
911363 95 9	UNITED RENTALS INC	PUT	
911460 10 3 *	UNITED SEC BANCSHARES CALIF	COM	
911460 90 3	UNITED SEC BANCSHARES CALIF	CALL	
911460 95 3	UNITED SEC BANCSHARES CALIF	PUT	
911549 10 3 *	UNITED STATES ANTIMONY CORP	COM	
911549 90 3	UNITED STATES ANTIMONY CORP	CALL	
911549 95 3	UNITED STATES ANTIMONY CORP	PUT	
91167Q 10 0 *	UNITED STS BRENT OIL FD LP	UNIT	
91167Q 90 0	UNITED STS BRENT OIL FD LP	CALL	
91167Q 95 0	UNITED STS BRENT OIL FD LP	PUT	
911684 10 8 *	UNITED STATES CELLULAR CORP	COM	
911684 90 8	UNITED STATES CELLULAR CORP	CALL	
911684 95 8	UNITED STATES CELLULAR CORP	PUT	
911717 10 6 *	UNITED STS COMMODITY INDEX F	COMM IDX FND	
911717 90 6	UNITED STS COMMODITY INDEX F	CALL	
911717 95 6	UNITED STS COMMODITY INDEX F	PUT	
911718 10 4 *	UNITED STS COMMODITY INDEX F	CM REP COPP FD	
911718 90 4	UNITED STS COMMODITY INDEX F	CALL	
911718 95 4	UNITED STS COMMODITY INDEX F	PUT	
911805 30 7	U S ENERGY CORP DEL	COM	
911922 10 2	UNITED STS LIME & MINERALS I	COM	
912008 10 9 *	US FOODS HLDG CORP	COM	
912008 90 9	US FOODS HLDG CORP	CALL	
912008 95 9	US FOODS HLDG CORP	PUT	
91201T 10 2 *	UNITED STS GASOLINE FD LP	UNITS	
91201T 90 2	UNITED STS GASOLINE FD LP	CALL	
91201T 95 2	UNITED STS GASOLINE FD LP	PUT	
912318 30 0 *	UNITED STS NAT GAS FD LP	UNIT PAR	
912318 90 0	UNITED STS NAT GAS FD LP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 653

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
912318 95 0	UNITED STS NAT GAS FD LP	PUT	
91232N 20 7 *	UNITED STS OIL FD LP	UNITS	
91232N 90 7	UNITED STS OIL FD LP	CALL	
91232N 95 7	UNITED STS OIL FD LP	PUT	
91288V 10 3 *	UNITED STS 12 MONTH OIL FD L	UNIT BEN INT	
91288V 90 3	UNITED STS 12 MONTH OIL FD L	CALL	
91288V 95 3	UNITED STS 12 MONTH OIL FD L	PUT	
91288X 10 9 *	UNITED STS 12 MONTH NAT GAS	UNIT BEN INT	
91288X 90 9	UNITED STS 12 MONTH NAT GAS	CALL	
91288X 95 9	UNITED STS 12 MONTH NAT GAS	PUT	
912909 AT 5	UNITED STATES STL CORP	NOTE 5.000%11/0	
912909 10 8 *	UNITED STATES STL CORP NEW	COM	
912909 90 8	UNITED STATES STL CORP NEW	CALL	
912909 95 8	UNITED STATES STL CORP NEW	PUT	
91307C 10 2 *	UNITED THERAPEUTICS CORP DEL	COM	
91307C 90 2	UNITED THERAPEUTICS CORP DEL	CALL	
91307C 95 2	UNITED THERAPEUTICS CORP DEL	PUT	
91324P 10 2 *	UNITEDHEALTH GROUP INC	COM	
91324P 90 2	UNITEDHEALTH GROUP INC	CALL	
91324P 95 2	UNITEDHEALTH GROUP INC	PUT	
91325V 10 8 *	UNITI GROUP INC	COM	
91325V 90 8	UNITI GROUP INC	CALL	
91325V 95 8	UNITI GROUP INC	PUT	
913259 10 7 *	UNITIL CORP	COM	
913259 90 7	UNITIL CORP	CALL	
913259 95 7	UNITIL CORP	PUT	
913290 10 2 *	UNITY BANCORP INC	COM	
913290 90 2	UNITY BANCORP INC	CALL	
913290 95 2	UNITY BANCORP INC	PUT	
91332U AB 7	UNITY SOFTWARE INC	NOTE 11/1	
91332U 10 1 *	UNITY SOFTWARE INC	COM	
91332U 90 1	UNITY SOFTWARE INC	CALL	
91332U 95 1	UNITY SOFTWARE INC	PUT	
91336L 10 7 *	UNIVAR SOLUTIONS INC	COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 654

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
91336L 90 7	UNIVAR SOLUTIONS INC	CALL	
91336L 95 7	UNIVAR SOLUTIONS INC	PUT	
913456 10 9 *	UNIVERSAL CORP VA	COM	
913456 90 9	UNIVERSAL CORP VA	CALL	
913456 95 9	UNIVERSAL CORP VA	PUT	
91347P 10 5 *	UNIVERSAL DISPLAY CORP	COM	
91347P 90 5	UNIVERSAL DISPLAY CORP	CALL	
91347P 95 5	UNIVERSAL DISPLAY CORP	PUT	
913483 10 3 *	UNIVERSAL ELECTRS INC	COM	
913483 90 3	UNIVERSAL ELECTRS INC	CALL	
913483 95 3	UNIVERSAL ELECTRS INC	PUT	
91359E 10 5 *	UNIVERSAL HEALTH RLTY INCOME	SH BEN INT	
91359E 90 5	UNIVERSAL HEALTH RLTY INCOME	CALL	
91359E 95 5	UNIVERSAL HEALTH RLTY INCOME	PUT	
91359V 10 7 *	UNIVERSAL INS HLDGS INC	COM	
91359V 90 7	UNIVERSAL INS HLDGS INC	CALL	
91359V 95 7	UNIVERSAL INS HLDGS INC	PUT	
91381U 20 0 *	UNITY BIOTECHNOLOGY INC	COM NEW	
91381U 90 0	UNITY BIOTECHNOLOGY INC	CALL	
91381U 95 0	UNITY BIOTECHNOLOGY INC	PUT	
913821 30 2	UNIVERSAL SEC INSTRS INC	COM NEW	
913837 10 0 *	UNIVERSAL STAINLESS & ALLOY	COM	
913837 90 0	UNIVERSAL STAINLESS & ALLOY	CALL	
913837 95 0	UNIVERSAL STAINLESS & ALLOY	PUT	
91388P 10 5	UNIVERSAL LOGISTICS HLDGS IN	COM	
913903 10 0 *	UNIVERSAL HLTH SVCS INC	CL B	
913903 90 0	UNIVERSAL HLTH SVCS INC	CALL	
913903 95 0	UNIVERSAL HLTH SVCS INC	PUT	
913915 10 4 *	UNIVERSAL TECHNICAL INST INC	COM	
913915 90 4	UNIVERSAL TECHNICAL INST INC	CALL	
913915 95 4	UNIVERSAL TECHNICAL INST INC	PUT	
915271 10 0 *	UNIVEST FINANCIAL CORPORATIO	COM	
915271 90 0	UNIVEST FINANCIAL CORPORATIO	CALL	
915271 95 0	UNIVEST FINANCIAL CORPORATIO	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 655

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
91529Y 10 6 *	UNUM GROUP	COM	
91529Y 90 6	UNUM GROUP	CALL	
91529Y 95 6	UNUM GROUP	PUT	
91531W 10 6 *	UP FINTECH HLDG LTD	SPONSORED ADS	
91531W 90 6	UP FINTECH HLDG LTD	CALL	
91531W 95 6	UP FINTECH HLDG LTD	PUT	
91532B 11 9	UPHEALTH INC	*W EXP 06/08/202	
91532B 20 0 *	UPHEALTH INC	COM NEW	
91532B 90 0	UPHEALTH INC	CALL	
91532B 95 0	UPHEALTH INC	PUT	
91544A 10 9 *	UPLAND SOFTWARE INC	COM	
91544A 90 9	UPLAND SOFTWARE INC	CALL	
91544A 95 9	UPLAND SOFTWARE INC	PUT	
91680M AB 3	UPSTART HLDGS INC	NOTE 0.250% 8/1	
91680M 10 7 *	UPSTART HLDGS INC	COM	
91680M 90 7	UPSTART HLDGS INC	CALL	
91680M 95 7	UPSTART HLDGS INC	PUT	
91688F AB 0	UPWORK INC	NOTE 0.250% 8/1	
91688F 10 4 *	UPWORK INC	COM	
91688F 90 4	UPWORK INC	CALL	
91688F 95 4	UPWORK INC	PUT	
91688R 10 8	UR-ENERGY INC	COM	
916896 10 3 *	URANIUM ENERGY CORP	COM	
916896 90 3	URANIUM ENERGY CORP	CALL	
916896 95 3	URANIUM ENERGY CORP	PUT	
91702V 10 1 *	URANIUM RTY CORP	COM	
91702V 90 1	URANIUM RTY CORP	CALL	
91702V 95 1	URANIUM RTY CORP	PUT	
91704F 10 4 *	URBAN EDGE PPTYS	COM	
91704F 90 4	URBAN EDGE PPTYS	CALL	
91704F 95 4	URBAN EDGE PPTYS	PUT	
91704K 20 2 *	URBAN-GRO INC	COM NEW	
91704K 90 2	URBAN-GRO INC	CALL	
91704K 95 2	URBAN-GRO INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 656

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
917047 10 2 *	URBAN OUTFITTERS INC	COM	
917047 90 2	URBAN OUTFITTERS INC	CALL	
917047 95 2	URBAN OUTFITTERS INC	PUT	
91705J 10 5 *	URBAN ONE INC	CL A	
91705J 90 5	URBAN ONE INC	CALL	
91705J 95 5	URBAN ONE INC	PUT	
91705J 20 4 *	URBAN ONE INC	CL D NON VTG	
91705J 90 4	URBAN ONE INC	CALL	
91705J 95 4	URBAN ONE INC	PUT	
917286 10 6	URSTADT BIDDLE PPTYS INC	COM	
917286 20 5 *	URSTADT BIDDLE PPTYS INC	CL A	
917286 90 5	URSTADT BIDDLE PPTYS INC	CALL	
917286 95 5	URSTADT BIDDLE PPTYS INC	PUT	
917313 10 8 *	USIO INC	COM	
917313 90 8	USIO INC	CALL	
917313 95 8	USIO INC	PUT	
91734E 10 1 *	USERTESTING INC	COM	DELETED
91734E 90 1	USERTESTING INC	CALL	DELETED
91734E 95 1	USERTESTING INC	PUT	DELETED
917488 10 8	UTAH MED PRODS INC	COM	
918090 10 1 *	UTZ BRANDS INC	COM CL A	
918090 90 1	UTZ BRANDS INC	CALL	
918090 95 1	UTZ BRANDS INC	PUT	
91818X 20 7 *	UXIN LTD	SPON ADS NEW	
91818X 90 7	UXIN LTD	CALL	
91818X 95 7	UXIN LTD	PUT	
918204 10 8 *	V F CORP	COM	
918204 90 8	V F CORP	CALL	
918204 95 8	V F CORP	PUT	
91822J 10 3 *	VBI VACCINES INC CDA	COM NEW	
91822J 90 3	VBI VACCINES INC CDA	CALL	
91822J 95 3	VBI VACCINES INC CDA	PUT	
91822M 10 6 *	VEON LTD	SPONSORED ADR	DELETED
91822M 90 6	VEON LTD	CALL	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 657

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
91822M 95 6	VEON LTD	PUT	DELETED
91822M 50 2 *	VEON LTD	SPONSORED ADS	ADDED
91822M 90 2	VEON LTD	CALL	ADDED
91822M 95 2	VEON LTD	PUT	ADDED
91823B 10 9 *	UWM HOLDINGS CORPORATION	COM CL A	
91823B 90 9	UWM HOLDINGS CORPORATION	CALL	
91823B 95 9	UWM HOLDINGS CORPORATION	PUT	
91823B 11 7	UWM HOLDINGS CORPORATION	*W EXP 01/21/202	
91823Y 10 9	VIA OPTRONICS AG	SPONSORED ADS	
91825V 40 0 *	VIQ SOLUTIONS INC	COM NEW	
91825V 90 0	VIQ SOLUTIONS INC	CALL	
91825V 95 0	VIQ SOLUTIONS INC	PUT	
918284 10 0 *	VSE CORP	COM	
918284 90 0	VSE CORP	CALL	
918284 95 0	VSE CORP	PUT	
91829B 10 3 *	VOC ENERGY TR	TR UNIT	
91829B 90 3	VOC ENERGY TR	CALL	
91829B 95 3	VOC ENERGY TR	PUT	
91829F 10 4 *	VOXX INTL CORP	CL A	
91829F 90 4	VOXX INTL CORP	CALL	
91829F 95 4	VOXX INTL CORP	PUT	
918385 10 5	VTV THERAPEUTICS INC	CL A	
91842V 10 2	VMG CONSUMER ACQUISITION COR	CLASS A COM	
91842V 11 0	VMG CONSUMER ACQUISITION COR	*W EXP 11/03/202	
91842V 20 1	VMG CONSUMER ACQUISITION COR	UNIT 11/08/2026	
91851C 20 1 *	VAALCO ENERGY INC	COM NEW	
91851C 90 1	VAALCO ENERGY INC	CALL	
91851C 95 1	VAALCO ENERGY INC	PUT	
91854V 10 7 *	VACASA INC	CLASS A COM	
91854V 90 7	VACASA INC	CALL	
91854V 95 7	VACASA INC	PUT	
91864C 10 7	VACCITECH PLC	ADS	
918640 10 3 *	VACCINEX INC	COM	
918640 90 3	VACCINEX INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 658

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
918640 95 3	VACCINEX INC	PUT	
91879Q AN 9	VAIL RESORTS INC	NOTE 1/0	
91879Q 10 9 *	VAIL RESORTS INC	COM	
91879Q 90 9	VAIL RESORTS INC	CALL	
91879Q 95 9	VAIL RESORTS INC	PUT	
918905 20 9	VALHI INC NEW	COM	
91912E 10 5 *	VALE S A	SPONSORED ADS	
91912E 90 5	VALE S A	CALL	
91912E 95 5	VALE S A	PUT	
91913Y 10 0 *	VALERO ENERGY CORP	COM	
91913Y 90 0	VALERO ENERGY CORP	CALL	
91913Y 95 0	VALERO ENERGY CORP	PUT	
91914P 60 3 *	THE VALENS COMPANY INC	COM NEW	DELETED
91914P 90 3	THE VALENS COMPANY INC	CALL	DELETED
91914P 95 3	THE VALENS COMPANY INC	PUT	DELETED
91917A 10 8 *	VALKYRIE ETF TRUST II	BITCOIN STRATEGY	
91917A 90 8	VALKYRIE ETF TRUST II	CALL	
91917A 95 8	VALKYRIE ETF TRUST II	PUT	
91917A 20 7 *	VALKYRIE ETF TRUST II	BITCOIN MINERS	
91917A 90 7	VALKYRIE ETF TRUST II	CALL	
91917A 95 7	VALKYRIE ETF TRUST II	PUT	
919794 10 7 *	VALLEY NATL BANCORP	COM	
919794 90 7	VALLEY NATL BANCORP	CALL	
919794 95 7	VALLEY NATL BANCORP	PUT	
92023M 10 1	VALLON PHARMACEUTICALS INC	COM	
92025Y 10 3	VALNEVA SE	SPONSORED ADS	
920253 10 1 *	VALMONT INDS INC	COM	
920253 90 1	VALMONT INDS INC	CALL	
920253 95 1	VALMONT INDS INC	PUT	
920437 10 0	VALUE LINE INC	COM	
92046L 35 3	VALUED ADVISERS TR	KOVITZ CORE EQT	
92047W 10 1 *	VALVOLINE INC	COM	
92047W 90 1	VALVOLINE INC	CALL	
92047W 95 1	VALVOLINE INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 659

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
921078 10 1 *	VANECK MERK GOLD TR	GOLD TRUST	
921078 90 1	VANECK MERK GOLD TR	CALL	
921078 95 1	VANECK MERK GOLD TR	PUT	
921659 10 8 *	VANDA PHARMACEUTICALS INC	COM	
921659 90 8	VANDA PHARMACEUTICALS INC	CALL	
921659 95 8	VANDA PHARMACEUTICALS INC	PUT	
92189F 10 6 *	VANECK ETF TRUST	GOLD MINERS ETF	
92189F 90 6	VANECK ETF TRUST	CALL	
92189F 95 6	VANECK ETF TRUST	PUT	
92189F 11 4 *	VANECK ETF TRUST	VIDEO GMNG ESPRT	
92189F 90 4	VANECK ETF TRUST	CALL	
92189F 95 4	VANECK ETF TRUST	PUT	
92189F 12 2	VANECK ETF TRUST	MRNGSTR GBL WIDE	
92189F 13 0 *	VANECK ETF TRUST	INFLATION ALLOCA	
92189F 90 0	VANECK ETF TRUST	CALL	
92189F 95 0	VANECK ETF TRUST	PUT	
92189F 14 8	VANECK ETF TRUST	LONG/FLAT TREND	
92189F 17 1	VANECK ETF TRUST	GREEN BOND ETF	
92189F 20 5 *	VANECK ETF TRUST	STEEL ETF	
92189F 90 5	VANECK ETF TRUST	CALL	
92189F 95 5	VANECK ETF TRUST	PUT	
92189F 30 4 *	VANECK ETF TRUST	ENVIRONMENTAL SR	
92189F 90 4	VANECK ETF TRUST	CALL	
92189F 95 4	VANECK ETF TRUST	PUT	
92189F 35 3	VANECK ETF TRUST	EMERGING MRKT HI	
92189F 37 9	VANECK ETF TRUST	CHINA BOND ETF	
92189F 38 7	VANECK ETF TRUST	SHRT HGH YLD MUN	
92189F 40 3 *	VANECK ETF TRUST	VANECK RUSSIA ET	DELETED
92189F 90 3	VANECK ETF TRUST	CALL	DELETED
92189F 95 3	VANECK ETF TRUST	PUT	DELETED
92189F 41 1 *	VANECK ETF TRUST	BDC INCOME ETF	
92189F 90 1	VANECK ETF TRUST	CALL	
92189F 95 1	VANECK ETF TRUST	PUT	
92189F 42 9 *	VANECK ETF TRUST	PREFERRED SECURT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 660

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92189F 90 9	VANECK ETF TRUST	CALL	
92189F 95 9	VANECK ETF TRUST	PUT	
92189F 43 7 *	VANECK ETF TRUST	FALLEN ANGEL HG	
92189F 90 7	VANECK ETF TRUST	CALL	
92189F 95 7	VANECK ETF TRUST	PUT	
92189F 44 5 *	VANECK ETF TRUST	INTERNATIONAL HI	
92189F 90 5	VANECK ETF TRUST	CALL	
92189F 95 5	VANECK ETF TRUST	PUT	
92189F 45 2 *	VANECK ETF TRUST	MORTGAGE REIT	
92189F 90 2	VANECK ETF TRUST	CALL	
92189F 95 2	VANECK ETF TRUST	PUT	
92189F 46 0	VANECK ETF TRUST	CEF MUNI INCOME	
92189F 48 6	VANECK ETF TRUST	IG FLOATING RATE	
92189F 50 2 *	VANECK ETF TRUST	LOW CARBN ENERGY	
92189F 90 2	VANECK ETF TRUST	CALL	
92189F 95 2	VANECK ETF TRUST	PUT	
92189F 52 8 *	VANECK ETF TRUST	VANECK SHRT MUNI	
92189F 90 8	VANECK ETF TRUST	CALL	
92189F 95 8	VANECK ETF TRUST	PUT	
92189F 53 6 *	VANECK ETF TRUST	LONG MUNI ETF	
92189F 90 6	VANECK ETF TRUST	CALL	
92189F 95 6	VANECK ETF TRUST	PUT	
92189F 58 5 *	VANECK ETF TRUST	OIL REFINERS ETF	
92189F 90 5	VANECK ETF TRUST	CALL	
92189F 95 5	VANECK ETF TRUST	PUT	
92189F 59 3	VANECK ETF TRUST	MRNGSTR INT MOAT	
92189F 60 1 *	VANECK ETF TRUST	URANIUM PLS NUCL	
92189F 90 1	VANECK ETF TRUST	CALL	
92189F 95 1	VANECK ETF TRUST	PUT	
92189F 62 7 *	VANECK ETF TRUST	CHINEXT ETF	
92189F 90 7	VANECK ETF TRUST	CALL	
92189F 95 7	VANECK ETF TRUST	PUT	
92189F 63 5 *	VANECK ETF TRUST	ISRAEL ETF	
92189F 90 5	VANECK ETF TRUST	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 661

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92189F 95 5	VANECK ETF TRUST	PUT	
92189F 64 3 *	VANECK ETF TRUST	MRNGSTR WDE MOAT	
92189F 90 3	VANECK ETF TRUST	CALL	
92189F 95 3	VANECK ETF TRUST	PUT	
92189F 67 6 *	VANECK ETF TRUST	SEMICONDUCTR ETF	
92189F 90 6	VANECK ETF TRUST	CALL	
92189F 95 6	VANECK ETF TRUST	PUT	
92189F 68 4 *	VANECK ETF TRUST	RETAIL ETF	
92189F 90 4	VANECK ETF TRUST	CALL	
92189F 95 4	VANECK ETF TRUST	PUT	
92189F 69 2 *	VANECK ETF TRUST	PHARMACEUTCL ETF	
92189F 90 2	VANECK ETF TRUST	CALL	
92189F 95 2	VANECK ETF TRUST	PUT	
92189F 70 0 *	VANECK ETF TRUST	AGRIBUSINESS ETF	
92189F 90 0	VANECK ETF TRUST	CALL	
92189F 95 0	VANECK ETF TRUST	PUT	
92189F 72 6 *	VANECK ETF TRUST	BIOTECH ETF	
92189F 90 6	VANECK ETF TRUST	CALL	
92189F 95 6	VANECK ETF TRUST	PUT	
92189F 73 4	VANECK ETF TRUST	RUSSIA SML CAP	DELETED
92189F 75 9 *	VANECK ETF TRUST	CHINA GROWTH LDR	
92189F 90 9	VANECK ETF TRUST	CALL	
92189F 95 9	VANECK ETF TRUST	PUT	
92189F 76 7 *	VANECK ETF TRUST	INDIA GROWTH LDR	
92189F 90 7	VANECK ETF TRUST	CALL	
92189F 95 7	VANECK ETF TRUST	PUT	
92189F 77 5	VANECK ETF TRUST	EGYPT INDEX ETF	
92189F 79 1 *	VANECK ETF TRUST	JUNIOR GOLD MINE	
92189F 90 1	VANECK ETF TRUST	CALL	
92189F 95 1	VANECK ETF TRUST	PUT	
92189F 81 7	VANECK ETF TRUST	VANECK VIETNAM	
92189F 82 5 *	VANECK ETF TRUST	BRAZIL SMALL CAP	
92189F 90 5	VANECK ETF TRUST	CALL	
92189F 95 5	VANECK ETF TRUST	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 662

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92189F 83 3	VANECK ETF TRUST	INDONESIA INDEX	
92189F 84 1 *	VANECK ETF TRUST	NATURAL RESOURC	
92189F 90 1	VANECK ETF TRUST	CALL	
92189F 95 1	VANECK ETF TRUST	PUT	
92189F 86 6 *	VANECK ETF TRUST	AFRICA INDEX ETF	
92189F 90 6	VANECK ETF TRUST	CALL	
92189F 95 6	VANECK ETF TRUST	PUT	
92189F 88 2 *	VANECK ETF TRUST	GAMING ETF	
92189F 90 2	VANECK ETF TRUST	CALL	
92189F 95 2	VANECK ETF TRUST	PUT	
92189H 10 2 *	VANECK ETF TRUST	DURABLE HGH DIV	
92189H 90 2	VANECK ETF TRUST	CALL	
92189H 95 2	VANECK ETF TRUST	PUT	
92189H 20 1 *	VANECK ETF TRUST	INTRMDT MUNI ETF	
92189H 90 1	VANECK ETF TRUST	CALL	
92189H 95 1	VANECK ETF TRUST	PUT	
92189H 30 0 *	VANECK ETF TRUST	JP MRGAN EM LOC	
92189H 90 0	VANECK ETF TRUST	CALL	
92189H 95 0	VANECK ETF TRUST	PUT	
92189H 40 9 *	VANECK ETF TRUST	HIGH YLD MUNIETF	
92189H 90 9	VANECK ETF TRUST	CALL	
92189H 95 9	VANECK ETF TRUST	PUT	
92189H 50 8	VANECK ETF TRUST	MUNI ALOCATN ETF	
92189H 60 7 *	VANECK ETF TRUST	OIL SERVICES ETF	
92189H 90 7	VANECK ETF TRUST	CALL	
92189H 95 7	VANECK ETF TRUST	PUT	
92189H 72 2	VANECK ETF TRUST	GREEN INFRASTRUC	
92189H 73 0 *	VANECK ETF TRUST	MORNINGSTAR SMID	
92189H 90 0	VANECK ETF TRUST	CALL	
92189H 95 0	VANECK ETF TRUST	PUT	
92189H 74 8	VANECK ETF TRUST	CLO ETF	
92189H 75 5	VANECK ETF TRUST	DYNAMIC HIGH INM	
92189H 76 3 *	VANECK ETF TRUST	DIGITAL ASTS MNG	
92189H 90 3	VANECK ETF TRUST	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 663

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92189H 95 3	VANECK ETF TRUST	PUT	
92189H 77 1	VANECK ETF TRUST	COMMODITY STGY	
92189H 78 9	VANECK ETF TRUST	DIGITAL INDIA ET	
92189H 79 7	VANECK ETF TRUST	FUTURE OF FOOD	
92189H 80 5 *	VANECK ETF TRUST	RARE EARTH/STRTG	
92189H 90 5	VANECK ETF TRUST	CALL	
92189H 95 5	VANECK ETF TRUST	PUT	
92189H 81 3	VANECK ETF TRUST	HIP SUSTBLE MUNI	
92189H 82 1 *	VANECK ETF TRUST	DIGI TRANSFRM	
92189H 90 1	VANECK ETF TRUST	CALL	
92189H 95 1	VANECK ETF TRUST	PUT	
92189H 83 9 *	VANECK ETF TRUST	SOCIAL SENTIMENT	
92189H 90 9	VANECK ETF TRUST	CALL	
92189H 95 9	VANECK ETF TRUST	PUT	
92189H 85 4	VANECK ETF TRUST	MOODYS ANLYT BBB	
92189H 86 2	VANECK ETF TRUST	MOODYS ANLTCS IG	
92189H 87 0 *	VANECK ETF TRUST	ENERGY INCME ET	
92189H 90 0	VANECK ETF TRUST	CALL	
92189H 95 0	VANECK ETF TRUST	PUT	
92189Y 10 5	VANECK ETF TRUST	MORNINGSTAR ESG	
92189Y 20 4 *	VANECK ETF TRUST	GREEN METALS ETF	
92189Y 90 4	VANECK ETF TRUST	CALL	
92189Y 95 4	VANECK ETF TRUST	PUT	
92189Y 30 3 *	VANECK ETF TRUST	BITCOIN STRATEGY	
92189Y 90 3	VANECK ETF TRUST	CALL	
92189Y 95 3	VANECK ETF TRUST	PUT	
921908 84 4 *	VANGUARD SPECIALIZED FUNDS	DIV APP ETF	
921908 90 4	VANGUARD SPECIALIZED FUNDS	CALL	
921908 95 4	VANGUARD SPECIALIZED FUNDS	PUT	
921909 76 8 *	VANGUARD STAR FDS	VG TL INTL STK F	
921909 90 8	VANGUARD STAR FDS	CALL	
921909 95 8	VANGUARD STAR FDS	PUT	
921910 69 1	VANGUARD WORLD FD	ESG US CORP BD	
921910 70 9 *	VANGUARD WORLD FD	EXTENDED DUR	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 664

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
921910 90 9	VANGUARD WORLD FD	CALL	
921910 95 9	VANGUARD WORLD FD	PUT	
921910 72 5	VANGUARD WORLD FD	ESG INTL STK ETF	
921910 73 3	VANGUARD WORLD FD	ESG US STK ETF	
921910 81 6 *	VANGUARD WORLD FD	MEGA GRWTH IND	
921910 90 6	VANGUARD WORLD FD	CALL	
921910 95 6	VANGUARD WORLD FD	PUT	
921910 84 0 *	VANGUARD WORLD FD	MEGA CAP VAL ETF	
921910 90 0	VANGUARD WORLD FD	CALL	
921910 95 0	VANGUARD WORLD FD	PUT	
921910 87 3 *	VANGUARD WORLD FD	MEGA CAP INDEX	
921910 90 3	VANGUARD WORLD FD	CALL	
921910 95 3	VANGUARD WORLD FD	PUT	
921932 50 5 *	VANGUARD ADMIRAL FDS INC	500 GRTH IDX F	
921932 90 5	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 5	VANGUARD ADMIRAL FDS INC	PUT	
921932 70 3 *	VANGUARD ADMIRAL FDS INC	500 VAL IDX FD	
921932 90 3	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 3	VANGUARD ADMIRAL FDS INC	PUT	
921932 77 8 *	VANGUARD ADMIRAL FDS INC	SMLCP 600 VAL	
921932 90 8	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 8	VANGUARD ADMIRAL FDS INC	PUT	
921932 79 4 *	VANGUARD ADMIRAL FDS INC	SMLCP 600 GRTH	
921932 90 4	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 4	VANGUARD ADMIRAL FDS INC	PUT	
921932 82 8 *	VANGUARD ADMIRAL FDS INC	SMLLCP 600 IDX	
921932 90 8	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 8	VANGUARD ADMIRAL FDS INC	PUT	
921932 84 4 *	VANGUARD ADMIRAL FDS INC	MIDCP 400 VAL	
921932 90 4	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 4	VANGUARD ADMIRAL FDS INC	PUT	
921932 86 9 *	VANGUARD ADMIRAL FDS INC	MIDCP 400 GRTH	
921932 90 9	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 9	VANGUARD ADMIRAL FDS INC	PUT	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
921932 88 5 *	VANGUARD ADMIRAL FDS INC	MIDCP 400 IDX	
921932 90 5	VANGUARD ADMIRAL FDS INC	CALL	
921932 95 5	VANGUARD ADMIRAL FDS INC	PUT	
921935 40 9 *	VANGUARD WELLINGTON FD	US MINIMUM	
921935 90 9	VANGUARD WELLINGTON FD	CALL	
921935 95 9	VANGUARD WELLINGTON FD	PUT	
921935 50 8 *	VANGUARD WELLINGTON FD	US MOMENTUM	
921935 90 8	VANGUARD WELLINGTON FD	CALL	
921935 95 8	VANGUARD WELLINGTON FD	PUT	
921935 60 7 *	VANGUARD WELLINGTON FD	US MULTIFACTOR	
921935 90 7	VANGUARD WELLINGTON FD	CALL	
921935 95 7	VANGUARD WELLINGTON FD	PUT	
921935 70 6 *	VANGUARD WELLINGTON FD	US QUALITY	
921935 90 6	VANGUARD WELLINGTON FD	CALL	
921935 95 6	VANGUARD WELLINGTON FD	PUT	
921935 80 5 *	VANGUARD WELLINGTON FD	US VALUE FACTR	
921935 90 5	VANGUARD WELLINGTON FD	CALL	
921935 95 5	VANGUARD WELLINGTON FD	PUT	
921935 87 0	VANGUARD WELLINGTON FD	SHORT TRM TAX EX	ADDED
921937 79 3 *	VANGUARD BD INDEX FDS	LONG TERM BOND	
921937 90 3	VANGUARD BD INDEX FDS	CALL	
921937 95 3	VANGUARD BD INDEX FDS	PUT	
921937 81 9 *	VANGUARD BD INDEX FDS	INTERMED TERM	
921937 90 9	VANGUARD BD INDEX FDS	CALL	
921937 95 9	VANGUARD BD INDEX FDS	PUT	
921937 82 7 *	VANGUARD BD INDEX FDS	SHORT TRM BOND	
921937 90 7	VANGUARD BD INDEX FDS	CALL	
921937 95 7	VANGUARD BD INDEX FDS	PUT	
921937 83 5 *	VANGUARD BD INDEX FDS	TOTAL BND MRKT	
921937 90 5	VANGUARD BD INDEX FDS	CALL	
921937 95 5	VANGUARD BD INDEX FDS	PUT	
921943 85 8 *	VANGUARD TAX-MANAGED FDS	VAN FTSE DEV MKT	
921943 90 8	VANGUARD TAX-MANAGED FDS	CALL	
921943 95 8	VANGUARD TAX-MANAGED FDS	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 666

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
921946 40 6 *	VANGUARD WHITEHALL FDS	HIGH DIV YLD	
921946 90 6	VANGUARD WHITEHALL FDS	CALL	
921946 95 6	VANGUARD WHITEHALL FDS	PUT	
921946 79 4 *	VANGUARD WHITEHALL FDS	INTL HIGH ETF	
921946 90 4	VANGUARD WHITEHALL FDS	CALL	
921946 95 4	VANGUARD WHITEHALL FDS	PUT	
921946 81 0 *	VANGUARD WHITEHALL FDS	INTL DVD ETF	
921946 90 0	VANGUARD WHITEHALL FDS	CALL	
921946 95 0	VANGUARD WHITEHALL FDS	PUT	
921946 88 5 *	VANGUARD WHITEHALL FDS	EM MK GOV BD ETF	
921946 90 5	VANGUARD WHITEHALL FDS	CALL	
921946 95 5	VANGUARD WHITEHALL FDS	PUT	
922020 80 5 *	VANGUARD MALVERN FDS	STRM INFPROIDX	
922020 90 5	VANGUARD MALVERN FDS	CALL	
922020 95 5	VANGUARD MALVERN FDS	PUT	
92203C 30 3	VANGUARD BD INDEX FDS	VANGUARD ULTRA	
92203J 40 7 *	VANGUARD CHARLOTTE FDS	TOTAL INT BD ETF	
92203J 90 7	VANGUARD CHARLOTTE FDS	CALL	
92203J 95 7	VANGUARD CHARLOTTE FDS	PUT	
92204A 10 8 *	VANGUARD WORLD FDS	CONSUM DIS ETF	
92204A 90 8	VANGUARD WORLD FDS	CALL	
92204A 95 8	VANGUARD WORLD FDS	PUT	
92204A 20 7 *	VANGUARD WORLD FDS	CONSUM STP ETF	
92204A 90 7	VANGUARD WORLD FDS	CALL	
92204A 95 7	VANGUARD WORLD FDS	PUT	
92204A 30 6 *	VANGUARD WORLD FDS	ENERGY ETF	
92204A 90 6	VANGUARD WORLD FDS	CALL	
92204A 95 6	VANGUARD WORLD FDS	PUT	
92204A 40 5 *	VANGUARD WORLD FDS	FINANCIALS ETF	
92204A 90 5	VANGUARD WORLD FDS	CALL	
92204A 95 5	VANGUARD WORLD FDS	PUT	
92204A 50 4 *	VANGUARD WORLD FDS	HEALTH CAR ETF	
92204A 90 4	VANGUARD WORLD FDS	CALL	
92204A 95 4	VANGUARD WORLD FDS	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 667

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92204A 60 3 *	VANGUARD WORLD FDS	INDUSTRIAL ETF	
92204A 90 3	VANGUARD WORLD FDS	CALL	
92204A 95 3	VANGUARD WORLD FDS	PUT	
92204A 70 2 *	VANGUARD WORLD FDS	INF TECH ETF	
92204A 90 2	VANGUARD WORLD FDS	CALL	
92204A 95 2	VANGUARD WORLD FDS	PUT	
92204A 80 1 *	VANGUARD WORLD FDS	MATERIALS ETF	
92204A 90 1	VANGUARD WORLD FDS	CALL	
92204A 95 1	VANGUARD WORLD FDS	PUT	
92204A 87 6 *	VANGUARD WORLD FDS	UTILITIES ETF	
92204A 90 6	VANGUARD WORLD FDS	CALL	
92204A 95 6	VANGUARD WORLD FDS	PUT	
92204A 88 4 *	VANGUARD WORLD FDS	COMM SRVC ETF	
92204A 90 4	VANGUARD WORLD FDS	CALL	
92204A 95 4	VANGUARD WORLD FDS	PUT	
922042 67 6 *	VANGUARD INTL EQUITY INDEX F	GLB EX US ETF	
922042 90 6	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 6	VANGUARD INTL EQUITY INDEX F	PUT	
922042 71 8 *	VANGUARD INTL EQUITY INDEX F	FTSE SMCAP ETF	
922042 90 8	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 8	VANGUARD INTL EQUITY INDEX F	PUT	
922042 74 2 *	VANGUARD INTL EQUITY INDEX F	TT WRLD ST ETF	
922042 90 2	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 2	VANGUARD INTL EQUITY INDEX F	PUT	
922042 77 5 *	VANGUARD INTL EQUITY INDEX F	ALLWRLD EX US	
922042 90 5	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 5	VANGUARD INTL EQUITY INDEX F	PUT	
922042 85 8 *	VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	
922042 90 8	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 8	VANGUARD INTL EQUITY INDEX F	PUT	
922042 86 6 *	VANGUARD INTL EQUITY INDEX F	FTSE PACIFIC ETF	
922042 90 6	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 6	VANGUARD INTL EQUITY INDEX F	PUT	
922042 87 4 *	VANGUARD INTL EQUITY INDEX F	FTSE EUROPE ETF	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 668

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
922042 90 4	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 4	VANGUARD INTL EQUITY INDEX F	PUT	
92206C 10 2 *	VANGUARD SCOTTSDALE FDS	SHORT TERM TREAS	
92206C 90 2	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 2	VANGUARD SCOTTSDALE FDS	PUT	
92206C 40 9 *	VANGUARD SCOTTSDALE FDS	SHRT TRM CORP BD	
92206C 90 9	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 9	VANGUARD SCOTTSDALE FDS	PUT	
92206C 56 5	VANGUARD SCOTTSDALE FDS	TOTAL WLD BD ETF	
92206C 57 3 *	VANGUARD SCOTTSDALE FDS	TOTAL CORP BND	
92206C 90 3	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 3	VANGUARD SCOTTSDALE FDS	PUT	
92206C 59 9 *	VANGUARD SCOTTSDALE FDS	VNG RUS3000IDX	
92206C 90 9	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 9	VANGUARD SCOTTSDALE FDS	PUT	
92206C 62 3 *	VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW	
92206C 90 3	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 3	VANGUARD SCOTTSDALE FDS	PUT	
92206C 64 9 *	VANGUARD SCOTTSDALE FDS	VNG RUS2000VAL	
92206C 90 9	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 9	VANGUARD SCOTTSDALE FDS	PUT	
92206C 66 4 *	VANGUARD SCOTTSDALE FDS	VNG RUS2000IDX	
92206C 90 4	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 4	VANGUARD SCOTTSDALE FDS	PUT	
92206C 68 0 *	VANGUARD SCOTTSDALE FDS	VNG RUS1000GRW	
92206C 90 0	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 0	VANGUARD SCOTTSDALE FDS	PUT	
92206C 70 6 *	VANGUARD SCOTTSDALE FDS	INTER TERM TREAS	
92206C 90 6	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 6	VANGUARD SCOTTSDALE FDS	PUT	
92206C 71 4 *	VANGUARD SCOTTSDALE FDS	VNG RUS1000VAL	
92206C 90 4	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 4	VANGUARD SCOTTSDALE FDS	PUT	
92206C 73 0 *	VANGUARD SCOTTSDALE FDS	VNG RUS1000IDX	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 669

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92206C 90 0	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 0	VANGUARD SCOTTSDALE FDS	PUT	
92206C 77 1 *	VANGUARD SCOTTSDALE FDS	MTG-BKD SECS ETF	
92206C 90 1	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 1	VANGUARD SCOTTSDALE FDS	PUT	
92206C 81 3 *	VANGUARD SCOTTSDALE FDS	LG-TERM COR BD	
92206C 90 3	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 3	VANGUARD SCOTTSDALE FDS	PUT	
92206C 84 7 *	VANGUARD SCOTTSDALE FDS	LONG TERM TREAS	
92206C 90 7	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 7	VANGUARD SCOTTSDALE FDS	PUT	
92206C 87 0 *	VANGUARD SCOTTSDALE FDS	INT-TERM CORP	
92206C 90 0	VANGUARD SCOTTSDALE FDS	CALL	
92206C 95 0	VANGUARD SCOTTSDALE FDS	PUT	
922107 10 7 *	VAPOTHERM INC	COM	
922107 90 7	VAPOTHERM INC	CALL	
922107 95 7	VAPOTHERM INC	PUT	
92214X AB 2	VAREX IMAGING CORP	NOTE 4.000% 6/0	
92214X 10 6 *	VAREX IMAGING CORP	COM	
92214X 90 6	VAREX IMAGING CORP	CALL	
92214X 95 6	VAREX IMAGING CORP	PUT	
922280 AB 8	VARONIS SYS INC	NOTE 1.250% 8/1	
922280 10 2 *	VARONIS SYS INC	COM	
922280 90 2	VARONIS SYS INC	CALL	
922280 95 2	VARONIS SYS INC	PUT	
92240M 10 8 *	VECTOR GROUP LTD	COM	
92240M 90 8	VECTOR GROUP LTD	CALL	
92240M 95 8	VECTOR GROUP LTD	PUT	
922417 AD 2	VEECO INSTRS INC DEL	NOTE 2.700% 1/1	DELETED
922417 AF 7	VEECO INSTRS INC DEL	NOTE 3.750% 6/0	
922417 AG 5	VEECO INSTRS INC DEL	NOTE 3.500% 1/1	
922417 10 0 *	VEECO INSTRS INC DEL	COM	
922417 90 0	VEECO INSTRS INC DEL	CALL	
922417 95 0	VEECO INSTRS INC DEL	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 670

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92242T 10 1 *	V2X INC	COM	
92242T 90 1	V2X INC	CALL	
92242T 95 1	V2X INC	PUT	
92243A 20 0 *	VAXART INC	COM NEW	
92243A 90 0	VAXART INC	CALL	
92243A 95 0	VAXART INC	PUT	
92243G 10 8 *	VAXCYTE INC	COM	
92243G 90 8	VAXCYTE INC	CALL	
92243G 95 8	VAXCYTE INC	PUT	
92244V 10 4	VAXXINITY INC	COM CL A	
922475 10 8 *	VEEVA SYS INC	CL A COM	
922475 90 8	VEEVA SYS INC	CALL	
922475 95 8	VEEVA SYS INC	PUT	
92259F 10 1 *	VELODYNE LIDAR INC	COM	DELETED
92259F 90 1	VELODYNE LIDAR INC	CALL	DELETED
92259F 95 1	VELODYNE LIDAR INC	PUT	DELETED
92259F 11 9	VELODYNE LIDAR INC	*W EXP 09/29/202	DELETED
92259N 10 4 *	VELO3D INC	COMMON STOCK	
92259N 90 4	VELO3D INC	CALL	
92259N 95 4	VELO3D INC	PUT	
92259N 11 2	VELO3D INC	*W EXP 09/29/202	
92262D 10 1 *	VELOCITY FINL INC	COM	
92262D 90 1	VELOCITY FINL INC	CALL	
92262D 95 1	VELOCITY FINL INC	PUT	
92276F 10 0 *	VENTAS INC	COM	
92276F 90 0	VENTAS INC	CALL	
92276F 95 0	VENTAS INC	PUT	
922907 74 6 *	VANGUARD MUN BD FDS	TAX EXEMPT BD	
922907 90 6	VANGUARD MUN BD FDS	CALL	
922907 95 6	VANGUARD MUN BD FDS	PUT	
922908 36 3 *	VANGUARD INDEX FDS	S&P 500 ETF SHS	
922908 90 3	VANGUARD INDEX FDS	CALL	
922908 95 3	VANGUARD INDEX FDS	PUT	
922908 51 2 *	VANGUARD INDEX FDS	MCAP VL IDXVIP	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 671

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
922908 90 2	VANGUARD INDEX FDS	CALL	
922908 95 2	VANGUARD INDEX FDS	PUT	
922908 53 8 *	VANGUARD INDEX FDS	MCAP GR IDXVIP	
922908 90 8	VANGUARD INDEX FDS	CALL	
922908 95 8	VANGUARD INDEX FDS	PUT	
922908 55 3 *	VANGUARD INDEX FDS	REAL ESTATE ETF	
922908 90 3	VANGUARD INDEX FDS	CALL	
922908 95 3	VANGUARD INDEX FDS	PUT	
922908 59 5 *	VANGUARD INDEX FDS	SML CP GRW ETF	
922908 90 5	VANGUARD INDEX FDS	CALL	
922908 95 5	VANGUARD INDEX FDS	PUT	
922908 61 1 *	VANGUARD INDEX FDS	SM CP VAL ETF	
922908 90 1	VANGUARD INDEX FDS	CALL	
922908 95 1	VANGUARD INDEX FDS	PUT	
922908 62 9 *	VANGUARD INDEX FDS	MID CAP ETF	
922908 90 9	VANGUARD INDEX FDS	CALL	
922908 95 9	VANGUARD INDEX FDS	PUT	
922908 63 7 *	VANGUARD INDEX FDS	LARGE CAP ETF	
922908 90 7	VANGUARD INDEX FDS	CALL	
922908 95 7	VANGUARD INDEX FDS	PUT	
922908 65 2 *	VANGUARD INDEX FDS	EXTEND MKT ETF	
922908 90 2	VANGUARD INDEX FDS	CALL	
922908 95 2	VANGUARD INDEX FDS	PUT	
922908 73 6 *	VANGUARD INDEX FDS	GROWTH ETF	
922908 90 6	VANGUARD INDEX FDS	CALL	
922908 95 6	VANGUARD INDEX FDS	PUT	
922908 74 4 *	VANGUARD INDEX FDS	VALUE ETF	
922908 90 4	VANGUARD INDEX FDS	CALL	
922908 95 4	VANGUARD INDEX FDS	PUT	
922908 75 1 *	VANGUARD INDEX FDS	SMALL CP ETF	
922908 90 1	VANGUARD INDEX FDS	CALL	
922908 95 1	VANGUARD INDEX FDS	PUT	
922908 76 9 *	VANGUARD INDEX FDS	TOTAL STK MKT	
922908 90 9	VANGUARD INDEX FDS	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 672

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
922908 95 9	VANGUARD INDEX FDS	PUT	
92332V 10 7 *	VENTYX BIOSCIENCES INC	COM	
92332V 90 7	VENTYX BIOSCIENCES INC	CALL	
92332V 95 7	VENTYX BIOSCIENCES INC	PUT	
92332W 10 5	VENUS CONCEPT INC	COM	
92335C 10 6 *	VERA BRADLEY INC	COM	
92335C 90 6	VERA BRADLEY INC	CALL	
92335C 95 6	VERA BRADLEY INC	PUT	
92337C 10 4 *	VERASTEM INC	COM	
92337C 90 4	VERASTEM INC	CALL	
92337C 95 4	VERASTEM INC	PUT	
92337F 10 7 *	VERACYTE INC	COM	
92337F 90 7	VERACYTE INC	CALL	
92337F 95 7	VERACYTE INC	PUT	
92337R 10 1 *	VERA THERAPEUTICS INC	CL A	
92337R 90 1	VERA THERAPEUTICS INC	CALL	
92337R 95 1	VERA THERAPEUTICS INC	PUT	
92337U 10 4	VERB TECHNOLOGY CO INC	COM	
92337U 11 2	VERB TECHNOLOGY CO INC	*W EXP 04/09/202	
923372 10 6	VERDE CLEAN FUELS INC	CLASS A COM	ADDED
923372 11 4	VERDE CLEAN FUELS INC	*W EXP 02/15/202	ADDED
92343E 10 2 *	VERISIGN INC	COM	
92343E 90 2	VERISIGN INC	CALL	
92343E 95 2	VERISIGN INC	PUT	
92343V 10 4 *	VERIZON COMMUNICATIONS INC	COM	
92343V 90 4	VERIZON COMMUNICATIONS INC	CALL	
92343V 95 4	VERIZON COMMUNICATIONS INC	PUT	
92343X AC 4	VERINT SYSTEMS INC	NOTE 0.250% 4/1	
92343X 10 0 *	VERINT SYS INC	COM	
92343X 90 0	VERINT SYS INC	CALL	
92343X 95 0	VERINT SYS INC	PUT	
92345Y 10 6 *	VERISK ANALYTICS INC	COM	
92345Y 90 6	VERISK ANALYTICS INC	CALL	
92345Y 95 6	VERISK ANALYTICS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 673

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
923451 10 8 *	VERITEX HLDGS INC	COM	
923451 90 8	VERITEX HLDGS INC	CALL	
923451 95 8	VERITEX HLDGS INC	PUT	
923454 10 2 *	VERITIV CORP	COM	
923454 90 2	VERITIV CORP	CALL	
923454 95 2	VERITIV CORP	PUT	
92346J 10 8 *	VERICEL CORP	COM	
92346J 90 8	VERICEL CORP	CALL	
92346J 95 8	VERICEL CORP	PUT	
92346X 11 5	VERIFYME INC	*W EXP 06/22/202	
92346X 20 6	VERIFYME INC	COM NEW	
92347D 10 0	VERICITY INC	COM	
92347M AB 6	VERITONE INC	NOTE 1.750%11/1	
92347M 10 0 *	VERITONE INC	COM	
92347M 90 0	VERITONE INC	CALL	
92347M 95 0	VERITONE INC	PUT	
923725 10 5 *	VERMILION ENERGY INC	COM	
923725 90 5	VERMILION ENERGY INC	CALL	
923725 95 5	VERMILION ENERGY INC	PUT	
925050 10 6 *	VERONA PHARMA PLC	SPONSORED ADS	
925050 90 6	VERONA PHARMA PLC	CALL	
925050 95 6	VERONA PHARMA PLC	PUT	
92511U 10 2 *	VERRA MOBILITY CORP	CL A COM STK	
92511U 90 2	VERRA MOBILITY CORP	CALL	
92511U 95 2	VERRA MOBILITY CORP	PUT	
92511W 10 8 *	VERRICA PHARMACEUTICALS INC	COM	
92511W 90 8	VERRICA PHARMACEUTICALS INC	CALL	
92511W 95 8	VERRICA PHARMACEUTICALS INC	PUT	
92512J 10 6	VERSABANK NEW	COM	
92532F 10 0 *	VERTEX PHARMACEUTICALS INC	COM	
92532F 90 0	VERTEX PHARMACEUTICALS INC	CALL	
92532F 95 0	VERTEX PHARMACEUTICALS INC	PUT	
92534K 10 7 *	VERTEX ENERGY INC	COM	
92534K 90 7	VERTEX ENERGY INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 674

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92534K 95 7	VERTEX ENERGY INC	PUT	
92535C 10 4	VERTICAL CAP INCOME FD	SHS BEN INT	
92535P 14 7	VERSUS SYSTEMS INC	*W EXP 01/15/202	
92535P 88 1 *	VERSUS SYSTEMS INC	COM	
92535P 90 1	VERSUS SYSTEMS INC	CALL	
92535P 95 1	VERSUS SYSTEMS INC	PUT	
92536C 10 3 *	VERU INC	COM	
92536C 90 3	VERU INC	CALL	
92536C 95 3	VERU INC	PUT	
92537N 10 8 *	VERTIV HOLDINGS CO	COM CL A	
92537N 90 8	VERTIV HOLDINGS CO	CALL	
92537N 95 8	VERTIV HOLDINGS CO	PUT	
92538J 10 6 *	VERTEX INC	CL A	
92538J 90 6	VERTEX INC	CALL	
92538J 95 6	VERTEX INC	PUT	
92539P 10 1 *	VERVE THERAPEUTICS INC	COM	
92539P 90 1	VERVE THERAPEUTICS INC	CALL	
92539P 95 1	VERVE THERAPEUTICS INC	PUT	
92552R 40 6 *	VIAD CORP	COM	
92552R 90 6	VIAD CORP	CALL	
92552R 95 6	VIAD CORP	PUT	
92552V 10 0 *	VIASAT INC	COM	
92552V 90 0	VIASAT INC	CALL	
92552V 95 0	VIASAT INC	PUT	
925550 AB 1	VIAVI SOLUTIONS INC	NOTE 1.000% 3/0	
925550 AE 5	VIAVI SOLUTIONS INC	NOTE 1.750% 6/0	
925550 10 5 *	VIAVI SOLUTIONS INC	COM	
925550 90 5	VIAVI SOLUTIONS INC	CALL	
925550 95 5	VIAVI SOLUTIONS INC	PUT	
92556D 10 6 *	VIA RENEWABLES INC	CL A COM	DELETED
92556D 90 6	VIA RENEWABLES INC	CALL	DELETED
92556D 95 6	VIA RENEWABLES INC	PUT	DELETED
92556D 30 4 *	VIA RENEWABLES INC	CL A COM NEW	ADDED
92556D 90 4	VIA RENEWABLES INC	CALL	ADDED

Run Date: 4/3/2023

\*\* List of Section 13F Securities \*\*

Page 675

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92556D 95 4	VIA RENEWABLES INC	PUT	ADDED
92556H 10 7 *	PARAMOUNT GLOBAL	CLASS A COM	
92556H 90 7	PARAMOUNT GLOBAL	CALL	
92556H 95 7	PARAMOUNT GLOBAL	PUT	
92556H 20 6 *	PARAMOUNT GLOBAL	CLASS B COM	
92556H 90 6	PARAMOUNT GLOBAL	CALL	
92556H 95 6	PARAMOUNT GLOBAL	PUT	
92556H 30 5	PARAMOUNT GLOBAL	5.75% CONV PFD A	
92556V 10 6 *	VIATRIS INC	COM	
92556V 90 6	VIATRIS INC	CALL	
92556V 95 6	VIATRIS INC	PUT	
92557A 10 1 *	VIANT TECHNOLOGY INC	COM CL A	
92557A 90 1	VIANT TECHNOLOGY INC	CALL	
92557A 95 1	VIANT TECHNOLOGY INC	PUT	
92561V 10 9 *	VICARIOUS SURGICAL INC	COM CL A	
92561V 90 9	VICARIOUS SURGICAL INC	CALL	
92561V 95 9	VICARIOUS SURGICAL INC	PUT	
92561V 11 7	VICARIOUS SURGICAL INC	*W EXP 09/17/202	
925652 10 9 *	VICI PPTYS INC	COM	
925652 90 9	VICI PPTYS INC	CALL	
925652 95 9	VICI PPTYS INC	PUT	
925654 10 5 *	VICINITY MOTOR CORP	COM	
925654 90 5	VICINITY MOTOR CORP	CALL	
925654 95 5	VICINITY MOTOR CORP	PUT	
925815 10 2 *	VICOR CORP	COM	
925815 90 2	VICOR CORP	CALL	
925815 95 2	VICOR CORP	PUT	
926400 10 2 *	VICTORIAS SECRET AND CO	COMMON STOCK	
926400 90 2	VICTORIAS SECRET AND CO	CALL	
926400 95 2	VICTORIAS SECRET AND CO	PUT	
92645B 10 3 *	VICTORY CAP HLDGS INC	COM CL A	
92645B 90 3	VICTORY CAP HLDGS INC	CALL	
92645B 95 3	VICTORY CAP HLDGS INC	PUT	
92647N 52 7	VICTORY PORTFOLIOS II	VCTRYSHS USAA CR	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 676

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92647N 53 5	VICTORY PORTFOLIOS II	VCTRYSHS USAA CR	
92647N 54 3	VICTORY PORTFOLIOS II	VICTORYSHS EMERG	
92647N 55 0	VICTORY PORTFOLIOS II	VCTRYSHS INTL MO	
92647N 56 8	VICTORY PORTFOLIOS II	USAA MSCI USA SM	
92647N 57 6	VICTORY PORTFOLIOS II	VCTRYSHS US VAL	
92647N 66 7 *	VICTORY PORTFOLIOS II	VICSHS DV AC ETF	
92647N 90 7	VICTORY PORTFOLIOS II	CALL	
92647N 95 7	VICTORY PORTFOLIOS II	PUT	
92647N 69 1	VICTORY PORTFOLIOS II	VICTORYSHS US	
92647N 76 6 *	VICTORY PORTFOLIOS II	VCSHS US 500 VOL	
92647N 90 6	VICTORY PORTFOLIOS II	CALL	
92647N 95 6	VICTORY PORTFOLIOS II	PUT	
92647N 77 4	VICTORY PORTFOLIOS II	VCSHS US DISCVRY	
92647N 78 2 *	VICTORY PORTFOLIOS II	VCSHS US 500 ENH	
92647N 90 2	VICTORY PORTFOLIOS II	CALL	
92647N 95 2	VICTORY PORTFOLIOS II	PUT	
92647N 81 6	VICTORY PORTFOLIOS II	VCSHS DEV ENH VL	
92647N 82 4 *	VICTORY PORTFOLIOS II	VCSHS US EQ INCM	
92647N 90 4	VICTORY PORTFOLIOS II	CALL	
92647N 95 4	VICTORY PORTFOLIOS II	PUT	
92647N 83 2	VICTORY PORTFOLIOS II	VCSHS US SML CAP	
92647N 84 0	VICTORY PORTFOLIOS II	VCSHS INTL VOLTY	
92647N 86 5	VICTORY PORTFOLIOS II	VCSHS US LRG CAP	
92647N 87 3 *	VICTORY PORTFOLIOS II	VCSHS US SMCP HG	
92647N 90 3	VICTORY PORTFOLIOS II	CALL	
92647N 95 3	VICTORY PORTFOLIOS II	PUT	
92647N 88 1	VICTORY PORTFOLIOS II	VCSHS INTL HG DV	
92647P 12 6	VICTORY PORTFOLIOS II	VICTORYSHARES WE	
92647X 80 6	VICTORY PORTFOLIOS II	VS NASDQ NXT 50	
92647X 84 8	VICTORY PORTFOLIOS II	THB MID CAP ESG	
92647X 85 5	VICTORY PORTFOLIOS II	ESG CORPORATE	
92647X 86 3	VICTORY PORTFOLIOS II	ESG CORE PLUS	
92663R 10 5 *	VIEMED HEALTHCARE INC	COM	
92663R 90 5	VIEMED HEALTHCARE INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 677

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92663R 95 5	VIEMED HEALTHCARE INC	PUT	
92671V 10 6 *	VIEW INC	COM CL A	
92671V 90 6	VIEW INC	CALL	
92671V 95 6	VIEW INC	PUT	
92671V 11 4	VIEW INC	*W EXP 03/08/202	
92672L 10 7 *	VIEWRAY INC	COM	
92672L 90 7	VIEWRAY INC	CALL	
92672L 95 7	VIEWRAY INC	PUT	
92673K 10 8	VIGIL NEUROSCIENCE INC	COM	
92686J 10 6 *	VIKING THERAPEUTICS INC	COM	
92686J 90 6	VIKING THERAPEUTICS INC	CALL	
92686J 95 6	VIKING THERAPEUTICS INC	PUT	
92705T 20 0	VILLAGE BK & TR FINL CORP	COM NEW	
92707Y 10 8 *	VILLAGE FARMS INTL INC	COM	
92707Y 90 8	VILLAGE FARMS INTL INC	CALL	
92707Y 95 8	VILLAGE FARMS INTL INC	PUT	
927107 40 9	VILLAGE SUPER MKT INC	CL A NEW	
92719V 10 0 *	VIMEO INC	COMMON STOCK	
92719V 90 0	VIMEO INC	CALL	
92719V 95 0	VIMEO INC	PUT	
92719W 20 7	VINCE HLDG CORP	COM NEW	
92731L 10 6	VINCERX PHARMA INC	COM NEW	
927330 10 0 *	VINCO VENTURES INC	COM	
927330 90 0	VINCO VENTURES INC	CALL	
927330 95 0	VINCO VENTURES INC	PUT	
92747V 10 6 *	VINTAGE WINE ESTATES INC	COM	
92747V 90 6	VINTAGE WINE ESTATES INC	CALL	
92747V 95 6	VINTAGE WINE ESTATES INC	PUT	
92747V 11 4	VINTAGE WINE ESTATES INC	*W EXP 06/08/202	
92762J 10 3	VIOMI TECHNOLOGY CO LTD	SPONSORED ADS	
92763M 10 5 *	VIPER ENERGY PARTNERS LP	COM UNT RP INT	
92763M 90 5	VIPER ENERGY PARTNERS LP	CALL	
92763M 95 5	VIPER ENERGY PARTNERS LP	PUT	
92763W 10 3 *	VIPSHOP HOLDINGS LIMITED	SPONSORED ADS A	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 678

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92763W 90 3	VIPSHOP HOLDINGS LIMITED	CALL	
92763W 95 3	VIPSHOP HOLDINGS LIMITED	PUT	
92764N 10 2 *	VIR BIOTECHNOLOGY INC	COM	
92764N 90 2	VIR BIOTECHNOLOGY INC	CALL	
92764N 95 2	VIR BIOTECHNOLOGY INC	PUT	
92765F 10 8 *	VIRACTA THERAPEUTICS INC	COM	
92765F 90 8	VIRACTA THERAPEUTICS INC	CALL	
92765F 95 8	VIRACTA THERAPEUTICS INC	PUT	
927651 10 9	VIRCO MFG CO	COM	
92766K 10 6 *	VIRGIN GALACTIC HOLDINGS INC	COM	
92766K 90 6	VIRGIN GALACTIC HOLDINGS INC	CALL	
92766K 95 6	VIRGIN GALACTIC HOLDINGS INC	PUT	
92771A 10 1 *	VIRGIN ORBIT HOLDINGS INC	COMMON STOCK	
92771A 90 1	VIRGIN ORBIT HOLDINGS INC	CALL	
92771A 95 1	VIRGIN ORBIT HOLDINGS INC	PUT	
92771A 11 9	VIRGIN ORBIT HOLDINGS INC	*W EXP 99/99/999	
92790A 20 7	VIRTUS ETF TR II	NEWFLEET HIG YLD	
92790A 40 5	VIRTUS ETF TR II	SEIX SR LN ETF	
92790A 50 4 *	VIRTUS ETF TR II	VIRTUS US QLT	
92790A 90 4	VIRTUS ETF TR II	CALL	
92790A 95 4	VIRTUS ETF TR II	PUT	
92790A 60 3	VIRTUS ETF TR II	NEWFLEET ABS MBS	
92790A 70 2	VIRTUS ETF TR II	DUFF & PHELPS CL	
92790A 80 1	VIRTUS ETF TR II	STONE HARBOR EMG	
92790C 10 4 *	VIRIDIAN THERAPEUTICS INC	COM	
92790C 90 4	VIRIDIAN THERAPEUTICS INC	CALL	
92790C 95 4	VIRIDIAN THERAPEUTICS INC	PUT	
927926 30 3 *	VISTA GOLD CORP	COM NEW	
927926 90 3	VISTA GOLD CORP	CALL	
927926 95 3	VISTA GOLD CORP	PUT	
928031 10 3	VIRGINIA NATL BANKSHARES COR	COM	
92823T 10 8 *	VIRNETX HLDG CORP	COM	
92823T 90 8	VIRNETX HLDG CORP	CALL	
92823T 95 8	VIRNETX HLDG CORP	PUT	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 679

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
928251 10 7	VIRPAX PHARMACEUTICALS INC	COM	
928254 10 1 *	VIRTU FINL INC	CL A	
928254 90 1	VIRTU FINL INC	CALL	
928254 95 1	VIRTU FINL INC	PUT	
92826C 83 9 *	VISA INC	COM CL A	
92826C 90 9	VISA INC	CALL	
92826C 95 9	VISA INC	PUT	
92827K 30 1 *	VIRTRA INC	COM PAR	
92827K 90 1	VIRTRA INC	CALL	
92827K 95 1	VIRTRA INC	PUT	
92828Q 10 9	VIRTUS INVT PARTNERS INC	COM	
92829B 10 1	VIRTUS GLOBAL MULTI-SECTOR I	COM	
92829J 10 4 *	VIRIOS THERAPEUTICS INC	COM	
92829J 90 4	VIRIOS THERAPEUTICS INC	CALL	
92829J 95 4	VIRIOS THERAPEUTICS INC	PUT	
928298 AP 3	VISHAY INTERTECHNOLOGY INC	NOTE 2.250% 6/1	
928298 10 8 *	VISHAY INTERTECHNOLOGY INC	COM	
928298 90 8	VISHAY INTERTECHNOLOGY INC	CALL	
928298 95 8	VISHAY INTERTECHNOLOGY INC	PUT	
92835K 10 3 *	VISHAY PRECISION GROUP INC	COM	
92835K 90 3	VISHAY PRECISION GROUP INC	CALL	
92835K 95 3	VISHAY PRECISION GROUP INC	PUT	
92835W 10 7	VIRTUS TOTAL RETURN FD INC	COM	
92836Y 30 0 *	VISLINK TECHNOLOGIES INC	COM	
92836Y 90 0	VISLINK TECHNOLOGIES INC	CALL	
92836Y 95 0	VISLINK TECHNOLOGIES INC	PUT	
92837L 10 9 *	VISTA ENERGY S.A.B. DE C.V.	SPONSORED ADS	
92837L 90 9	VISTA ENERGY S.A.B. DE C.V.	CALL	
92837L 95 9	VISTA ENERGY S.A.B. DE C.V.	PUT	
928377 10 0 *	VISTA OUTDOOR INC	COM	
928377 90 0	VISTA OUTDOOR INC	CALL	
928377 95 0	VISTA OUTDOOR INC	PUT	
92838F 10 1	VISIONARY ED TEC HLDGS GRP I	COM	
92838J 10 3	VISION SENSING ACQUISITION C	CLASS A COM	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 680

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92838J 11 1	VISION SENSING ACQUISITION C	*W EXP 10/21/202	
92838J 20 2	VISION SENSING ACQUISITION C	UNIT 10/21/2026	
92838K 10 0	VISCOGLIOSI BROS ACQUISTN CO	COMMON STOCK	
92838K 11 8	VISCOGLIOSI BROS ACQUISTN CO	*W EXP 03/18/202	
92838K 20 9	VISCOGLIOSI BROS ACQUISTN CO	UNIT 03/18/2027	
92838R 10 5	VIRTUS CONVERTIBLE & INC 202	COM	
92838U 10 8	VIRTUS CONVERTIBLE & INC FD	COM	
92838X 10 2	VIRTUS CONVERTIBLE & INCOME	COM	
92838Y 10 0	VIRTUS ARTIFICIAL INTELLIGEN	COM	
92839U 20 6 *	VISTEON CORP	COM NEW	
92839U 90 6	VISTEON CORP	CALL	
92839U 95 6	VISTEON CORP	PUT	
92840H 20 2 *	VISTAGEN THERAPEUTICS INC	COM NEW	
92840H 90 2	VISTAGEN THERAPEUTICS INC	CALL	
92840H 95 2	VISTAGEN THERAPEUTICS INC	PUT	
92840M 10 2 *	VISTRA CORP	COM	
92840M 90 2	VISTRA CORP	CALL	
92840M 95 2	VISTRA CORP	PUT	
92840M 12 8	VISTRA CORP	*W EXP 02/02/202	
92840N 10 0	VIRTUS DIVERSIFIED INCM & CO	COM	
92840R 10 1	VIRTUS DIVIDEND INTEREST & P	COM	
92841M 10 1	VIRTUS EQUITY & CONV INCM FD	COM	
92846Q 10 7 *	VITA COCO CO INC	COM	
92846Q 90 7	VITA COCO CO INC	CALL	
92846Q 95 7	VITA COCO CO INC	PUT	
92847W 10 3 *	VITAL FARMS INC	COM	
92847W 90 3	VITAL FARMS INC	CALL	
92847W 95 3	VITAL FARMS INC	PUT	
92852R 40 3	VIVAKOR INC	COM NEW	
92852W 50 1	VIVEVE MED INC	COM NEW	DELETED
92852X 10 3	VITESSE ENERGY INC	COMMON STOCK	ADDED
92853V 10 6	VIVEON HEALTH ACQUISITION CO	COMMON STOCK	
92853V 11 4	VIVEON HEALTH ACQUISITION CO	*W EXP 99/99/999	
92853V 12 2	VIVEON HEALTH ACQUISITION CO	RIGHT 12/31/2025	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 681

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
92853V 20 5	VIVEON HEALTH ACQUISITION CO	UNIT 99/99/9999	
92854B 10 9 *	VIVANI MEDICAL INC	COMMON STOCK	
92854B 90 9	VIVANI MEDICAL INC	CALL	
92854B 95 9	VIVANI MEDICAL INC	PUT	
92854T 10 0 *	VIVID SEATS INC	COM CL A	
92854T 90 0	VIVID SEATS INC	CALL	
92854T 95 0	VIVID SEATS INC	PUT	
92854T 11 8	VIVID SEATS INC	*W EXP 10/18/202	
928542 10 9 *	VIVINT SMART HOME INC	COM CL A	DELETED
928542 90 9	VIVINT SMART HOME INC	CALL	DELETED
928542 95 9	VIVINT SMART HOME INC	PUT	DELETED
928563 40 2 *	VMWARE INC	CL A COM	
928563 90 2	VMWARE INC	CALL	
928563 95 2	VMWARE INC	PUT	
92857W 30 8 *	VODAFONE GROUP PLC NEW	SPONSORED ADR	
92857W 90 8	VODAFONE GROUP PLC NEW	CALL	
92857W 95 8	VODAFONE GROUP PLC NEW	PUT	
92858V 10 1 *	VIZIO HLDG CORP	CL A COM	
92858V 90 1	VIZIO HLDG CORP	CALL	
92858V 95 1	VIZIO HLDG CORP	PUT	
92859E 10 8 *	VIVOS THERAPEUTICS INC	COM	
92859E 90 8	VIVOS THERAPEUTICS INC	CALL	
92859E 95 8	VIVOS THERAPEUTICS INC	PUT	
92859G 20 2	VIZSLA SILVER CORP	COM NEW	
92864V 10 3	VOLCON INC	COM	
928661 10 7 *	VOLITIONRX LTD	COM	
928661 90 7	VOLITIONRX LTD	CALL	
928661 95 7	VOLITIONRX LTD	PUT	
92873G 10 5 *	VOLT ETF TRUST	CRYPTO INDY REVO	DELETED
92873G 90 5	VOLT ETF TRUST	CALL	DELETED
92873G 95 5	VOLT ETF TRUST	PUT	DELETED
92873V 10 2 *	VOLTA INC	COM CL A	DELETED
92873V 90 2	VOLTA INC	CALL	DELETED
92873V 95 2	VOLTA INC	PUT	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 682

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92873V 11 0	VOLTA INC	*W EXP 08/26/202	DELETED
928881 10 1 *	VONTIER CORPORATION	COM	
928881 90 1	VONTIER CORPORATION	CALL	
928881 95 1	VONTIER CORPORATION	PUT	
92891H 10 1 *	VS TRUST	-1X SHRT VIX FUT	
92891H 90 1	VS TRUST	CALL	
92891H 95 1	VS TRUST	PUT	
92891H 30 9 *	VS TRUST	2X LONG VIX FUT	DELETED
92891H 90 9	VS TRUST	CALL	DELETED
92891H 95 9	VS TRUST	PUT	DELETED
92891H 40 8 *	VS TRUST	2X LONG VIX FUT	ADDED
92891H 90 8	VS TRUST	CALL	ADDED
92891H 95 8	VS TRUST	PUT	ADDED
929033 10 8 *	VOR BIOPHARMA INC	COM	
929033 90 8	VOR BIOPHARMA INC	CALL	
929033 95 8	VOR BIOPHARMA INC	PUT	
929042 10 9 *	VORNADO RLTY TR	SH BEN INT	
929042 90 9	VORNADO RLTY TR	CALL	
929042 95 9	VORNADO RLTY TR	PUT	
929089 10 0 *	VOYA FINANCIAL INC	COM	
929089 90 0	VOYA FINANCIAL INC	CALL	
929089 95 0	VOYA FINANCIAL INC	PUT	
92912J 10 2	VOYA ASIA PAC HIGH DIV EQT I	COM	
92912L 20 6	VOXELJET AG	ADS	
92912P 10 8	VOYA EMERGING MKTS HIGH DIVI	COM	
92912R 10 4	VOYA GLBL ADV & PREM OPP FD	COM	
92912T 10 0	VOYA GLBL EQTY DIV & PREM OP	COM	
92912X 10 1	VOYA INFRASTRUCTURE INDLS &	COM	
92915B 10 6 *	VOYAGER THERAPEUTICS INC	COM	
92915B 90 6	VOYAGER THERAPEUTICS INC	CALL	
92915B 95 6	VOYAGER THERAPEUTICS INC	PUT	
929160 10 9 *	VULCAN MATLS CO	COM	
929160 90 9	VULCAN MATLS CO	CALL	
929160 95 9	VULCAN MATLS CO	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 683

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92918V AB 5	VROOM INC	NOTE 0.750% 7/0	
92918V 10 9 *	VROOM INC	COM	
92918V 90 9	VROOM INC	CALL	
92918V 95 9	VROOM INC	PUT	
92919F 10 3	VOX ROYALTY CORP	COM	
92921W 30 0 *	VUZIX CORP	COM NEW	
92921W 90 0	VUZIX CORP	CALL	
92921W 95 0	VUZIX CORP	PUT	
92922P 10 6 *	W & T OFFSHORE INC	COM	
92922P 90 6	W & T OFFSHORE INC	CALL	
92922P 95 6	W & T OFFSHORE INC	PUT	
929236 10 7 *	WD 40 CO	COM	
929236 90 7	WD 40 CO	CALL	
929236 95 7	WD 40 CO	PUT	
92932M 10 1 *	WNS HLDGS LTD	SPON ADR	
92932M 90 1	WNS HLDGS LTD	CALL	
92932M 95 1	WNS HLDGS LTD	PUT	
929328 10 2 *	WSFS FINL CORP	COM	
929328 90 2	WSFS FINL CORP	CALL	
929328 95 2	WSFS FINL CORP	PUT	
92936U 10 9 *	WP CAREY INC	COM	
92936U 90 9	WP CAREY INC	CALL	
92936U 95 9	WP CAREY INC	PUT	
92937A 10 2 *	WPP PLC NEW	ADR	
92937A 90 2	WPP PLC NEW	CALL	
92937A 95 2	WPP PLC NEW	PUT	
92939U 10 6 *	WEC ENERGY GROUP INC	COM	
92939U 90 6	WEC ENERGY GROUP INC	CALL	
92939U 95 6	WEC ENERGY GROUP INC	PUT	
92940W AB 5	WIX COM LTD	NOTE 7/0	
92940W AD 1	WIX COM LTD	NOTE 8/1	
92941V 20 9 *	VYNE THERAPEUTICS INC	COM	DELETED
92941V 90 9	VYNE THERAPEUTICS INC	CALL	DELETED
92941V 95 9	VYNE THERAPEUTICS INC	PUT	DELETED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 684

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92941V 30 8 *	VYNE THERAPEUTICS INC	COM	ADDED
92941V 90 8	VYNE THERAPEUTICS INC	CALL	ADDED
92941V 95 8	VYNE THERAPEUTICS INC	PUT	ADDED
92942V 20 8	VYANT BIO INC	COM NEW	
929566 10 7 *	WABASH NATL CORP	COM	
929566 90 7	WABASH NATL CORP	CALL	
929566 95 7	WABASH NATL CORP	PUT	
92971A 10 9 *	WM TECHNOLOGY INC	COM	
92971A 90 9	WM TECHNOLOGY INC	CALL	
92971A 95 9	WM TECHNOLOGY INC	PUT	
92971A 11 7	WM TECHNOLOGY INC	*W EXP 06/16/202	
929740 10 8 *	WABTEC	COM	
929740 90 8	WABTEC	CALL	
929740 95 8	WABTEC	PUT	
93042P 10 9	WAG GROUP CO	COMMON STOCK	
93042P 11 7	WAG GROUP CO	*W EXP 07/30/202	
930752 20 9 *	WAITR HLDGS INC	COM NEW	DELETED
930752 90 9	WAITR HLDGS INC	CALL	DELETED
930752 95 9	WAITR HLDGS INC	PUT	DELETED
931142 10 3 *	WALMART INC	COM	
931142 90 3	WALMART INC	CALL	
931142 95 3	WALMART INC	PUT	
931427 10 8 *	WALGREENS BOOTS ALLIANCE INC	COM	
931427 90 8	WALGREENS BOOTS ALLIANCE INC	CALL	
931427 95 8	WALGREENS BOOTS ALLIANCE INC	PUT	
93148P 10 2 *	WALKER & DUNLOP INC	COM	
93148P 90 2	WALKER & DUNLOP INC	CALL	
93148P 95 2	WALKER & DUNLOP INC	PUT	
93403J 10 6 *	WARBY PARKER INC	CL A COM	
93403J 90 6	WARBY PARKER INC	CALL	
93403J 95 6	WARBY PARKER INC	PUT	
934423 10 4 *	WARNER BROS DISCOVERY INC	COM SER A	
934423 90 4	WARNER BROS DISCOVERY INC	CALL	
934423 95 4	WARNER BROS DISCOVERY INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 685

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
934550 20 3 *	WARNER MUSIC GROUP CORP	COM CL A	
934550 90 3	WARNER MUSIC GROUP CORP	CALL	
934550 95 3	WARNER MUSIC GROUP CORP	PUT	
93627C 10 1 *	WARRIOR MET COAL INC	COM	
93627C 90 1	WARRIOR MET COAL INC	CALL	
93627C 95 1	WARRIOR MET COAL INC	PUT	
938824 10 9 *	WASHINGTON FED INC	COM	
938824 90 9	WASHINGTON FED INC	CALL	
938824 95 9	WASHINGTON FED INC	PUT	
939653 10 1 *	ELME COMMUNITIES	SH BEN INT	
939653 90 1	ELME COMMUNITIES	CALL	
939653 95 1	ELME COMMUNITIES	PUT	
940610 10 8 *	WASHINGTON TR BANCORP INC	COM	
940610 90 8	WASHINGTON TR BANCORP INC	CALL	
940610 95 8	WASHINGTON TR BANCORP INC	PUT	
94106B 10 1 *	WASTE CONNECTIONS INC	COM	
94106B 90 1	WASTE CONNECTIONS INC	CALL	
94106B 95 1	WASTE CONNECTIONS INC	PUT	
94106L 10 9 *	WASTE MGMT INC DEL	COM	
94106L 90 9	WASTE MGMT INC DEL	CALL	
94106L 95 9	WASTE MGMT INC DEL	PUT	
94132V 10 5	WATERDROP INC	ADS	
941848 10 3 *	WATERS CORP	COM	
941848 90 3	WATERS CORP	CALL	
941848 95 3	WATERS CORP	PUT	
94188P 10 1 *	WATERSTONE FINL INC MD	COM	
94188P 90 1	WATERSTONE FINL INC MD	CALL	
94188P 95 1	WATERSTONE FINL INC MD	PUT	
942622 10 1	WATSCO INC	CL B CONV	
942622 20 0 *	WATSCO INC	COM	
942622 90 0	WATSCO INC	CALL	
942622 95 0	WATSCO INC	PUT	
942749 10 2 *	WATTS WATER TECHNOLOGIES INC	CL A	
942749 90 2	WATTS WATER TECHNOLOGIES INC	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 686

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
942749 95 2	WATTS WATER TECHNOLOGIES INC	PUT	
94419L AD 3	WAYFAIR INC	NOTE 1.125%11/0	
94419L AF 8	WAYFAIR INC	NOTE 1.000% 8/1	
94419L AM 3	WAYFAIR INC	NOTE 0.625%10/0	
94419L 10 1 *	WAYFAIR INC	CL A	
94419L 90 1	WAYFAIR INC	CALL	
94419L 95 1	WAYFAIR INC	PUT	
946760 10 5	CLIMB GLOBAL SOLUTIONS INC	COM	
94724R 10 8 *	WEAVE COMMUNICATIONS INC	COM	
94724R 90 8	WEAVE COMMUNICATIONS INC	CALL	
94724R 95 8	WEAVE COMMUNICATIONS INC	PUT	
94770D 10 2 *	WEBER INC	CL A	DELETED
94770D 90 2	WEBER INC	CALL	DELETED
94770D 95 2	WEBER INC	PUT	DELETED
947890 10 9 *	WEBSTER FINL CORP	COM	
947890 90 9	WEBSTER FINL CORP	CALL	
947890 95 9	WEBSTER FINL CORP	PUT	
948596 10 1 *	WEIBO CORP	SPONSORED ADR	
948596 90 1	WEIBO CORP	CALL	
948596 95 1	WEIBO CORP	PUT	
948849 10 4 *	WEIS MKTS INC	COM	
948849 90 4	WEIS MKTS INC	CALL	
948849 95 4	WEIS MKTS INC	PUT	
94973V BG 1	ELEVANCE HEALTH INC	NOTE 2.750%10/1	DELETED
949746 10 1 *	WELLS FARGO CO NEW	COM	
949746 90 1	WELLS FARGO CO NEW	CALL	
949746 95 1	WELLS FARGO CO NEW	PUT	
949746 80 4	WELLS FARGO CO NEW	PERP PFD CNV A	
94987B 10 5	ALLSPRING INCOME OPPORTUNIT	INC OPPTY FD	
94987C 10 3	ALLSPRING GLOBAL DIVIDEND OP	COM	
94987D 10 1	ALLSPRING MULTI SECTOR INCOM	COM	
94987E 10 9	ALLSPRING UTILITIES AND HIGH	WF UTILITIES INC	
95040Q 10 4 *	WELLTOWER INC	COM	
95040Q 90 4	WELLTOWER INC	CALL	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 687

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
95040Q 95 4	WELLTOWER INC	PUT	
950415 10 9	WELSBACH TECH METALS ACQU CO	COM	
950415 11 7	WELSBACH TECH METALS ACQU CO	RIGHT 12/22/2026	
950415 20 8	WELSBACH TECH METALS ACQU CO	UNIT 12/22/2026	
95058W 10 0 *	WENDYS CO	COM	
95058W 90 0	WENDYS CO	CALL	
95058W 95 0	WENDYS CO	PUT	
95075A 10 7 *	WEREWOLF THERAPEUTICS INC	COM	
95075A 90 7	WEREWOLF THERAPEUTICS INC	CALL	
95075A 95 7	WEREWOLF THERAPEUTICS INC	PUT	
950755 10 8 *	WERNER ENTERPRISES INC	COM	
950755 90 8	WERNER ENTERPRISES INC	CALL	
950755 95 8	WERNER ENTERPRISES INC	PUT	
950810 10 1 *	WESBANCO INC	COM	
950810 90 1	WESBANCO INC	CALL	
950810 95 1	WESBANCO INC	PUT	
95082P 10 5 *	WESCO INTL INC	COM	
95082P 90 5	WESCO INTL INC	CALL	
95082P 95 5	WESCO INTL INC	PUT	
95123P 10 6 *	WEST BANCORPORATION INC	CAP STK	
95123P 90 6	WEST BANCORPORATION INC	CALL	
95123P 95 6	WEST BANCORPORATION INC	PUT	
952845 10 5 *	WEST FRASER TIMBER CO LTD	COM	
952845 90 5	WEST FRASER TIMBER CO LTD	CALL	
952845 95 5	WEST FRASER TIMBER CO LTD	PUT	
955306 10 5 *	WEST PHARMACEUTICAL SVSC INC	COM	
955306 90 5	WEST PHARMACEUTICAL SVSC INC	CALL	
955306 95 5	WEST PHARMACEUTICAL SVSC INC	PUT	
957090 10 3 *	WESTAMERICA BANCORPORATION	COM	
957090 90 3	WESTAMERICA BANCORPORATION	CALL	
957090 95 3	WESTAMERICA BANCORPORATION	PUT	
95758L 10 7	WESTERN ACQSTN VENTURES CORP	COM	
95758L 11 5	WESTERN ACQSTN VENTURES CORP	*W EXP 09/01/202	
95758L 20 6	WESTERN ACQSTN VENTURES CORP	UNIT 09/01/2026	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 688

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
957638 10 9 *	WESTERN ALLIANCE BANCORP	COM	
957638 90 9	WESTERN ALLIANCE BANCORP	CALL	
957638 95 9	WESTERN ALLIANCE BANCORP	PUT	
95766A 10 1	WESTERN ASSET EMERGING MKTS	COM	
95766B 10 9	WESTERN ASSET GBL HIGH INC F	COM	
95766J 10 2	WESTERN ASSET HIGH INCOM FD	COM	
95766K 10 9	WESTERN ASSET HIGH INCOME OP	COM	
95766M 10 5	WESTERN ASSET MANAGED MUNS F	COM	
95766N 10 3	WESTERN ASSET MUN HIGH INCOM	COM	
95766P 10 8	WESTERN ASSET MUN PARTNERS F	COM	
95766Q 10 6	WESTERN ASST INFLTIN LKD INM	COM SH BEN INT	
95766R 10 4	WESTERN AST INFL LKD OPP & I	COM	
95766T 10 0	WESTERN ASSET INVESTMENT GRA	COM	
957664 10 5	WESTERN ASSET PREMIER BD FD	SHS BEN INT	
95768B 10 7	WESTERN ASSET HIGH YIELD DEF	COM	
95790A 10 1	WESTERN ASSET INVT GRADE DEF	COM	
95790B 10 9	WESTERN ASSET MTG DEFINED OP	COM	
95790C 10 7	WESTERN ASSET GLOBAL CORP DE	COM	
95790D AD 7	WESTERN ASSET MORTGAGE CAPIT	NOTE 6.750% 9/1	
95790D 20 4 *	WESTERN ASSET MTG CAP CORP	COM	
95790D 90 4	WESTERN ASSET MTG CAP CORP	CALL	
95790D 95 4	WESTERN ASSET MTG CAP CORP	PUT	
95790K 10 9	WESTERN ASSET DIVERSIFIED IN	COM SHS BEN INT	
95805V 10 8	WESTERN COPPER & GOLD CORP	COM	
958102 AP 0	WESTERN DIGITAL CORP.	NOTE 1.500% 2/0	
958102 10 5 *	WESTERN DIGITAL CORP.	COM	
958102 90 5	WESTERN DIGITAL CORP.	CALL	
958102 95 5	WESTERN DIGITAL CORP.	PUT	
958435 10 9	WESTERN ASSET INTER MUNI FD	COM	
958669 10 3 *	WESTERN MIDSTREAM PARTNERS L	COM UNIT LP INT	
958669 90 3	WESTERN MIDSTREAM PARTNERS L	CALL	
958669 95 3	WESTERN MIDSTREAM PARTNERS L	PUT	
958892 10 1 *	WESTERN NEW ENG BANCORP INC	COM	
958892 90 1	WESTERN NEW ENG BANCORP INC	CALL	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
958892 95 1	WESTERN NEW ENG BANCORP INC	PUT	
959802 10 9 *	WESTERN UN CO	COM	
959802 90 9	WESTERN UN CO	CALL	
959802 95 9	WESTERN UN CO	PUT	
960413 10 2 *	WESTLAKE CORPORATION	COM	
960413 90 2	WESTLAKE CORPORATION	CALL	
960413 95 2	WESTLAKE CORPORATION	PUT	
960417 10 3 *	WESTLAKE CHEM PARTNERS LP	COM UNIT RP LP	
960417 90 3	WESTLAKE CHEM PARTNERS LP	CALL	
960417 95 3	WESTLAKE CHEM PARTNERS LP	PUT	
960908 30 9 *	WESTPORT FUEL SYSTEMS INC	COM NEW	
960908 90 9	WESTPORT FUEL SYSTEMS INC	CALL	
960908 95 9	WESTPORT FUEL SYSTEMS INC	PUT	
96145D 10 5 *	WESTROCK CO	COM	
96145D 90 5	WESTROCK CO	CALL	
96145D 95 5	WESTROCK CO	PUT	
96145W 10 3 *	WESTROCK COFFEE CO	COM	
96145W 90 3	WESTROCK COFFEE CO	CALL	
96145W 95 3	WESTROCK COFFEE CO	PUT	
96145W 11 1	WESTROCK COFFEE CO	*W EXP 08/29/202	
961684 20 6 *	WESTWATER RES INC	COM NEW	
961684 90 6	WESTWATER RES INC	CALL	
961684 95 6	WESTWATER RES INC	PUT	
961765 10 4 *	WESTWOOD HLDGS GROUP INC	COM	
961765 90 4	WESTWOOD HLDGS GROUP INC	CALL	
961765 95 4	WESTWOOD HLDGS GROUP INC	PUT	
961884 10 3	WETRADE GROUP INC	COM	
96208T 10 4 *	WEX INC	COM	
96208T 90 4	WEX INC	CALL	
96208T 95 4	WEX INC	PUT	
96209A 10 4 *	WEWORK INC	CL A	
96209A 90 4	WEWORK INC	CALL	
96209A 95 4	WEWORK INC	PUT	
96209A 11 2	WEWORK INC	*W EXP 10/20/202	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 690

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
962149 10 0	WEYCO GROUP INC	COM	
962166 10 4 *	WEYERHAEUSER CO MTN BE	COM NEW	
962166 90 4	WEYERHAEUSER CO MTN BE	CALL	
962166 95 4	WEYERHAEUSER CO MTN BE	PUT	
962879 10 2 *	WHEATON PRECIOUS METALS CORP	COM	
962879 90 2	WHEATON PRECIOUS METALS CORP	CALL	
962879 95 2	WHEATON PRECIOUS METALS CORP	PUT	
963025 30 9	WHEELER REAL ESTATE INVT TR	CV PFD SER B	
963025 60 6	WHEELER REAL ESTATE INVT TR	PFD CNV SER D	
963025 70 5	WHEELER REAL ESTATE INVT TR	COM NEW	
963025 80 4	WHEELER REAL ESTATE INVT TR	7% SR NT 31	ADDED
96327X 20 0	WHERE FOOD COMES FROM INC	COM NEW	
96328L 10 6 *	WHEELS UP EXPERIENCE INC	COM CL A	
96328L 90 6	WHEELS UP EXPERIENCE INC	CALL	
96328L 95 6	WHEELS UP EXPERIENCE INC	PUT	
96328L 11 4	WHEELS UP EXPERIENCE INC	*W EXP 07/13/202	
963320 10 6 *	WHIRLPOOL CORP	COM	
963320 90 6	WHIRLPOOL CORP	CALL	
963320 95 6	WHIRLPOOL CORP	PUT	
96524V 10 6 *	WHITEHORSE FIN INC	COM	
96524V 90 6	WHITEHORSE FIN INC	CALL	
96524V 95 6	WHITEHORSE FIN INC	PUT	
966084 20 4 *	WHITESTONE REIT	COM	
966084 90 4	WHITESTONE REIT	CALL	
966084 95 4	WHITESTONE REIT	PUT	
96684W 10 0 *	WHOLE EARTH BRANDS INC	COM CL A	
96684W 90 0	WHOLE EARTH BRANDS INC	CALL	
96684W 95 0	WHOLE EARTH BRANDS INC	PUT	
96684W 12 6	WHOLE EARTH BRANDS INC	*W EXP 06/25/202	
96758W 10 1 *	WIDOPENWEST INC	COM	
96758W 90 1	WIDOPENWEST INC	CALL	
96758W 95 1	WIDOPENWEST INC	PUT	
967590 20 9 *	WIDEPOINT CORP	COMMON	
967590 90 9	WIDEPOINT CORP	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 691

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
967590 95 9	WIDEPOINT CORP	PUT	
96812F 10 2	BRIDGER AEROSPACE GRP HLDGS	COM	ADDED
96812F 11 0	BRIDGER AEROSPACE GRP HLDGS	*W EXP 01/24/202	ADDED
968223 20 6 *	WILEY JOHN & SONS INC	CL A	
968223 90 6	WILEY JOHN & SONS INC	CALL	
968223 95 6	WILEY JOHN & SONS INC	PUT	
968223 30 5	WILEY JOHN & SONS INC	CL B	
968235 20 0	WILHELMINA INTL INC	COM NEW	
969136 10 0	WILLAMETTE VY VINEYARD INC	COM	
96924N 10 0 *	WILLDAN GROUP INC	COM	
96924N 90 0	WILLDAN GROUP INC	CALL	
96924N 95 0	WILLDAN GROUP INC	PUT	
96927A 10 5	WILLIAM PENN BANCORPORATION	COM	
969457 10 0 *	WILLIAMS COS INC	COM	
969457 90 0	WILLIAMS COS INC	CALL	
969457 95 0	WILLIAMS COS INC	PUT	
96951A 10 4 *	WILLIAMS INDL SVCS GROUP INC	COM	
96951A 90 4	WILLIAMS INDL SVCS GROUP INC	CALL	
96951A 95 4	WILLIAMS INDL SVCS GROUP INC	PUT	
96951B 10 2	WILLIAMS ROWLAND ACQUISITION	COM	
96951B 11 0	WILLIAMS ROWLAND ACQUISITION	*W EXP 12/11/202	
96951B 20 1	WILLIAMS ROWLAND ACQUISITION	UNIT 99/99/9999	
969904 10 1 *	WILLIAMS SONOMA INC	COM	
969904 90 1	WILLIAMS SONOMA INC	CALL	
969904 95 1	WILLIAMS SONOMA INC	PUT	
970646 10 5	WILLIS LEASE FIN CORP	COM	
971378 10 4 *	WILLSCOT MOBIL MINI HLDNG CO	COM CL A	
971378 90 4	WILLSCOT MOBIL MINI HLDNG CO	CALL	
971378 95 4	WILLSCOT MOBIL MINI HLDNG CO	PUT	
97264L 10 0 *	WIMI HOLOGRAM CLOUD INC	SPON ADS CL B	
97264L 90 0	WIMI HOLOGRAM CLOUD INC	CALL	
97264L 95 0	WIMI HOLOGRAM CLOUD INC	PUT	
97382D 30 3	WINDTREE THERAPEUTICS INC	COM	DELETED
97382D 40 2	WINDTREE THERAPEUTICS INC	COM NEW	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 692

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
974155 10 3 *	WINGSTOP INC	COM	
974155 90 3	WINGSTOP INC	CALL	
974155 95 3	WINGSTOP INC	PUT	
974250 10 2	WINMARK CORP	COM	
974637 AB 6	WINNEBAGO INDS INC	NOTE 1.500% 4/0	
974637 10 0 *	WINNEBAGO INDS INC	COM	
974637 90 0	WINNEBAGO INDS INC	CALL	
974637 95 0	WINNEBAGO INDS INC	PUT	
97650W 10 8 *	WINTRUST FINL CORP	COM	
97650W 90 8	WINTRUST FINL CORP	CALL	
97650W 95 8	WINTRUST FINL CORP	PUT	
97651M 10 9 *	WIPRO LTD	SPON ADR 1 SH	
97651M 90 9	WIPRO LTD	CALL	
97651M 95 9	WIPRO LTD	PUT	
976524 10 8 *	WIRELESS TELECOM GROUP INC	COM	
976524 90 8	WIRELESS TELECOM GROUP INC	CALL	
976524 95 8	WIRELESS TELECOM GROUP INC	PUT	
97655B 10 9	WINVEST ACQUISITION CORP	COMMON STOCK	
97655B 11 7	WINVEST ACQUISITION CORP	*W EXP 08/09/202	
97655B 12 5	WINVEST ACQUISITION CORP	RIGHT 99/99/9999	
97655B 20 8	WINVEST ACQUISITION CORP	UNIT 08/09/2026	
97717P AB 0	WISDOMTREE INC	NOTE 4.250% 6/1	
97717P AD 6	WISDOMTREE INC	NOTE 3.250% 6/1	
97717P 10 4 *	WISDOMTREE INC	COM	
97717P 90 4	WISDOMTREE INC	CALL	
97717P 95 4	WISDOMTREE INC	PUT	
97717W 10 9 *	WISDOMTREE TR	US TOTAL DIVIDND	
97717W 90 9	WISDOMTREE TR	CALL	
97717W 95 9	WISDOMTREE TR	PUT	
97717W 12 5 *	WISDOMTREE TR	FUTRE STRAT FD	
97717W 90 5	WISDOMTREE TR	CALL	
97717W 95 5	WISDOMTREE TR	PUT	
97717W 13 3 *	WISDOMTREE TR	EMERG CUR STR FD	
97717W 90 3	WISDOMTREE TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 693

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
97717W 95 3	WISDOMTREE TR	PUT	
97717W 18 2 *	WISDOMTREE TR	CHINESE YUAN FD	
97717W 90 2	WISDOMTREE TR	CALL	
97717W 95 2	WISDOMTREE TR	PUT	
97717W 20 8 *	WISDOMTREE TR	US HIGH DIVIDEND	
97717W 90 8	WISDOMTREE TR	CALL	
97717W 95 8	WISDOMTREE TR	PUT	
97717W 28 1 *	WISDOMTREE TR	EMG MKTS SMCAP	
97717W 90 1	WISDOMTREE TR	CALL	
97717W 95 1	WISDOMTREE TR	PUT	
97717W 30 7 *	WISDOMTREE TR	US LARGE CAP DIVD	
97717W 90 7	WISDOMTREE TR	CALL	
97717W 95 7	WISDOMTREE TR	PUT	
97717W 31 5 *	WISDOMTREE TR	EMER MKT HIGH FD	
97717W 90 5	WISDOMTREE TR	CALL	
97717W 95 5	WISDOMTREE TR	PUT	
97717W 32 3	WISDOMTREE TR	EM MKTS QTLY DIV	
97717W 33 1 *	WISDOMTREE TR	NEW ECON REAL ES	
97717W 90 1	WISDOMTREE TR	CALL	
97717W 95 1	WISDOMTREE TR	PUT	
97717W 38 0	WISDOMTREE TR	INTRST RATE HDGE	
97717W 40 6 *	WISDOMTREE TR	US AI ENHANCED	
97717W 90 6	WISDOMTREE TR	CALL	
97717W 95 6	WISDOMTREE TR	PUT	
97717W 42 2 *	WISDOMTREE TR	INDIA ERNGS FD	
97717W 90 2	WISDOMTREE TR	CALL	
97717W 95 2	WISDOMTREE TR	PUT	
97717W 43 0 *	WISDOMTREE TR	HEDGED HI YLD BD	
97717W 90 0	WISDOMTREE TR	CALL	
97717W 95 0	WISDOMTREE TR	PUT	
97717W 44 8	WISDOMTREE TR	GERMANY HEDEQ FD	
97717W 47 1 *	WISDOMTREE TR	BLMBG US BULL	
97717W 90 1	WISDOMTREE TR	CALL	
97717W 95 1	WISDOMTREE TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 694

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
97717W 50 5 *	WISDOMTREE TR	US MIDCAP DIVID	
97717W 90 5	WISDOMTREE TR	CALL	
97717W 95 5	WISDOMTREE TR	PUT	
97717W 52 1 *	WISDOMTREE TR	JPN SCAP HDG EQT	
97717W 90 1	WISDOMTREE TR	CALL	
97717W 95 1	WISDOMTREE TR	PUT	
97717W 54 7	WISDOMTREE TR	WISDOMTREE US VA	
97717W 56 2 *	WISDOMTREE TR	US SMALLCAP FUND	
97717W 90 2	WISDOMTREE TR	CALL	
97717W 95 2	WISDOMTREE TR	PUT	
97717W 57 0 *	WISDOMTREE TR	US MIDCAP FUND	
97717W 90 0	WISDOMTREE TR	CALL	
97717W 95 0	WISDOMTREE TR	PUT	
97717W 58 8 *	WISDOMTREE TR	US LARGECAP FUND	
97717W 90 8	WISDOMTREE TR	CALL	
97717W 95 8	WISDOMTREE TR	PUT	
97717W 59 6	WISDOMTREE TR	US ESG FUND	
97717W 60 4 *	WISDOMTREE TR	US SMALLCAP DIVD	
97717W 90 4	WISDOMTREE TR	CALL	
97717W 95 4	WISDOMTREE TR	PUT	
97717W 70 3 *	WISDOMTREE TR	INTL EQUITY FD	
97717W 90 3	WISDOMTREE TR	CALL	
97717W 95 3	WISDOMTREE TR	PUT	
97717W 76 0 *	WISDOMTREE TR	INTL SMCAP DIV	
97717W 90 0	WISDOMTREE TR	CALL	
97717W 95 0	WISDOMTREE TR	PUT	
97717W 77 8	WISDOMTREE TR	INTL MIDCAP DV	
97717W 78 6 *	WISDOMTREE TR	INTERNTNL AI ENH	
97717W 90 6	WISDOMTREE TR	CALL	
97717W 95 6	WISDOMTREE TR	PUT	
97717W 79 4 *	WISDOMTREE TR	INTL LRGCAP DV	
97717W 90 4	WISDOMTREE TR	CALL	
97717W 95 4	WISDOMTREE TR	PUT	
97717W 80 2 *	WISDOMTREE TR	ITL HIGH DIV FD	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 695

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717W 90 2	WISDOMTREE TR	CALL	
97717W 95 2	WISDOMTREE TR	PUT	
97717W 83 6 *	WISDOMTREE TR	JP SMALLCP DIV	
97717W 90 6	WISDOMTREE TR	CALL	
97717W 95 6	WISDOMTREE TR	PUT	
97717W 84 4 *	WISDOMTREE TR	GLB US QTLY DIV	
97717W 90 4	WISDOMTREE TR	CALL	
97717W 95 4	WISDOMTREE TR	PUT	
97717W 85 1 *	WISDOMTREE TR	JAPN HEDGE EQT	
97717W 90 1	WISDOMTREE TR	CALL	
97717W 95 1	WISDOMTREE TR	PUT	
97717W 86 9 *	WISDOMTREE TR	EUROPE SMCP DV	
97717W 90 9	WISDOMTREE TR	CALL	
97717W 95 9	WISDOMTREE TR	PUT	
97717W 87 7	WISDOMTREE TR	GLB HIGH DIV FD	
97717X 13 1 *	WISDOMTREE TR	INTL QULTY DIV	
97717X 90 1	WISDOMTREE TR	CALL	
97717X 95 1	WISDOMTREE TR	PUT	
97717X 15 6	WISDOMTREE TR	US SHT TRM CORP	
97717X 17 2	WISDOMTREE TR	US HGH YLD CORP	
97717X 19 8	WISDOMTREE TR	US CORP BOND FD	
97717X 21 4	WISDOMTREE TR	EMERG MKTS ESG	
97717X 26 3 *	WISDOMTREE TR	CURRNCY INT EQ	
97717X 90 3	WISDOMTREE TR	CALL	
97717X 95 3	WISDOMTREE TR	PUT	
97717X 27 1 *	WISDOMTREE TR	DYNAMIC INT EQ	
97717X 90 1	WISDOMTREE TR	CALL	
97717X 95 1	WISDOMTREE TR	PUT	
97717X 51 1 *	WISDOMTREE TR	YIELD ENHANCD US	
97717X 90 1	WISDOMTREE TR	CALL	
97717X 95 1	WISDOMTREE TR	PUT	
97717X 55 2	WISDOMTREE TR	EUR HDG SMLCAP	
97717X 56 0 *	WISDOMTREE TR	PUTWRITE STRAT	
97717X 90 0	WISDOMTREE TR	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 696

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717X 95 0	WISDOMTREE TR	PUT	
97717X 57 8 *	WISDOMTREE TR	EM EX ST-OWNED	
97717X 90 8	WISDOMTREE TR	CALL	
97717X 95 8	WISDOMTREE TR	PUT	
97717X 59 4 *	WISDOMTREE TR	ITL HDG QTLY DIV	
97717X 90 4	WISDOMTREE TR	CALL	
97717X 95 4	WISDOMTREE TR	PUT	
97717X 61 0	WISDOMTREE TR	EURO QTLY DIV GR	
97717X 65 1 *	WISDOMTREE TR	US S CAP QTY DIV	
97717X 90 1	WISDOMTREE TR	CALL	
97717X 95 1	WISDOMTREE TR	PUT	
97717X 66 9 *	WISDOMTREE TR	US QTLY DIV GRT	
97717X 90 9	WISDOMTREE TR	CALL	
97717X 95 9	WISDOMTREE TR	PUT	
97717X 70 1 *	WISDOMTREE TR	EUROPE HEDGED EQ	
97717X 90 1	WISDOMTREE TR	CALL	
97717X 95 1	WISDOMTREE TR	PUT	
97717X 71 9 *	WISDOMTREE TR	CHINADIV EX FI	
97717X 90 9	WISDOMTREE TR	CALL	
97717X 95 9	WISDOMTREE TR	PUT	
97717X 78 4	WISDOMTREE TR	WSDM EMKTBD FD	
97717X 86 7 *	WISDOMTREE TR	EM LCL DEBT FD	
97717X 90 7	WISDOMTREE TR	CALL	
97717X 95 7	WISDOMTREE TR	PUT	
97717Y 46 9	WISDOMTREE TR	VOYA YLD ENHNCD	ADDED
97717Y 47 7	WISDOMTREE TR	US QUALITY GROW	
97717Y 52 7 *	WISDOMTREE TR	FLOATNG RAT TREA	
97717Y 90 7	WISDOMTREE TR	CALL	
97717Y 95 7	WISDOMTREE TR	PUT	
97717Y 53 5	WISDOMTREE TR	EMERGING MKT EXC	
97717Y 54 3 *	WISDOMTREE TR	ARTIFICIAL INTEL	
97717Y 90 3	WISDOMTREE TR	CALL	
97717Y 95 3	WISDOMTREE TR	PUT	
97717Y 55 0	WISDOMTREE TR	EFFICIENT GLD PL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 697

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
97717Y 56 8 *	WISDOMTREE TR	EFFICIENT GLD PL	
97717Y 90 8	WISDOMTREE TR	CALL	
97717Y 95 8	WISDOMTREE TR	PUT	
97717Y 58 4	WISDOMTREE TR	U S GRWT & MNTM	
97717Y 59 2 *	WISDOMTREE TR	BATTERY VL CHAIN	
97717Y 90 2	WISDOMTREE TR	CALL	
97717Y 95 2	WISDOMTREE TR	PUT	
97717Y 61 8 *	WISDOMTREE TR	BIOREVOLUTION FD	
97717Y 90 8	WISDOMTREE TR	CALL	
97717Y 95 8	WISDOMTREE TR	PUT	
97717Y 62 6	WISDOMTREE TR	ALTRNTVE INCM FD	
97717Y 63 4	WISDOMTREE TR	INTERNATIONL EFI	
97717Y 64 2	WISDOMTREE TR	EMERGING MARKETS	
97717Y 65 9 *	WISDOMTREE TR	CYBERSECURITY FD	
97717Y 90 9	WISDOMTREE TR	CALL	
97717Y 95 9	WISDOMTREE TR	PUT	
97717Y 67 5	WISDOMTREE TR	TARGET RANGE FD	
97717Y 68 3 *	WISDOMTREE TR	ENHNCD CMMDTY ST	
97717Y 90 3	WISDOMTREE TR	CALL	
97717Y 95 3	WISDOMTREE TR	PUT	
97717Y 69 1 *	WISDOMTREE TR	CLOUD COMPUTNG	
97717Y 90 1	WISDOMTREE TR	CALL	
97717Y 95 1	WISDOMTREE TR	PUT	
97717Y 70 9	WISDOMTREE TR	INTL ESG FUND	
97717Y 71 7	WISDOMTREE TR	GROWTH LEADERS	
97717Y 72 5	WISDOMTREE TR	MORTGAGE PLUS BD	
97717Y 73 3	WISDOMTREE TR	INDIA EX STATE	
97717Y 77 4	WISDOMTREE TR	INTK MLTIFACTR	
97717Y 78 2	WISDOMTREE TR	EMGRING MKTS	
97717Y 79 0	WISDOMTREE TR	US EFFICIENT COR	
97717Y 80 8	WISDOMTREE TR	YIELD ENHANCED	
97717Y 85 7 *	WISDOMTREE TR	US MULTIFACTOR	
97717Y 90 7	WISDOMTREE TR	CALL	
97717Y 95 7	WISDOMTREE TR	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 698

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
97727L 30 9 *	WISEKEY INTERNATIONAL HLDS L	SPON ADS	
97727L 90 9	WISEKEY INTERNATIONAL HLDS L	CALL	
97727L 95 9	WISEKEY INTERNATIONAL HLDS L	PUT	
977852 AB 8	WOLFSPEED INC	NOTE 0.250% 2/1	ADDED
977852 10 2 *	WOLFSPEED INC	COM	
977852 90 2	WOLFSPEED INC	CALL	
977852 95 2	WOLFSPEED INC	PUT	
978097 10 3 *	WOLVERINE WORLD WIDE INC	COM	
978097 90 3	WOLVERINE WORLD WIDE INC	CALL	
978097 95 3	WOLVERINE WORLD WIDE INC	PUT	
980228 30 8 *	WOODSIDE ENERGY GROUP LTD	SPONSORED ADR	
980228 90 8	WOODSIDE ENERGY GROUP LTD	CALL	
980228 95 8	WOODSIDE ENERGY GROUP LTD	PUT	
980745 10 3 *	WOODWARD INC	COM	
980745 90 3	WOODWARD INC	CALL	
980745 95 3	WOODWARD INC	PUT	
981064 10 8	WOORI FINL GROUP INC	SPONSORED ADS	
98138H 10 1 *	WORKDAY INC	CL A	
98138H 90 1	WORKDAY INC	CALL	
98138H 95 1	WORKDAY INC	PUT	
98138J 20 6 *	WORKHORSE GROUP INC	COM NEW	
98138J 90 6	WORKHORSE GROUP INC	CALL	
98138J 95 6	WORKHORSE GROUP INC	PUT	
98139A AB 1	WORKIVA INC	NOTE 1.125% 8/1	
98139A 10 5 *	WORKIVA INC	COM CL A	
98139A 90 5	WORKIVA INC	CALL	
98139A 95 5	WORKIVA INC	PUT	
98139Q 11 8	WORKSPORT LTD	*W EXP 08/06/202	
98139Q 20 9 *	WORKSPORT LTD	COM NEW	
98139Q 90 9	WORKSPORT LTD	CALL	
98139Q 95 9	WORKSPORT LTD	PUT	
981419 10 4 *	WORLD ACCEP CORPORATION	COM	
981419 90 4	WORLD ACCEP CORPORATION	CALL	
981419 95 4	WORLD ACCEP CORPORATION	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 699

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
981475 10 6 *	WORLD FUEL SVCS CORP	COM	
981475 90 6	WORLD FUEL SVCS CORP	CALL	
981475 95 6	WORLD FUEL SVCS CORP	PUT	
98149E 30 3	WORLD GOLD TR	SPDR GLD MINIS	
98156Q AB 4	WORLD WRESTLING ENTMT INC	NOTE 3.375%12/1	
98156Q 10 8 *	WORLD WRESTLING ENTMT INC	CL A	
98156Q 90 8	WORLD WRESTLING ENTMT INC	CALL	
98156Q 95 8	WORLD WRESTLING ENTMT INC	PUT	
981811 10 2 *	WORTHINGTON INDS INC	COM	
981811 90 2	WORTHINGTON INDS INC	CALL	
981811 95 2	WORTHINGTON INDS INC	PUT	
98212N 10 7 *	WRAP TECHNOLOGIES INC	COM	
98212N 90 7	WRAP TECHNOLOGIES INC	CALL	
98212N 95 7	WRAP TECHNOLOGIES INC	PUT	
98262P 10 1 *	WW INTL INC	COM	
98262P 90 1	WW INTL INC	CALL	
98262P 95 1	WW INTL INC	PUT	
98311A 10 5 *	WYNDHAM HOTELS & RESORTS INC	COM	
98311A 90 5	WYNDHAM HOTELS & RESORTS INC	CALL	
98311A 95 5	WYNDHAM HOTELS & RESORTS INC	PUT	
983134 10 7 *	WYNN RESORTS LTD	COM	
983134 90 7	WYNN RESORTS LTD	CALL	
983134 95 7	WYNN RESORTS LTD	PUT	
9837FR 10 0 *	SPRUCE POWER HOLDING CORP	COM CL A	
9837FR 90 0	SPRUCE POWER HOLDING CORP	CALL	
9837FR 95 0	SPRUCE POWER HOLDING CORP	PUT	
98372W 20 2	X FINL	SPONSORED ADS	
98379L 10 0 *	XPEL INC	COM	
98379L 90 0	XPEL INC	CALL	
98379L 95 0	XPEL INC	PUT	
983793 10 0 *	XPO INC	COM	
983793 90 0	XPO INC	CALL	
983793 95 0	XPO INC	PUT	
98386D 30 7	XTL BIOPHARMACEUTICALS LTD	SPONSORED ADR NE	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 700

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
98389B 10 0 *	XCEL ENERGY INC	COM	
98389B 90 0	XCEL ENERGY INC	CALL	
98389B 95 0	XCEL ENERGY INC	PUT	
98400H 10 2 *	XBIOTECH INC	COM	
98400H 90 2	XBIOTECH INC	CALL	
98400H 95 2	XBIOTECH INC	PUT	
98400M 10 1	XCEL BRANDS INC	COM NEW	
98400T 10 6	XAI OCTAGON FLOATING RATE &	COM	
98401F 10 5 *	XENCOR INC	COM	
98401F 90 5	XENCOR INC	CALL	
98401F 95 5	XENCOR INC	PUT	
984015 13 1	XENETIC BIOSCIENCES INC	*W EXP 07/19/202	
984015 50 3 *	XENETIC BIOSCIENCES INC	COM	
984015 90 3	XENETIC BIOSCIENCES INC	CALL	
984015 95 3	XENETIC BIOSCIENCES INC	PUT	
984017 10 3 *	XENIA HOTELS & RESORTS INC	COM	
984017 90 3	XENIA HOTELS & RESORTS INC	CALL	
984017 95 3	XENIA HOTELS & RESORTS INC	PUT	
98417P 20 4 *	XINYUAN REAL ESTATE CO LTD	SPON ADR	
98417P 90 4	XINYUAN REAL ESTATE CO LTD	CALL	
98417P 95 4	XINYUAN REAL ESTATE CO LTD	PUT	
98419E 10 8 *	XUNLEI LTD	SPONSORED ADR	
98419E 90 8	XUNLEI LTD	CALL	
98419E 95 8	XUNLEI LTD	PUT	
98419J 20 6 *	XOMA CORP DEL	COM NEW	
98419J 90 6	XOMA CORP DEL	CALL	
98419J 95 6	XOMA CORP DEL	PUT	
98419M 10 0 *	XYLEM INC	COM	
98419M 90 0	XYLEM INC	CALL	
98419M 95 0	XYLEM INC	PUT	
98420N 10 5 *	XENON PHARMACEUTICALS INC	COM	
98420N 90 5	XENON PHARMACEUTICALS INC	CALL	
98420N 95 5	XENON PHARMACEUTICALS INC	PUT	
98420P 30 8	XTANT MED HLDGS INC	COM NEW	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 701

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
98420Q 20 7	XORTX THERAPEUTICS INC	COM NEW	
98420U 70 3 *	XWELL INC	COM	
98420U 90 3	XWELL INC	CALL	
98420U 95 3	XWELL INC	PUT	
98420X 10 3 *	X4 PHARMACEUTICALS INC	COM	
98420X 90 3	X4 PHARMACEUTICALS INC	CALL	
98420X 95 3	X4 PHARMACEUTICALS INC	PUT	
98421M 10 6 *	XEROX HOLDINGS CORP	COM NEW	
98421M 90 6	XEROX HOLDINGS CORP	CALL	
98421M 95 6	XEROX HOLDINGS CORP	PUT	
98422D 10 5 *	XPENG INC	ADS	
98422D 90 5	XPENG INC	CALL	
98422D 95 5	XPENG INC	PUT	
98422E 10 3 *	XERIS BIOPHARMA HOLDINGS INC	COM	
98422E 90 3	XERIS BIOPHARMA HOLDINGS INC	CALL	
98422E 95 3	XERIS BIOPHARMA HOLDINGS INC	PUT	
98422L AA 5	XERIS BIOPHARMA HOLDINGS INC	NOTE 5.000% 7/1	
98422P 10 8	AKSO HEALTH GROUP	ADS	
98422T 10 0	XILIO THERAPEUTICS INC	COM	
98422X 10 1 *	XPONENTIAL FITNESS INC	COM CL A	
98422X 90 1	XPONENTIAL FITNESS INC	CALL	
98422X 95 1	XPONENTIAL FITNESS INC	PUT	
98423B 10 8 *	XOS INC	COMMON STOCK	
98423B 90 8	XOS INC	CALL	
98423B 95 8	XOS INC	PUT	
98423B 11 6	XOS INC	*W EXP 99/99/999	
98423F AB 5	XOMETRY INC	NOTE 1.000% 2/0	ADDED
98423F 10 9 *	XOMETRY INC	CLASS A COM	
98423F 90 9	XOMETRY INC	CALL	
98423F 95 9	XOMETRY INC	PUT	
98423J 10 1 *	XPERI INC	COMMON STOCK	
98423J 90 1	XPERI INC	CALL	
98423J 95 1	XPERI INC	PUT	
98423X 10 0	XIAO-I CORP	ADS	ADDED

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 702

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
984241 10 9 *	Y-MABS THERAPEUTICS INC	COM	
984241 90 9	Y-MABS THERAPEUTICS INC	CALL	
984241 95 9	Y-MABS THERAPEUTICS INC	PUT	
984245 10 0 *	YPF SOCIEDAD ANONIMA	SPON ADR CL D	
984245 90 0	YPF SOCIEDAD ANONIMA	CALL	
984245 95 0	YPF SOCIEDAD ANONIMA	PUT	
98426T AD 8	JOYY INC	NOTE 0.750% 6/1	
98426T AF 3	JOYY INC	NOTE 1.375% 6/1	
98459U 10 3 *	YALLA GROUP LTD	ADS	
98459U 90 3	YALLA GROUP LTD	CALL	
98459U 95 3	YALLA GROUP LTD	PUT	
98462Y 10 0 *	YAMANA GOLD INC	COM	
98462Y 90 0	YAMANA GOLD INC	CALL	
98462Y 95 0	YAMANA GOLD INC	PUT	
985194 10 9 *	YATSEN HLDG LTD	ADS	
985194 90 9	YATSEN HLDG LTD	CALL	
985194 95 9	YATSEN HLDG LTD	PUT	
985510 10 6 *	YELLOW CORP	COM	
985510 90 6	YELLOW CORP	CALL	
985510 95 6	YELLOW CORP	PUT	
985817 10 5 *	YELP INC	CL A	
985817 90 5	YELP INC	CALL	
985817 95 5	YELP INC	PUT	
98585K 86 2	YIELD10 BIOSCIENCE INC	COM	
98585L 10 0 *	YIREN DIGITAL LTD	SPONSORED ADS	
98585L 90 0	YIREN DIGITAL LTD	CALL	
98585L 95 0	YIREN DIGITAL LTD	PUT	
98585N 10 6 *	YEXT INC	COM	
98585N 90 6	YEXT INC	CALL	
98585N 95 6	YEXT INC	PUT	
98585X 10 4 *	YETI HLDGS INC	COM	
98585X 90 4	YETI HLDGS INC	CALL	
98585X 95 4	YETI HLDGS INC	PUT	
987184 10 8 *	YORK WTR CO	COM	



Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 703

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
987184 90 8	YORK WTR CO	CALL	
987184 95 8	YORK WTR CO	PUT	
98740Y 10 4	YOSHIHARU GLOBAL CO	COM CL A	
98741L 10 1	YOSHITSU CO LTD	SPONSORED ADS	
98741T 10 4 *	YOU DAO INC	SPONSORED ADS	
98741T 90 4	YOU DAO INC	CALL	
98741T 95 4	YOU DAO INC	PUT	
98741Y 10 3	YOTTA ACQUISITION CORPORATIO	COMMON STOCK	
98741Y 11 1	YOTTA ACQUISITION CORPORATIO	*W EXP 03/15/202	
98741Y 12 9	YOTTA ACQUISITION CORPORATIO	RIGHT 03/15/2027	
98741Y 20 2	YOTTA ACQUISITION CORPORATIO	UNIT 03/15/2027	
988498 10 1 *	YUM BRANDS INC	COM	
988498 90 1	YUM BRANDS INC	CALL	
988498 95 1	YUM BRANDS INC	PUT	
98850P 10 9 *	YUM CHINA HLDGS INC	COM	
98850P 90 9	YUM CHINA HLDGS INC	CALL	
98850P 95 9	YUM CHINA HLDGS INC	PUT	
98873N 10 7	YUNJI INC	ADS RP CL A	
98873Q 10 0	YUNHONG CTI LTD	COM	
98880R 10 9 *	ZW DATA ACTION TECHNOLOGS IN	COM	DELETED
98880R 90 9	ZW DATA ACTION TECHNOLOGS IN	CALL	DELETED
98880R 95 9	ZW DATA ACTION TECHNOLOGS IN	PUT	DELETED
98880R 20 8 *	ZW DATA ACTION TECHNOLOGS IN	COM NEW	ADDED
98880R 90 8	ZW DATA ACTION TECHNOLOGS IN	CALL	ADDED
98880R 95 8	ZW DATA ACTION TECHNOLOGS IN	PUT	ADDED
98887Q 10 4 *	ZAI LAB LTD	ADR	
98887Q 90 4	ZAI LAB LTD	CALL	
98887Q 95 4	ZAI LAB LTD	PUT	
98888G 10 5	ZACKS TRUST	EARNGS CONSTANT	
98888T 10 7 *	ZIMVIE INC	COM	
98888T 90 7	ZIMVIE INC	CALL	
98888T 95 7	ZIMVIE INC	PUT	
989207 10 5 *	ZEBRA TECHNOLOGIES CORPORATI	CL A	
989207 90 5	ZEBRA TECHNOLOGIES CORPORATI	CALL	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 704

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
989207 95 5	ZEBRA TECHNOLOGIES CORPORATI	PUT	
98923T 10 4 *	ZEDGE INC	CL B	
98923T 90 4	ZEDGE INC	CALL	
98923T 95 4	ZEDGE INC	PUT	
98942X 10 2	ZENTEK LTD	COM	
98943L 10 7 *	ZENTALIS PHARMACEUTICALS INC	COM	
98943L 90 7	ZENTALIS PHARMACEUTICALS INC	CALL	
98943L 95 7	ZENTALIS PHARMACEUTICALS INC	PUT	
98945L 10 5 *	ZEPP HEALTH CORPORATION	SPONSORED ADS	
98945L 90 5	ZEPP HEALTH CORPORATION	CALL	
98945L 95 5	ZEPP HEALTH CORPORATION	PUT	
98954M AE 1	ZILLOW GROUP INC	NOTE 0.750% 9/0	
98954M AG 6	ZILLOW GROUP INC	NOTE 1.375% 9/0	
98954M AH 4	ZILLOW GROUP INC	NOTE 2.750% 5/1	
98954M 10 1 *	ZILLOW GROUP INC	CL A	
98954M 90 1	ZILLOW GROUP INC	CALL	
98954M 95 1	ZILLOW GROUP INC	PUT	
98954M 20 0 *	ZILLOW GROUP INC	CL C CAP STK	
98954M 90 0	ZILLOW GROUP INC	CALL	
98954M 95 0	ZILLOW GROUP INC	PUT	
98955G 10 3	ZEROFOX HLDGS INC	COM	
98955G 11 1	ZEROFOX HLDGS INC	*W EXP 08/03/202	
98955K 10 4 *	ZEVIA PBC	CL A	
98955K 90 4	ZEVIA PBC	CALL	
98955K 95 4	ZEVIA PBC	PUT	
98955N 10 8 *	ZHIHU INC	ADS	
98955N 90 8	ZHIHU INC	CALL	
98955N 95 8	ZHIHU INC	PUT	
98956A 10 5 *	ZETA GLOBAL HOLDINGS CORP	CL A	
98956A 90 5	ZETA GLOBAL HOLDINGS CORP	CALL	
98956A 95 5	ZETA GLOBAL HOLDINGS CORP	PUT	
98956P 10 2 *	ZIMMER BIOMET HOLDINGS INC	COM	
98956P 90 2	ZIMMER BIOMET HOLDINGS INC	CALL	
98956P 95 2	ZIMMER BIOMET HOLDINGS INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 705

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
989570 10 6	ZIMMER ENERGY TRANSITION ACQ	COM CL A	
989570 11 4	ZIMMER ENERGY TRANSITION ACQ	*W EXP 06/16/202	
989570 20 5	ZIMMER ENERGY TRANSITION ACQ	UNIT 06/16/2026	
989701 10 7 *	ZIONS BANCORPORATION N A	COM	
989701 90 7	ZIONS BANCORPORATION N A	CALL	
989701 95 7	ZIONS BANCORPORATION N A	PUT	
98973P 10 1 *	ALAUNOS THERAPEUTICS INC	COM	
98973P 90 1	ALAUNOS THERAPEUTICS INC	CALL	
98973P 95 1	ALAUNOS THERAPEUTICS INC	PUT	
98978N 11 9	ZIVO BIOSCIENCE INC	*W EXP 06/02/202	
98978N 20 0	ZIVO BIOSCIENCE INC	COM NEW	
98978V 10 3 *	ZOETIS INC	CL A	
98978V 90 3	ZOETIS INC	CALL	
98978V 95 3	ZOETIS INC	PUT	
98980A 10 5 *	ZTO EXPRESS CAYMAN INC	SPONSORED ADS A	
98980A 90 5	ZTO EXPRESS CAYMAN INC	CALL	
98980A 95 5	ZTO EXPRESS CAYMAN INC	PUT	
98980B 10 3 *	ZIPRECRUITER INC	CL A	
98980B 90 3	ZIPRECRUITER INC	CALL	
98980B 95 3	ZIPRECRUITER INC	PUT	
98980F 10 4 *	ZOOMINFO TECHNOLOGIES INC	COMMON STOCK	
98980F 90 4	ZOOMINFO TECHNOLOGIES INC	CALL	
98980F 95 4	ZOOMINFO TECHNOLOGIES INC	PUT	
98980G AB 8	ZSCALER INC	NOTE 0.125% 7/0	
98980G 10 2 *	ZSCALER INC	COM	
98980G 90 2	ZSCALER INC	CALL	
98980G 95 2	ZSCALER INC	PUT	
98980L 10 1 *	ZOOM VIDEO COMMUNICATIONS IN	CL A	
98980L 90 1	ZOOM VIDEO COMMUNICATIONS IN	CALL	
98980L 95 1	ZOOM VIDEO COMMUNICATIONS IN	PUT	
98980M 10 9	ZOMEDICA CORP	COM	
989817 10 1 *	ZUMIEZ INC	COM	
989817 90 1	ZUMIEZ INC	CALL	
989817 95 1	ZUMIEZ INC	PUT	

Run Date: 4/3/2023

**\*\* List of Section 13F Securities \*\***

Page 706

Run Time: 14:54

Year: 2023 Qtr: 1

IVM001

<b>CUSIP NO</b>	<b>ISSUER NAME</b>	<b>ISSUER DESCRIPTION</b>	<b>STATUS</b>
98983L 10 8 *	ZURN ELKAY WATER SOLNS CORP	COM	
98983L 90 8	ZURN ELKAY WATER SOLNS CORP	CALL	
98983L 95 8	ZURN ELKAY WATER SOLNS CORP	PUT	
98983V 10 6 *	ZUORA INC	COM CL A	
98983V 90 6	ZUORA INC	CALL	
98983V 95 6	ZUORA INC	PUT	
98985Y 10 8 *	ZYMEWORKS INC	COM	
98985Y 90 8	ZYMEWORKS INC	CALL	
98985Y 95 8	ZYMEWORKS INC	PUT	
98986M 10 3 *	ZYNEX INC	COM	
98986M 90 3	ZYNEX INC	CALL	
98986M 95 3	ZYNEX INC	PUT	
98986T AB 4	ZYNGA INC	NOTE 0.250% 6/0	
98986T AD 0	ZYNGA INC	NOTE 12/1	
98986X 10 9 *	ZYNERBA PHARMACEUTICALS INC	COM	
98986X 90 9	ZYNERBA PHARMACEUTICALS INC	CALL	
98986X 95 9	ZYNERBA PHARMACEUTICALS INC	PUT	
98987D 10 2	ZYVERSA THERAPEUTICS INC	COM	

**Total Count: 23,988**