

List of Section 13F Securities

Fourth Quarter ♦ FY 2018

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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 December 15, 2018, and may be relied on by institutional investment managers filing Form 13F reports for the calendar quarter ending December 31, 2018. 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.

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
B38564 10 8 *	EURONAV NV ANTWERPEN	SHS	
B38564 90 8	EURONAV NV ANTWERPEN	CALL	
B38564 95 8	EURONAV NV ANTWERPEN	PUT	
C10268 AC 1	BLACKBERRY LTD	DEBT 3.750%11/1	
C35329 AA 6	FIRST MAJESTIC SILVER CORP	DEBT 1.875% 3/0	
D18190 89 8 *	DEUTSCHE BANK AG	NAMEN AKT	
D18190 90 8	DEUTSCHE BANK AG	CALL	
D18190 95 8	DEUTSCHE BANK AG	PUT	
G0084W 10 1 *	ADIANT PLC	ORD SHS	
G0084W 90 1	ADIANT PLC	CALL	
G0084W 95 1	ADIANT PLC	PUT	
G0129K 10 4 *	AIRCASTLE LTD	COM	
G0129K 90 4	AIRCASTLE LTD	CALL	
G0129K 95 4	AIRCASTLE LTD	PUT	
G0132V 10 5	AGM GROUP HOLDINGS INC	SHS CL A	
G0176J 10 9 *	ALLEGION PUB LTD CO	ORD SHS	
G0176J 90 9	ALLEGION PUB LTD CO	CALL	
G0176J 95 9	ALLEGION PUB LTD CO	PUT	
G01767 10 5 *	ALKERMES PLC	SHS	
G01767 90 5	ALKERMES PLC	CALL	
G01767 95 5	ALKERMES PLC	PUT	
G0177J 10 8 *	ALLERGAN PLC	SHS	
G0177J 90 8	ALLERGAN PLC	CALL	
G0177J 95 8	ALLERGAN PLC	PUT	
G02602 10 3 *	AMDOCS LTD	SHS	
G02602 90 3	AMDOCS LTD	CALL	
G02602 95 3	AMDOCS LTD	PUT	
G0335L 10 2 *	AMIRA NATURE FOODS LTD	SHS	
G0335L 90 2	AMIRA NATURE FOODS LTD	CALL	
G0335L 95 2	AMIRA NATURE FOODS LTD	PUT	
G037AX 10 1 *	AMBARELLA INC	SHS	
G037AX 90 1	AMBARELLA INC	CALL	
G037AX 95 1	AMBARELLA INC	PUT	
G0408V 10 2 *	AON PLC	SHS CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G0408V 90 2	AON PLC	CALL	
G0408V 95 2	AON PLC	PUT	
G0443N 10 7	AQUAVENTURE HLDGS LTD	SHS	
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	
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	
G0535E 10 6	ASIA PACIFIC WIRE & CABLE CO	ORD	
G05384 10 5 *	ASPEN INSURANCE HOLDINGS LTD	SHS	
G05384 90 5	ASPEN INSURANCE HOLDINGS LTD	CALL	
G05384 95 5	ASPEN INSURANCE HOLDINGS LTD	PUT	
G0551A 10 3 *	ARRIS INTL INC	SHS	
G0551A 90 3	ARRIS INTL INC	CALL	
G0551A 95 3	ARRIS INTL INC	PUT	
G0585R 10 6 *	ASSURED GUARANTY LTD	COM	
G0585R 90 6	ASSURED GUARANTY LTD	CALL	
G0585R 95 6	ASSURED GUARANTY LTD	PUT	
G06207 11 5 *	ATLAS FINANCIAL HOLDINGS INC	SHS NEW	
G06207 90 5	ATLAS FINANCIAL HOLDINGS INC	CALL	
G06207 95 5	ATLAS FINANCIAL HOLDINGS INC	PUT	
G06242 10 4 *	ATLASSIAN CORP PLC	CL A	
G06242 90 4	ATLASSIAN CORP PLC	CALL	
G06242 95 4	ATLASSIAN CORP PLC	PUT	
G0684D 10 7 *	ATHENE HLDG LTD	CL A	
G0684D 90 7	ATHENE HLDG LTD	CALL	
G0684D 95 7	ATHENE HLDG LTD	PUT	
G0692U 10 9 *	AXIS CAPITAL HOLDINGS LTD	SHS	
G0692U 90 9	AXIS CAPITAL HOLDINGS LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G0692U 95 9	AXIS CAPITAL HOLDINGS LTD	PUT	
G0726L 10 9	AVISTA HEALTHCARE PUB ACQ CO	UNIT 99/99/9999	DELETED
G0726L 11 7	AVISTA HEALTHCARE PUB ACQ CO	*W EXP 10/07/202	DELETED
G0726L 12 5	AVISTA HEALTHCARE PUB ACQ CO	CL A	DELETED
G0750C 10 8 *	AXALTA COATING SYS LTD	COM	
G0750C 90 8	AXALTA COATING SYS LTD	CALL	
G0750C 95 8	AXALTA COATING SYS LTD	PUT	
G0750W 10 4 *	AXOVANT SCIENCES LTD	COM	
G0750W 90 4	AXOVANT SCIENCES LTD	CALL	
G0750W 95 4	AXOVANT SCIENCES LTD	PUT	
G0751N 10 3 *	ATLANTICA YIELD PLC	SHS	
G0751N 90 3	ATLANTICA YIELD PLC	CALL	
G0751N 95 3	ATLANTICA YIELD PLC	PUT	
G0772R 20 8	BANK OF NT BUTTERFIELD&SON L	SHS NEW	
G10830 10 0	BEYONDSRING INC	SHS	
G11196 10 5 *	BIOHAVEN PHARMACTL HLDG CO L	COM	
G11196 90 5	BIOHAVEN PHARMACTL HLDG CO L	CALL	
G11196 95 5	BIOHAVEN PHARMACTL HLDG CO L	PUT	
G1142P 10 4	BISON CAP ACQUISITION CORP	ORD SHS	
G1142P 11 2	BISON CAP ACQUISITION CORP	*W EXP 06/20/202	
G1142P 12 0	BISON CAP ACQUISITION CORP	UNIT 99/99/9999T	
G1142P 13 8	BISON CAP ACQUISITION CORP	RIGHT 03/20/2019	
G1151C 10 1 *	ACCENTURE PLC IRELAND	SHS CLASS A	
G1151C 90 1	ACCENTURE PLC IRELAND	CALL	
G1151C 95 1	ACCENTURE PLC IRELAND	PUT	
G1154H 10 7 *	BELMOND LTD	CL A	
G1154H 90 7	BELMOND LTD	CALL	
G1154H 95 7	BELMOND LTD	PUT	
G1190F 10 7	BLUE CAP REINS HLDGS LTD	COM	
G1466B 10 3	BORQS TECHNOLOGIES INC	SHS	
G14838 10 9 *	MIMECAST LTD	ORD SHS	
G14838 90 9	MIMECAST LTD	CALL	
G14838 95 9	MIMECAST LTD	PUT	
G16234 10 9 *	BROOKFIELD BUSINESS PARTNERS	UNIT LTD LP	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G16234 90 9	BROOKFIELD BUSINESS PARTNERS	CALL	
G16234 95 9	BROOKFIELD BUSINESS PARTNERS	PUT	
G16249 10 7 *	BROOKFIELD PPTY PARTNERS L P	UNIT LTD PARTN	
G16249 90 7	BROOKFIELD PPTY PARTNERS L P	CALL	
G16249 95 7	BROOKFIELD PPTY PARTNERS L P	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	
G1644T 10 9	BRIGHTSPHERE INVESTMNT GRP P	SHS	
G16962 10 5 *	BUNGE LIMITED	COM	
G16962 90 5	BUNGE LIMITED	CALL	
G16962 95 5	BUNGE LIMITED	PUT	
G1757E 11 3	CALEDONIA MNG CORP PLC	SHS NEW	
G18920 10 1	CAPITOL INVT CORP IV	CL A ORD	
G18920 11 9	CAPITOL INVT CORP IV	UNIT 99/99/9999	
G18920 12 7	CAPITOL INVT CORP IV	*W EXP 01/01/202	
G1991C 10 5 *	CARDTRONICS PLC	SHS CL A	
G1991C 90 5	CARDTRONICS PLC	CALL	
G1991C 95 5	CARDTRONICS PLC	PUT	
G1992S 10 9 *	CISION LTD	SHS	
G1992S 90 9	CISION LTD	CALL	
G1992S 95 9	CISION LTD	PUT	
G20045 20 2 *	CENTRAL EUROPEAN MEDIA ENTRP	CL A NEW	
G20045 90 2	CENTRAL EUROPEAN MEDIA ENTRP	CALL	
G20045 95 2	CENTRAL EUROPEAN MEDIA ENTRP	PUT	
G21082 10 5 *	CHINA YUCHAI INTL LTD	COM	
G21082 90 5	CHINA YUCHAI INTL LTD	CALL	
G21082 95 5	CHINA YUCHAI INTL LTD	PUT	
G2110U 10 9	CHINA NATURAL RESOURCES INC	COM	
G2113X 13 4	CHINA CERAMICS CO LTD	SHS NEW	
G2118P 10 2	CHINA CUST RELATIONS CNTR IN	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G21182 AA 1	CHINA LODGING GROUP LTD	DEBT 0.375%11/0	DELETED
G2120A 10 1	CHINA INTERNET NATIONWIDE FI	SHS	
G21225 10 0	CHINA ADVANCED CONSTR MATLS	SHS	ADDED
G21515 10 4 *	CHINA BIOLOGIC PRODS HLDGS I	COM	
G21515 90 4	CHINA BIOLOGIC PRODS HLDGS I	CALL	
G21515 95 4	CHINA BIOLOGIC PRODS HLDGS I	PUT	
G21612 10 9	CHINA LENDING CORP	SHS	
G22707 10 6	COLLIER CREEK HOLDINGS	COM CL A	ADDED
G22707 11 4	COLLIER CREEK HOLDINGS	*W EXP 99/99/999	ADDED
G22707 12 2	COLLIER CREEK HOLDINGS	UNIT 99/99/9999	ADDED
G2345N 10 2	CM SEVEN STAR ACQUISITION CO	SHS	
G2345N 11 0	CM SEVEN STAR ACQUISITION CO	*W EXP 08/21/202	
G2345N 12 8	CM SEVEN STAR ACQUISITION CO	UNIT 08/21/2022	
G2345N 13 6	CM SEVEN STAR ACQUISITION CO	RIGHT 08/21/2022	
G23773 10 7 *	CONSOLIDATED WATER CO INC	ORD	
G23773 90 7	CONSOLIDATED WATER CO INC	CALL	
G23773 95 7	CONSOLIDATED WATER CO INC	PUT	
G2379F 10 8	CONSTELLATION ALPHA CAP CORP	SHS	
G2379F 11 6	CONSTELLATION ALPHA CAP CORP	*W EXP 03/23/202	
G2379F 12 4	CONSTELLATION ALPHA CAP CORP	UNIT 99/99/9999	
G2379F 13 2	CONSTELLATION ALPHA CAP CORP	RIGHT 99/99/9999	
G2519Y 10 8 *	CREDICORP LTD	COM	
G2519Y 90 8	CREDICORP LTD	CALL	
G2519Y 95 8	CREDICORP LTD	PUT	
G25343 10 7 *	COSAN LTD	SHS A	
G25343 90 7	COSAN LTD	CALL	
G25343 95 7	COSAN LTD	PUT	
G25839 10 4 *	COCA COLA EUROPEAN PARTNERS	SHS	
G25839 90 4	COCA COLA EUROPEAN PARTNERS	CALL	
G25839 95 4	COCA COLA EUROPEAN PARTNERS	PUT	
G2692M 10 3	DD3 ACQUISITION CORP	SHS	ADDED
G2692M 11 1	DD3 ACQUISITION CORP	*W EXP 10/20/202	ADDED
G2692M 12 9	DD3 ACQUISITION CORP	UNIT 10/12/2023	ADDED
G2709G 10 7 *	DELPHI TECHNOLOGIES PLC	SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G2709G 90 7	DELPHI TECHNOLOGIES PLC	CALL	
G2709G 95 7	DELPHI TECHNOLOGIES PLC	PUT	
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	
G2788T 10 3	DOGNESS INTERNATIONAL CORP	COM CL A	
G28365 10 7	DRAGON VICTORY INTL LTD	SHS	
G29183 10 3 *	EATON CORP PLC	SHS	
G29183 90 3	EATON CORP PLC	CALL	
G29183 95 3	EATON CORP PLC	PUT	
G30401 10 6 *	ENDO INTL PLC	SHS	
G30401 90 6	ENDO INTL PLC	CALL	
G30401 95 6	ENDO INTL PLC	PUT	
G3075P 10 1	ENSTAR GROUP LIMITED	SHS	
G31249 10 8	ESTABLISHMENT LABS HLDGS INC	COM	
G3156P 10 3 *	ASA GOLD AND PRECIOUS MTLs L	SHS	
G3156P 90 3	ASA GOLD AND PRECIOUS MTLs L	CALL	
G3156P 95 3	ASA GOLD AND PRECIOUS MTLs L	PUT	
G3157S 10 6 *	ENSCO PLC	SHS CLASS A	
G3157S 90 6	ENSCO PLC	CALL	
G3157S 95 6	ENSCO PLC	PUT	
G31642 10 4	CLPS INCORPORATION	COM	
G3165V 10 9	ARYA SCIENCES ACQUISITION CO	SHS CL A	ADDED
G3165V 11 7	ARYA SCIENCES ACQUISITION CO	UNIT 10/04/2023	ADDED
G3165V 12 5	ARYA SCIENCES ACQUISITION CO	*W EXP 10/10/202	ADDED
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	
G3206V 10 0	ESTRE AMBIENTAL INC	SHS	
G3206V 11 8	ESTRE AMBIENTAL INC	*W EXP 12/21/202	

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G3223R 10 8 *	EVEREST RE GROUP LTD	COM	
G3223R 90 8	EVEREST RE GROUP LTD	CALL	
G3223R 95 8	EVEREST RE GROUP LTD	PUT	
G3323L 10 0 *	FABRINET	SHS	
G3323L 90 0	FABRINET	CALL	
G3323L 95 0	FABRINET	PUT	
G33277 10 7	FARMMI INC	SHS	
G33856 10 8 *	FERROGLOBE PLC	SHS	
G33856 90 8	FERROGLOBE PLC	CALL	
G33856 95 8	FERROGLOBE PLC	PUT	
G3402M 10 2 *	FGL HLDGS	ORD SHS	
G3402M 90 2	FGL HLDGS	CALL	
G3402M 95 2	FGL HLDGS	PUT	
G3402M 11 0	FGL HLDGS	*W EXP 11/30/202	
G35006 10 8	ALBERTON ACQUISITION CORP	ORD SHS	ADDED
G35006 11 6	ALBERTON ACQUISITION CORP	UNIT 04/22/2020	ADDED
G35006 12 4	ALBERTON ACQUISITION CORP	*W EXP 04/26/202	ADDED
G35006 13 2	ALBERTON ACQUISITION CORP	RIGHT 10/04/2020	ADDED
G36738 10 5 *	FRESH DEL MONTE PRODUCE INC	ORD	
G36738 90 5	FRESH DEL MONTE PRODUCE INC	CALL	
G36738 95 5	FRESH DEL MONTE PRODUCE INC	PUT	
G3682E 19 2 *	FRONTLINE LTD	SHS NEW	
G3682E 90 2	FRONTLINE LTD	CALL	
G3682E 95 2	FRONTLINE LTD	PUT	
G3704F 11 0	FUWEI FILMS HLDGS CO LTD	SHS NEW	
G3729B 10 2	FULING GLOBAL INC	SHS	
G37585 10 9 *	GASLOG LTD	SHS	
G37585 90 9	GASLOG LTD	CALL	
G37585 95 9	GASLOG LTD	PUT	
G3788M 11 4 *	EROS INTL PLC	SHS NEW	
G3788M 90 4	EROS INTL PLC	CALL	
G3788M 95 4	EROS INTL PLC	PUT	
G38327 10 5 *	GEOPARK LTD	USD SHS	
G38327 90 5	GEOPARK LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G38327 95 5	GEOPARK LTD	PUT	
G3902L AA 7	GDS HLDGS LTD	DEBT 2.000% 6/0	
G39108 10 8 *	GATES INDUSTRIAL CORPRATIN P	ORD SHS	
G39108 90 8	GATES INDUSTRIAL CORPRATIN P	CALL	
G39108 95 8	GATES INDUSTRIAL CORPRATIN P	PUT	
G3922B 10 7 *	GENPACT LIMITED	SHS	
G3922B 90 7	GENPACT LIMITED	CALL	
G3922B 95 7	GENPACT LIMITED	PUT	
G3933F 10 5 *	GLOBAL INDTY LTD CAYMAN	USD CL A SHS	
G3933F 90 5	GLOBAL INDTY LTD CAYMAN	CALL	
G3933F 95 5	GLOBAL INDTY LTD CAYMAN	PUT	
G39342 10 3 *	GLOBAL CORD BLOOD CORPORATIO	SHS	
G39342 90 3	GLOBAL CORD BLOOD CORPORATIO	CALL	
G39342 95 3	GLOBAL CORD BLOOD CORPORATIO	PUT	
G39637 20 5 *	GOLDEN OCEAN GROUP LTD	SHS NEW	
G39637 90 5	GOLDEN OCEAN GROUP LTD	CALL	
G39637 95 5	GOLDEN OCEAN GROUP LTD	PUT	
G4027R 10 4	GOLDEN BULL LTD	SHS	
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	
G40981 10 5	GREENLAND ACQUISITIN CORPORA	*W EXP 03/03/202	
G40981 11 3	GREENLAND ACQUISITIN CORPORA	RIGHT 04/27/2025	
G40981 12 1	GREENLAND ACQUISITIN CORPORA	UNIT 03/03/2025	
G40981 13 9	GREENLAND ACQUISITIN CORPORA	SHS	
G4182A 10 2	GTY TECHNOLOGY HOLDINGS INC	CL A	
G4182A 11 0	GTY TECHNOLOGY HOLDINGS INC	UNIT 99/99/9999	
G4182A 12 8	GTY TECHNOLOGY HOLDINGS INC	*W EXP 10/25/202	
G4388N 10 6 *	HELEN OF TROY CORP LTD	COM	
G4388N 90 6	HELEN OF TROY CORP LTD	CALL	
G4388N 95 6	HELEN OF TROY CORP LTD	PUT	
G4412G 10 1 *	HERBALIFE NUTRITION LTD	COM SHS	
G4412G 90 1	HERBALIFE NUTRITION LTD	CALL	
G4412G 95 1	HERBALIFE NUTRITION LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G4418R 10 1	HEBRON TECHNOLOGY CO LTD	COM CLASS A	
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	
G45667 10 5 *	HOLLYSYS AUTOMATION TECHNOLO	SHS	
G45667 90 5	HOLLYSYS AUTOMATION TECHNOLO	CALL	
G45667 95 5	HOLLYSYS AUTOMATION TECHNOLO	PUT	
G4603R 10 6	HL ACQUISITIONS CORP	SHS	
G4603R 11 4	HL ACQUISITIONS CORP	UNIT 06/21/2023	
G4603R 12 2	HL ACQUISITIONS CORP	*W EXP 06/21/202	
G4603R 13 0	HL ACQUISITIONS CORP	RIGHT 07/17/2023	
G4617B 10 5 *	HORIZON PHARMA PLC	SHS	
G4617B 90 5	HORIZON PHARMA PLC	CALL	
G4617B 95 5	HORIZON PHARMA PLC	PUT	
G46408 10 3 *	HUDSON LTD	COM CL A	
G46408 90 3	HUDSON LTD	CALL	
G46408 95 3	HUDSON LTD	PUT	
G4705A 10 0 *	ICON PLC	SHS	
G4705A 90 0	ICON PLC	CALL	
G4705A 95 0	ICON PLC	PUT	
G4740B 10 5 *	ICHOR HOLDINGS	SHS	
G4740B 90 5	ICHOR HOLDINGS	CALL	
G4740B 95 5	ICHOR HOLDINGS	PUT	
G47567 10 5 *	IHS MARKIT LTD	SHS	
G47567 90 5	IHS MARKIT LTD	CALL	
G47567 95 5	IHS MARKIT LTD	PUT	
G47791 10 1 *	INGERSOLL-RAND PLC	SHS	
G47791 90 1	INGERSOLL-RAND PLC	CALL	
G47791 95 1	INGERSOLL-RAND PLC	PUT	
G4863A 10 8 *	INTERNATIONAL GAME TECHNOLOG	SHS USD	
G4863A 90 8	INTERNATIONAL GAME TECHNOLOG	CALL	
G4863A 95 8	INTERNATIONAL GAME TECHNOLOG	PUT	
G48833 10 0 *	WEATHERFORD INTL PLC	ORD SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G48833 90 0	WEATHERFORD INTL PLC	CALL	
G48833 95 0	WEATHERFORD INTL PLC	PUT	
G491BT 10 8 *	INVESCO LTD	SHS	
G491BT 90 8	INVESCO LTD	CALL	
G491BT 95 8	INVESCO LTD	PUT	
G4939K AA 4	IQIYI INC	DEBT 3.750%12/0	ADDED
G5005R 10 7 *	JAMES RIV GROUP LTD	COM	
G5005R 90 7	JAMES RIV GROUP LTD	CALL	
G5005R 95 7	JAMES RIV GROUP LTD	PUT	
G50871 10 5 *	JAZZ PHARMACEUTICALS PLC	SHS USD	
G50871 90 5	JAZZ PHARMACEUTICALS PLC	CALL	
G50871 95 5	JAZZ PHARMACEUTICALS PLC	PUT	
G51385 AA 3	JINKOSOLAR HLDG CO LTD	DEBT 4.000% 2/0	
G51502 10 5 *	JOHNSON CTLS INTL PLC	SHS	
G51502 90 5	JOHNSON CTLS INTL PLC	CALL	
G51502 95 5	JOHNSON CTLS INTL PLC	PUT	
G5269C 10 1	KINIKSA PHARMACEUTICALS LTD	COM CL A	
G5315B 10 7 *	KOSMOS ENERGY LTD	SHS	DELETED
G5315B 90 7	KOSMOS ENERGY LTD	CALL	DELETED
G5315B 95 7	KOSMOS ENERGY LTD	PUT	DELETED
G54050 10 2 *	LAZARD LTD	SHS A	
G54050 90 2	LAZARD LTD	CALL	
G54050 95 2	LAZARD LTD	PUT	
G5463L 10 5	LEO HOLDINGS CORP	COM CL A	
G5463L 11 3	LEO HOLDINGS CORP	*W EXP 02/07/202	
G5463L 12 1	LEO HOLDINGS CORP	UNIT 99/99/9999	
G5478K 10 0	LIANLUO SMART LTD	SHS	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G5494J 10 3 *	LINDE PLC	COM	ADDED
G5494J 90 3	LINDE PLC	CALL	ADDED
G5494J 95 3	LINDE PLC	PUT	ADDED
G5509L 10 1 *	LIVANOVA PLC	SHS	
G5509L 90 1	LIVANOVA PLC	CALL	
G5509L 95 1	LIVANOVA PLC	PUT	
G56372 10 8	LONGEVITY ACQUISITION CORP	UNIT 08/29/2024	
G56372 11 6	LONGEVITY ACQUISITION CORP	*W EXP 07/31/202	ADDED
G56372 12 4	LONGEVITY ACQUISITION CORP	RIGHT 07/31/2020	ADDED
G56372 13 2	LONGEVITY ACQUISITION CORP	ORD SHS	ADDED
G5698W 11 6	LUXFER HOLDINGS PLC	SHS	
G57279 10 4 *	LUXOFT HLDG INC	ORD SHS CL A	
G57279 90 4	LUXOFT HLDG INC	CALL	
G57279 95 4	LUXOFT HLDG INC	PUT	
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	
G5785G 10 7 *	MALLINCKRODT PUB LTD CO	SHS	
G5785G 90 7	MALLINCKRODT PUB LTD CO	CALL	
G5785G 95 7	MALLINCKRODT PUB LTD CO	PUT	
G5876H 10 5 *	MARVELL TECHNOLOGY GROUP LTD	ORD	
G5876H 90 5	MARVELL TECHNOLOGY GROUP LTD	CALL	
G5876H 95 5	MARVELL TECHNOLOGY GROUP LTD	PUT	
G5960L 10 3 *	MEDTRONIC PLC	SHS	
G5960L 90 3	MEDTRONIC PLC	CALL	
G5960L 95 3	MEDTRONIC PLC	PUT	
G59665 10 2	MEIRAGTX HOLDINGS PLC	COM	
G6S41R 10 1	OSMOTICA PHARMACEUTICALS PLC	SHS	ADDED
G60630 10 3 *	MFC BANCORP LTD	USD MFC SHS	
G60630 90 3	MFC BANCORP LTD	CALL	
G60630 95 3	MFC BANCORP LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G60754 10 1 *	MICHAEL KORS HLDGS LTD	SHS	
G60754 90 1	MICHAEL KORS HLDGS LTD	CALL	
G60754 95 1	MICHAEL KORS HLDGS LTD	PUT	
G6095L 10 9 *	APTIV PLC	SHS	
G6095L 90 9	APTIV PLC	CALL	
G6095L 95 9	APTIV PLC	PUT	
G6096M 10 6	APTORUM GROUP LIMITED	CL A ORD SHS	ADDED
G6200P AA 0	MOMO INC	DEBT 1.250% 7/0	
G62848 10 9	MOSAIC ACQUISITION CORP	SHS CL A	DELETED
G62848 11 7	MOSAIC ACQUISITION CORP	UNIT 99/99/9999	DELETED
G62848 12 5	MOSAIC ACQUISITION CORP	*W EXP 10/23/202	DELETED
G6331P 10 4 *	ALPHA & OMEGA SEMICONDUCTOR	SHS	
G6331P 90 4	ALPHA & OMEGA SEMICONDUCTOR	CALL	
G6331P 95 4	ALPHA & OMEGA SEMICONDUCTOR	PUT	
G6333L 10 1	ITERUM THERAPEUTICS PLC	SHS	
G6359F 10 3 *	NABORS INDUSTRIES LTD	SHS	
G6359F 90 3	NABORS INDUSTRIES LTD	CALL	
G6359F 95 3	NABORS INDUSTRIES LTD	PUT	
G6359F 12 9	NABORS INDUSTRIES LTD	6% PFD CNV SR A	
G63637 10 5 *	NABRIVA THERAPEUTICS PLC	SHS	
G63637 90 5	NABRIVA THERAPEUTICS PLC	CALL	
G63637 95 5	NABRIVA THERAPEUTICS PLC	PUT	
G637AM 10 2	MYOVANT SCIENCES LTD	COM	
G6375R 10 7	NATIONAL ENERGY SERVICES REU	SHS	
G6375R 11 5	NATIONAL ENERGY SERVICES REU	*W EXP 05/05/202	
G63907 10 2 *	NAM TAI PPTY INC	SHS	
G63907 90 2	NAM TAI PPTY INC	CALL	
G63907 95 2	NAM TAI PPTY INC	PUT	
G64335 10 5	NEWATER TECHNOLOGY INC	SHS	
G6455X 10 7	NETSHOES CAYMAN LTD	COM	
G6485P 10 8	NEW FRONTIER CORP	COM CL A	
G6485P 11 6	NEW FRONTIER CORP	UNIT 99/99/9999	
G6485P 12 4	NEW FRONTIER CORP	*W EXP 99/99/999	
G6518L 10 8 *	NIELSEN HLDGS PLC	SHS EUR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G6518L 90 8	NIELSEN HLDGS PLC	CALL	
G6518L 95 8	NIELSEN HLDGS PLC	PUT	
G65431 10 1 *	NOBLE CORP PLC	SHS USD	
G65431 90 1	NOBLE CORP PLC	CALL	
G65431 95 1	NOBLE CORP PLC	PUT	
G6564A 10 5 *	NOMAD FOODS LTD	USD ORD SHS	
G6564A 90 5	NOMAD FOODS LTD	CALL	
G6564A 95 5	NOMAD FOODS LTD	PUT	
G65772 10 8 *	NORDIC AMERN OFFSHORE LTD	SHS	
G65772 90 8	NORDIC AMERN OFFSHORE LTD	CALL	
G65772 95 8	NORDIC AMERN OFFSHORE LTD	PUT	
G65773 10 6 *	NORDIC AMERICAN TANKERS LIM	COM	
G65773 90 6	NORDIC AMERICAN TANKERS LIM	CALL	
G65773 95 6	NORDIC AMERICAN TANKERS LIM	PUT	
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	
G6674U 90 8	NOVOCURE LTD	CALL	
G6674U 95 8	NOVOCURE LTD	PUT	
G66964 11 8 *	OCEAN RIG UDW INC	COM CL A	DELETED
G66964 90 8	OCEAN RIG UDW INC	CALL	DELETED
G66964 95 8	OCEAN RIG UDW INC	PUT	DELETED
G6700G 10 7 *	NVENT ELECTRIC PLC	SHS	
G6700G 90 7	NVENT ELECTRIC PLC	CALL	
G6700G 95 7	NVENT ELECTRIC PLC	PUT	
G6772P 10 0	ONE MADISON CORP	COM CL A	
G6772P 11 8	ONE MADISON CORP	UNIT 99/99/9999	
G6772P 12 6	ONE MADISON CORP	*W EXP 99/99/999	
G67828 20 5 *	ORIGIN AGRITECH LIMITED	SHS NEW	
G67828 90 5	ORIGIN AGRITECH LIMITED	CALL	
G67828 95 5	ORIGIN AGRITECH LIMITED	PUT	
G6855A 10 3	OXFORD IMMUNOTEC GLOBAL PLC	ORD SHS	
G6856M 10 6	OXBRIDGE RE HLDGS LTD	SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G6856M 11 4	OXBRIDGE RE HLDGS LTD	*W EXP 03/26/201	
G68707 10 1 *	PAGSEGURO DIGITAL LTD	COM CL A	
G68707 90 1	PAGSEGURO DIGITAL LTD	CALL	
G68707 95 1	PAGSEGURO DIGITAL LTD	PUT	
G6891L 10 5	PANGAEA LOGISTICS SOLUTION L	SHS	
G7S00T 10 4 *	PENTAIR PLC	SHS	
G7S00T 90 4	PENTAIR PLC	CALL	
G7S00T 95 4	PENTAIR PLC	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	
G7114V 10 2	PINGTAN MARINE ENTERPRISE LT	SHS	
G7126L 10 0	PLATINUM EAGLE ACQUISITIN CO	SHS CL A	
G7126L 11 8	PLATINUM EAGLE ACQUISITIN CO	*W EXP 01/17/202	
G7126L 12 6	PLATINUM EAGLE ACQUISITIN CO	UNIT 01/09/2023	
G7234P 10 0	PRESBIA PLC	SHS	
G72800 10 8 *	PROTHENA CORP PLC	SHS	
G72800 90 8	PROTHENA CORP PLC	CALL	
G72800 95 8	PROTHENA CORP PLC	PUT	
G7306H 10 1	PUHUI WEALTH INVT MGMT CO LT	SHS	ADDED
G73268 10 7 *	QUOTIENT LTD	SHS	
G73268 90 7	QUOTIENT LTD	CALL	
G73268 95 7	QUOTIENT LTD	PUT	
G7415M 10 8	RECON TECHNOLOGY LTD	SHS	
G7457R 10 6	REEBONZ HLDG LTD	ORD SHS	ADDED
G7457R 11 4	REEBONZ HLDG LTD	*W EXP 12/19/202	ADDED
G74760 10 2	REGALWOOD GLOBAL ENERGY LTD	COM CL A	
G74760 11 0	REGALWOOD GLOBAL ENERGY LTD	UNIT 99/99/9999	
G74760 12 8	REGALWOOD GLOBAL ENERGY LTD	*W EXP 12/05/202	
G7496G 10 3 *	RENAISSANCERE HOLDINGS LTD	COM	
G7496G 90 3	RENAISSANCERE HOLDINGS LTD	CALL	
G7496G 95 3	RENAISSANCERE HOLDINGS LTD	PUT	
G7500A 10 0	RENMIN TIANLI GROUP INC	SHS	
G75271 10 9	RETO ECO SOLUTIONS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G7665A 10 1 *	ROWAN COMPANIES PLC	SHS CL A	
G7665A 90 1	ROWAN COMPANIES PLC	CALL	
G7665A 95 1	ROWAN COMPANIES PLC	PUT	
G7945M 10 7 *	SEAGATE TECHNOLOGY PLC	SHS	
G7945M 90 7	SEAGATE TECHNOLOGY PLC	CALL	
G7945M 95 7	SEAGATE TECHNOLOGY PLC	PUT	
G7948T AA 7	SEA LTD	DEBT 2.250% 7/0	
G7998G 10 6 *	SEADRILL LTD	COM	
G7998G 90 6	SEADRILL LTD	CALL	
G7998G 95 6	SEADRILL LTD	PUT	
G8060N 10 2 *	SENSATA TECHNOLOGIES HLDNG P	SHS	
G8060N 90 2	SENSATA TECHNOLOGIES HLDNG P	CALL	
G8060N 95 2	SENSATA TECHNOLOGIES HLDNG P	PUT	
G8062D 10 2	SENTINEL ENERGY SVCS INC	COM CL A	DELETED
G8062D 11 0	SENTINEL ENERGY SVCS INC	*W EXP 11/02/202	DELETED
G8062D 12 8	SENTINEL ENERGY SVCS INC	UNIT 11/02/2022	DELETED
G80751 12 9	SGOCO GROUP LTD	SHS NEW	
G81075 AF 3	SHIP FINANCE INTERNATIONAL L	NOTE 5.750%10/1	
G81075 10 6 *	SHIP FINANCE INTERNATIONAL L	SHS	
G81075 90 6	SHIP FINANCE INTERNATIONAL L	CALL	
G81075 95 6	SHIP FINANCE INTERNATIONAL L	PUT	
G81276 10 0 *	SIGNET JEWELERS LIMITED	SHS	
G81276 90 0	SIGNET JEWELERS LIMITED	CALL	
G81276 95 0	SIGNET JEWELERS LIMITED	PUT	
G81477 10 4 *	SINA CORP	ORD	
G81477 90 4	SINA CORP	CALL	
G81477 95 4	SINA CORP	PUT	
G8196D 10 1	SIRIUS INTERNATIONAL INSURAN	COM	ADDED
G8232Y 10 1 *	SMART GLOBAL HLDGS INC	SHS	
G8232Y 90 1	SMART GLOBAL HLDGS INC	CALL	
G8232Y 95 1	SMART GLOBAL HLDGS INC	PUT	
G8250R 10 3	SOCIAL CAP HEDOSOPHIA HLDGS	CL A	
G8250R 11 1	SOCIAL CAP HEDOSOPHIA HLDGS	UNIT 99/99/9999	
G8250R 12 9	SOCIAL CAP HEDOSOPHIA HLDGS	*W EXP 09/14/202	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G8406F 10 2	SSLJ COM LIMITED	SHS CL A	
G84720 10 4 *	STERIS PLC	SHS USD	
G84720 90 4	STERIS PLC	CALL	
G84720 95 4	STERIS PLC	PUT	
G8477B 10 5	DELTA TECHNOLOGY HLDGS LTD	USD ORD SHS	
G85158 10 6	STONECO LTD	COM CL A	ADDED
G85347 10 5 *	STRONGBRIDGE BIOPHARMA PLC	SHS USD	
G85347 90 5	STRONGBRIDGE BIOPHARMA PLC	CALL	
G85347 95 5	STRONGBRIDGE BIOPHARMA PLC	PUT	
G8651P 11 0	SPI ENERGY CO LTD	SHS NEW	ADDED
G8651P 20 1	SPI ENERGY CO LTD	SHS	DELETED
G8675V 10 1 *	TAOPING INC	COM	
G8675V 90 1	TAOPING INC	CALL	
G8675V 95 1	TAOPING INC	PUT	
G8675X 10 7	TANTECH HLDGS LTD	COM	
G8708A 10 8	TENZING ACQUISITION CORP	*W EXP 02/23/202	ADDED
G8708A 11 6	TENZING ACQUISITION CORP	ORD SHS	ADDED
G8708A 12 4	TENZING ACQUISITION CORP	UNIT 08/24/2024	
G87084 10 2	TDH HLDGS INC	SHS	
G87110 10 5 *	TECHNIPFMC PLC	COM	
G87110 90 5	TECHNIPFMC PLC	CALL	
G87110 95 5	TECHNIPFMC PLC	PUT	
G87264 10 0	TECNOGLASS INC	SHS	
G8766E 10 9 *	TEXTAINER GROUP HOLDINGS LTD	SHS	
G8766E 90 9	TEXTAINER GROUP HOLDINGS LTD	CALL	
G8766E 95 9	TEXTAINER GROUP HOLDINGS LTD	PUT	
G8789K 12 4	ABILITY INC	SHS	
G8807B 10 6 *	THERAVANCE BIOPHARMA INC	COM	
G8807B 90 6	THERAVANCE BIOPHARMA INC	CALL	
G8807B 95 6	THERAVANCE BIOPHARMA INC	PUT	
G8827U 10 0 *	THIRD PT REINS LTD	COM	
G8827U 90 0	THIRD PT REINS LTD	CALL	
G8827U 95 0	THIRD PT REINS LTD	PUT	
G8857R 10 0	THUNDER BRIDGE ACQUISITION L	SHS CLASS A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G8857R 11 8	THUNDER BRIDGE ACQUISITION L	UNIT 01/01/2025	
G8857R 12 6	THUNDER BRIDGE ACQUISITION L	*W EXP 01/01/202	
G88950 10 3	TKK SYMPHONY ACQUISITION COR	ORD SHS	
G88950 11 1	TKK SYMPHONY ACQUISITION COR	UNIT 08/15/2023	
G88950 12 9	TKK SYMPHONY ACQUISITION COR	*W EXP 02/20/202	
G88950 13 7	TKK SYMPHONY ACQUISITION COR	RIGHT 02/20/2020	
G89479 10 2	TORM PLC	SHS CL A	
G8959N 10 6	TOTTENHAM ACQUISITION I LTD	SHS	
G8959N 11 4	TOTTENHAM ACQUISITION I LTD	*W EXP 05/06/202	
G8959N 12 2	TOTTENHAM ACQUISITION I LTD	RIGHT 06/05/2020	
G8959N 13 0	TOTTENHAM ACQUISITION I LTD	UNIT 05/06/2025	
G89827 10 2	TPG PACE HLDGS CORP	UNIT 99/99/9999	
G89827 11 0	TPG PACE HLDGS CORP	*W EXP 06/27/202	
G89827 12 8	TPG PACE HLDGS CORP	CL A	
G89982 11 3 *	TRANSATLANTIC PETROLEUM LTD	SHS NEW	
G89982 90 3	TRANSATLANTIC PETROLEUM LTD	CALL	
G89982 95 3	TRANSATLANTIC PETROLEUM LTD	PUT	
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	
G90073 AC 4	TRANSOCEAN INC	DEBT 0.500% 1/3	
G9019D 10 4 *	TRAVELPORT WORLDWIDE LTD	SHS	
G9019D 90 4	TRAVELPORT WORLDWIDE LTD	CALL	
G9019D 95 4	TRAVELPORT WORLDWIDE LTD	PUT	
G9078F 10 7 *	TRITON INTL LTD	CL A	
G9078F 90 7	TRITON INTL LTD	CALL	
G9078F 95 7	TRITON INTL LTD	PUT	
G9108L 10 8 *	TSAKOS ENERGY NAVIGATION LTD	SHS	
G9108L 90 8	TSAKOS ENERGY NAVIGATION LTD	CALL	
G9108L 95 8	TSAKOS ENERGY NAVIGATION LTD	PUT	
G9145A 10 7	TWELVE SEAS INVESTMENT COMPA	SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G9145A 11 5	TWELVE SEAS INVESTMENT COMPA	*W EXP 12/22/202	
G9145A 12 3	TWELVE SEAS INVESTMENT COMPA	UNIT 06/21/2023	
G9145A 13 1	TWELVE SEAS INVESTMENT COMPA	RIGHT 12/22/2019	
G9310A 11 4 *	UTSTARCOM HOLDINGS CORP	SHS NEW	
G9310A 90 4	UTSTARCOM HOLDINGS CORP	CALL	
G9310A 95 4	UTSTARCOM HOLDINGS CORP	PUT	
G9329Z 10 0 *	VENATOR MATLS PLC	SHS	
G9329Z 90 0	VENATOR MATLS PLC	CALL	
G9329Z 95 0	VENATOR MATLS PLC	PUT	
G9366W 10 1	UNION ACQUISITION CORP	SHS	
G9366W 11 9	UNION ACQUISITION CORP	UNIT 99/99/9999	
G9366W 12 7	UNION ACQUISITION CORP	*W EXP 07/01/202	
G9366W 13 5	UNION ACQUISITION CORP	RIGHT 12/02/2019	
G9376R 10 0	VIVOPOWER INTERNATIONAL PLC	SHS	
G9381B 10 8	UROVANT SCIENCES LTD	SHS	
G9456A 10 0 *	GOLAR LNG LTD BERMUDA	SHS	
G9456A 90 0	GOLAR LNG LTD BERMUDA	CALL	
G9456A 95 0	GOLAR LNG LTD BERMUDA	PUT	
G9515T AA 6	WEIBO CORP	DEBT 1.250%11/1	
G9618E 10 7	WHITE MTNS INS GROUP LTD	COM	
G96629 10 3 *	WILLIS TOWERS WATSON PUB LTD	SHS	
G96629 90 3	WILLIS TOWERS WATSON PUB LTD	CALL	
G96629 95 3	WILLIS TOWERS WATSON PUB LTD	PUT	
G97223 10 4	WINS FIN HLDGS INC	ORD SHS	
G97822 10 3 *	PERRIGO CO PLC	SHS	
G97822 90 3	PERRIGO CO PLC	CALL	
G97822 95 3	PERRIGO CO PLC	PUT	
G98338 10 9	YATRA ONLINE INC	ORD SHS	
G98847 20 8	YULONG ECO MATLS LTD	SHS	DELETED
G9892K 10 0	ZK INTL GROUP CO LTD	SHS	
H00263 10 5	AC IMMUNE SA	SHS	
H0381L 10 4	AURIS MED HLDG AG	COM	
H1467J 10 4 *	CHUBB LIMITED	COM	
H1467J 90 4	CHUBB LIMITED	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
H5861P 10 3	OBSEVA SA	COM	
H84989 10 4 *	TE CONNECTIVITY LTD	REG 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	
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	
L0175J 90 4	ALTISOURCE PORTFOLIO SOLNS S	CALL	
L0175J 95 4	ALTISOURCE PORTFOLIO SOLNS S	PUT	
L0223L 10 1 *	ARDAGH GROUP S A	CL A	
L0223L 90 1	ARDAGH GROUP S A	CALL	
L0223L 95 1	ARDAGH GROUP S A	PUT	
L0427L 10 5	ATENTO S A	SHS	
L1995B 10 7	CORPORACION AMER ARPTS S A	COM	
L44385 10 9 *	GLOBANT S A	COM	
L44385 90 9	GLOBANT S A	CALL	
L44385 95 9	GLOBANT S A	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
L5140P 10 1 *	INTELSAT S A	COM	
L5140P 90 1	INTELSAT S A	CALL	
L5140P 95 1	INTELSAT S A	PUT	
L67359 10 6	NEXA RES S A	COM	
L7257P 20 5	PACIFIC DRILLING SA LUXEMBOU	COM	ADDED
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	
L8681T 10 2 *	SPOTIFY TECHNOLOGY S A	SHS	
L8681T 90 2	SPOTIFY TECHNOLOGY S A	CALL	
L8681T 95 2	SPOTIFY TECHNOLOGY S A	PUT	
L9340P 10 1 *	TRINSEO S A	SHS	
L9340P 90 1	TRINSEO S A	CALL	
L9340P 95 1	TRINSEO S A	PUT	
M0854Q 10 5 *	ALLOT COMMUNICATIONS LTD	SHS	
M0854Q 90 5	ALLOT COMMUNICATIONS LTD	CALL	
M0854Q 95 5	ALLOT COMMUNICATIONS LTD	PUT	
M1492T 10 5 *	ARCTURUS THERAPEUTICS LTD	SHS	
M1492T 90 5	ARCTURUS THERAPEUTICS LTD	CALL	
M1492T 95 5	ARCTURUS THERAPEUTICS LTD	PUT	
M15332 12 1 *	ATTUNITY LTD	SHS NEW	
M15332 90 1	ATTUNITY LTD	CALL	
M15332 95 1	ATTUNITY LTD	PUT	
M15342 10 4 *	AUDIOCODES LTD	ORD	
M15342 90 4	AUDIOCODES LTD	CALL	
M15342 95 4	AUDIOCODES LTD	PUT	
M15629 10 4	B COMMUNICATIONS LTD	SHS	
M20115 18 0	BOS BETTER ONLINE SOLUTIONS	SHS NEW NIS 80	
M20156 11 9	BIOBLAST PHARMA LTD	SHS NEW	
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	
M20791 90 5	CAMTEK LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M20791 95 5	CAMTEK LTD	PUT	
M2196U 10 9 *	CELLCOM ISRAEL LTD	SHS	
M2196U 90 9	CELLCOM ISRAEL LTD	CALL	
M2196U 95 9	CELLCOM ISRAEL LTD	PUT	
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 12 0	CHECK CAP LTD	*W EXP 02/28/202	
M2361E 16 1	CHECK CAP LTD	*W EXP 05/03/202	
M2361E 20 3	CHECK CAP LTD	SHS	
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 10 8 *	CYREN LTD	SHS	
M26895 90 8	CYREN LTD	CALL	
M26895 95 8	CYREN LTD	PUT	
M3760D 10 1 *	ELBIT SYS LTD	ORD	
M3760D 90 1	ELBIT SYS LTD	CALL	
M3760D 95 1	ELBIT SYS LTD	PUT	
M37605 12 4	ELBIT IMAGING LTD	SHS	
M39927 12 0	ELLOMAY CAPITAL LIMITED	SHS	
M40184 20 8	ELTEK LTD	SHS	
M40527 10 9	ENTERA BIO LTD	SHS	
M40527 11 7	ENTERA BIO LTD	*W EXP 06/27/202	
M4119S 10 4	EVOGENE LTD	SHS	
M46135 10 5 *	FOAMIX PHARMACEUTICALS LTD	SHS	
M46135 90 5	FOAMIX PHARMACEUTICALS LTD	CALL	
M46135 95 5	FOAMIX PHARMACEUTICALS LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	ADDED
M4793C 10 2 *	GAZIT GLOBE LTD	SHS	
M4793C 90 2	GAZIT GLOBE LTD	CALL	
M4793C 95 2	GAZIT GLOBE LTD	PUT	
M51363 11 3 *	MELLANOX TECHNOLOGIES LTD	SHS	
M51363 90 3	MELLANOX TECHNOLOGIES LTD	CALL	
M51363 95 3	MELLANOX TECHNOLOGIES LTD	PUT	
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	
M52523 10 3	G WILLI FOOD INTL LTD	ORD	
M53644 10 6 *	INTEC PHARMA LTD JERUSALEM	SHS	
M53644 90 6	INTEC PHARMA LTD JERUSALEM	CALL	
M53644 95 6	INTEC PHARMA LTD JERUSALEM	PUT	
M56595 10 7	INTERNET GOLD-GOLDEN LINES L	ORD	
M5920A 10 9 *	ISRAEL CHEMICALS LTD	SHS	
M5920A 90 9	ISRAEL CHEMICALS LTD	CALL	
M5920A 95 9	ISRAEL CHEMICALS LTD	PUT	
M6158M 10 4	ITURAN LOCATION AND CONTROL	SHS	
M6240T 10 9	KAMADA LTD	SHS	
M6372Q 11 3 *	KORNIT DIGITAL LTD	SHS	
M6372Q 90 3	KORNIT DIGITAL LTD	CALL	
M6372Q 95 3	KORNIT DIGITAL LTD	PUT	
M6786D 10 4 *	MAGAL SECURITY SYS LTD	ORD	
M6786D 90 4	MAGAL SECURITY SYS LTD	CALL	
M6786D 95 4	MAGAL SECURITY SYS LTD	PUT	
M6787E 10 1 *	MAGICJACK VOCALTEC LTD	SHS	DELETED
M6787E 90 1	MAGICJACK VOCALTEC LTD	CALL	DELETED
M6787E 95 1	MAGICJACK VOCALTEC LTD	PUT	DELETED
M68830 10 4 *	MEDIWOUND LTD	ORD SHS	
M68830 90 4	MEDIWOUND LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M68830 95 4	MEDIWOUND LTD	PUT	
M69676 20 9	MER TELEMAGEMENT SOLUTIONS	SHS	
M70240 10 2	MIND C T I LTD	ORD	
M7516K 10 3 *	NOVA MEASURING INSTRUMENTS L	COM	
M7516K 90 3	NOVA MEASURING INSTRUMENTS L	CALL	
M7516K 95 3	NOVA MEASURING INSTRUMENTS L	PUT	
M7524R 11 6	OPTIBASE LTD	SHS NEW NIS0.13	
M75253 10 0 *	ORBOTECH LTD	ORD	
M75253 90 0	ORBOTECH LTD	CALL	
M75253 95 0	ORBOTECH LTD	PUT	
M78673 11 4 *	PERION NETWORK LTD	SHS NEW	
M78673 90 4	PERION NETWORK LTD	CALL	
M78673 95 4	PERION NETWORK LTD	PUT	
M7946T 10 4	POINTER TELOCATION LTD	SHS	
M81863 12 4 *	RADA ELECTR INDS LTD	COM PAR NEW	
M81863 90 4	RADA ELECTR INDS LTD	CALL	
M81863 95 4	RADA ELECTR INDS LTD	PUT	
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 10 1	REWALK ROBOTICS LTD	SHS	
M84116 10 8 *	SILICOM LTD	ORD	
M84116 90 8	SILICOM LTD	CALL	
M84116 95 8	SILICOM 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	
M87095 11 9	SUPERCOM LTD NEW	SHS NEW	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M87896 10 2	TOP IMAGE SYSTEMS LTD	ORD	
M8791A 10 9 *	ON TRACK INNOVATION LTD	SHS	
M8791A 90 9	ON TRACK INNOVATION LTD	CALL	
M8791A 95 9	ON TRACK INNOVATION LTD	PUT	
M87915 27 4 *	TOWER SEMICONDUCTOR LTD	SHS NEW	
M87915 90 4	TOWER SEMICONDUCTOR LTD	CALL	
M87915 95 4	TOWER SEMICONDUCTOR LTD	PUT	
M9068E 10 5 *	SODASTREAM INTERNATIONAL LTD	USD SHS	DELETED
M9068E 90 5	SODASTREAM INTERNATIONAL LTD	CALL	DELETED
M9068E 95 5	SODASTREAM INTERNATIONAL LTD	PUT	DELETED
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	
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	
N14506 10 4 *	ELASTIC N V	ORD SHS	ADDED
N14506 90 4	ELASTIC N V	CALL	ADDED
N14506 95 4	ELASTIC N V	PUT	ADDED
N20146 10 1 *	CIMPRESS N V	SHS EURO	
N20146 90 1	CIMPRESS N V	CALL	
N20146 95 1	CIMPRESS N V	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
N20944 10 9 *	CNH INDL N V	SHS	
N20944 90 9	CNH INDL N V	CALL	
N20944 95 9	CNH INDL N V	PUT	
N22035 10 4 *	CONSTELLIUM NV	CL A	
N22035 90 4	CONSTELLIUM NV	CALL	
N22035 95 4	CONSTELLIUM NV	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	
N3167Y 10 3 *	FERRARI N V	COM	
N3167Y 90 3	FERRARI N V	CALL	
N3167Y 95 3	FERRARI N V	PUT	
N31738 10 2 *	FIAT CHRYSLER AUTOMOBILES N	SHS	
N31738 90 2	FIAT CHRYSLER AUTOMOBILES N	CALL	
N31738 95 2	FIAT CHRYSLER AUTOMOBILES N	PUT	
N33462 10 7 *	FRANKS INTL N V	COM	
N33462 90 7	FRANKS INTL N V	CALL	
N33462 95 7	FRANKS INTL N V	PUT	
N44821 10 1	INFLARX NV	COM	
N47279 10 9 *	INTERXION HOLDING N.V	SHS	
N47279 90 9	INTERXION HOLDING N.V	CALL	
N47279 95 9	INTERXION HOLDING N.V	PUT	
N53745 10 0 *	LYONDELLBASELL INDUSTRIES N	SHS - A -	
N53745 90 0	LYONDELLBASELL INDUSTRIES N	CALL	
N53745 95 0	LYONDELLBASELL INDUSTRIES N	PUT	
N5749R 10 0	MERUS N V	COM	
N59465 10 9 *	MYLAN N V	SHS EURO	
N59465 90 9	MYLAN N V	CALL	
N59465 95 9	MYLAN N V	PUT	
N6596X 10 9 *	NXP SEMICONDUCTORS N V	COM	
N6596X 90 9	NXP SEMICONDUCTORS N V	CALL	
N6596X 95 9	NXP SEMICONDUCTORS N V	PUT	
N70544 10 6	PLAYA HOTELS & RESORTS NV	SHS	
N71542 10 9 *	PROQR THRAPEUTICS N V	SHS EURO	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
N71542 90 9	PROQR THRAPEUTICS N V	CALL	
N71542 95 9	PROQR THRAPEUTICS N V	PUT	
N72482 AA 5	QIAGEN NV	DEBT 0.375% 3/1	
N72482 AB 3	QIAGEN NV	DEBT 0.875% 3/1	ADDED
N72482 AT 4	QIAGEN NV	DEBT 1.000%11/1	ADDED
N72482 12 3 *	QIAGEN NV	SHS NEW	
N72482 90 3	QIAGEN NV	CALL	
N72482 95 3	QIAGEN NV	PUT	
N90064 10 1 *	UNIQUIRE NV	SHS	
N90064 90 1	UNIQUIRE NV	CALL	
N90064 95 1	UNIQUIRE NV	PUT	
N96617 11 8 *	WRIGHT MED GROUP N V	ORD SHS 0.03 PAR	
N96617 90 8	WRIGHT MED GROUP N V	CALL	
N96617 95 8	WRIGHT MED GROUP N V	PUT	
N96617 12 6	WRIGHT MED GROUP N V	RIGHT 03/01/2019	
N97284 10 8 *	YANDEX N V	SHS CLASS A	
N97284 90 8	YANDEX N V	CALL	
N97284 95 8	YANDEX N V	PUT	
P31076 10 5 *	COPA HOLDINGS SA	CL A	
P31076 90 5	COPA HOLDINGS SA	CALL	
P31076 95 5	COPA HOLDINGS SA	PUT	
P73398 10 2 *	NYMOX PHARMACEUTICAL CORP	COM	
P73398 90 2	NYMOX PHARMACEUTICAL CORP	CALL	
P73398 95 2	NYMOX PHARMACEUTICAL CORP	PUT	
P8696W 10 4 *	SINOVAC BIOTECH LTD	SHS	
P8696W 90 4	SINOVAC BIOTECH LTD	CALL	
P8696W 95 4	SINOVAC BIOTECH LTD	PUT	
Q4867H 22 3	IMMURON LTD	*W EXP 05/12/202	
Q49376 10 8	INTEGRATED MEDIA TECHNOLOGY L	SHS	
Q6519T 10 9	NAKED BRAND GROUP LIMITED	ORD SHS	
Q9235V 10 1 *	TRONOX LTD	SHS CL A	
Q9235V 90 1	TRONOX LTD	CALL	
Q9235V 95 1	TRONOX LTD	PUT	
U03002 AA 7	AMERICAN RESIDENTIAL PROP	DEBT 3.250%11/1	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
U16344 AB 6	CHENIERE ENERGY INC	DEBT 4.875% 5/2	
U8961E AA 4	TILRAY INC	DEBT 5.000%10/0	ADDED
V0393H 10 3	AZURE PWR GLOBAL LTD	SHS	
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 CRUISES LTD	COM	
V7780T 90 3	ROYAL CARIBBEAN CRUISES LTD	CALL	
V7780T 95 3	ROYAL CARIBBEAN CRUISES LTD	PUT	
Y0017S 10 2 *	AEGEAN MARINE PETROLEUM NETW	SHS	DELETED
Y0017S 90 2	AEGEAN MARINE PETROLEUM NETW	CALL	DELETED
Y0017S 95 2	AEGEAN MARINE PETROLEUM NETW	PUT	DELETED
Y0207T 10 0 *	ARDMORE SHIPPING CORP	COM	
Y0207T 90 0	ARDMORE SHIPPING CORP	CALL	
Y0207T 95 0	ARDMORE SHIPPING CORP	PUT	
Y11082 10 7 *	CAPITAL PRODUCT PARTNERS L P	COM UNIT LP	
Y11082 90 7	CAPITAL PRODUCT PARTNERS L P	CALL	
Y11082 95 7	CAPITAL PRODUCT PARTNERS L P	PUT	
Y1771G 10 2 *	COSTAMARE INC	SHS	
Y1771G 90 2	COSTAMARE INC	CALL	
Y1771G 95 2	COSTAMARE INC	PUT	
Y1968P 10 5	DANAOS CORPORATION	SHS	
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	
Y2069P 50 7	DIANA CONTAINERSHIPS INC	SHS PAR	
Y2106R 11 0 *	DORIAN LPG LTD	SHS USD	
Y2106R 90 0	DORIAN LPG LTD	CALL	
Y2106R 95 0	DORIAN LPG LTD	PUT	
Y2109Q 70 5 *	DRYSHIPS INC	COM PAR NEW	
Y2109Q 90 5	DRYSHIPS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
Y2109Q 95 5	DRYSHIPS INC	PUT	
Y2187A 14 3 *	EAGLE BULK SHIPPING INC	SHS NEW	
Y2187A 90 3	EAGLE BULK SHIPPING INC	CALL	
Y2187A 95 3	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	
Y23508 10 7	EURODRY LTD	COM	
Y23592 30 9 *	EUROSEAS LTD	SHS NEW	
Y23592 90 9	EUROSEAS LTD	CALL	
Y23592 95 9	EUROSEAS LTD	PUT	
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	
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	
Y2711Y 90 2	GIGAMEDIA LTD	CALL	
Y2711Y 95 2	GIGAMEDIA LTD	PUT	
Y27183 10 5 *	GLOBAL SHIP LEASE INC NEW	SHS A	
Y27183 90 5	GLOBAL SHIP LEASE INC NEW	CALL	
Y27183 95 5	GLOBAL SHIP LEASE INC NEW	PUT	
Y27265 30 8	GLOBUS MARITIME LIMITED NEW	SHS NEW	DELETED
Y27265 40 7	GLOBUS MARITIME LIMITED NEW	COM	ADDED
Y2745C 10 2 *	GOLAR LNG PARTNERS LP	COM UNIT LPI	
Y2745C 90 2	GOLAR LNG PARTNERS LP	CALL	
Y2745C 95 2	GOLAR LNG PARTNERS LP	PUT	
Y28895 10 3	GRINDROD SHIPPING HOLDINGS L	SHS	
Y3262R 10 0 *	HOEGH LNG PARTNERS LP	COM UNIT LTD	
Y3262R 90 0	HOEGH LNG PARTNERS LP	CALL	
Y3262R 95 0	HOEGH LNG PARTNERS LP	PUT	
Y37828 10 3	HUNTER MARITIME ACQUISITION	UNIT 99/99/9999	

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Y37828 11 1	HUNTER MARITIME ACQUISITION	CL A	
Y37828 12 9	HUNTER MARITIME ACQUISITION	*W EXP 11/17/202	
Y41053 10 2	INTERNATIONAL SEAWAYS INC	COM	
Y46002 20 3	KBS FASHION GROUP LTD	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	
Y62132 10 8 *	NAVIGATOR HOLDINGS LTD	SHS	
Y62132 90 8	NAVIGATOR HOLDINGS LTD	CALL	
Y62132 95 8	NAVIGATOR HOLDINGS LTD	PUT	
Y62134 10 4 *	NAVIOS MARITIME MIDSTREAM LP	COM UNIT LTD	DELETED
Y62134 90 4	NAVIOS MARITIME MIDSTREAM LP	CALL	DELETED
Y62134 95 4	NAVIOS MARITIME MIDSTREAM LP	PUT	DELETED
Y62151 10 8	NAVIOS MARITIME CONTAINERS L	COM UNIT RP LP	ADDED
Y62159 10 1	NAVIOS MARITIME ACQUIS CORP	SHS	DELETED
Y62159 14 3 *	NAVIOS MARITIME ACQUIS CORP	SHS	ADDED
Y62159 90 3	NAVIOS MARITIME ACQUIS CORP	CALL	ADDED
Y62159 95 3	NAVIOS MARITIME ACQUIS CORP	PUT	ADDED
Y62196 10 3 *	NAVIOS MARITIME HOLDINGS INC	COM	
Y62196 90 3	NAVIOS MARITIME HOLDINGS INC	CALL	
Y62196 95 3	NAVIOS MARITIME HOLDINGS INC	PUT	
Y62267 10 2 *	NAVIOS MARITIME PARTNERS L P	UNIT LPI	
Y62267 90 2	NAVIOS MARITIME PARTNERS L P	CALL	
Y62267 95 2	NAVIOS MARITIME PARTNERS L P	PUT	
Y71726 10 6	PYXIS TANKERS INC	COM	
Y73760 13 7	SEANERGY MARITIME HLDGS CORP	SHS NEW	
Y73760 14 5	SEANERGY MARITIME HLDGS CORP	*W EXP 11/10/202	
Y7388L 10 3 *	SAFE BULKERS INC	COM	
Y7388L 90 3	SAFE BULKERS INC	CALL	
Y7388L 95 3	SAFE BULKERS INC	PUT	
Y7542C 10 6 *	SCORPIO TANKERS INC	SHS	
Y7542C 90 6	SCORPIO TANKERS INC	CALL	
Y7542C 95 6	SCORPIO TANKERS INC	PUT	

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Y7545W 10 9 *	SEADRILL PARTNERS LLC	COMUNIT REP LB	
Y7545W 90 9	SEADRILL PARTNERS LLC	CALL	
Y7545W 95 9	SEADRILL PARTNERS LLC	PUT	
Y7546A 12 2 *	SCORPIO BULKERS INC	COM	
Y7546A 90 2	SCORPIO BULKERS INC	CALL	
Y7546A 95 2	SCORPIO BULKERS INC	PUT	
Y75638 10 9 *	SEASPAN CORP	SHS	
Y75638 90 9	SEASPAN CORP	CALL	
Y75638 95 9	SEASPAN CORP	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	
Y8172W 10 7	STELLAR ACQUISITION III INC	COM	DELETED
Y8172W 11 5	STELLAR ACQUISITION III INC	*W EXP 03/22/202	DELETED
Y8172W 12 3	STELLAR ACQUISITION III INC	UNIT 03/22/2022	DELETED
Y8564M 10 5 *	TEEKAY LNG PARTNERS L P	PRTNRSP UNITS	
Y8564M 90 5	TEEKAY LNG PARTNERS L P	CALL	
Y8564M 95 5	TEEKAY LNG PARTNERS L P	PUT	
Y8564W 10 3 *	TEEKAY CORPORATION	COM	
Y8564W 90 3	TEEKAY CORPORATION	CALL	
Y8564W 95 3	TEEKAY CORPORATION	PUT	
Y8565J 10 1 *	TEEKAY OFFSHORE PARTNERS L P	PARTNERSHIP UN	
Y8565J 90 1	TEEKAY OFFSHORE PARTNERS L P	CALL	
Y8565J 95 1	TEEKAY OFFSHORE PARTNERS L P	PUT	
Y8565N 10 2 *	TEEKAY TANKERS LTD	CL A	
Y8565N 90 2	TEEKAY TANKERS LTD	CALL	
Y8565N 95 2	TEEKAY TANKERS LTD	PUT	
Y8897Y 80 0	TOP SHIPS INC	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
000307 10 8 *	AAC HLDGS INC	COM	
000307 90 8	AAC HLDGS INC	CALL	
000307 95 8	AAC HLDGS 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	
00081T 10 8 *	ACCO BRANDS CORP	COM	
00081T 90 8	ACCO BRANDS CORP	CALL	
00081T 95 8	ACCO BRANDS CORP	PUT	
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	COM	
00090Q 90 3	ADT INC	CALL	
00090Q 95 3	ADT 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 RESEARCH INC	COM CL A	
001084 10 2 *	AGCO CORP	COM	
001084 90 2	AGCO CORP	CALL	
001084 95 2	AGCO CORP	PUT	
001228 10 5 *	AG MTG INVT TR INC	COM	
001228 90 5	AG MTG INVT TR INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
001228 95 5	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	
001282 10 2 *	A H BELO CORP	COM CL A	
001282 90 2	A H BELO CORP	CALL	
001282 95 2	A H BELO CORP	PUT	
00130H 10 5 *	AES CORP	COM	
00130H 90 5	AES CORP	CALL	
00130H 95 5	AES CORP	PUT	
001546 AP 5	AK STL CORP	NOTE 5.000%11/1	
001547 10 8 *	AK STL HLDG CORP	COM	
001547 90 8	AK STL HLDG CORP	CALL	
001547 95 8	AK STL HLDG CORP	PUT	
00162Q 10 6	ALPS ETF TR	C&S GLOBL ETF	
00162Q 20 5	ALPS ETF TR	EQUAL SEC ETF	
00162Q 46 0	ALPS ETF TR	CLEAN ENERGY	
00162Q 47 8	ALPS ETF TR	DISRUPTIVE TECH	
00162Q 48 6	ALPS ETF TR	ALPS DORESEY	DELETED
00162Q 49 4	ALPS ETF TR	BUZZ US SMT LDR	
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 54 4	ALPS ETF TR	RIVERFRONT UNC	
00162Q 58 5	ALPS ETF TR	SPROTT JR GLD	
00162Q 59 3 *	ALPS ETF TR	MED BREAKTHGH	
00162Q 90 3	ALPS ETF TR	CALL	
00162Q 95 3	ALPS ETF TR	PUT	
00162Q 64 3	ALPS ETF TR	SPROTT GL MINE	
00162Q 65 0	ALPS ETF TR	WRKPLC EQL PRT	
00162Q 66 8	ALPS ETF TR	EM SECT DIV DG	
00162Q 67 6	ALPS ETF TR	ALERIAN ENERGY	
00162Q 71 8	ALPS ETF TR	INTL SEC DV DOG	
00162Q 72 6 *	ALPS ETF TR	BARRONS 400 ETF	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00162Q 90 6	ALPS ETF TR	CALL	
00162Q 95 6	ALPS ETF TR	PUT	
00162Q 78 3	ALPS ETF TR	RIVRFRNT 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	
00162Q 86 6 *	ALPS ETF TR	ALERIAN MLP	
00162Q 90 6	ALPS ETF TR	CALL	
00162Q 95 6	ALPS ETF TR	PUT	
001627 10 8	ALJ REGIONAL HLDGS INC	COM	
00163U AA 4	AMAG PHARMACEUTICALS INC	NOTE 2.500% 2/1	
00163U AD 8	AMAG PHARMACEUTICALS INC	NOTE 3.250% 6/0	
00163U 10 6 *	AMAG PHARMACEUTICALS INC	COM	
00163U 90 6	AMAG PHARMACEUTICALS INC	CALL	
00163U 95 6	AMAG PHARMACEUTICALS INC	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	
00165R 10 1	AMCI ACQUISITION CORP	CLASS A	ADDED
00165R 11 9	AMCI ACQUISITION CORP	*W EXP 05/20/202	ADDED
00165R 20 0	AMCI ACQUISITION CORP	UNIT 01/07/2019	ADDED
001744 10 1 *	AMN HEALTHCARE SERVICES INC	COM	
001744 90 1	AMN HEALTHCARE SERVICES INC	CALL	
001744 95 1	AMN HEALTHCARE SERVICES INC	PUT	
00181T 10 7	A MARK PRECIOUS METALS INC	COM	
00182C AA 1	ANI PHARMACEUTICALS INC	NOTE 3.000%12/0	
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 HOMESERVICES INC	COM CL A	
00183L 90 2	ANGI HOMESERVICES INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00183L 95 2	ANGI HOMESERVICES INC	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 INC	SPONS ADR	
00211Y 40 7	ARCA BIOPHARMA INC	COM PAR	
002120 10 3 *	ATYR PHARMA INC	COM	
002120 90 3	ATYR PHARMA INC	CALL	
002120 95 3	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	
00213H 10 5 *	ARC GROUP WORLDWIDE INC	COM	
00213H 90 5	ARC GROUP WORLDWIDE INC	CALL	
00213H 95 5	ARC GROUP WORLDWIDE 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	INDL INNOVATIN	
00214Q 30 2	ARK ETF TR	GEN REV MLTSC	
00214Q 40 1 *	ARK ETF TR	WEB X.O ETF	
00214Q 90 1	ARK ETF TR	CALL	
00214Q 95 1	ARK ETF TR	PUT	
00214Q 50 0	ARK ETF TR	3D PRINTING ETF	
00214Q 60 9	ARK ETF TR	ISRAEL INOVATE	
00215F 10 7 *	ATN INTL INC	COM	
00215F 90 7	ATN INTL INC	CALL	
00215F 95 7	ATN INTL INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00215L 10 4	ASV HLDGS INC	COM	
00215W 10 0 *	ASE TECHNOLOGY HOLDING CO LT	SPONSORED ADS	
00215W 90 0	ASE TECHNOLOGY HOLDING CO LT	CALL	
00215W 95 0	ASE TECHNOLOGY HOLDING CO LT	PUT	
002255 10 7 *	AU OPTRONICS CORP	SPONSORED ADR	
002255 90 7	AU OPTRONICS CORP	CALL	
002255 95 7	AU OPTRONICS CORP	PUT	
00234P 10 2 *	AV HOMES INC	COM	DELETED
00234P 90 2	AV HOMES INC	CALL	DELETED
00234P 95 2	AV HOMES INC	PUT	DELETED
002444 10 7 *	AVX CORP NEW	COM	
002444 90 7	AVX CORP NEW	CALL	
002444 95 7	AVX CORP NEW	PUT	
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	
002535 30 0 *	AARONS INC	COM PAR \$0.50	
002535 90 0	AARONS INC	CALL	
002535 95 0	AARONS 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	
00289Y 10 7 *	ABEONA THERAPEUTICS INC	COM	
00289Y 90 7	ABEONA THERAPEUTICS INC	CALL	
00289Y 95 7	ABEONA THERAPEUTICS INC	PUT	
00289Y 11 5	ABEONA THERAPEUTICS INC	*W EXP 12/24/201	
002896 20 7 *	ABERCROMBIE & FITCH CO	CL A	
002896 90 7	ABERCROMBIE & FITCH CO	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
002896 95 7	ABERCROMBIE & FITCH CO	PUT	
003009 10 7	ABERDEEN ASIA PACIFIC INCOM	COM	
00301W 10 5	ABERDEEN EMRG MRKTS EQT INM	COM	
003011 10 3	ABERDEEN AUSTRALIA EQTY FD I	COM	
003013 10 9	ABERDEEN GLOBAL INCOME FD IN	COM	
00302L 10 8	ABERDEEN GLOBAL PREMIER PPTY	COM SH BEN INT	
00302M 10 6	ABERDEEN GLOBAL DYNAMIC DIVI	COM	
003057 10 6	ABERDEEN INCOME CR STRATEGIE	COM	
00306J 10 9	ABERDEEN JAPAN EQUITY FD INC	COM	
00326A 10 4 *	ABERDEEN STD GOLD ETF TR	PHYSCL SWISS GLD	ADDED
00326A 90 4	ABERDEEN STD GOLD ETF TR	CALL	ADDED
00326A 95 4	ABERDEEN STD GOLD ETF TR	PUT	ADDED
00326L 10 0	ABERDEEN TOTAL DYNAMIC DIVD	COM SH BEN INT	
003260 10 6	ABERDEEN STD PLATINUM ETF TR	PHYSCL PLATM SHS	ADDED
003261 10 4	ABERDEEN STD INVTS ETFS	BBRG ALL COMD K1	ADDED
003261 20 3	ABERDEEN STD INVTS ETFS	BBRG ALL LNDR K1	ADDED
003261 50 0	ABERDEEN STD INVTS ETFS	BBRG ENGY CMD K1	ADDED
003262 10 2	ABERDEEN STD PALLADIUM ETF T	PHYSCL PALLADM	ADDED
003263 10 0	ABERDEEN STD PRECIOUS METALS	PHYSCL PM BASKET	ADDED
003264 10 8 *	ABERDEEN STD SILVER ETF TR	PHYSCL SILVR SHS	ADDED
003264 90 8	ABERDEEN STD SILVER ETF TR	CALL	ADDED
003264 95 8	ABERDEEN STD SILVER ETF TR	PUT	ADDED
003654 10 0 *	ABIOMED INC	COM	
003654 90 0	ABIOMED INC	CALL	
003654 95 0	ABIOMED INC	PUT	
003830 10 6 *	ABRAXAS PETE CORP	COM	
003830 90 6	ABRAXAS PETE CORP	CALL	
003830 95 6	ABRAXAS PETE 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 10 6	ABSOLUTE SHS TR	WBI BBR RNG 2000	
00400R 20 5	ABSOLUTE SHS TR	WBI BBR VAL 2000	
00400R 30 4	ABSOLUTE SHS TR	WBI BBR YLD 2000	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00400R 40 3	ABSOLUTE SHS TR	WBI BBR QTY 2000	
00400R 50 2	ABSOLUTE SHS TR	WBI BBR RNG 1000	
00400R 60 1	ABSOLUTE SHS TR	WBI BBR VAL 1000	
00400R 70 0	ABSOLUTE SHS TR	WBI BBR YLD 1000	
00400R 80 9	ABSOLUTE SHS TR	WBI BBR QTY 1000	
00400R 85 8	ABSOLUTE SHS TR	WBI PWR FCTR ETF	
00400R 86 6	ABSOLUTE SHS TR	WBI BBR GBL ROTN	
00400R 87 4	ABSOLUTE SHS TR	WBI BBR GBL INME	
00400R 88 2	ABSOLUTE SHS TR	WBI BBR GBL HIGH	
00401C 10 8 *	ACACIA COMMUNICATIONS INC	COM	
00401C 90 8	ACACIA COMMUNICATIONS INC	CALL	
00401C 95 8	ACACIA COMMUNICATIONS INC	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	
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 10 2 *	ACCELERATE DIAGNOSTICS INC	COM	
00430H 90 2	ACCELERATE DIAGNOSTICS INC	CALL	
00430H 95 2	ACCELERATE DIAGNOSTICS INC	PUT	
00430K 40 2	ACASTI PHARMA INC	CL A NEW	
004337 10 1	ACCESS NATL CORP	COM	
00434H 10 8 *	ACCELERON PHARMA INC	COM	
00434H 90 8	ACCELERON PHARMA INC	CALL	
00434H 95 8	ACCELERON PHARMA INC	PUT	
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	
00444T 10 0 *	ACELRX PHARMACEUTICALS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00444T 90 0	ACELRX PHARMACEUTICALS INC	CALL	
00444T 95 0	ACELRX PHARMACEUTICALS INC	PUT	
004446 AD 2	ACETO CORP	NOTE 2.000%11/0	
004446 10 0 *	ACETO CORP	COM	
004446 90 0	ACETO CORP	CALL	
004446 95 0	ACETO CORP	PUT	
004449 10 4 *	ACHAOGEN INC	COM	
004449 90 4	ACHAOGEN INC	CALL	
004449 95 4	ACHAOGEN INC	PUT	
004468 20 3	ACHIEVE LIFE SCIENCE INC	COM NEW	
00448Q 20 1 *	ACHILLION PHARMACEUTICALS IN	COM	
00448Q 90 1	ACHILLION PHARMACEUTICALS IN	CALL	
00448Q 95 1	ACHILLION PHARMACEUTICALS IN	PUT	
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 AA 4	ACORDA THERAPEUTICS INC	NOTE 1.750% 6/1	
00484M 10 6 *	ACORDA THERAPEUTICS INC	COM	
00484M 90 6	ACORDA THERAPEUTICS INC	CALL	
00484M 95 6	ACORDA THERAPEUTICS INC	PUT	
004854 20 4	ACORN INTL INC	SPONSORD ADR NEW	
00507V 10 9 *	ACTIVISION BLIZZARD INC	COM	
00507V 90 9	ACTIVISION BLIZZARD INC	CALL	
00507V 95 9	ACTIVISION BLIZZARD INC	PUT	
00507W 10 7 *	ACTINIUM PHARMACEUTICALS INC	COM	
00507W 90 7	ACTINIUM PHARMACEUTICALS INC	CALL	
00507W 95 7	ACTINIUM PHARMACEUTICALS INC	PUT	
00508X 20 3 *	ACTUANT CORP	CL A NEW	
00508X 90 3	ACTUANT CORP	CALL	
00508X 95 3	ACTUANT CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00508Y 10 2 *	ACUITY BRANDS INC	COM	
00508Y 90 2	ACUITY BRANDS INC	CALL	
00508Y 95 2	ACUITY BRANDS INC	PUT	
00509T 30 0	ACTIVE WEIGHTING FDS ETF TR	EVENTSHS US POLI	DELETED
005098 10 8 *	ACUSHNET HOLDINGS CORP	COM	
005098 90 8	ACUSHNET HOLDINGS CORP	CALL	
005098 95 8	ACUSHNET HOLDINGS CORP	PUT	
005125 10 9 *	ACXIOM HOLDINGS INC	COM	DELETED
005125 90 9	ACXIOM HOLDINGS INC	CALL	DELETED
005125 95 9	ACXIOM HOLDINGS INC	PUT	DELETED
00547W 20 8 *	ADAMIS PHARMACEUTICALS CORP	COM NEW	
00547W 90 8	ADAMIS PHARMACEUTICALS CORP	CALL	
00547W 95 8	ADAMIS PHARMACEUTICALS CORP	PUT	
00548A 10 6 *	ADAMAS PHARMACEUTICALS INC	COM	
00548A 90 6	ADAMAS PHARMACEUTICALS INC	CALL	
00548A 95 6	ADAMAS PHARMACEUTICALS INC	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	
006212 10 4	ADAMS DIVERSIFIED EQUITY FD	COM	
006351 30 8	ADAMS RES & ENERGY INC	COM NEW	
00653A 10 7 *	ADAPTIMMUNE THERAPEUTICS PLC	SPONDS ADR	
00653A 90 7	ADAPTIMMUNE THERAPEUTICS PLC	CALL	
00653A 95 7	ADAPTIMMUNE THERAPEUTICS PLC	PUT	
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 GP I	COM NEW	
00687D 10 1 *	ADESTO TECHNOLOGIES CORP	COM	
00687D 90 1	ADESTO TECHNOLOGIES CORP	CALL	
00687D 95 1	ADESTO TECHNOLOGIES CORP	PUT	
00688A 10 6	ADIAL PHARMACEUTICALS INC	COM	
00688A 11 4	ADIAL PHARMACEUTICALS INC	*W EXP 07/31/202	
00724F 10 1 *	ADOBE INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00724F 90 1	ADOBE INC	CALL	
00724F 95 1	ADOBE INC	PUT	
00726A 10 0	ADOMANI INC	COM	
00737L 10 3 *	ADTALEM GLOBAL ED INC	COM	
00737L 90 3	ADTALEM GLOBAL ED INC	CALL	
00737L 95 3	ADTALEM GLOBAL ED INC	PUT	
00738A 10 6 *	ADTRAN INC	COM	
00738A 90 6	ADTRAN INC	CALL	
00738A 95 6	ADTRAN INC	PUT	
00739L 10 1 *	ADURO BIOTECH INC	COM	
00739L 90 1	ADURO BIOTECH INC	CALL	
00739L 95 1	ADURO BIOTECH INC	PUT	
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 SYSTEMS	COM	
007624 11 7	ADVAXIS INC	*W EXP 10/22/201	DELETED
007624 20 8 *	ADVAXIS INC	COM NEW	
007624 90 8	ADVAXIS INC	CALL	
007624 95 8	ADVAXIS INC	PUT	
00764C 10 9	ADVENT CLAYMORE CV SECS & IN	COM	
00766T 10 0 *	AECOM	COM	
00766T 90 0	AECOM	CALL	
00766T 95 0	AECOM	PUT	
00767E AB 8	AEGERION PHARMACEUTICALS INC	NOTE 2.000% 8/1	
00768Y 20 6	ADVISORSHARES TR	ADVISORSHS ETF	
00768Y 52 9	ADVISORSHARES TR	DORSY SHRT ETF	
00768Y 53 7	ADVISORSHARES TR	DORSY MICR ETF	
00768Y 54 5	ADVISORSHARES TR	VICE ETF	
00768Y 55 2 *	ADVISORSHARES TR	NEW TECH MEDIA	
00768Y 90 2	ADVISORSHARES TR	CALL	
00768Y 95 2	ADVISORSHARES TR	PUT	
00768Y 56 0	ADVISORSHARES TR	ADVISORSHS ETF	
00768Y 57 8	ADVISORSHARES TR	KIM KOREA EQT	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00768Y 58 6	ADVISORSHARES TR	CORNERSTONE SM	
00768Y 59 4	ADVISORSHARES TR	PAC EN FLTG RT	
00768Y 65 1	ADVISORSHARES TR	SAGE CORE ETF	
00768Y 72 7	ADVISORSHARES TR	NEWFLT MULSINC	
00768Y 76 8	ADVISORSHARES TR	STAR GLOB BUYW	
00768Y 81 8	ADVISORSHARES TR	DOUBLELIN VAL EQ	
00768Y 83 4	ADVISORSHARES TR	MADRONA GLB BD	
00768Y 84 2	ADVISORSHARES TR	MADRONA INTL ETF	
00768Y 85 9	ADVISORSHARES TR	MADRONA DOMESTIC	
00768Y 88 3 *	ADVISORSHARES TR	RANGER EQUITY BE	
00768Y 90 3	ADVISORSHARES TR	CALL	
00768Y 95 3	ADVISORSHARES TR	PUT	
00770C 10 1	ADVANCED EMISSIONS SOLUTS IN	COM	
00770F 10 4 *	AEGION CORP	COM	
00770F 90 4	AEGION CORP	CALL	
00770F 95 4	AEGION CORP	PUT	
00770K 20 2	AEMETIS INC	COM NEW	
00771V 10 8 *	AERIE PHARMACEUTICALS INC	COM	
00771V 90 8	AERIE PHARMACEUTICALS INC	CALL	
00771V 95 8	AERIE PHARMACEUTICALS INC	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	
00773V AB 2	AEGEAN MARINE PETE NETWORK I	NOTE 4.250%12/1	DELETED
007737 10 9	AEROCENTURY CORP	COM	
007786 10 6 *	AEROHIVE NETWORKS INC	COM	
007786 90 6	AEROHIVE NETWORKS INC	CALL	
007786 95 6	AEROHIVE NETWORKS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
007800 AB 1	AEROJET ROCKETDYNE HLDGS INC	NOTE 2.250%12/1	
007800 10 5 *	AEROJET ROCKETDYNE HLDGS INC	COM	
007800 90 5	AEROJET ROCKETDYNE HLDGS INC	CALL	
007800 95 5	AEROJET ROCKETDYNE HLDGS INC	PUT	
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	
00790X 10 1 *	ADVANCED DISP SVCS INC DEL	COM	
00790X 90 1	ADVANCED DISP SVCS INC DEL	CALL	
00790X 95 1	ADVANCED DISP SVCS 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	
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 40 2 *	AETERNA ZENTARIS INC	COM PAR	
007975 90 2	AETERNA ZENTARIS INC	CALL	
007975 95 2	AETERNA ZENTARIS INC	PUT	
008073 10 8 *	AEROVIRONMENT INC	COM	
008073 90 8	AEROVIRONMENT INC	CALL	
008073 95 8	AEROVIRONMENT INC	PUT	
00808Y 20 8	AETHLON MED INC	COM NEW	
00810B 10 5	AERPIO PHARMACEUTICALS INC	COM	
00817Y 10 8 *	AETNA INC NEW	COM	DELETED
00817Y 90 8	AETNA INC NEW	CALL	DELETED
00817Y 95 8	AETNA INC NEW	PUT	DELETED
008252 10 8 *	AFFILIATED MANAGERS GROUP	COM	
008252 90 8	AFFILIATED MANAGERS GROUP	CALL	
008252 95 8	AFFILIATED MANAGERS GROUP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00835P 10 5 *	AEVI GENOMIC MEDICINE INC	COM	
00835P 90 5	AEVI GENOMIC MEDICINE INC	CALL	
00835P 95 5	AEVI GENOMIC MEDICINE INC	PUT	
00846U 10 1 *	AGILENT TECHNOLOGIES INC	COM	
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 10 0 *	AGILE THERAPEUTICS INC	COM	
00847L 90 0	AGILE THERAPEUTICS INC	CALL	
00847L 95 0	AGILE THERAPEUTICS INC	PUT	
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	ADDED
00848K 10 1	AGEAGLE AERIAL SYS INC NEW	COM	
008492 10 0 *	AGREE REALTY CORP	COM	
008492 90 0	AGREE REALTY CORP	CALL	
008492 95 0	AGREE REALTY CORP	PUT	
00856G 10 9 *	AGROFRESH SOLUTIONS	COM	
00856G 90 9	AGROFRESH SOLUTIONS	CALL	
00856G 95 9	AGROFRESH SOLUTIONS	PUT	
00856G 11 7	AGROFRESH SOLUTIONS	*W EXP 07/31/202	
00887A 10 5	AILERON THERAPEUTICS INC	COM	
00900T 10 7 *	AIMMUNE THERAPEUTICS INC	COM	
00900T 90 7	AIMMUNE THERAPEUTICS INC	CALL	
00900T 95 7	AIMMUNE THERAPEUTICS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00912N 20 5	AIR INDS GROUP	COM NEW	
00912X AK 0	AIR LEASE CORP	NOTE 3.875%12/0	DELETED
00912X 30 2 *	AIR LEASE CORP	CL A	
00912X 90 2	AIR LEASE CORP	CALL	
00912X 95 2	AIR LEASE CORP	PUT	
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 TRANSPORT SERVICES GRP I	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	
009411 10 9 *	AIRMEDIA GROUP INC	SPONSORED ADS	
009411 90 9	AIRMEDIA GROUP INC	CALL	
009411 95 9	AIRMEDIA GROUP INC	PUT	
00971T AG 6	AKAMAI TECHNOLOGIES INC	DBCV 2/1	
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	
00972G 10 8	AKARI THERAPEUTICS PLC	SPONSORED ADR	
00972L 10 7 *	AKCEA THERAPEUTICS INC	COM	
00972L 90 7	AKCEA THERAPEUTICS INC	CALL	
00972L 95 7	AKCEA THERAPEUTICS INC	PUT	
009728 10 6 *	AKORN INC	COM	
009728 90 6	AKORN INC	CALL	
009728 95 6	AKORN INC	PUT	
00973E 10 2	AKERS BIOSCIENCES INC	COM	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00973E 30 0	AKERS BIOSCIENCES INC	COM NEW	ADDED
00973N 10 2	AKOUSTIS TECHNOLOGIES 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 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	
01167P 10 1 *	ALASKA COMMUNICATIONS SYS GR	COM	
01167P 90 1	ALASKA COMMUNICATIONS SYS GR	CALL	
01167P 95 1	ALASKA COMMUNICATIONS SYS GR	PUT	
012348 10 8 *	ALBANY INTL CORP	CL A	
012348 90 8	ALBANY INTL CORP	CALL	
012348 95 8	ALBANY INTL CORP	PUT	
012653 10 1 *	ALBEMARLE CORP	COM	
012653 90 1	ALBEMARLE CORP	CALL	
012653 95 1	ALBEMARLE CORP	PUT	
01345P 10 6 *	ALBIREO PHARMA INC	COM	
01345P 90 6	ALBIREO PHARMA INC	CALL	
01345P 95 6	ALBIREO PHARMA INC	PUT	
01374T 10 2 *	ALCENTRA CAP CORP	COM	
01374T 90 2	ALCENTRA CAP CORP	CALL	
01374T 95 2	ALCENTRA CAP CORP	PUT	
013872 10 6 *	ALCOA CORP	COM	
013872 90 6	ALCOA CORP	CALL	
013872 95 6	ALCOA CORP	PUT	
014339 AA 3	ALDER BIOPHARMACEUTICALS INC	NOTE 2.500% 2/0	
014339 10 5 *	ALDER BIOPHARMACEUTICALS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
014339 90 5	ALDER BIOPHARMACEUTICALS INC	CALL	
014339 95 5	ALDER BIOPHARMACEUTICALS INC	PUT	
01438T 10 6 *	ALDEYRA THERAPEUTICS INC	COM	
01438T 90 6	ALDEYRA THERAPEUTICS INC	CALL	
01438T 95 6	ALDEYRA THERAPEUTICS INC	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	
015271 50 5	ALEXANDRIA REAL ESTATE EQ IN	PFD CONV SER D	
01535P 10 6 *	ALEXCO RESOURCE CORP	COM	
01535P 90 6	ALEXCO RESOURCE CORP	CALL	
01535P 95 6	ALEXCO RESOURCE CORP	PUT	
015351 10 9 *	ALEXION PHARMACEUTICALS INC	COM	
015351 90 9	ALEXION PHARMACEUTICALS INC	CALL	
015351 95 9	ALEXION PHARMACEUTICALS INC	PUT	
015857 10 5 *	ALGONQUIN PWR UTILS CORP	COM	
015857 90 5	ALGONQUIN PWR UTILS CORP	CALL	
015857 95 5	ALGONQUIN PWR UTILS CORP	PUT	
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	
016255 10 1 *	ALIGN TECHNOLOGY INC	COM	
016255 90 1	ALIGN TECHNOLOGY INC	CALL	
016255 95 1	ALIGN TECHNOLOGY INC	PUT	
016259 10 3 *	ALIMERA SCIENCES INC	COM	
016259 90 3	ALIMERA SCIENCES INC	CALL	
016259 95 3	ALIMERA SCIENCES INC	PUT	
01627X 10 8	ALIO GOLD INC	COM	
01643A 20 7	ALKALINE WTR CO INC	COM NEW	ADDED

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01643B 10 6	ALITHYA GROUP INC	CL A SUB VTG	ADDED
01671P 10 0	ALLAKOS INC	COM	
017175 10 0 *	ALLEGHANY CORP DEL	COM	
017175 90 0	ALLEGHANY CORP DEL	CALL	
017175 95 0	ALLEGHANY CORP DEL	PUT	
01741R AG 7	ALLEGHENY TECHNOLOGIES INC	NOTE 4.750% 7/0	
01741R 10 2 *	ALLEGHENY TECHNOLOGIES INC	COM	
01741R 90 2	ALLEGHENY TECHNOLOGIES INC	CALL	
01741R 95 2	ALLEGHENY TECHNOLOGIES INC	PUT	
01748H 10 7	ALLEGIANCE BANCSHARES INC	COM	
01748X 10 2 *	ALLEGIANT TRAVEL CO	COM	
01748X 90 2	ALLEGIANT TRAVEL CO	CALL	
01748X 95 2	ALLEGIANT TRAVEL CO	PUT	
01749N 10 3	ALLEGRO MERGER CORP	COM	
01749N 11 1	ALLEGRO MERGER CORP	*W EXP 01/06/202	
01749N 12 9	ALLEGRO MERGER CORP	RIGHT 12/31/2023	
01749N 30 1	ALLEGRO MERGER CORP	UNIT 12/31/2023	
018119 10 7	ALLENA PHARMACEUTICALS INC	COM	
018522 30 0 *	ALLETE INC	COM NEW	
018522 90 0	ALLETE INC	CALL	
018522 95 0	ALLETE INC	PUT	
018546 10 1	ALLIANCE CALIF MUN INCOME FD	COM	
018581 10 8 *	ALLIANCE DATA SYSTEMS CORP	COM	
018581 90 8	ALLIANCE DATA SYSTEMS CORP	CALL	
018581 95 8	ALLIANCE DATA SYSTEMS CORP	PUT	
018626 10 1	ALLIANCE MMA INC	COM	
01864U 10 6	ALLIANCEBERNSTEIN NATL MUNI	COM	
01877R 10 8 *	ALLIANCE RES PARTNER L P	UT LTD PART	
01877R 90 8	ALLIANCE RES PARTNER L P	CALL	
01877R 95 8	ALLIANCE RES PARTNER L P	PUT	
01879R 10 6	ALLIANCEBERNSTEIN GBL HGH IN	COM	
018802 10 8 *	ALLIANT ENERGY CORP	COM	
018802 90 8	ALLIANT ENERGY CORP	CALL	
018802 95 8	ALLIANT ENERGY CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
01881G 10 6 *	ALLIANCEBERNSTEIN HOLDING LP	UNIT LTD PARTN	
01881G 90 6	ALLIANCEBERNSTEIN HOLDING LP	CALL	
01881G 95 6	ALLIANCEBERNSTEIN HOLDING LP	PUT	
018825 10 9	ALLIANZGI CONV INCOME FD II	COM	
018828 10 3	ALLIANZGI CONV INCOME FD	COM	
018829 10 1	ALLIANZGI EQUITY & CONV INCO	COM	
01883A 10 7	ALLIANZGI NFJ DIVID INT & PR	COM	
01883H 10 2	ALLIANZGI CON INCM 2024 TARG	COM	
01883J 10 8	ALLIANZGI DIVERS INC & CNV F	COM	
019222 20 7	ALLIED HEALTHCARE PRODS INC	COM NEW	
019330 10 9 *	ALLIED MOTION TECHNOLOGIES I	COM	
019330 90 9	ALLIED MOTION TECHNOLOGIES I	CALL	
019330 95 9	ALLIED MOTION TECHNOLOGIES I	PUT	
019621 30 9 *	ALLIQUA BIOMEDICAL INC	COM PAR	
019621 90 9	ALLIQUA BIOMEDICAL INC	CALL	
019621 95 9	ALLIQUA BIOMEDICAL INC	PUT	
01973R 10 1 *	ALLISON TRANSMISSION HLDGS I	COM	
01973R 90 1	ALLISON TRANSMISSION HLDGS I	CALL	
01973R 95 1	ALLISON TRANSMISSION HLDGS I	PUT	
019770 10 6 *	ALLOGENE THERAPEUTICS INC	COM	ADDED
019770 90 6	ALLOGENE THERAPEUTICS INC	CALL	ADDED
019770 95 6	ALLOGENE THERAPEUTICS INC	PUT	ADDED
01988P AD 0	ALLSCRIPTS HEALTHCARE SOLUTN	NOTE 1.250% 7/0	
01988P 10 8 *	ALLSCRIPTS HEALTHCARE SOLUTN	COM	
01988P 90 8	ALLSCRIPTS HEALTHCARE SOLUTN	CALL	
01988P 95 8	ALLSCRIPTS HEALTHCARE SOLUTN	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	ALPHA ARCHITECT ETF TR	US QUAN VALUE	
02072L 20 1	ALPHA ARCHITECT ETF TR	INTL QUAN VALUE	
02072L 30 0	ALPHA ARCHITECT ETF TR	INTL QUAN MOMNTM	
02072L 40 9	ALPHA ARCHITECT ETF TR	US QUAN MOMENTUM	
02072L 50 8	ALPHA ARCHITECT ETF TR	VAL MOMTM TRND	
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	
02081G 20 1 *	ALPHATEC HOLDINGS INC	COM NEW	
02081G 90 1	ALPHATEC HOLDINGS INC	CALL	
02081G 95 1	ALPHATEC HOLDINGS INC	PUT	
02083G 10 0	ALPINE IMMUNE SCIENCES INC	COM	
02133L 10 9 *	ALTA MESA RES INC	CL A	
02133L 90 9	ALTA MESA RES INC	CALL	
02133L 95 9	ALTA MESA RES INC	PUT	
02133L 11 7	ALTA MESA RES INC	*W EXP 03/28/202	
021346 10 1 *	ALTABA INC	COM	
021346 90 1	ALTABA INC	CALL	
021346 95 1	ALTABA INC	PUT	
021369 10 3 *	ALTAIR ENGR INC	COM CL A	
021369 90 3	ALTAIR ENGR INC	CALL	
021369 95 3	ALTAIR ENGR INC	PUT	
02153X 10 8	ALTISOURCE ASSET MGMT CORP	COM	
02155H 20 0 *	ALTIMMUNE INC	COM NEW	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02155H 90 0	ALTIMMUNE INC	CALL	
02155H 95 0	ALTIMMUNE INC	PUT	
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	
02208R 10 6 *	ALTRA INDL MOTION CORP	COM	
02208R 90 6	ALTRA INDL MOTION CORP	CALL	
02208R 95 6	ALTRA INDL MOTION CORP	PUT	
02209S 10 3 *	ALTRIA GROUP INC	COM	
02209S 90 3	ALTRIA GROUP INC	CALL	
02209S 95 3	ALTRIA GROUP INC	PUT	
02215L 10 0	ALTUS MIDSTREAM CO	CL A	ADDED
022276 10 9 *	ALUMINUM CORP CHINA LTD	SPON ADR H SHS	
022276 90 9	ALUMINUM CORP CHINA LTD	CALL	
022276 95 9	ALUMINUM CORP CHINA LTD	PUT	
02261W AB 5	ALZA CORP	SDCV	7/2
022663 10 8	AMALGAMATED BK NEW YORK N Y	CLASS A	
023111 20 6 *	AMARIN CORP PLC	SPONS ADR NEW	
023111 90 6	AMARIN CORP PLC	CALL	
023111 95 6	AMARIN CORP PLC	PUT	
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	
02318Y 10 8 *	AMBER RD INC	COM	
02318Y 90 8	AMBER RD INC	CALL	
02318Y 95 8	AMBER RD INC	PUT	
02319V 10 3 *	AMBEV SA	SPONSORED ADR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
023435 40 7	AMEDICA CORP	COM PAR	DELETED
023436 10 8 *	AMEDISYS INC	COM	
023436 90 8	AMEDISYS INC	CALL	
023436 95 8	AMEDISYS INC	PUT	
023586 10 0 *	AMERCO	COM	
023586 90 0	AMERCO	CALL	
023586 95 0	AMERCO	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	
02362F 10 4	AMERI HLDGS INC	COM	
02362F 11 2	AMERI HLDGS INC	*W EXP 11/08/202	
02364V 10 7 *	AMERICA FIRST MULTIFAMILY IN	BEN UNIT CTF	
02364V 90 7	AMERICA FIRST MULTIFAMILY IN	CALL	
02364V 95 7	AMERICA FIRST MULTIFAMILY IN	PUT	
02364W 10 5 *	AMERICA MOVIL SAB DE CV	SPON ADR L SHS	
02364W 90 5	AMERICA MOVIL SAB DE CV	CALL	
02364W 95 5	AMERICA MOVIL SAB DE CV	PUT	
02364W 20 4	AMERICA MOVIL SAB DE CV	SPONSORED ADR	
02376R 10 2 *	AMERICAN AIRLS GROUP INC	COM	
02376R 90 2	AMERICAN AIRLS GROUP INC	CALL	
02376R 95 2	AMERICAN AIRLS GROUP INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
024061 95 3	AMERICAN AXLE & MFG HLDGS IN	PUT	
024835 10 0 *	AMERICAN CAMPUS CMNTYS INC	COM	
024835 90 0	AMERICAN CAMPUS CMNTYS INC	CALL	
024835 95 0	AMERICAN CAMPUS CMNTYS INC	PUT	
025072 10 9	AMERICAN CENTY ETF TR	DIVERSIFID CRP	
025072 20 8	AMERICAN CENTY ETF TR	STOXX US QUALT	
025072 30 7	AMERICAN CENTY ETF TR	STOXX US QLTY	
025072 40 6	AMERICAN CENTY ETF TR	QUALITY DIVRSFED	
025072 50 5	AMERICAN CENTY ETF TR	DIVERSIFIED MU	
02553E 10 6 *	AMERICAN EAGLE OUTFITTERS NE	COM	
02553E 90 6	AMERICAN EAGLE OUTFITTERS NE	CALL	
02553E 95 6	AMERICAN EAGLE OUTFITTERS NE	PUT	
025537 10 1 *	AMERICAN ELEC PWR INC	COM	
025537 90 1	AMERICAN ELEC PWR INC	CALL	
025537 95 1	AMERICAN ELEC PWR INC	PUT	
025576 10 9	AMERICAN ELECTRIC TECH INC	COM	
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	AMERICAN FIN TR INC	COM CLASS A	
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 15 6	AMERICAN INTL GROUP INC	*W EXP 01/19/202	
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	
027297 10 0	AMERICAN LORAIN CORP	COM	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02752P 10 0 *	AMERICAN MIDSTREAM PARTNERS	COM UNITS	
02752P 90 0	AMERICAN MIDSTREAM PARTNERS	CALL	
02752P 95 0	AMERICAN MIDSTREAM PARTNERS	PUT	
027745 10 8 *	AMERICAN NATL BANKSHARES INC	COM	
027745 90 8	AMERICAN NATL BANKSHARES INC	CALL	
027745 95 8	AMERICAN NATL BANKSHARES INC	PUT	
028591 10 5 *	AMERICAN NATL INS CO	COM	
028591 90 5	AMERICAN NATL INS CO	CALL	
028591 95 5	AMERICAN NATL INS CO	PUT	
02874P 10 3 *	AMERICAN OUTDOOR BRANDS CORP	COM	
02874P 90 3	AMERICAN OUTDOOR BRANDS CORP	CALL	
02874P 95 3	AMERICAN OUTDOOR BRANDS CORP	PUT	
02913V 10 3 *	AMERICAN PUBLIC EDUCATION IN	COM	
02913V 90 3	AMERICAN PUBLIC EDUCATION IN	CALL	
02913V 95 3	AMERICAN PUBLIC EDUCATION IN	PUT	
02916P 10 3 *	AMERICAN RAILCAR INDS INC	COM	DELETED
02916P 90 3	AMERICAN RAILCAR INDS INC	CALL	DELETED
02916P 95 3	AMERICAN RAILCAR INDS INC	PUT	DELETED
02917T AB 0	AMERICAN RLTY CAP PPTYS INC	NOTE 3.750%12/1	
029174 10 9	AMERICAN RLTY INVS INC	COM	
029227 10 5 *	AMERICAN RENAL ASSOCIATES HO	COM	
029227 90 5	AMERICAN RENAL ASSOCIATES HO	CALL	
029227 95 5	AMERICAN RENAL ASSOCIATES HO	PUT	
029326 10 5	AMERICAN RIVER BANKSHARES	COM	
029595 10 5	AMERICAN SHARED HOSPITAL SVC	COM	
029683 10 9 *	AMERICAN SOFTWARE INC	CL A	
029683 90 9	AMERICAN SOFTWARE INC	CALL	
029683 95 9	AMERICAN SOFTWARE INC	PUT	
029899 10 1 *	AMERICAN STS WTR CO	COM	
029899 90 1	AMERICAN STS WTR CO	CALL	
029899 95 1	AMERICAN STS 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
030420 10 3 *	AMERICAN WTR WKS CO INC NEW	COM	
030420 90 3	AMERICAN WTR WKS CO INC NEW	CALL	
030420 95 3	AMERICAN WTR WKS CO INC NEW	PUT	
030506 10 9 *	AMERICAN WOODMARK CORPORATIO	COM	
030506 90 9	AMERICAN WOODMARK CORPORATIO	CALL	
030506 95 9	AMERICAN WOODMARK CORPORATIO	PUT	
03062T 10 5 *	AMERICAS CAR MART INC	COM	
03062T 90 5	AMERICAS CAR MART INC	CALL	
03062T 95 5	AMERICAS CAR MART INC	PUT	
03063L 70 5	AMERICAS SILVER CORP	COM NEW	
03064D 10 8	AMERICOLD RLTY TR	COM	
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	
030975 10 6 *	AMERIGAS PARTNERS L P	UNIT L P INT	
030975 90 6	AMERIGAS PARTNERS L P	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
030975 95 6	AMERIGAS PARTNERS L P	PUT	
031001 10 0	AMES NATL CORP	COM	
031100 10 0 *	AMETEK INC NEW	COM	
031100 90 0	AMETEK INC NEW	CALL	
031100 95 0	AMETEK INC NEW	PUT	
031162 10 0 *	AMGEN INC	COM	
031162 90 0	AMGEN INC	CALL	
031162 95 0	AMGEN INC	PUT	
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-PITTSBURGH CORP	COM	
032037 90 3	AMPCO-PITTSBURGH CORP	CALL	
032037 95 3	AMPCO-PITTSBURGH CORP	PUT	
03209R 10 3 *	AMPHASTAR PHARMACEUTICALS IN	COM	
03209R 90 3	AMPHASTAR PHARMACEUTICALS IN	CALL	
03209R 95 3	AMPHASTAR PHARMACEUTICALS IN	PUT	
03209T 10 9 *	AMPIO PHARMACEUTICALS INC	COM	
03209T 90 9	AMPIO PHARMACEUTICALS INC	CALL	
03209T 95 9	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 30 0	AMPLIFY ETF TR	YLDSSH SENIOR	DELETED
032108 40 9	AMPLIFY ETF TR	YIELDSHARES CW	
032108 60 7 *	AMPLIFY ETF TR	BLOCKCHAIN LDR	
032108 90 7	AMPLIFY ETF TR	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
032108 95 7	AMPLIFY ETF TR	PUT	
032108 70 6	AMPLIFY ETF TR	EASI TACTICAL	
032108 80 5	AMPLIFY ETF TR	ADVANCED BATTERY	
032108 88 8	AMPLIFY ETF TR	BLACKSWAN GRWT	ADDED
03211P 30 1	AMPLIPHI BIOSCIENCES CORP	COM PAR	
032159 10 5	AMREP CORP NEW	COM	
032332 50 4 *	AMTECH SYS INC	COM PAR \$0.01N	
032332 90 4	AMTECH SYS INC	CALL	
032332 95 4	AMTECH SYS INC	PUT	
032359 AC 5	AMTRUST FINL SVCS INC	NOTE 5.500%12/1	DELETED
032359 AG 6	AMTRUST FINL SVCS INC	NOTE 2.750%12/1	DELETED
032359 30 9 *	AMTRUST FINL SVCS INC	COM	DELETED
032359 90 9	AMTRUST FINL SVCS INC	CALL	DELETED
032359 95 9	AMTRUST FINL SVCS INC	PUT	DELETED
03236M AC 5	AMYRIS INC	NOTE 6.500% 5/1	
03236M AF 8	AMYRIS INC	NOTE 9.500% 4/1	
03236M AG 6	AMYRIS INC	NOTE 9.500% 4/1	
03236M 20 0 *	AMYRIS INC	COM NEW	
03236M 90 0	AMYRIS INC	CALL	
03236M 95 0	AMYRIS INC	PUT	
032511 10 7 *	ANADARKO PETE CORP	COM	
032511 90 7	ANADARKO PETE CORP	CALL	
032511 95 7	ANADARKO PETE CORP	PUT	
032654 10 5 *	ANALOG DEVICES INC	COM	
032654 90 5	ANALOG DEVICES INC	CALL	
032654 95 5	ANALOG DEVICES INC	PUT	
03272L 10 8 *	ANAPLAN INC	COM	ADDED
03272L 90 8	ANAPLAN INC	CALL	ADDED
03272L 95 8	ANAPLAN INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
032797 95 0	ANAVEX LIFE SCIENCES CORP	PUT	
032838 10 4	ANCHOR BANCORP WA	COM	DELETED
03349M 10 5 *	ANDEAVOR	COM	DELETED
03349M 90 5	ANDEAVOR	CALL	DELETED
03349M 95 5	ANDEAVOR	PUT	DELETED
03350F 10 6 *	ANDEAVOR LOGISTICS LP	COM UNIT LP INT	
03350F 90 6	ANDEAVOR LOGISTICS LP	CALL	
03350F 95 6	ANDEAVOR LOGISTICS LP	PUT	
034164 10 3 *	ANDERSONS INC	COM	
034164 90 3	ANDERSONS INC	CALL	
034164 95 3	ANDERSONS INC	PUT	
03475V 10 1 *	ANGIODYNAMICS INC	COM	
03475V 90 1	ANGIODYNAMICS INC	CALL	
03475V 95 1	ANGIODYNAMICS INC	PUT	
035128 20 6 *	ANGLOGOLD ASHANTI LTD	SPONSORED ADR	
035128 90 6	ANGLOGOLD ASHANTI LTD	CALL	
035128 95 6	ANGLOGOLD ASHANTI LTD	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	ADDED
035290 10 5 *	ANIXTER INTL INC	COM	
035290 90 5	ANIXTER INTL INC	CALL	
035290 95 5	ANIXTER INTL INC	PUT	
035710 40 9 *	ANNALY CAP MGMT INC	COM	
035710 90 9	ANNALY CAP MGMT INC	CALL	
035710 95 9	ANNALY CAP MGMT INC	PUT	
03662Q 10 5 *	ANSYS INC	COM	
03662Q 90 5	ANSYS INC	CALL	
03662Q 95 5	ANSYS INC	PUT	
036642 10 6 *	ANTARES PHARMA INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
036642 90 6	ANTARES PHARMA INC	CALL	
036642 95 6	ANTARES PHARMA INC	PUT	
03673L 10 3 *	ANTERO MIDSTREAM PARTNERS LP	UNT LTD PARTN	
03673L 90 3	ANTERO MIDSTREAM PARTNERS LP	CALL	
03673L 95 3	ANTERO MIDSTREAM PARTNERS LP	PUT	
03674X 10 6 *	ANTERO RES CORP	COM	
03674X 90 6	ANTERO RES CORP	CALL	
03674X 95 6	ANTERO RES CORP	PUT	
03675Y 10 3 *	ANTERO MIDSTREAM GP LP	COM SHS REPSTG	
03675Y 90 3	ANTERO MIDSTREAM GP LP	CALL	
03675Y 95 3	ANTERO MIDSTREAM GP LP	PUT	
036752 10 3 *	ANTHEM INC	COM	
036752 90 3	ANTHEM INC	CALL	
036752 95 3	ANTHEM INC	PUT	
037347 10 1 *	ANWORTH MORTGAGE ASSET CP	COM	
037347 90 1	ANWORTH MORTGAGE ASSET CP	CALL	
037347 95 1	ANWORTH MORTGAGE ASSET CP	PUT	
037411 10 5 *	APACHE CORP	COM	
037411 90 5	APACHE CORP	CALL	
037411 95 5	APACHE CORP	PUT	
03748R 10 1 *	APARTMENT INVT & MGMT CO	CL A	
03748R 90 1	APARTMENT INVT & MGMT CO	CALL	
03748R 95 1	APARTMENT INVT & MGMT CO	PUT	
03748R 76 2	APARTMENT INVT & MGMT CO	PFD CL A 6.875%	
03753U 10 6 *	APELLIS PHARMACEUTICALS INC	COM	
03753U 90 6	APELLIS PHARMACEUTICALS INC	CALL	
03753U 95 6	APELLIS PHARMACEUTICALS INC	PUT	
03753V 10 4	APERION BIOLOGICS INC	COM	
03755L 10 4 *	APERGY CORP	COM	
03755L 90 4	APERGY CORP	CALL	
03755L 95 4	APERGY CORP	PUT	
037598 10 9 *	APOGEE ENTERPRISES INC	COM	
037598 90 9	APOGEE ENTERPRISES INC	CALL	
037598 95 9	APOGEE ENTERPRISES INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03761U 10 6 *	APOLLO INVT CORP	COM	DELETED
03761U 90 6	APOLLO INVT CORP	CALL	DELETED
03761U 95 6	APOLLO INVT CORP	PUT	DELETED
03761U 50 2 *	APOLLO INVT CORP	COM NEW	ADDED
03761U 90 2	APOLLO INVT CORP	CALL	ADDED
03761U 95 2	APOLLO INVT CORP	PUT	ADDED
037612 30 6 *	APOLLO GLOBAL MGMT LLC	CL A SHS	
037612 90 6	APOLLO GLOBAL MGMT LLC	CALL	
037612 95 6	APOLLO GLOBAL MGMT LLC	PUT	
03762U AA 3	APOLLO COML REAL EST FIN INC	NOTE 5.500% 3/1	
03762U AB 1	APOLLO COML REAL EST FIN INC	NOTE 4.750% 8/2	
03762U AC 9	APOLLO COML REAL EST FIN INC	NOTE 5.375%10/1	ADDED
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 MEDICAL HLDGS INC	COM NEW	
037636 10 7	APOLLO SR FLOATING RATE FD I	COM	
037638 10 3	APOLLO TACTICAL INCOME FD IN	COM	
03765K 10 4 *	APHRIA INC	COM	ADDED
03765K 90 4	APHRIA INC	CALL	ADDED
03765K 95 4	APHRIA INC	PUT	ADDED
03767D 10 8 *	APOLLO ENDOSURGERY INC	COM	
03767D 90 8	APOLLO ENDOSURGERY INC	CALL	
03767D 95 8	APOLLO ENDOSURGERY 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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03784Y 90 0	APPLE HOSPITALITY REIT INC	CALL	
03784Y 95 0	APPLE HOSPITALITY REIT INC	PUT	
03814F 20 5	APPLIANCE RECYCLING CTRS AME	COM NEW	
03815U 11 0	APPLIED DNA SCIENCES INC	*W EXP 11/21/201	
03815U 20 1 *	APPLIED DNA SCIENCES INC	COM NEW	
03815U 90 1	APPLIED DNA SCIENCES INC	CALL	
03815U 95 1	APPLIED DNA SCIENCES INC	PUT	
03820C 10 5 *	APPLIED INDL TECHNOLOGIES IN	COM	
03820C 90 5	APPLIED INDL TECHNOLOGIES IN	CALL	
03820C 95 5	APPLIED INDL TECHNOLOGIES IN	PUT	
03820J 10 0 *	APPLIED GENETIC TECHNOL CORP	COM	
03820J 90 0	APPLIED GENETIC TECHNOL CORP	CALL	
03820J 95 0	APPLIED GENETIC TECHNOL CORP	PUT	
038222 10 5 *	APPLIED MATLS INC	COM	
038222 90 5	APPLIED MATLS INC	CALL	
038222 95 5	APPLIED MATLS INC	PUT	
03823U 10 2 *	APPLIED OPTOELECTRONICS INC	COM	
03823U 90 2	APPLIED OPTOELECTRONICS INC	CALL	
03823U 95 2	APPLIED OPTOELECTRONICS INC	PUT	
03832V 30 7 *	APRICUS BIOSCIENCES INC	COM NEW	
03832V 90 7	APRICUS BIOSCIENCES INC	CALL	
03832V 95 7	APRICUS BIOSCIENCES INC	PUT	
038336 10 3 *	APTARGROUP INC	COM	
038336 90 3	APTARGROUP INC	CALL	
038336 95 3	APTARGROUP INC	PUT	
03834A 10 3 *	APPROACH RESOURCES INC	COM	
03834A 90 3	APPROACH RESOURCES INC	CALL	
03834A 95 3	APPROACH RESOURCES INC	PUT	
03835C 10 8 *	APPTIO INC	CL A	
03835C 90 8	APPTIO INC	CALL	
03835C 95 8	APPTIO INC	PUT	
03835L 10 8 *	APTEVO THERAPEUTICS INC	COM	
03835L 90 8	APTEVO THERAPEUTICS INC	CALL	
03835L 95 8	APTEVO THERAPEUTICS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03835T 20 0 *	APTOSE BIOSCIENCES INC	COM NEW	
03835T 90 0	APTOSE BIOSCIENCES INC	CALL	
03835T 95 0	APTOSE BIOSCIENCES INC	PUT	
03836N 10 3	APTINYX INC	COM	
03836W 10 3 *	AQUA AMERICA INC	COM	
03836W 90 3	AQUA AMERICA INC	CALL	
03836W 95 3	AQUA AMERICA INC	PUT	
03837J 10 1 *	AQUA METALS INC	COM	
03837J 90 1	AQUA METALS INC	CALL	
03837J 95 1	AQUA METALS INC	PUT	
03842B 10 1 *	AQUINOX PHARMACEUTICALS INC	COM	
03842B 90 1	AQUINOX PHARMACEUTICALS INC	CALL	
03842B 95 1	AQUINOX PHARMACEUTICALS INC	PUT	
03842K 20 0	AQUABOUTY TECHNOLOGIES INC	COM NEW	
03842Q 10 8	AQUANTIA CORP	COM	
03843E 10 4	AQUESTIVE THERAPEUTICS INC	COM	
038505 40 0 *	ARADIGM CORP	COM PAR	
038505 90 0	ARADIGM CORP	CALL	
038505 95 0	ARADIGM CORP	PUT	
03852U 10 6 *	ARAMARK	COM	
03852U 90 6	ARAMARK	CALL	
03852U 95 6	ARAMARK	PUT	
03874P 10 1 *	ARATANA THERAPEUTICS INC	COM	
03874P 90 1	ARATANA THERAPEUTICS INC	CALL	
03874P 95 1	ARATANA THERAPEUTICS INC	PUT	
03879J 10 0 *	ARBUTUS BIOPHARMA CORP	COM	
03879J 90 0	ARBUTUS BIOPHARMA CORP	CALL	
03879J 95 0	ARBUTUS BIOPHARMA CORP	PUT	
03879N 10 1	ARC LOGISTICS PARTNERS LP	COM UT REP LPN	
03890D 10 8 *	ARAVIVE INC	COM	ADDED
03890D 90 8	ARAVIVE INC	CALL	ADDED
03890D 95 8	ARAVIVE INC	PUT	ADDED
038923 AA 6	ARBOR RLTY TR INC	NOTE 6.500%10/0	
038923 AB 4	ARBOR RLTY TR INC	NOTE 5.375%11/1	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
038923 10 8 *	ARBOR RLTY TR INC	COM	
038923 90 8	ARBOR RLTY TR INC	CALL	
038923 95 8	ARBOR RLTY TR INC	PUT	
039014 20 4	ARCADIA BIOSCIENCES INC	COM NEW	
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	
039380 40 7 *	ARCH COAL INC	CL A	
039380 90 7	ARCH COAL INC	CALL	
039380 95 7	ARCH COAL INC	PUT	
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 10 0	ARCIMOTO INC	COM	
03965L 10 0 *	ARCONIC INC	COM	
03965L 90 0	ARCONIC INC	CALL	
03965L 95 0	ARCONIC INC	PUT	
039653 10 0 *	ARCOSA INC	COM	ADDED
039653 90 0	ARCOSA INC	CALL	ADDED
039653 95 0	ARCOSA INC	PUT	ADDED
03969F 10 9 *	ARCUS BIOSCIENCES INC	COM	
03969F 90 9	ARCUS BIOSCIENCES INC	CALL	
03969F 95 9	ARCUS BIOSCIENCES INC	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	ADDED
03990B 90 1	ARES MANAGEMENT CORPORATION	CALL	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03990B 95 1	ARES MANAGEMENT CORPORATION	PUT	ADDED
040047 60 7 *	ARENA PHARMACEUTICALS INC	COM NEW	
040047 90 7	ARENA PHARMACEUTICALS INC	CALL	
040047 95 7	ARENA PHARMACEUTICALS INC	PUT	
04010E 10 9 *	ARGAN INC	COM	
04010E 90 9	ARGAN INC	CALL	
04010E 95 9	ARGAN INC	PUT	
04010L AM 5	ARES CAP CORP	NOTE 4.375% 1/1	
04010L AT 0	ARES CAP CORP	NOTE 3.750% 2/0	
04010L 10 3 *	ARES CAP CORP	COM	
04010L 90 3	ARES CAP CORP	CALL	
04010L 95 3	ARES CAP CORP	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	
04014Y 10 1 *	ARES MGMT LP	COM SHS REG INT	DELETED
04014Y 90 1	ARES MGMT LP	CALL	DELETED
04014Y 95 1	ARES MGMT LP	PUT	DELETED
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	
040413 10 6 *	ARISTA NETWORKS INC	COM	
040413 90 6	ARISTA NETWORKS INC	CALL	
040413 95 6	ARISTA NETWORKS INC	PUT	
040712 10 1	ARK RESTAURANTS CORP	COM	
041356 20 5 *	ARLINGTON ASSET INVT CORP	CL A NEW	
041356 90 5	ARLINGTON ASSET INVT CORP	CALL	
041356 95 5	ARLINGTON ASSET INVT 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04208T 90 8	ARMADA HOFFLER PPTYS INC	CALL	
04208T 95 8	ARMADA HOFFLER PPTYS 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	
04238R 10 6 *	ARMSTRONG FLOORING INC	COM	
04238R 90 6	ARMSTRONG FLOORING INC	CALL	
04238R 95 6	ARMSTRONG FLOORING 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	
042682 20 3 *	AROTECH CORP	COM NEW	
042682 90 3	AROTECH CORP	CALL	
042682 95 3	AROTECH CORP	PUT	
04269E 10 7 *	ARQULE INC	COM	
04269E 90 7	ARQULE INC	CALL	
04269E 95 7	ARQULE INC	PUT	
04269X AB 1	ARRAY BIOPHARMA INC	NOTE 2.625%12/0	
04269X 10 5 *	ARRAY BIOPHARMA INC	COM	
04269X 90 5	ARRAY BIOPHARMA INC	CALL	
04269X 95 5	ARRAY BIOPHARMA INC	PUT	
04273H 10 4 *	ARROW ETF TR	ARROW DJ GLB YLD	
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 68 5	ARROW INVTS TR	DWA COUNTRY ETF	
042765 69 3	ARROW INVTS TR	DOGS OF THE	
042765 71 9	ARROW INVTS TR	RESV CAP ETF	
042765 78 4	ARROW INVTS TR	QVM EQT FACTOR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
042765 79 2	ARROW INVTS TR	DWA TACTICAL ETF	
04280A 10 0 *	ARROWHEAD PHARMACEUTICALS IN	COM	
04280A 90 0	ARROWHEAD PHARMACEUTICALS IN	CALL	
04280A 95 0	ARROWHEAD PHARMACEUTICALS IN	PUT	
042873 10 9	ARSANIS INC	COM	
043113 20 8 *	ARTESIAN RESOURCES CORP	CL A	
043113 90 8	ARTESIAN RESOURCES CORP	CALL	
043113 95 8	ARTESIAN RESOURCES CORP	PUT	
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	
04335A 10 5	ARVINAS INC	COM	
043353 AH 4	ARVINMERITOR INC	FRNT 4.000% 2/1	
04341Y 10 5 *	ASANKO GOLD INC	COM	
04341Y 90 5	ASANKO GOLD INC	CALL	
04341Y 95 5	ASANKO GOLD 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	
04351G 10 1 *	ASCENA RETAIL GROUP INC	COM	
04351G 90 1	ASCENA RETAIL GROUP INC	CALL	
04351G 95 1	ASCENA RETAIL 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	
043632 AA 6	ASCENT CAP GROUP INC	NOTE 4.000% 7/1	
043632 10 8 *	ASCENT CAP GROUP INC	COM SER A	
043632 90 8	ASCENT CAP GROUP INC	CALL	
043632 95 8	ASCENT CAP GROUP INC	PUT	
044103 10 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
044186 10 4 *	ASHLAND GLOBAL HLDGS INC	COM	
044186 90 4	ASHLAND GLOBAL HLDGS INC	CALL	
044186 95 4	ASHLAND GLOBAL HLDGS INC	PUT	
044901 10 6 *	ASIA PAC FD INC	COM	
044901 90 6	ASIA PAC FD INC	CALL	
044901 95 6	ASIA PAC FD INC	PUT	
04522R 10 1	ASLAN PHARMACEUTICALS LTD	ADS	
04523Y 10 5	ASPEN AEROGELS INC	COM	
04530L 20 3	ASPEN GROUP INC	COM NEW	
045327 10 3 *	ASPEN TECHNOLOGY INC	COM	
045327 90 3	ASPEN TECHNOLOGY INC	CALL	
045327 95 3	ASPEN TECHNOLOGY INC	PUT	
045396 10 8 *	ASSEMBLY BIOSCIENCES INC	COM	
045396 90 8	ASSEMBLY BIOSCIENCES INC	CALL	
045396 95 8	ASSEMBLY BIOSCIENCES INC	PUT	
04545L 10 7 *	ASSERTIO THERAPEUTICS INC	COM	
04545L 90 7	ASSERTIO THERAPEUTICS INC	CALL	
04545L 95 7	ASSERTIO THERAPEUTICS INC	PUT	
045487 10 5 *	ASSOCIATED BANC CORP	COM	
045487 90 5	ASSOCIATED BANC CORP	CALL	
045487 95 5	ASSOCIATED BANC CORP	PUT	
045487 11 3	ASSOCIATED BANC CORP	*W EXP 11/21/201	DELETED
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	
04621X 20 7	ASSURANT INC	6.50% CONV PFD D	
046220 10 9 *	ASTA FDG INC	COM	
046220 90 9	ASTA FDG INC	CALL	
046220 95 9	ASTA FDG INC	PUT	
046224 10 1 *	ASTEC INDS INC	COM	
046224 90 1	ASTEC INDS INC	CALL	
046224 95 1	ASTEC INDS INC	PUT	
04624N 10 7 *	ASTERIAS BIOTHERAPEUTICS INC	COM SER A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04624N 90 7	ASTERIAS BIOTHERAPEUTICS INC	CALL	
04624N 95 7	ASTERIAS BIOTHERAPEUTICS INC	PUT	
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 20 0 *	ASTROTECH CORP	COM NEW	
046484 90 0	ASTROTECH CORP	CALL	
046484 95 0	ASTROTECH CORP	PUT	
04649U 10 2 *	ASURE SOFTWARE INC	COM	
04649U 90 2	ASURE SOFTWARE INC	CALL	
04649U 95 2	ASURE SOFTWARE INC	PUT	
04650Y 10 0 *	AT HOME GROUP INC	COM	
04650Y 90 0	AT HOME GROUP INC	CALL	
04650Y 95 0	AT HOME GROUP INC	PUT	
046513 10 7 *	ATARA BIOTHERAPEUTICS INC	COM	
046513 90 7	ATARA BIOTHERAPEUTICS INC	CALL	
046513 95 7	ATARA BIOTHERAPEUTICS INC	PUT	
04685N 10 3 *	ATHENEX INC	COM	
04685N 90 3	ATHENEX INC	CALL	
04685N 95 3	ATHENEX INC	PUT	
04685W 10 3 *	ATHENAHEALTH INC	COM	
04685W 90 3	ATHENAHEALTH INC	CALL	
04685W 95 3	ATHENAHEALTH INC	PUT	
04744L 10 6 *	ATHERSYS INC	COM	
04744L 90 6	ATHERSYS INC	CALL	
04744L 95 6	ATHERSYS INC	PUT	
047649 10 8 *	ATKORE INTL GROUP INC	COM	
047649 90 8	ATKORE INTL GROUP INC	CALL	
047649 95 8	ATKORE INTL GROUP INC	PUT	
048209 10 0	ATLANTIC AMERN CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
048269 20 3	ATLANTIC CAP BANCSHARES INC	COM	
04878Q 86 3 *	ATLANTIC PWR CORP	COM NEW	
04878Q 90 3	ATLANTIC PWR CORP	CALL	
04878Q 95 3	ATLANTIC PWR CORP	PUT	
04914Y 10 2 *	ATLANTICUS HLDGS CORP	COM	
04914Y 90 2	ATLANTICUS HLDGS CORP	CALL	
04914Y 95 2	ATLANTICUS HLDGS CORP	PUT	
049164 BH 8	ATLAS AIR WORLDWIDE HLDGS IN	NOTE 2.250% 6/0	
049164 BJ 4	ATLAS AIR WORLDWIDE HLDGS IN	NOTE 1.875% 6/0	
049164 20 5 *	ATLAS AIR WORLDWIDE HLDGS IN	COM NEW	
049164 90 5	ATLAS AIR WORLDWIDE HLDGS IN	CALL	
049164 95 5	ATLAS AIR WORLDWIDE HLDGS IN	PUT	
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 GENETICS INC	COM PAR	
04963C 20 9 *	ATRICURE INC	COM	
04963C 90 9	ATRICURE INC	CALL	
04963C 95 9	ATRICURE INC	PUT	
04965B 10 0	ATOMERA INC	COM	
049836 10 9	ATTIS INDS INC	COM	
049836 11 7	ATTIS INDS INC	*W EXP 01/10/202	
049904 10 5	ATRION CORP	COM	
050473 10 7	AUBURN NATL BANCORP	COM	
05070R 10 4 *	AUDENTES THERAPEUTICS INC	COM	
05070R 90 4	AUDENTES THERAPEUTICS INC	CALL	
05070R 95 4	AUDENTES THERAPEUTICS INC	PUT	
050734 20 1	AUDIOEYE INC	COM NEW	
05156V 10 2 *	AURINIA PHARMACEUTICALS INC	COM	
05156V 90 2	AURINIA PHARMACEUTICALS INC	CALL	
05156V 95 2	AURINIA PHARMACEUTICALS INC	PUT	
05156X 10 8 *	AURORA CANNABIS INC	COM	ADDED
05156X 90 8	AURORA CANNABIS INC	CALL	ADDED
05156X 95 8	AURORA CANNABIS INC	PUT	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
051857 10 0	AURORA MOBILE LTD	ADS	
05208W 10 8	AURYN RES INC	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 ADR RP CL A	
05278C 90 7	AUTOHOME INC	CALL	
05278C 95 7	AUTOHOME INC	PUT	
05280R 10 0	AUTOLUS THERAPEUTICS PLC	SPON ADS	
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	
053332 10 2 *	AUTOZONE INC	COM	
053332 90 2	AUTOZONE INC	CALL	
053332 95 2	AUTOZONE INC	PUT	
05335B 10 0 *	AUTOWEB INC	COM	
05335B 90 0	AUTOWEB INC	CALL	
05335B 95 0	AUTOWEB INC	PUT	
05337M 10 4 *	AVADEL PHARMACEUTICALS PLC	SPONSORED ADR	
05337M 90 4	AVADEL PHARMACEUTICALS PLC	CALL	
05337M 95 4	AVADEL PHARMACEUTICALS PLC	PUT	
05338G 10 6 *	AVALARA INC	COM	
05338G 90 6	AVALARA INC	CALL	
05338G 95 6	AVALARA INC	PUT	
05343P 10 9	AVALON HLDGS CORP	CL A	
05344R 10 4	AVALON GLOBOCARE CORP	COM	ADDED
053484 10 1 *	AVALONBAY CMNTYS INC	COM	
053484 90 1	AVALONBAY CMNTYS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
05351W 10 3 *	AVANGRID INC	COM	
05351W 90 3	AVANGRID INC	CALL	
05351W 95 3	AVANGRID INC	PUT	
05351X 10 1 *	AVAYA HLDGS CORP	COM	
05351X 90 1	AVAYA HLDGS CORP	CALL	
05351X 95 1	AVAYA HLDGS CORP	PUT	
053588 10 9 *	AVEO PHARMACEUTICALS INC	COM	
053588 90 9	AVEO PHARMACEUTICALS INC	CALL	
053588 95 9	AVEO PHARMACEUTICALS INC	PUT	
05360L 20 5	AVENUE THERAPEUTICS INC	COM NEW	
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	
05367G 10 0 *	AVIANCA HLDGS SA	SPON ADR REP PFD	
05367G 90 0	AVIANCA HLDGS SA	CALL	
05367G 95 0	AVIANCA HLDGS SA	PUT	
05367P AB 6	AVID TECHNOLOGY INC	NOTE 2.000% 6/1	
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	
053734 20 8	AVINGER INC	COM NEW	
053774 10 5 *	AVIS BUDGET GROUP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05379B 95 7	AVISTA CORP	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	
054303 10 2 *	AVON PRODS INC	COM	
054303 90 2	AVON PRODS INC	CALL	
054303 95 2	AVON PRODS INC	PUT	
05453N 10 0 *	AWARE INC MASS	COM	
05453N 90 0	AWARE INC MASS	CALL	
05453N 95 0	AWARE INC MASS	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	
054561 10 5 *	AXA EQUITABLE HLDGS INC	COM	
054561 90 5	AXA EQUITABLE HLDGS INC	CALL	
054561 95 5	AXA EQUITABLE HLDGS 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 FINL INC	COM	
05465C 90 0	AXOS FINL INC	CALL	
05465C 95 0	AXOS FINL INC	PUT	
05465P 10 1	AXONICS MODULATION TECH INC	COM	ADDED
054754 70 0	AYTU BIOSCIENCE INC	COM PAR	
05491N 10 4	BBX CAP CORP NEW	CL A	
054937 10 7 *	BB&T CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
054937 90 7	BB&T CORP	CALL	
054937 95 7	BB&T CORP	PUT	
05501U 10 6 *	AZUL S A	SPONSR ADR PFD	
05501U 90 6	AZUL S A	CALL	
05501U 95 6	AZUL S A	PUT	
05502L 10 5	AZURRX BIOPHARMA INC	COM	
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	
05541T 10 1 *	BGC PARTNERS INC	CL A	
05541T 90 1	BGC PARTNERS INC	CALL	
05541T 95 1	BGC PARTNERS INC	PUT	
05544A 10 9	BG STAFFING INC	COM	
05545E 20 9 *	BHP GROUP PLC	SPONSORED ADS	
05545E 90 9	BHP GROUP PLC	CALL	
05545E 95 9	BHP GROUP PLC	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	
0556EL 10 9 *	BP MIDSTREAM PARTNERS LP	UNIT LTD PTNR	
0556EL 90 9	BP MIDSTREAM PARTNERS LP	CALL	
0556EL 95 9	BP MIDSTREAM PARTNERS LP	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
05573H 10 8	BSB BANCORP INC MD	COM	
05577E 10 1 *	BT GROUP PLC	ADR	
05577E 90 1	BT GROUP PLC	CALL	
05577E 95 1	BT GROUP PLC	PUT	
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 FINL INC	COM	
05580M 90 8	B RILEY FINL INC	CALL	
05580M 95 8	B RILEY FINL INC	PUT	
05591B 10 9 *	BMC STK HLDGS INC	COM	
05591B 90 9	BMC STK HLDGS INC	CALL	
05591B 95 9	BMC STK HLDGS INC	PUT	
05605H 10 0 *	BWX TECHNOLOGIES INC	COM	
05605H 90 0	BWX TECHNOLOGIES INC	CALL	
05605H 95 0	BWX TECHNOLOGIES INC	PUT	
05614L 10 0 *	BABCOCK & WILCOX ENTERPRIS I	COM	
05614L 90 0	BABCOCK & WILCOX ENTERPRIS I	CALL	
05614L 95 0	BABCOCK & WILCOX ENTERPRIS I	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	ADDED
05722G 10 0 *	BAKER HUGHES A GE CO	CL A	
05722G 90 0	BAKER HUGHES A GE CO	CALL	
05722G 95 0	BAKER HUGHES A GE CO	PUT	
057665 20 0 *	BALCHEM CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
058516 10 5 *	BALLANTYNE STRONG INC	COM	
058516 90 5	BALLANTYNE STRONG INC	CALL	
058516 95 5	BALLANTYNE STRONG INC	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	
05945F 10 3	BANCFIRST CORP	COM	
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	
059520 10 6	BANCO DE CHILE	SPONSORED ADS	
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 SA	ADR	
05964H 90 5	BANCO SANTANDER SA	CALL	
05964H 95 5	BANCO SANTANDER SA	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 S A	SPONSORED ADS B	
05969B 90 3	BANCO SANTANDER MEXICO S A	CALL	
05969B 95 3	BANCO SANTANDER MEXICO S A	PUT	
059695 10 6	BANCROFT FUND LTD	COM	
05970V 10 6	BANCORP 34 INC	COM	
05971J 10 2 *	BANCORPSOUTH BK TUPELO MISS	COM	
05971J 90 2	BANCORPSOUTH BK TUPELO MISS	CALL	
05971J 95 2	BANCORPSOUTH BK TUPELO MISS	PUT	
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	
059915 10 8	BANCORP NEW JERSEY INC NEW	COM	
060505 10 4 *	BANK AMER CORP	COM	
060505 90 4	BANK AMER CORP	CALL	
060505 95 4	BANK AMER CORP	PUT	
060505 14 6	BANK AMER CORP	*W EXP 01/16/201	
060505 15 3	BANK AMER CORP	*W EXP 10/28/201	DELETED
060505 68 2	BANK AMER CORP	7.25%CNV PFD L	
06211J 10 0	BANK FIRST NATL CORP	COM	ADDED
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 OF MARIN BANCORP	COM	
063671 10 1 *	BANK MONTREAL QUE	COM	
063671 90 1	BANK MONTREAL QUE	CALL	
063671 95 1	BANK MONTREAL QUE	PUT	
063679 10 4	BANK OF MONTREAL	DORSEY WRGHT MLP	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
063679 83 1	BANK OF MONTREAL	INVERSE ETN	
063679 84 9	BANK OF MONTREAL	2X INVERSE LEV	
063679 85 6	BANK OF MONTREAL	2X LEVERAGED	
063679 86 4	BANK OF MONTREAL	MICROSCTRS 3X	
063679 87 2	BANK OF MONTREAL	MICROSECTRS IDX	
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 N S HALIFAX	COM	
064149 90 7	BANK N S HALIFAX	CALL	
064149 95 7	BANK N S HALIFAX	PUT	
06417N 10 3 *	BANK OZK	COM	
06417N 90 3	BANK OZK	CALL	
06417N 95 3	BANK OZK	PUT	
06424J 10 3 *	BANK COMM HLDGS	COM	
06424J 90 3	BANK COMM HLDGS	CALL	
06424J 95 3	BANK COMM HLDGS	PUT	
064520 10 9	BANK PRINCETON NEW JERSEY	COM	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
06738C 77 8 *	BARCLAYS BK PLC	DJUBS CMDT ETN36	
06738C 90 8	BARCLAYS BK PLC	CALL	
06738C 95 8	BARCLAYS BK PLC	PUT	
06738C 79 4	BARCLAYS BK PLC	IPSPGS TTL ETN	
06738E 20 4 *	BARCLAYS PLC	ADR	
06738E 90 4	BARCLAYS PLC	CALL	
06738E 95 4	BARCLAYS PLC	PUT	
06739F JQ 5	BARCLAYS BK PLC	MTNF 10/3	ADDED
06739H 26 3	BARCLAYS BANK PLC	ETN DJUBSLEAD 38	
06739H 31 3 *	BARCLAYS BANK PLC	ETN DJUBSCOCO 38	
06739H 90 3	BARCLAYS BANK PLC	CALL	
06739H 95 3	BARCLAYS BANK PLC	PUT	
06739H 36 2	BARCLAYS BANK PLC	ADR PFD SR 5	DELETED
06740C 33 7	BARCLAYS BK PLC	S&P 500 VEQTOR	
06740D 83 0	BARCLAYS BK PLC	RTRN DISABILIT	
06740L 44 4	BARCLAYS BK PLC	30 YR TREAS BEAR	
06740L 45 1	BARCLAYS BK PLC	10 YR TREAS BEAR	
06740L 46 9	BARCLAYS BK PLC	2 YR TREAS BULL	
06740L 47 7	BARCLAYS BK PLC	US TRES STEEP	
06740L 48 5	BARCLAYS BK PLC	US TRES FLATT	
06740L 49 3	BARCLAYS BK PLC	10 YR TREAS BULL	
06740L 51 9	BARCLAYS BK PLC	2 YR TREAS BEAR	
06740L 52 7	BARCLAYS BK PLC	30 YR TREAS BULL	DELETED
06740P 11 4	BARCLAYS BK PLC	IPTH PURE BRD	
06740P 22 1	BARCLAYS BK PLC	IPTH CRUDE OIL	
06740P 64 3	BARCLAYS BK PLC	TRES 5YR BEAR	
06740P 65 0	BARCLAYS BK PLC	TRES 5YR BULL	
06740Q 26 0 *	BARCLAYS BK PLC	IPATH S&P MT ETN	
06740Q 90 0	BARCLAYS BK PLC	CALL	
06740Q 95 0	BARCLAYS BK PLC	PUT	
06741J 7V 5	BARCLAYS BANK PLC	MTNF 9/2	ADDED
06741L 60 9	BARCLAYS BK PLC	IPATH DYNM VIX	
06742A 66 9	BARCLAYS BK PLC	BARC ETN+SHILL	
06742A 75 0 *	BARCLAYS BK PLC	IPATH S&P MLP	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
06742A 90 0	BARCLAYS BK PLC	CALL	
06742A 95 0	BARCLAYS BK PLC	PUT	
06742C 72 3	BARCLAYS BK PLC	ETN+ SEL MLP	
06742W 43 0	BARCLAYS BK PLC	LKD PERF BCLY	
06742W 57 0	BARCLAYS BK PLC	INV USTREA ETN	
06744M 83 6	BARCLAYS BK PLC	NT LKD SER B26	
06745R 69 3 *	BARCLAYS BK PLC	IPATH SER B GSCI	
06745R 90 3	BARCLAYS BK PLC	CALL	
06745R 95 3	BARCLAYS BK PLC	PUT	
06745T 36 8	BARCLAYS BK PLC	IPATH B BG ETN	
06746L 42 2 *	BARCLAYS BK PLC	IPATH S&P500 VIX	
06746L 90 2	BARCLAYS BK PLC	CALL	
06746L 95 2	BARCLAYS BK PLC	PUT	
06746P 43 1	BARCLAYS BK PLC	IPATH B TIN SUB	
06746P 44 9 *	BARCLAYS BK PLC	IPATH B SUGR SUB	
06746P 90 9	BARCLAYS BK PLC	CALL	
06746P 95 9	BARCLAYS BK PLC	PUT	
06746P 45 6	BARCLAYS BK PLC	IPATH B SFTS SUB	
06746P 46 4	BARCLAYS BK PLC	IPATH B PRECIOUS	
06746P 47 2	BARCLAYS BK PLC	IPATH B PLATINUM	
06746P 48 0	BARCLAYS BK PLC	IPATH B NICKEL	
06746P 49 8 *	BARCLAYS BK PLC	IPATH B LIVESTCK	
06746P 90 8	BARCLAYS BK PLC	CALL	
06746P 95 8	BARCLAYS BK PLC	PUT	
06746P 51 4	BARCLAYS BK PLC	IPATH B INDL MTL	
06746P 52 2 *	BARCLAYS BK PLC	IPATH B GRAINS	
06746P 90 2	BARCLAYS BK PLC	CALL	
06746P 95 2	BARCLAYS BK PLC	PUT	
06746P 53 0	BARCLAYS BK PLC	IPATH B ENERGY	
06746P 54 8 *	BARCLAYS BK PLC	IPATH B COTTON	
06746P 90 8	BARCLAYS BK PLC	CALL	
06746P 95 8	BARCLAYS BK PLC	PUT	
06746P 55 5 *	BARCLAYS BK PLC	IPATH B COPPER	
06746P 90 5	BARCLAYS BK PLC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
06746P 95 5	BARCLAYS BK PLC	PUT	
06746P 56 3 *	BARCLAYS BK PLC	IPATH B COFFEE	
06746P 90 3	BARCLAYS BK PLC	CALL	
06746P 95 3	BARCLAYS BK PLC	PUT	
06746P 57 1	BARCLAYS BK PLC	IPATH B ALUMI	
06746P 58 9	BARCLAYS BK PLC	IPATH B AGRICULTR	
06746P 61 3 *	BARCLAYS BK PLC	IPATH B MID TRM	
06746P 90 3	BARCLAYS BK PLC	CALL	
06746P 95 3	BARCLAYS BK PLC	PUT	
06746P 62 1 *	BARCLAYS BK PLC	IPATH B SHRT TRM	
06746P 90 1	BARCLAYS BK PLC	CALL	
06746P 95 1	BARCLAYS BK PLC	PUT	
06746Q 24 9	BARCLAYS BK PLC	ENHANCED GLBL B	
06746Q 25 6	BARCLAYS BK PLC	ENHANCED EURP C	
06759L 10 3 *	BARINGS BDC INC	COM	
06759L 90 3	BARINGS BDC INC	CALL	
06759L 95 3	BARINGS BDC INC	PUT	
06759V 10 1	BARINGTON HILCO ACQUISITION	COM	DELETED
06759V 11 9	BARINGTON HILCO ACQUISITION	RIGHT 08/11/2017	DELETED
06759V 12 7	BARINGTON HILCO ACQUISITION	*W EXP 02/11/202	DELETED
06759V 20 0	BARINGTON HILCO ACQUISITION	UNIT 99/99/9999T	DELETED
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	
067774 10 9 *	BARNES & NOBLE INC	COM	
067774 90 9	BARNES & NOBLE INC	CALL	
067774 95 9	BARNES & NOBLE INC	PUT	
067806 10 9 *	BARNES GROUP INC	COM	
067806 90 9	BARNES GROUP INC	CALL	
067806 95 9	BARNES GROUP INC	PUT	
067901 10 8 *	BARRICK GOLD CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
067901 90 8	BARRICK GOLD CORP	CALL	
067901 95 8	BARRICK GOLD CORP	PUT	
068221 10 0	BARNWELL INDS INC	COM	
06846N AA 2	BARRETT BILL CORP	NOTE 5.000% 3/1	DELETED
068463 10 8 *	BARRETT BUSINESS SERVICES IN	COM	
068463 90 8	BARRETT BUSINESS SERVICES IN	CALL	
068463 95 8	BARRETT BUSINESS SERVICES IN	PUT	
06985P 20 9 *	BASIC ENERGY SVCS INC NEW	COM NEW	
06985P 90 9	BASIC ENERGY SVCS INC NEW	CALL	
06985P 95 9	BASIC ENERGY SVCS INC NEW	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	
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	
07317Q 10 5 *	BAYTEX ENERGY CORP	COM	
07317Q 90 5	BAYTEX ENERGY CORP	CALL	
07317Q 95 5	BAYTEX ENERGY CORP	PUT	
07329M 10 0 *	BBVA BANCO FRANCES S A	SPONSORED ADR	
07329M 90 0	BBVA BANCO FRANCES S A	CALL	
07329M 95 0	BBVA BANCO FRANCES S A	PUT	
073685 10 9 *	BEACON ROOFING SUPPLY INC	COM	
073685 90 9	BEACON ROOFING SUPPLY INC	CALL	
073685 95 9	BEACON ROOFING SUPPLY INC	PUT	
074014 10 1	BEASLEY BROADCAST GROUP INC	CL A	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
075887 90 9	BECTON DICKINSON & CO	CALL	
075887 95 9	BECTON DICKINSON & CO	PUT	
075887 20 8	BECTON DICKINSON & CO	PFD SHS CONV A	
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	
078314 50 7 *	BELLATRIX EXPLORATION LTD	COM NEW	
078314 90 7	BELLATRIX EXPLORATION LTD	CALL	
078314 95 7	BELLATRIX EXPLORATION LTD	PUT	
078771 10 2	BELLEROPHON THERAPEUTICS INC	COM	
079481 10 7 *	BELLICUM PHARMACEUTICALS INC	COM	
079481 90 7	BELLICUM PHARMACEUTICALS INC	CALL	
079481 95 7	BELLICUM PHARMACEUTICALS INC	PUT	
081437 10 5 *	BEMIS INC	COM	
081437 90 5	BEMIS INC	CALL	
081437 95 5	BEMIS INC	PUT	
08160H 10 1 *	BENCHMARK ELECTRS INC	COM	
08160H 90 1	BENCHMARK ELECTRS INC	CALL	
08160H 95 1	BENCHMARK ELECTRS INC	PUT	
08171T 10 2 *	BENEFICIAL BANCORP INC	COM	
08171T 90 2	BENEFICIAL BANCORP INC	CALL	
08171T 95 2	BENEFICIAL BANCORP INC	PUT	
08180D 10 6 *	BENEFITFOCUS INC	COM	
08180D 90 6	BENEFITFOCUS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
08180D 95 6	BENEFITFOCUS INC	PUT	
082053 11 7	BENITEC BIOPHARMA LTD	*W EXP 08/14/202	
082053 30 7	BENITEC BIOPHARMA LTD	SPONS ADR NEW	
084423 10 2 *	W R BERKLEY CORPORATION	COM	
084423 90 2	W R BERKLEY CORPORATION	CALL	
084423 95 2	W R BERKLEY CORPORATION	PUT	
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 PETE CORP	COM	
086516 10 1 *	BEST BUY INC	COM	
086516 90 1	BEST BUY INC	CALL	
086516 95 1	BEST BUY INC	PUT	
08653C 10 6 *	BEST INC	SPONSORED ADS	
08653C 90 6	BEST INC	CALL	
08653C 95 6	BEST INC	PUT	
088606 10 8 *	BHP GROUP LIMITED	SPONSORED ADS	
088606 90 8	BHP GROUP LIMITED	CALL	
088606 95 8	BHP GROUP LIMITED	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	
089482 10 3	BIG ROCK PARTNERS ACQUI SI CO	COM	
089482 11 1	BIG ROCK PARTNERS ACQUI SI CO	*W EXP 12/01/202	

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089482 12 9	BIG ROCK PARTNERS ACQUI SI CO	RIGHT 12/01/2022	
089482 20 2	BIG ROCK PARTNERS ACQUI SI CO	UNIT 11/20/2022	
08986R 30 9	BIGLARI HLDGS INC	COM STK CL B	
08986R 40 8	BIGLARI HLDGS INC	COM STK CL A	
090040 10 6 *	BILIBILI INC	SPONS ADS REP Z	
090040 90 6	BILIBILI INC	CALL	
090040 95 6	BILIBILI INC	PUT	
09057N 20 1	BIO PATH HOLDINGS INC	COM NEW	
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	
09058M 10 3	BIOANALYTICAL SYS INC	COM	
09058V 10 3 *	BIOCRYST PHARMACEUTICALS	COM	
09058V 90 3	BIOCRYST PHARMACEUTICALS	CALL	
09058V 95 3	BIOCRYST PHARMACEUTICALS	PUT	
09060C 30 9	BIO-KEY INTERNATIONAL INC	COM PAR	
09060J 10 6 *	BIODELIVERY SCIENCES INTL IN	COM	
09060J 90 6	BIODELIVERY SCIENCES INTL IN	CALL	
09060J 95 6	BIODELIVERY SCIENCES INTL IN	PUT	
09061G AE 1	BIOMARIN PHARMACEUTICAL INC	NOTE 0.750%10/1	DELETED
09061G AF 8	BIOMARIN PHARMACEUTICAL INC	NOTE 1.500%10/1	
09061G AH 4	BIOMARIN PHARMACEUTICAL INC	NOTE 0.599% 8/0	
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	
09062W 20 4	BIOLIFE SOLUTIONS INC	COM NEW	
09062X 10 3 *	BIOGEN INC	COM	
09062X 90 3	BIOGEN INC	CALL	
09062X 95 3	BIOGEN INC	PUT	
09066L 10 5 *	BIOTIME INC	COM	
09066L 90 5	BIOTIME INC	CALL	
09066L 95 5	BIOTIME INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
090672 10 6 *	BIOTELEMETRY INC	COM	
090672 90 6	BIOTELEMETRY INC	CALL	
090672 95 6	BIOTELEMETRY INC	PUT	
09069N 10 8 *	BIOSCRIP INC	COM	
09069N 90 8	BIOSCRIP INC	CALL	
09069N 95 8	BIOSCRIP INC	PUT	
09071M 10 6	BIOLINERX LTD	SPONSORED ADS	
09072V 40 2 *	BIOCEPT INC	COM PAR	
09072V 90 2	BIOCEPT INC	CALL	
09072V 95 2	BIOCEPT INC	PUT	
09072X 10 1	BIOPHARMX CORP	COM	
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 TECH INC	COM NEW	
09073Q 10 5	BIONDVAX PHARMACEUTICALS LTD	SPOND ADS	
09073Q 11 3	BIONDVAX PHARMACEUTICALS LTD	*W EXP 05/15/202	
09074B 10 7	BIOHITECH GLOBAL INC	COM	
09075F 10 7	BIONANO GENOMICS INC	COM	
09075F 11 5	BIONANO GENOMICS INC	*W EXP 08/21/202	
09075G 10 5	BIOFRONTERA AG	SPONSORED ADS	
09075P 10 5	BIOXCEL THERAPEUTICS INC	COM	
09088U 10 9	BIRKS GROUP INC	CL A COM	
090911 20 7	BIOLASE INC	COM NEW	
090931 10 6	BIOSPECIFICS TECHNOLOGIES CO	COM	
091727 10 7 *	BITAUTO HLDGS LTD	SPONSORED ADS	
091727 90 7	BITAUTO HLDGS LTD	CALL	
091727 95 7	BITAUTO HLDGS LTD	PUT	
09180A 10 0	BK TECHNOLOGIES INC	COM	
09180C 10 6 *	BJS RESTAURANTS INC	COM	
09180C 90 6	BJS RESTAURANTS INC	CALL	
09180C 95 6	BJS RESTAURANTS INC	PUT	
091826 10 7 *	BLACK BOX CORP DEL	COM	
091826 90 7	BLACK BOX CORP DEL	CALL	

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091826 95 7	BLACK BOX CORP DEL	PUT	
091941 10 4	BLACKROCK FLOATING RATE INCO	COM	
092113 10 9 *	BLACK HILLS CORP	COM	
092113 90 9	BLACK HILLS CORP	CALL	
092113 95 9	BLACK HILLS CORP	PUT	
092113 12 5	BLACK HILLS CORP	UNIT 99/99/9999	DELETED
09215C 10 5 *	BLACK KNIGHT INC	COM	
09215C 90 5	BLACK KNIGHT INC	CALL	
09215C 95 5	BLACK KNIGHT INC	PUT	
09216T 10 7	BLACK RIDGE ACQUISITION CORP	COM	
09216T 11 5	BLACK RIDGE ACQUISITION CORP	*W EXP 07/10/202	
09216T 12 3	BLACK RIDGE ACQUISITION CORP	RIGHT 07/10/2019	
09216T 20 6	BLACK RIDGE ACQUISITION CORP	UNIT 10/05/2022	
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 AF 0	BLACKBERRY LTD	DBCW 3.750%11/1	
09228F 10 3 *	BLACKBERRY LTD	COM	
09228F 90 3	BLACKBERRY LTD	CALL	
09228F 95 3	BLACKBERRY LTD	PUT	
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 10 0	BLACKROCK INCOME TR INC	COM	
09247X 10 1 *	BLACKROCK INC	COM	
09247X 90 1	BLACKROCK INC	CALL	
09247X 95 1	BLACKROCK INC	PUT	
092479 10 4	BLACKROCK MUNICIPL INC QLTY	COM	
09248C 10 6	BLACKROCK MUNI 2018 TERM TR	COM	DELETED
09248D 10 4	BLACKROCK UTILITIES INFRSTRC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09248E 10 2	BLACKROCK CALIF MUN INCOME T	SH BEN INT	
09248F 10 9	BLACKROCK MUN INCOME TR	SH BEN INT	
09248H 10 5	BLACKROCK MUNIC INCM INVST T	SH BEN INT	
09248K 10 8	BLACKROCK NY MUNI 2018 TERM	COM	DELETED
09248L 10 6	BLACKROCK N Y MUN INCOME TR	SH BEN INT	
09248T 10 9	BLACKROCK STRATEGIC MUN TR	COM	
09248X 10 0	BLACKROCK TAX MUNICIPAL BD TR	SHS	
092481 10 0	BLACKROCK VA MUNICIPAL BOND	COM	
09249C 10 5	BLACKROCK CA MUNI 2018 TERM	COM	DELETED
09249E 10 1	BLACKROCK CORE BD TR	SHS BEN INT	
09249H 10 4	BLACKROCK MUNICIPAL BOND TR	COM	
09249L 10 5	BLACKROCK MD MUNICIPAL BOND	COM	
09249N 10 1	BLACKROCK MUNI INCOME TR II	COM	
09249P 10 6	BLACKROCK NY MUNICIPAL BOND	COM	
09249R 10 2	BLACKROCK NY MUN INCOME TR I	COM	
09249U 10 5	BLACKROCK NY MUNI INC QLTY T	COM	
09249W 10 1	BLACKROCK LTD DURATION INC T	COM SHS	
09249X 10 9	BLACKROCK MUN 2020 TERM TR	COM SHS	
09250B 10 3	BLACKROCK LONG-TERM MUNI ADV	COM	
09250G 10 2	BLACKROCK MUNI INCOME INV QL	COM	
09250M 10 9	BLACKROCK FLA MUN 2020 TERM	COM SHS	
09250U 10 1	BLACKROCK ENERGY & RES TR	COM	
09250W 10 7	BLACKROCK HEALTH SCIENCES TR	COM	
092501 10 5	BLACKROCK ENHANCED GBL DIV T	COM	
092508 10 0	BLACKROCK CR ALLCTN INC TR	COM	
09251A 10 4	BLACKROCK ENHANCED EQT DIV T	COM	
092524 10 7	BLACKROCK ENHANCED INTL DIV	COM BENE INTER	
09253N 10 4	BLACKROCK MUNIHOLDINGS FD IN	COM	
09253P 10 9	BLACKROCK MUNIHLDGS FD II IN	COM	
09253R 10 5	BLACKROCK MUNIVEST FD INC	COM	
09253T 10 1	BLACKROCK MUNIVEST FD II INC	COM	
09253U 10 8 *	BLACKSTONE GROUP L P	COM UNIT LTD	
09253U 90 8	BLACKSTONE GROUP L P	CALL	
09253U 95 8	BLACKSTONE GROUP L P	PUT	

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09253W 10 4	BLACKROCK MUNIYIELD FD INC	COM	
09253X 10 2	BLACKROCK MUNI INTER DR FD I	COM	
09253Y 10 0	BLACKROCK MUNIENHANCED FD IN	COM	
092533 AC 2	BLACKROCK CAPITAL INVESTMENT	NOTE 5.000% 6/1	
092533 10 8 *	BLACKROCK CAPITAL INVESTMENT	COM	
092533 90 8	BLACKROCK CAPITAL INVESTMENT	CALL	
092533 95 8	BLACKROCK CAPITAL INVESTMENT	PUT	
09254A 10 1	BLACKROCK MUNIHOLDNGS QLTY I	COM	
09254C 10 7	BLACKROCK MUNIHLDNGS QLTY II	COM	
09254E 10 3	BLACKROCK MUNIYIELD QLTY FD	COM	
09254F 10 0	BLACKROCK MUNIYIELD QUALITY	COM	
09254G 10 8	BLACKROCK MUNIY QUALITY FD I	COM	
09254J 10 2	BLACKROCK MUNIASSETS FD INC	COM	
09254K 10 9	BLACKROCK MUNIYIELD ARIZ FD	COM	
09254L 10 7	BLACKROCK MUNIHLDNGS CALI QL	COM	
09254M 10 5	BLACKROCK MUNIYIELD CALIF FD	COM	
09254N 10 3	BLACKROCK MUNIYIELD CALI QLT	COM	
09254P 10 8	BLACKROCK MUNIHLDS INVSTM QL	COM	
09254R 10 4	BLACKROCK MUNIYIELD INVST FD	COM	
09254T 10 0	BLACKROCK MUNIYLD INVST QLTY	COM	
09254V 10 5	BLACKROCK MUNIYLD MICH QLTY	COM	
09254X 10 1	BLACKROCK MUNIHLDGS NJ QLTY	COM	
09254Y 10 9	BLACKROCK MUNIYIELD N J FD I	COM	
09255C 10 6	BLACKROCK MUNIHLDGS NY QLTY	COM	
09255E 10 2	BLACKROCK MUNIYIELD NY QLTY	COM	
09255F 10 9	BLACKROCK MUNI N Y INTER DUR	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 STRAT FD INC	COM NEW	
09255X 10 0	BLACKROCK FLOAT RATE OME STR	COM	
09256A 10 9	BLACKROCK ENH CAP & INC FD I	COM	
09256U 10 5	BLACKSTONE GSO FLTNG RTE FU	COM	
09257A 10 8	BLACKROCK RES & COMM STRAT T	SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09257D 10 2	BLACKSTONE GSO LNG SHRT CR I	COM SHS BN INT	
09257P 10 5 *	BLACKROCK MUN 2030 TAR TERM	COM SHS BEN IN	
09257P 90 5	BLACKROCK MUN 2030 TAR TERM	CALL	
09257P 95 5	BLACKROCK MUN 2030 TAR TERM	PUT	
09257R 10 1	BLACKSTONE GSO STRATEGIC CR	COM SHS BEN IN	
09257W AB 6	BLACKSTONE MTG TR INC	NOTE 4.375% 5/0	
09257W AC 4	BLACKSTONE MTG TR INC	NOTE 4.750% 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	
09258E 10 9	BLACKROCK MASS TAX-EXEMPT TR	SH BEN INT	
09258G 10 4	BLACKROCK SCIENCE & TECH TR	SHS	
09258P 10 4	BLACKROCK 2022 GBL INCM OPP	COM	
09259E 10 8 *	BLACKROCK TCP CAP CORP	COM	
09259E 90 8	BLACKROCK TCP CAP CORP	CALL	
09259E 95 8	BLACKROCK TCP CAP CORP	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 01/31/202	
093671 10 5 *	BLOCK H & R INC	COM	
093671 90 5	BLOCK H & R INC	CALL	
093671 95 5	BLOCK H & R INC	PUT	
093698 10 8	BLONDER TONGUE LABS INC	COM	
093712 10 7 *	BLOOM ENERGY CORP	COM CL A	
093712 90 7	BLOOM ENERGY CORP	CALL	
093712 95 7	BLOOM ENERGY CORP	PUT	
094235 10 8 *	BLOOMIN BRANDS INC	COM	
094235 90 8	BLOOMIN BRANDS INC	CALL	
094235 95 8	BLOOMIN BRANDS INC	PUT	
095229 10 0 *	BLUCORA INC	COM	
095229 90 0	BLUCORA INC	CALL	
095229 95 0	BLUCORA INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
09523Q 10 1 *	BLUE APRON HLDGS INC	CL A	
09523Q 90 1	BLUE APRON HLDGS INC	CALL	
09523Q 95 1	BLUE APRON HLDGS INC	PUT	
095306 10 6	BLUE BIRD CORP	COM	
095573 10 1 *	BLUE HILLS BANCORP INC	COM	
095573 90 1	BLUE HILLS BANCORP INC	CALL	
095573 95 1	BLUE HILLS BANCORP INC	PUT	
09609G 10 0 *	BLUEBIRD BIO INC	COM	
09609G 90 0	BLUEBIRD BIO INC	CALL	
09609G 95 0	BLUEBIRD BIO INC	PUT	
09624H 20 8 *	BLUELINX HLDGS INC	COM NEW	
09624H 90 8	BLUELINX HLDGS INC	CALL	
09624H 95 8	BLUELINX HLDGS INC	PUT	
09625U 10 9 *	BLUEKNIGHT ENERGY PARTNERS L	COM UNIT	
09625U 90 9	BLUEKNIGHT ENERGY PARTNERS L	CALL	
09625U 95 9	BLUEKNIGHT ENERGY PARTNERS L	PUT	
09627J 10 2 *	BLUEROCK RESIDENTIAL GRW REI	COM CL A	
09627J 90 2	BLUEROCK RESIDENTIAL GRW REI	CALL	
09627J 95 2	BLUEROCK RESIDENTIAL GRW REI	PUT	
09627Y 10 9 *	BLUEPRINT MEDICINES CORP	COM	
09627Y 90 9	BLUEPRINT MEDICINES CORP	CALL	
09627Y 95 9	BLUEPRINT MEDICINES CORP	PUT	
09629F 10 8	BLUEGREEN VACATIONS CORP	COM	
097023 10 5 *	BOEING CO	COM	
097023 90 5	BOEING CO	CALL	
097023 95 5	BOEING CO	PUT	
09739C 10 2 *	BOINGO WIRELESS INC	COM	
09739C 90 2	BOINGO WIRELESS INC	CALL	
09739C 95 2	BOINGO WIRELESS INC	PUT	
09739D 10 0 *	BOISE CASCADE CO DEL	COM	
09739D 90 0	BOISE CASCADE CO DEL	CALL	
09739D 95 0	BOISE CASCADE CO DEL	PUT	
097488 10 0 *	BOJANGLES INC	COM	
097488 90 0	BOJANGLES INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
097488 95 0	BOJANGLES INC	PUT	
097793 40 0 *	BONANZA CREEK ENERGY INC	COM NEW	
097793 90 0	BONANZA CREEK ENERGY INC	CALL	
097793 95 0	BONANZA CREEK ENERGY INC	PUT	
098529 30 8	BONSO ELECTRS INTL INC	COM PAR \$0.003	
09857L 10 8 *	BOOKING HLDGS INC	COM	
09857L 90 8	BOOKING HLDGS INC	CALL	
09857L 95 8	BOOKING HLDGS 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	
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	COM	
101119 10 5 *	BOSTON PRIVATE FINL HLDGS IN	COM	
101119 90 5	BOSTON PRIVATE FINL HLDGS IN	CALL	
101119 95 5	BOSTON PRIVATE FINL HLDGS IN	PUT	
101119 11 3	BOSTON PRIVATE FINL HLDGS IN	*W EXP 11/21/201	DELETED
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	
101388 10 6 *	BOTTOMLINE TECH DEL INC	COM	
101388 90 6	BOTTOMLINE TECH DEL INC	CALL	
101388 95 6	BOTTOMLINE TECH DEL INC	PUT	

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101507 10 1	BOULDER GROWTH & INCOME FD I	COM	
10211F 10 0 *	BOVIE MEDICAL CORP	COM	
10211F 90 0	BOVIE MEDICAL CORP	CALL	
10211F 95 0	BOVIE MEDICAL CORP	PUT	
102565 10 8	BOWL AMER INC	CL A	
10316T 10 4 *	BOX INC	CL A	
10316T 90 4	BOX INC	CALL	
10316T 95 4	BOX INC	PUT	
10319T 20 0	BOXWOOD MERGER CORP	UNIT 11/26/2025	ADDED
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 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	
10501E 20 1 *	BRAINSTORM CELL THERAPEUTICS	COM NEW	
10501E 90 1	BRAINSTORM CELL THERAPEUTICS	CALL	
10501E 95 1	BRAINSTORM CELL THERAPEUTICS	PUT	
105368 20 3 *	BRANDYWINE RLTY TR	SH BEN INT NEW	
105368 90 3	BRANDYWINE RLTY TR	CALL	
105368 95 3	BRANDYWINE RLTY TR	PUT	
10537L 10 4	BRANDYWINEGBL GLBAL INM OPRT	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	
105532 90 5	BRASKEM S A	CALL	
105532 95 5	BRASKEM S A	PUT	
10554B 10 4	BRASILAGRO BRAZILIAN AGRIC R	SPONSORED ADR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
108035 10 6 *	BRIDGE BANCORP INC	COM	
108035 90 6	BRIDGE BANCORP INC	CALL	
108035 95 6	BRIDGE BANCORP INC	PUT	
10807M 10 5 *	BRIDGEPOINT ED INC	COM	
10807M 90 5	BRIDGEPOINT ED INC	CALL	
10807M 95 5	BRIDGEPOINT ED INC	PUT	
10807Q 40 3	BRIDGELINE DIGITAL INC	COM PAR	
108621 10 3	BRIDGEWATER BANCSHARES INC	COM ACCD INV	
108763 10 3	BRIDGFORD FOODS CORP	COM	
109043 10 9 *	BRIGGS & STRATTON CORP	COM	
109043 90 9	BRIGGS & STRATTON CORP	CALL	
109043 95 9	BRIGGS & STRATTON CORP	PUT	
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 10 9	BRIGHT SCHOLAR ED HLDGS LTD	SPONSORED ADS	
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	
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	
110122 AN 8	BRISTOL MYERS SQUIBB CO	DBCV	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	
110394 AF 0	BRISTOW GROUP INC	NOTE 4.500% 6/0	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
110394 10 3 *	BRISTOW GROUP INC	COM	
110394 90 3	BRISTOW GROUP INC	CALL	
110394 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	
11133T 10 3 *	BROADRIDGE FINL SOLUTIONS IN	COM	
11133T 90 3	BROADRIDGE FINL SOLUTIONS IN	CALL	
11133T 95 3	BROADRIDGE FINL SOLUTIONS IN	PUT	
11135F 10 1 *	BROADCOM INC	COM	
11135F 90 1	BROADCOM INC	CALL	
11135F 95 1	BROADCOM INC	PUT	
111412 70 6	BROADVISION INC	COM PAR	
111444 10 5	BROADWAY FINL CORP DEL	COM	
11161T 20 7 *	BROADWIND ENERGY INC	COM NEW	
11161T 90 7	BROADWIND ENERGY INC	CALL	
11161T 95 7	BROADWIND ENERGY INC	PUT	
112463 10 4 *	BROOKDALE SR LIVING INC	COM	
112463 90 4	BROOKDALE SR LIVING INC	CALL	
112463 95 4	BROOKDALE SR LIVING INC	PUT	
112585 10 4 *	BROOKFIELD ASSET MGMT INC	CL A LTD VT SH	
112585 90 4	BROOKFIELD ASSET MGMT INC	CALL	
112585 95 4	BROOKFIELD ASSET MGMT INC	PUT	
11273Q 10 9	BROOKFIELD GLOBL LISTED INFR	COM SHS	
11282X 10 3 *	BROOKFIELD PROPERTY REIT INC	CL A	
11282X 90 3	BROOKFIELD PROPERTY REIT INC	CALL	
11282X 95 3	BROOKFIELD PROPERTY REIT INC	PUT	
112830 10 4	BROOKFIELD REAL ASSETS INCOM	SHS BEN INT	
11373M 10 7 *	BROOKLINE BANCORP INC DEL	COM	
11373M 90 7	BROOKLINE BANCORP INC DEL	CALL	
11373M 95 7	BROOKLINE BANCORP INC DEL	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
114340 10 2 *	BROOKS AUTOMATION INC	COM	
114340 90 2	BROOKS AUTOMATION INC	CALL	
114340 95 2	BROOKS AUTOMATION INC	PUT	
115236 10 1 *	BROWN & BROWN INC	COM	
115236 90 1	BROWN & BROWN INC	CALL	
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	
117665 10 9 *	BRYN MAWR BK CORP	COM	
117665 90 9	BRYN MAWR BK CORP	CALL	
117665 95 9	BRYN MAWR BK CORP	PUT	
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	
118230 10 1 *	BUCKEYE PARTNERS L P	UNIT LTD PARTN	
118230 90 1	BUCKEYE PARTNERS L P	CALL	
118230 95 1	BUCKEYE PARTNERS L P	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	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
120076 90 4	BUILD A BEAR WORKSHOP	CALL	
120076 95 4	BUILD A BEAR WORKSHOP	PUT	
12008R 10 7 *	BUILDERS FIRSTSOURCE INC	COM	
12008R 90 7	BUILDERS FIRSTSOURCE INC	CALL	
12008R 95 7	BUILDERS FIRSTSOURCE INC	PUT	
122017 10 6 *	BURLINGTON STORES INC	COM	
122017 90 6	BURLINGTON STORES INC	CALL	
122017 95 6	BURLINGTON STORES INC	PUT	
12326C 10 5	BUSINESS FIRST BANCSHARES IN	COM	
124411 10 9	BYLINE BANCORP INC	COM	
12466Q 10 4	C & F FINL CORP	COM	
124765 10 8 *	CAE INC	COM	
124765 90 8	CAE INC	CALL	
124765 95 8	CAE INC	PUT	
124769 20 9	CAS MED SYS INC	COM PAR	
12477X 10 6 *	CAI INTERNATIONAL INC	COM	
12477X 90 6	CAI INTERNATIONAL INC	CALL	
12477X 95 6	CAI INTERNATIONAL INC	PUT	
12479G 10 1	CB FINL SVCS INC	COM	
1248XT 10 4	CBM BANCORP INC	COM	
124805 10 2 *	CBIZ INC	COM	
124805 90 2	CBIZ INC	CALL	
124805 95 2	CBIZ INC	PUT	
12481V 10 4	CBTX INC	COM	
124830 10 0 *	CBL & ASSOC PPTYS INC	COM	
124830 90 0	CBL & ASSOC PPTYS INC	CALL	
124830 95 0	CBL & ASSOC PPTYS INC	PUT	
124857 10 3 *	CBS CORP NEW	CL A	
124857 90 3	CBS CORP NEW	CALL	
124857 95 3	CBS CORP NEW	PUT	
124857 20 2 *	CBS CORP NEW	CL B	
124857 90 2	CBS CORP NEW	CALL	
124857 95 2	CBS CORP NEW	PUT	
124867 10 2	CCA INDS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12503M 10 8 *	CBOE GLOBAL MARKETS INC	COM	
12503M 90 8	CBOE GLOBAL MARKETS INC	CALL	
12503M 95 8	CBOE GLOBAL MARKETS INC	PUT	
12504G 10 0	CBRE CLARION GLOBAL REAL EST	COM	
12504L 10 9 *	CBRE GROUP INC	CL A	
12504L 90 9	CBRE GROUP INC	CALL	
12504L 95 9	CBRE GROUP INC	PUT	
12508E 10 1 *	CDK GLOBAL INC	COM	
12508E 90 1	CDK GLOBAL INC	CALL	
12508E 95 1	CDK GLOBAL INC	PUT	
12514G 10 8 *	CDW CORP	COM	
12514G 90 8	CDW CORP	CALL	
12514G 95 8	CDW CORP	PUT	
12514V 20 4	CDTI ADVANCED MATLS INC	COM NEW	DELETED
125141 10 1 *	CECO ENVIRONMENTAL CORP	COM	
125141 90 1	CECO ENVIRONMENTAL CORP	CALL	
125141 95 1	CECO ENVIRONMENTAL CORP	PUT	
125269 10 0 *	CF INDS HLDGS INC	COM	
125269 90 0	CF INDS HLDGS INC	CALL	
125269 95 0	CF INDS HLDGS INC	PUT	
12528N 20 6	CF FIN ACQUISITION CORP	UNIT 04/30/2025	ADDED
12531Q 20 4 *	CGG	SPON ADR NEW	DELETED
12531Q 90 4	CGG	CALL	DELETED
12531Q 95 4	CGG	PUT	DELETED
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	
12542Q 50 8	CHF SOLUTIONS INC	COM NEW	
125509 10 9 *	CIGNA CORPORATION	COM	DELETED
125509 90 9	CIGNA CORPORATION	CALL	DELETED
125509 95 9	CIGNA CORPORATION	PUT	DELETED
125523 10 0 *	CIGNA CORP NEW	COM	ADDED
125523 90 0	CIGNA CORP NEW	CALL	ADDED
125523 95 0	CIGNA CORP NEW	PUT	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
125525 10 5	CIM COML TR CORP	COM	
125581 80 1 *	CIT GROUP INC	COM NEW	
125581 90 1	CIT GROUP INC	CALL	
125581 95 1	CIT GROUP INC	PUT	
12562N 10 4	CKX LANDS INC	COM	
12572Q 10 5 *	CME GROUP INC	COM CL A	
12572Q 90 5	CME GROUP INC	CALL	
12572Q 95 5	CME GROUP INC	PUT	
12574Q 10 3 *	CM FIN INC	COM	
12574Q 90 3	CM FIN INC	CALL	
12574Q 95 3	CM FIN INC	PUT	
125896 10 0 *	CMS ENERGY CORP	COM	
125896 90 0	CMS ENERGY CORP	CALL	
125896 95 0	CMS ENERGY CORP	PUT	
125906 10 7	CSS INDS INC	COM	
125919 30 8 *	CPI AEROSTRUCTURES INC	COM NEW	
125919 90 8	CPI AEROSTRUCTURES INC	CALL	
125919 95 8	CPI AEROSTRUCTURES INC	PUT	
125961 30 0	CTI INDUSTRIES CORP	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	
126132 10 9 *	CNOOC LTD	SPONSORED ADR	
126132 90 9	CNOOC LTD	CALL	
126132 95 9	CNOOC LTD	PUT	
126153 10 5 *	CPFL ENERGIA S A	SPONSORED ADR	
126153 90 5	CPFL ENERGIA S A	CALL	
126153 95 5	CPFL ENERGIA S A	PUT	
12618T 10 5 *	CRA INTL INC	COM	
12618T 90 5	CRA INTL INC	CALL	
12618T 95 5	CRA INTL INC	PUT	

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12619F 10 4	CPS TECHNOLOGIES CORP	COM	
12621E 10 3 *	CNO FINL GROUP INC	COM	
12621E 90 3	CNO FINL GROUP INC	CALL	
12621E 95 3	CNO FINL GROUP INC	PUT	
12626F 10 5	CRH MEDICAL CORP	COM	
12626K 20 3 *	CRH PLC	ADR	
12626K 90 3	CRH PLC	CALL	
12626K 95 3	CRH PLC	PUT	
12634H 20 0 *	CPI CARD GROUP INC	COM NEW	
12634H 90 0	CPI CARD GROUP INC	CALL	
12634H 95 0	CPI CARD GROUP INC	PUT	
126349 AF 6	CSG SYS INTL INC	NOTE 4.250% 3/1	
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	
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 NEW	
12648L 90 1	CTI BIOPHARMA CORP	CALL	
12648L 95 1	CTI BIOPHARMA CORP	PUT	
12649L 10 5 *	CSOP ETF TR	FTSE CHINA A50	
12649L 90 5	CSOP ETF TR	CALL	
12649L 95 5	CSOP ETF TR	PUT	
12649L 20 4	CSOP ETF TR	MSCI CHINA A I	
126501 10 5 *	CTS CORP	COM	
126501 90 5	CTS CORP	CALL	
126501 95 5	CTS CORP	PUT	
12653C 10 8 *	CNX RESOURCES CORPORATION	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12653C 90 8	CNX RESOURCES CORPORATION	CALL	
12653C 95 8	CNX RESOURCES CORPORATION	PUT	
12654A 10 1 *	CNX MIDSTREAM PARTNERS LP	COM UNIT REPST	
12654A 90 1	CNX MIDSTREAM PARTNERS LP	CALL	
12654A 95 1	CNX MIDSTREAM PARTNERS LP	PUT	
126576 20 6 *	CUI GLOBAL INC	COM NEW	
126576 90 6	CUI GLOBAL INC	CALL	
126576 95 6	CUI GLOBAL INC	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 EQUIPMENT CORP	COM	
12662P 10 8 *	CVR ENERGY INC	COM	
12662P 90 8	CVR ENERGY INC	CALL	
12662P 95 8	CVR ENERGY INC	PUT	
12663P 10 7 *	CVR REFNG LP	COMUNIT REP LT	
12663P 90 7	CVR REFNG LP	CALL	
12663P 95 7	CVR REFNG LP	PUT	
126633 10 6 *	CVR PARTNERS LP	COM	
126633 90 6	CVR PARTNERS LP	CALL	
126633 95 6	CVR PARTNERS LP	PUT	
126650 10 0 *	CVS HEALTH CORP	COM	
126650 90 0	CVS HEALTH CORP	CALL	
126650 95 0	CVS HEALTH CORP	PUT	
12673P 10 5 *	CA INC	COM	DELETED
12673P 90 5	CA INC	CALL	DELETED
12673P 95 5	CA INC	PUT	DELETED
12674R 10 0 *	C&J ENERGY SVCS INC NEW	COM	
12674R 90 0	C&J ENERGY SVCS INC NEW	CALL	
12674R 95 0	C&J ENERGY SVCS INC NEW	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12709P 10 3 *	CABOT MICROELECTRONICS CORP	COM	
12709P 90 3	CABOT MICROELECTRONICS CORP	CALL	
12709P 95 3	CABOT MICROELECTRONICS CORP	PUT	
127097 10 3 *	CABOT OIL & GAS CORP	COM	
127097 90 3	CABOT OIL & GAS CORP	CALL	
127097 95 3	CABOT OIL & GAS CORP	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	
12739A 10 0 *	CADENCE BANCORPORATION	CL A	
12739A 90 0	CADENCE BANCORPORATION	CALL	
12739A 95 0	CADENCE BANCORPORATION	PUT	
127537 20 7 *	CADIZ INC	COM NEW	
127537 90 7	CADIZ INC	CALL	
127537 95 7	CADIZ INC	PUT	
127686 AA 1	CAESARS ENTMT CORP	NOTE 5.000%10/0	
127686 10 3 *	CAESARS ENTMT CORP	COM	
127686 90 3	CAESARS ENTMT CORP	CALL	
127686 95 3	CAESARS ENTMT CORP	PUT	
12769A 10 3 *	CAFEPRESS INC	COM	DELETED
12769A 90 3	CAFEPRESS INC	CALL	DELETED
12769A 95 3	CAFEPRESS INC	PUT	DELETED
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 20 3 *	CALADRIUS BIOSCIENCES INC	COM NEW	
128058 90 3	CALADRIUS BIOSCIENCES INC	CALL	
128058 95 3	CALADRIUS BIOSCIENCES INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
12811L 10 7	CALAMOS GBL DYN INCOME FUND	COM	
12811P 10 8	CALAMOS CONV & HIGH INCOME F	COM SHS	
12811V 10 5	CALAMOS DYNAMIC CONV & INCOM	COM	
128117 10 8	CALAMOS CONV OPP AND INC FD	SH BEN INT	
128118 10 6	CALAMOS GLOBAL TOTAL RETURN	COM SH BEN INT	
128125 10 1	CALAMOS STRATEGIC TOTL RETN	COM SH BEN INT	
128126 AB 5	CALAMP CORP	NOTE 1.625% 5/1	
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	
129500 10 4 *	CALERES INC	COM	
129500 90 4	CALERES INC	CALL	
129500 95 4	CALERES INC	PUT	
13057Q 20 6 *	CALIFORNIA RES CORP	COM NEW	
13057Q 90 6	CALIFORNIA RES CORP	CALL	
13057Q 95 6	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 10 1 *	CALITHERA BIOSCIENCES INC	COM	
13089P 90 1	CALITHERA BIOSCIENCES INC	CALL	
13089P 95 1	CALITHERA BIOSCIENCES INC	PUT	
13100M 50 9 *	CALIX INC	COM	
13100M 90 9	CALIX INC	CALL	
13100M 95 9	CALIX INC	PUT	
131193 10 4 *	CALLAWAY GOLF CO	COM	
131193 90 4	CALLAWAY GOLF CO	CALL	
131193 95 4	CALLAWAY GOLF CO	PUT	
13123X 10 2 *	CALLON PETE CO DEL	COM	
13123X 90 2	CALLON PETE CO DEL	CALL	
13123X 95 2	CALLON PETE CO DEL	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
131476 10 3 *	CALUMET SPECIALTY PRODS PTNR	UT LTD PARTNER	
131476 90 3	CALUMET SPECIALTY PRODS PTNR	CALL	
131476 95 3	CALUMET SPECIALTY PRODS PTNR	PUT	
13173L 10 7	CALYXT INC	COM	
13200M 20 1	CAMBER ENERGY INC	COM NEW	DELETED
13200M 30 0	CAMBER ENERGY INC	COM NEW	ADDED
13201A 10 7	CAMBIUM LEARNING GRP INC	COM	DELETED
132011 10 7 *	CAMBREX CORP	COM	
132011 90 7	CAMBREX CORP	CALL	
132011 95 7	CAMBREX CORP	PUT	
132061 20 1	CAMBRIA ETF TR	SHSHLD YIELD ETF	
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	SOVEREIGN BD ETF	
132061 83 9	CAMBRIA ETF TR	TRINITY	
132061 85 4	CAMBRIA ETF TR	CORE EQUITY	
132061 86 2	CAMBRIA ETF TR	TAIL RISK	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
13462K 10 9 *	CAMPING WORLD HLDGS INC	CL A	
13462K 90 9	CAMPING WORLD HLDGS INC	CALL	
13462K 95 9	CAMPING WORLD HLDGS INC	PUT	
13471N 10 2 *	CAN-FITE BIOPHARMA LTD	SPONSORED ADR	
13471N 90 2	CAN-FITE BIOPHARMA LTD	CALL	
13471N 95 2	CAN-FITE BIOPHARMA LTD	PUT	
135086 10 6 *	CANADA GOOSE HOLDINGS INC	SHS SUB VTG	
135086 90 6	CANADA GOOSE HOLDINGS INC	CALL	
135086 95 6	CANADA GOOSE HOLDINGS INC	PUT	
136069 10 1 *	CDN IMPERIAL BK COMM TORONTO	COM	
136069 90 1	CDN IMPERIAL BK COMM TORONTO	CALL	
136069 95 1	CDN IMPERIAL BK COMM TORONTO	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 AE 9	CANADIAN SOLAR INC	NOTE 4.250% 2/1	
136635 10 9 *	CANADIAN SOLAR INC	COM	
136635 90 9	CANADIAN SOLAR INC	CALL	
136635 95 9	CANADIAN SOLAR INC	PUT	
13739U 10 4 *	CANCER GENETICS INC	COM	
13739U 90 4	CANCER GENETICS INC	CALL	
13739U 95 4	CANCER GENETICS INC	PUT	
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	
138006 30 9 *	CANON INC	SPONSORED ADR	
138006 90 9	CANON INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
138006 95 9	CANON INC	PUT	
138035 10 0 *	CANOPY GROWTH CORP	COM	
138035 90 0	CANOPY GROWTH CORP	CALL	
138035 95 0	CANOPY GROWTH CORP	PUT	
138098 10 8 *	CANTEL MEDICAL CORP	COM	
138098 90 8	CANTEL MEDICAL CORP	CALL	
138098 95 8	CANTEL MEDICAL CORP	PUT	
13811E 10 1	CANTERBURY PARK HOLDING CORP	COM	
139674 10 5	CAPITAL CITY BK GROUP INC	COM	
139737 10 0	CAPITAL BANCORP INC MD	COM	
14040H 10 5 *	CAPITAL ONE FINL CORP	COM	
14040H 90 5	CAPITAL ONE FINL CORP	CALL	
14040H 95 5	CAPITAL ONE FINL CORP	PUT	
14040H 13 9	CAPITAL ONE FINL CORP	*W EXP 11/14/201	DELETED
140475 10 4 *	CAPITAL SR LIVING CORP	COM	
140475 90 4	CAPITAL SR LIVING CORP	CALL	
140475 95 4	CAPITAL SR LIVING CORP	PUT	
140501 10 7 *	CAPITAL SOUTHWEST CORP	COM	
140501 90 7	CAPITAL SOUTHWEST CORP	CALL	
140501 95 7	CAPITAL SOUTHWEST CORP	PUT	
14054R 10 6 *	CAPITALA FIN CORP	COM	
14054R 90 6	CAPITALA FIN CORP	CALL	
14054R 95 6	CAPITALA FIN CORP	PUT	
14054R 40 3	CAPITALA FIN CORP	5.75% NT CV 22	
14057J 10 1 *	CAPITOL FED FINL INC	COM	
14057J 90 1	CAPITOL FED FINL INC	CALL	
14057J 95 1	CAPITOL FED FINL INC	PUT	
14067D 40 9	CAPSTONE TURBINE CORP	COM NEW	
14067E 50 6 *	CAPSTEAD MTG CORP	COM NO PAR	
14067E 90 6	CAPSTEAD MTG CORP	CALL	
14067E 95 6	CAPSTEAD MTG CORP	PUT	
14070B 10 1	CAPRICOR THERAPEUTICS INC	COM	
14070T 10 2	CAPSTAR FINL HLDGS INC	COM	
140755 10 9 *	CARA THERAPEUTICS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
140755 90 9	CARA THERAPEUTICS INC	CALL	
140755 95 9	CARA THERAPEUTICS INC	PUT	
140781 10 5 *	CARBO CERAMICS INC	COM	
140781 90 5	CARBO CERAMICS INC	CALL	
140781 95 5	CARBO CERAMICS INC	PUT	
14081R 10 3 *	CARBON BLACK INC	COM	
14081R 90 3	CARBON BLACK INC	CALL	
14081R 95 3	CARBON BLACK INC	PUT	
141337 AB 1	CARBONITE INC	NOTE 2.500% 4/0	
141337 10 5 *	CARBONITE INC	COM	
141337 90 5	CARBONITE INC	CALL	
141337 95 5	CARBONITE INC	PUT	
14149Y 10 8 *	CARDINAL HEALTH INC	COM	
14149Y 90 8	CARDINAL HEALTH INC	CALL	
14149Y 95 8	CARDINAL HEALTH INC	PUT	
14161H AG 3	CARDTRONICS INC	NOTE 1.000%12/0	
14161W 10 5	CARDLYTICS INC	COM	
141619 10 6 *	CARDIOVASCULAR SYS INC DEL	COM	
141619 90 6	CARDIOVASCULAR SYS INC DEL	CALL	
141619 95 6	CARDIOVASCULAR SYS INC DEL	PUT	
141633 10 7 *	CARE COM INC	COM	
141633 90 7	CARE COM INC	CALL	
141633 95 7	CARE COM INC	PUT	
141665 10 9 *	CAREER EDUCATION CORP	COM	
141665 90 9	CAREER EDUCATION CORP	CALL	
141665 95 9	CAREER EDUCATION CORP	PUT	
14167L 10 3 *	CAREDX INC	COM	
14167L 90 3	CAREDX INC	CALL	
14167L 95 3	CAREDX INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
141788 95 9	CARGURUS INC	PUT	
142339 10 0 *	CARLISLE COS INC	COM	
142339 90 0	CARLISLE COS INC	CALL	
142339 95 0	CARLISLE COS INC	PUT	
14309L 10 2 *	CARLYLE GROUP L P	COM UTS LTD PTN	
14309L 90 2	CARLYLE GROUP L P	CALL	
14309L 95 2	CARLYLE GROUP L P	PUT	
143130 10 2 *	CARMAX INC	COM	
143130 90 2	CARMAX INC	CALL	
143130 95 2	CARMAX INC	PUT	
14365C 10 3 *	CARNIVAL PLC	ADR	
14365C 90 3	CARNIVAL PLC	CALL	
14365C 95 3	CARNIVAL PLC	PUT	
143658 30 0 *	CARNIVAL CORP	UNIT 99/99/9999	
143658 90 0	CARNIVAL CORP	CALL	
143658 95 0	CARNIVAL CORP	PUT	
143873 10 7	CAROLINA FINL CORP NEW	COM	
143905 AM 9	CARRIAGE SVCS INC	NOTE 2.750% 3/1	
143905 10 7 *	CARRIAGE SVCS INC	COM	
143905 90 7	CARRIAGE SVCS INC	CALL	
143905 95 7	CARRIAGE SVCS INC	PUT	
14422P 10 5	CAROLINA TR BANCSHARES INC	COM	
144285 10 3 *	CARPENTER TECHNOLOGY CORP	COM	
144285 90 3	CARPENTER TECHNOLOGY CORP	CALL	
144285 95 3	CARPENTER TECHNOLOGY CORP	PUT	
144577 10 3 *	CARRIZO OIL & GAS INC	COM	
144577 90 3	CARRIZO OIL & GAS INC	CALL	
144577 95 3	CARRIZO OIL & GAS INC	PUT	
14574X 10 4 *	CARROLS RESTAURANT GROUP INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 10 9	CASI PHARMACEUTICALS INC	COM	
14808P 10 9 *	CASS INFORMATION SYS INC	COM	
14808P 90 9	CASS INFORMATION SYS INC	CALL	
14808P 95 9	CASS INFORMATION SYS INC	PUT	
148435 10 0	CASTLE BRANDS INC	COM	
14862Q 10 0 *	CASTLIGHT HEALTH INC	CL B	
14862Q 90 0	CASTLIGHT HEALTH INC	CALL	
14862Q 95 0	CASTLIGHT HEALTH INC	PUT	
14875P 10 7	CATABASIS PHARMACEUTICALS IN	COM	DELETED
14875P 20 6	CATABASIS PHARMACEUTICALS IN	COM NEW	ADDED
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	
14888U 10 1 *	CATALYST PHARMACEUTICALS INC	COM	
14888U 90 1	CATALYST PHARMACEUTICALS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
14888U 95 1	CATALYST PHARMACEUTICALS INC	PUT	
149049 50 4	CATASYS INC	COM PAR	
14912Y 20 2 *	CATCHMARK TIMBER TR INC	CL A	
14912Y 90 2	CATCHMARK TIMBER TR INC	CALL	
14912Y 95 2	CATCHMARK TIMBER TR INC	PUT	
149123 10 1 *	CATERPILLAR INC DEL	COM	
149123 90 1	CATERPILLAR INC DEL	CALL	
149123 95 1	CATERPILLAR INC DEL	PUT	
149150 10 4 *	CATHAY GEN BANCORP	COM	
149150 90 4	CATHAY GEN BANCORP	CALL	
149150 95 4	CATHAY GEN BANCORP	PUT	
149150 11 2	CATHAY GEN BANCORP	*W EXP 12/05/201	DELETED
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	
150185 10 6 *	CEDAR FAIR L P	DEPOSITRY UNIT	
150185 90 6	CEDAR FAIR L P	CALL	
150185 95 6	CEDAR FAIR L P	PUT	
150602 20 9 *	CEDAR REALTY TRUST INC	COM NEW	
150602 90 9	CEDAR REALTY TRUST INC	CALL	
150602 95 9	CEDAR REALTY TRUST INC	PUT	
150837 17 7	CEL SCI CORP	*W EXP 10/11/201	DELETED
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	

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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	
151020 10 4 *	CELGENE CORP	COM	
151020 90 4	CELGENE CORP	CALL	
151020 95 4	CELGENE CORP	PUT	
151020 11 2	CELGENE CORP	RIGHT 12/31/2030	
15116C 10 2	CELLECT BIOTECHNOLOGY LTD	SPON ADS	
15116C 11 0	CELLECT BIOTECHNOLOGY LTD	*W EXP 08/03/202	
15117B 10 3 *	CELLDEX THERAPEUTICS INC NEW	COM	
15117B 90 3	CELLDEX THERAPEUTICS INC NEW	CALL	
15117B 95 3	CELLDEX THERAPEUTICS INC NEW	PUT	
15117F 12 0	CELLECTAR BIOSCIENCES INC	*W EXP 08/20/201	
15117F 13 8	CELLECTAR BIOSCIENCES INC	*W EXP 04/08/202	
15117F 50 0	CELLECTAR BIOSCIENCES INC	COM PAR	
15117K 10 3 *	CELLECTIS S A	SPONSORED ADS	
15117K 90 3	CELLECTIS S A	CALL	
15117K 95 3	CELLECTIS S A	PUT	
15117N 50 3 *	CELSION CORPORATION	COM PAR NEW	
15117N 90 3	CELSION CORPORATION	CALL	
15117N 95 3	CELSION CORPORATION	PUT	
15117P 10 2 *	CELLULAR BIOMEDICINE GROUP I	COM NEW	
15117P 90 2	CELLULAR BIOMEDICINE GROUP I	CALL	
15117P 95 2	CELLULAR BIOMEDICINE GROUP I	PUT	
15118V 20 7	CELSIUS HOLDINGS INC	COM NEW	
151205 20 0	CELYAD SA	ADR	
15126Q 20 8	CEMENTOS PACASMAYO S A A	SPONSORED ADR	
151290 BR 3	CEMEX SAB DE CV	NOTE 3.720% 3/1	
151290 BT 9	CEMEX SAB DE CV	NOTE 3.720% 3/1	
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 11 3	CEMTREX INC	*W EXP 12/02/202	

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15130G 30 3	CENTREX INC	COM PAR \$.001	
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	
15136A 10 2 *	CENTENNIAL RESOURCE DEV INC	CL A	
15136A 90 2	CENTENNIAL RESOURCE DEV INC	CALL	
15136A 95 2	CENTENNIAL RESOURCE DEV INC	PUT	
151461 10 0	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	
15189T 50 3	CENTERPOINT ENERGY INC	DEP RP PFD CV B	ADDED
15201P 10 9 *	CENTERSTATE BK CORP	COM	
15201P 90 9	CENTERSTATE BK CORP	CALL	
15201P 95 9	CENTERSTATE BK CORP	PUT	
15234Q 10 8 *	CENTRAIS ELETRICAS BRASILEIR	SPON ADR PFD B	
15234Q 90 8	CENTRAIS ELETRICAS BRASILEIR	CALL	
15234Q 95 8	CENTRAIS ELETRICAS BRASILEIR	PUT	
15234Q 20 7 *	CENTRAIS ELETRICAS BRASILEIR	SPONSORED ADR	
15234Q 90 7	CENTRAIS ELETRICAS BRASILEIR	CALL	
15234Q 95 7	CENTRAIS ELETRICAS BRASILEIR	PUT	
153436 10 0	THE CENTRAL AND EASTERN EU I	COM	
15346Q 40 0	CENTRAL FED CORP	COM NEW PAR	
153501 10 1	CENTRAL FD CDA LTD	CL A	
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	
154760 40 9 *	CENTRAL PAC FINL CORP	COM NEW	

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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	
155123 10 2	CENTRAL SECS CORP	COM	
155685 10 0 *	CENTRAL VALLEY CMNTY BANCORP	COM	
155685 90 0	CENTRAL VALLEY CMNTY BANCORP	CALL	
155685 95 0	CENTRAL VALLEY CMNTY BANCORP	PUT	
15643U 10 4	CENTRUS ENERGY CORP	CL A	
156431 10 8 *	CENTURY ALUM CO	COM	
156431 90 8	CENTURY ALUM CO	CALL	
156431 95 8	CENTURY ALUM CO	PUT	
156432 10 6	CENTURY BANCORP INC MASS	CL A NON VTG	
15644G 10 4 *	CENTRIC BRANDS INC	COM	ADDED
15644G 90 4	CENTRIC BRANDS INC	CALL	ADDED
15644G 95 4	CENTRIC BRANDS INC	PUT	ADDED
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	
156700 10 6 *	CENTURYLINK INC	COM	
156700 90 6	CENTURYLINK INC	CALL	
156700 95 6	CENTURYLINK INC	PUT	
15671L 10 9 *	CERECOR INC	COM	
15671L 90 9	CERECOR INC	CALL	
15671L 95 9	CERECOR INC	PUT	
15671L 11 7	CERECOR INC	*W EXP 10/20/201	DELETED
15677J 10 8 *	CERIDIAN HCM HLDG INC	COM	
15677J 90 8	CERIDIAN HCM HLDG INC	CALL	
15677J 95 8	CERIDIAN HCM HLDG INC	PUT	
156782 10 4 *	CERNER CORP	COM	
156782 90 4	CERNER CORP	CALL	
156782 95 4	CERNER CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
157085 10 1 *	CERUS CORP	COM	
157085 90 1	CERUS CORP	CALL	
157085 95 1	CERUS CORP	PUT	
157131 20 2	CESCA THERAPEUTICS INC	COM NEW	
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	
15911M 10 7 *	CHANGYOU COM LTD	ADS REP CL A	
15911M 90 7	CHANGYOU COM LTD	CALL	
15911M 95 7	CHANGYOU COM LTD	PUT	
159179 10 0 *	CHANNELADVISOR CORP	COM	
159179 90 0	CHANNELADVISOR CORP	CALL	
159179 95 0	CHANNELADVISOR CORP	PUT	
15930P 80 0	CHANTICLEER HLDGS INC	COM PAR	
15942R 20 8	CHAPARRAL ENERGY INC	COM CL A	
15957A 20 7	CHARDAN HEALTHCARE ACQUISITI	UNIT 12/13/2023	ADDED
15957P 10 5	CHARAH SOLUTIONS INC	COM	
159765 10 6 *	CHARLES & COLVARD LTD	COM	
159765 90 6	CHARLES & COLVARD LTD	CALL	
159765 95 6	CHARLES & COLVARD LTD	PUT	
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 30 8 *	CHART INDS INC	COM PAR \$0.01	
16115Q 90 8	CHART INDS INC	CALL	
16115Q 95 8	CHART INDS INC	PUT	
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	
16166A 10 3	CHASERG TECHN LGY ACQUISITN C	CLASS A	ADDED
16166A 11 1	CHASERG TECHN LGY ACQUISITN C	*W EXP 04/10/202	ADDED
16166A 20 2	CHASERG TECHN LGY ACQUISITN C	UNIT 09/30/2023	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
16208T 10 2 *	CHATHAM LODGING TR	COM	
16208T 90 2	CHATHAM LODGING TR	CALL	
16208T 95 2	CHATHAM LODGING TR	PUT	
162828 10 7	CHECKPOINT THERAPEUTICS INC	COM	
163072 10 1 *	CHEESECAKE FACTORY INC	COM	
163072 90 1	CHEESECAKE FACTORY INC	CALL	
163072 95 1	CHEESECAKE FACTORY INC	PUT	
163075 10 4 *	CHEETAH MOBILE INC	ADR	
163075 90 4	CHEETAH MOBILE INC	CALL	
163075 95 4	CHEETAH MOBILE INC	PUT	
163086 10 1 *	CHEFS WHSE INC	COM	
163086 90 1	CHEFS WHSE INC	CALL	
163086 95 1	CHEFS WHSE INC	PUT	
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	
16359R 10 3 *	CHEMED CORP NEW	COM	
16359R 90 3	CHEMED CORP NEW	CALL	
16359R 95 3	CHEMED CORP NEW	PUT	
163731 10 2 *	CHEMICAL FINL CORP	COM	
163731 90 2	CHEMICAL FINL CORP	CALL	
163731 95 2	CHEMICAL FINL CORP	PUT	
16383L 10 6 *	CHEMOCENTRYX INC	COM	
16383L 90 6	CHEMOCENTRYX INC	CALL	
16383L 95 6	CHEMOCENTRYX INC	PUT	
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 AG 4	CHENIERE ENERGY INC	NOTE 4.250% 3/1	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
16411R 20 8 *	CHENIERE ENERGY INC	COM NEW	
16411R 90 8	CHENIERE ENERGY INC	CALL	
16411R 95 8	CHENIERE ENERGY INC	PUT	
16444H 10 2 *	CHEROKEE INC DEL NEW	COM	
16444H 90 2	CHEROKEE INC DEL NEW	CALL	
16444H 95 2	CHEROKEE INC DEL NEW	PUT	
164651 10 1	CHERRY HILL MTG INVT CORP	COM	
165167 CB 1	CHESAPEAKE ENERGY CORP	NOTE 2.250%12/1	
165167 CY 1	CHESAPEAKE ENERGY CORP	NOTE 5.500% 9/1	
165167 10 7 *	CHESAPEAKE ENERGY CORP	COM	
165167 90 7	CHESAPEAKE ENERGY CORP	CALL	
165167 95 7	CHESAPEAKE ENERGY CORP	PUT	
165167 84 2	CHESAPEAKE ENERGY CORP	PFD CONV	
165185 10 9 *	CHESAPEAKE GRANITE WASH TR	COM SH BEN INT	
165185 90 9	CHESAPEAKE GRANITE WASH TR	CALL	
165185 95 9	CHESAPEAKE GRANITE WASH TR	PUT	
165240 10 2 *	CHESAPEAKE LODGING TR	SH BEN INT	
165240 90 2	CHESAPEAKE LODGING TR	CALL	
165240 95 2	CHESAPEAKE LODGING TR	PUT	
165303 10 8 *	CHESAPEAKE UTILS CORP	COM	
165303 90 8	CHESAPEAKE UTILS CORP	CALL	
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	
16706W 10 2	CHIASMA INC	COM	
168088 10 2	CHICAGO RIVET & MACH CO	COM	
16842Q 10 0	CHICKEN SOUP FOR THE SOUL EN	CL A	
168615 10 2 *	CHICOS FAS INC	COM	
168615 90 2	CHICOS FAS INC	CALL	
168615 95 2	CHICOS FAS INC	PUT	
16890T 10 5 *	CHINA NEW BORUN CORP	ADR	
16890T 90 5	CHINA NEW BORUN CORP	CALL	
16890T 95 5	CHINA NEW BORUN CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
168905 10 7 *	CHILDRENS PL INC	COM	
168905 90 7	CHILDRENS PL INC	CALL	
168905 95 7	CHILDRENS PL INC	PUT	
16891K 10 3	CHINA COML CR INC	COM	
168913 20 0 *	CHINA RECYCLING ENERGY CORP	COM NEW	
168913 90 0	CHINA RECYCLING ENERGY CORP	CALL	
168913 95 0	CHINA RECYCLING ENERGY CORP	PUT	
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	
169365 20 2	CHINA ADVANCED CONSTR MATLS	COM NEW	DELETED
16937R 10 4 *	CHINA EASTN AIRLS LTD	SPON ADR CL H	
16937R 90 4	CHINA EASTN AIRLS LTD	CALL	
16937R 95 4	CHINA EASTN AIRLS LTD	PUT	
169373 10 7 *	CHINA FD INC	COM	
169373 90 7	CHINA FD INC	CALL	
169373 95 7	CHINA FD INC	PUT	
169379 10 4 *	CHINA FIN ONLINE CO LTD	SPONSORED ADR	
169379 90 4	CHINA FIN ONLINE CO LTD	CALL	
169379 95 4	CHINA FIN ONLINE CO LTD	PUT	
16939P 10 6 *	CHINA LIFE INS CO LTD	SPON ADR REP H	
16939P 90 6	CHINA LIFE INS CO LTD	CALL	
16939P 95 6	CHINA LIFE INS CO LTD	PUT	
169409 10 9 *	CHINA SOUTHN AIRLS LTD	SPON ADR CL H	
169409 90 9	CHINA SOUTHN AIRLS LTD	CALL	
169409 95 9	CHINA SOUTHN AIRLS LTD	PUT	
16941M 10 9 *	CHINA MOBILE LIMITED	SPONSORED ADR	
16941M 90 9	CHINA MOBILE LIMITED	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
16941M 95 9	CHINA MOBILE LIMITED	PUT	
16941R 10 8 *	CHINA PETE & CHEM CORP	SPON ADR H SHS	
16941R 90 8	CHINA PETE & CHEM CORP	CALL	
16941R 95 8	CHINA PETE & CHEM CORP	PUT	
16941T 10 4	CHINA PHARMA HLDGS INC	COM	
169424 20 7	CHINA TECHFAITH WIRLS COMM T	SPON ADR NEW	
169426 10 3 *	CHINA TELECOM CORP LTD	SPON ADR H SHS	
169426 90 3	CHINA TELECOM CORP LTD	CALL	
169426 95 3	CHINA TELECOM CORP LTD	PUT	
16943W 10 5 *	CHINA GREEN AGRICULTURE INC	COM	
16943W 90 5	CHINA GREEN AGRICULTURE INC	CALL	
16943W 95 5	CHINA GREEN AGRICULTURE INC	PUT	
16944W 10 4 *	CHINA DISTANCE ED HLDGS LTD	SPONS ADR	
16944W 90 4	CHINA DISTANCE ED HLDGS LTD	CALL	
16944W 95 4	CHINA DISTANCE ED HLDGS LTD	PUT	
16945R 10 4 *	CHINA UNICOM (HONG KONG) LTD	SPONSORED ADR	
16945R 90 4	CHINA UNICOM (HONG KONG) LTD	CALL	
16945R 95 4	CHINA UNICOM (HONG KONG) LTD	PUT	
16948F 10 7 *	CHINA XD PLASTICS CO LTD	COM	
16948F 90 7	CHINA XD PLASTICS CO LTD	CALL	
16948F 95 7	CHINA XD PLASTICS CO LTD	PUT	
16948W 10 0	CHINA HGS REAL ESTATE INC	COM	
16949A 20 6	CHINA JO-JO DRUGSTORES INC	COM NEW	
16949H 20 1 *	CHINANET ONLINE HLDGS INC	COM NEW	
16949H 90 1	CHINANET ONLINE HLDGS INC	CALL	
16949H 95 1	CHINANET ONLINE HLDGS INC	PUT	
16949N AC 3	CHINA LODGING GROUP LTD	NOTE 0.375%11/0	ADDED
16950M 10 7 *	CHINACACHE INTL HLDG LTD	SPONSORED ADR	
16950M 90 7	CHINACACHE INTL HLDG LTD	CALL	
16950M 95 7	CHINACACHE INTL HLDG LTD	PUT	
16953Q 10 5 *	CHINA RAPID FIN LTD	SPONSORED ADR	
16953Q 90 5	CHINA RAPID FIN LTD	CALL	
16953Q 95 5	CHINA RAPID FIN LTD	PUT	
16954L 10 5	CHINA ONLINE ED GROUP	SPONSORED ADR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
16965P 10 3 *	CHIPMOS TECHNOLOGIES INC	SPONSORED ADR	DELETED
16965P 90 3	CHIPMOS TECHNOLOGIES INC	CALL	DELETED
16965P 95 3	CHIPMOS TECHNOLOGIES INC	PUT	DELETED
16965P 20 2 *	CHIPMOS TECHNOLOGIES INC	SPONSORD ADS NEW	ADDED
16965P 90 2	CHIPMOS TECHNOLOGIES INC	CALL	ADDED
16965P 95 2	CHIPMOS TECHNOLOGIES INC	PUT	ADDED
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	
171046 10 5 *	CHRISTOPHER & BANKS CORP	COM	
171046 90 5	CHRISTOPHER & BANKS CORP	CALL	
171046 95 5	CHRISTOPHER & BANKS CORP	PUT	
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 INC	COM	
171340 90 2	CHURCH & DWIGHT INC	CALL	
171340 95 2	CHURCH & DWIGHT INC	PUT	
17142R 10 3	CHURCHILL CAP CORP	COM CL A	ADDED
17142R 11 1	CHURCHILL CAP CORP	*W EXP 09/11/202	ADDED
17142R 20 2	CHURCHILL CAP CORP	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
171757 90 7	CIDARA THERAPEUTICS INC	CALL	
171757 95 7	CIDARA THERAPEUTICS INC	PUT	
171779 AJ 0	CIENA CORP	NOTE 3.750%10/1	DELETED
171779 AK 7	CIENA CORP	DEBT 4.000%12/1	DELETED
171779 30 9 *	CIENA CORP	COM NEW	
171779 90 9	CIENA CORP	CALL	
171779 95 9	CIENA CORP	PUT	
171798 10 1 *	CIMAREX ENERGY CO	COM	
171798 90 1	CIMAREX ENERGY CO	CALL	
171798 95 1	CIMAREX ENERGY CO	PUT	
171871 40 3	CINCINNATI BELL INC NEW	PFD CV DEP1/20	
171871 50 2 *	CINCINNATI BELL INC NEW	COM NEW	
171871 90 2	CINCINNATI BELL INC NEW	CALL	
171871 95 2	CINCINNATI BELL INC NEW	PUT	
172062 10 1 *	CINCINNATI FINL CORP	COM	
172062 90 1	CINCINNATI FINL CORP	CALL	
172062 95 1	CINCINNATI FINL CORP	PUT	
172406 20 9	CINEDIGM CORP	COM NEW	
17243V 10 2 *	CINEMARK HOLDINGS INC	COM	
17243V 90 2	CINEMARK HOLDINGS INC	CALL	
17243V 95 2	CINEMARK HOLDINGS INC	PUT	
172464 10 9	CINER RES LP	COM UNIT LTD	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
172922 10 6 *	CITIZENS & NORTHN CORP	COM	
172922 90 6	CITIZENS & NORTHN CORP	CALL	
172922 95 6	CITIZENS & NORTHN CORP	PUT	
172967 22 6	CITIGROUP INC	*W EXP 01/04/201	DELETED
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	
17306X 95 2	CITI TRENDS INC	PUT	
17321F 20 1	CITIGROUP INC NEW	CTRAKS ETN MILLR	
17322H 14 9	CITIGROUP INC NEW	HOW STRAT DIV	
17322U 11 6	CITIUS PHARMACEUTICALS INC	*W EXP 08/08/202	
17322U 20 7	CITIUS PHARMACEUTICALS INC	COM NEW	
17324P 85 9	CITIGROUP GLOBAL MKTS HLDGS	GEN VAR 26	
17325E 29 1	CITIGROUP GLOBAL MKTS HLDGS	VELOCITYSHARE 3X	
17325E 30 9	CITIGROUP GLOBAL MKTS HLDGS	INVERSE LVRG ETN	
17325K 52 9	CITIGROUP GBL MKTS HLDGS INC	VELOCITYSHS SHRT	
17325K 74 3 *	CITIGROUP GBL MKTS HLDGS INC	VELOCITYSHS LONG	
17325K 90 3	CITIGROUP GBL MKTS HLDGS INC	CALL	
17325K 95 3	CITIGROUP GBL MKTS HLDGS INC	PUT	
17326E 15 9	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS USDGBP	
17326E 23 3	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS USDCF	
17326E 46 4	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS GBPUSD	
17326E 48 0	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS USDEUR	
17326E 57 1	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS EURUSD	
17326E 60 5	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS AUDUSD	
17326E 64 7	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS USDAUD	
17326E 65 4	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS JPYUSD	
17326E 66 2	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS USDJPY	
17326E 70 4	CITIGROUP GLOBAL MKT HLDGS I	VELCTYSHS CHFUSD	
174610 10 5 *	CITIZENS FINL GROUP INC	COM	
174610 90 5	CITIZENS FINL GROUP INC	CALL	
174610 95 5	CITIZENS FINL GROUP INC	PUT	

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17462Q 10 7	CITIZENS FIRST CORP	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	
177376 AD 2	CITRIX SYS INC	NOTE 0.500% 4/1	
177376 10 0 *	CITRIX SYS INC	COM	
177376 90 0	CITRIX SYS INC	CALL	
177376 95 0	CITRIX SYS INC	PUT	
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 10 8 *	CIVEO CORP CDA	COM	
17878Y 90 8	CIVEO CORP CDA	CALL	
17878Y 95 8	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	
178867 20 6	CIVISTA BANCSHARES INC	6.50% PFD SER B	
17887R 10 2 *	CIVITAS SOLUTIONS INC	COM	
17887R 90 2	CIVITAS SOLUTIONS INC	CALL	
17887R 95 2	CIVITAS SOLUTIONS INC	PUT	
18270P 10 9 *	CLARUS CORP NEW	COM	
18270P 90 9	CLARUS CORP NEW	CALL	
18270P 95 9	CLARUS CORP NEW	PUT	
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	

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184499 95 1	CLEAN ENERGY FUELS CORP	PUT	
18451C 10 9 *	CLEAR CHANNEL OUTDOOR HLDGS	CL A	
18451C 90 9	CLEAR CHANNEL OUTDOOR HLDGS	CALL	
18451C 95 9	CLEAR CHANNEL OUTDOOR HLDGS	PUT	
18469P 10 0	CLEARBRIDGE ENERGY MIDSTRM O	COM	
18469Q 10 8	CLEARBRIDGE MLP AND MIDSTRM	COM	
184691 10 3	CLEARBRIDGE AMERN ENERG MLP	COM	DELETED
184692 10 1	CLEARBRIDGE MLP AND MIDSTRM	COM	
18482P 10 3 *	CLEARFIELD INC	COM	
18482P 90 3	CLEARFIELD INC	CALL	
18482P 95 3	CLEARFIELD INC	PUT	
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 COMBUSTION CORP	COM	
185064 90 2	CLEARSIGN COMBUSTION CORP	CALL	
185064 95 2	CLEARSIGN COMBUSTION CORP	PUT	
185064 11 0	CLEARSIGN COMBUSTION CORP	*W EXP 01/25/201	
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	
185575 10 7	CLEMENTIA PHARMACEUTICALS IN	COM	
185860 20 2 *	CLEVELAND BIOLABS INC	COM NEW	
185860 90 2	CLEVELAND BIOLABS INC	CALL	
185860 95 2	CLEVELAND BIOLABS INC	PUT	
185899 AA 9	CLEVELAND CLIFFS INC	DCV 1.500% 1/1	
185899 10 1 *	CLEVELAND CLIFFS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
185899 90 1	CLEVELAND CLIFFS INC	CALL	
185899 95 1	CLEVELAND CLIFFS INC	PUT	
18885T 30 6	CLIPPER RLTY INC	COM	
189054 10 9 *	CLOROX CO DEL	COM	
189054 90 9	CLOROX CO DEL	CALL	
189054 95 9	CLOROX CO DEL	PUT	
18911Q 10 2 *	CLOUD PEAK ENERGY INC	COM	
18911Q 90 2	CLOUD PEAK ENERGY INC	CALL	
18911Q 95 2	CLOUD PEAK ENERGY INC	PUT	
18913Y 10 3	CLOUGH GLOBAL DIVND AND INC	COM	
18914C 10 0	CLOUGH GLOBAL EQUITY FD	COM	
18914E 10 6	CLOUGH GLOBAL OPPORTUNITIES	SH BEN INT	
18914U 10 0 *	CLOUDERA INC	COM	
18914U 90 0	CLOUDERA INC	CALL	
18914U 95 0	CLOUDERA INC	PUT	
189464 AB 6	CLOVIS ONCOLOGY INC	NOTE 2.500% 9/1	
189464 AC 4	CLOVIS ONCOLOGY INC	NOTE 1.250% 5/0	
189464 10 0 *	CLOVIS ONCOLOGY INC	COM	
189464 90 0	CLOVIS ONCOLOGY INC	CALL	
189464 95 0	CLOVIS ONCOLOGY INC	PUT	
189763 10 5	CO DIAGNOSTICS INC	COM	
18979T 10 5	CNFINANCE HLDGS LTD	SPON ADS	ADDED
19046P 20 9	COASTAL FINL CORP WA	COM NEW	
190632 10 9	COASTWAY BANCORP INC	COM	DELETED
190897 10 8 *	COBIZ FINANCIAL INC	COM	DELETED
190897 90 8	COBIZ FINANCIAL INC	CALL	DELETED
190897 95 8	COBIZ FINANCIAL INC	PUT	DELETED
191098 10 2	COCA COLA BOTTLING CO CONS	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 S A B DE C V	SPON ADR REP L	
191241 90 8	COCA COLA FEMSA S A B DE C V	CALL	
191241 95 8	COCA COLA FEMSA S A B DE C V	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
19188J 30 0	COCRYSTAL PHARMA INC	COM PAR	
19188U 20 6	CODA OCTOPUS GROUP INC	COM NEW	
192005 10 6 *	CODEXIS INC	COM	
192005 90 6	CODEXIS INC	CALL	
192005 95 6	CODEXIS INC	PUT	
192025 10 4	CODORUS VY BANCORP INC	COM	
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 HLDGS INC	COM	
19239V 30 2 *	COGENT COMMUNICATIONS HLDGS	COM NEW	
19239V 90 2	COGENT COMMUNICATIONS HLDGS	CALL	
19239V 95 2	COGENT COMMUNICATIONS HLDGS	PUT	
192422 10 3 *	COGNEX CORP	COM	
192422 90 3	COGNEX CORP	CALL	
192422 95 3	COGNEX CORP	PUT	
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	
19247L 10 6	COHEN & STEERS QUALITY RLTY	COM	
19247R 10 3	COHEN & STEERS TOTAL RETURN	COM	
19247X 10 0	COHEN & STEERS REIT & PFD IN	COM	
192479 10 3 *	COHERENT INC	COM	
192479 90 3	COHERENT INC	CALL	
192479 95 3	COHERENT INC	PUT	
19248A 10 9	COHEN & STEERS INFRASTRUCTUR	COM	
19248C 10 5	COHEN & STEERS LTD DUR PFD I	COM	
19248M 10 3	COHEN & STEERS GLOBAL INC BL	COM	
19248P 10 6	COHEN & STEERS CLOSED END OP	COM	
19248Y 10 7	COHEN & STEERS SLT PFD INCM	COM	
19249B 10 6	COHEN & STEERS MLP INC & ENR	COM SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
19249H 10 3 *	COHERUS BIOSCIENCES INC	COM	
19249H 90 3	COHERUS BIOSCIENCES INC	CALL	
19249H 95 3	COHERUS BIOSCIENCES INC	PUT	
19249J 10 9	COHBAR INC	COM	
19249M 10 2	COHEN & CO INC NEW	COM	
192576 10 6 *	COHU INC	COM	
192576 90 6	COHU INC	CALL	
192576 95 6	COHU INC	PUT	
194014 10 6 *	COLFAX CORP	COM	
194014 90 6	COLFAX CORP	CALL	
194014 95 6	COLFAX CORP	PUT	
194162 10 3 *	COLGATE PALMOLIVE CO	COM	
194162 90 3	COLGATE PALMOLIVE CO	CALL	
194162 95 3	COLGATE PALMOLIVE CO	PUT	
19421R 20 0 *	COLLECTORS UNIVERSE INC	COM NEW	
19421R 90 0	COLLECTORS UNIVERSE INC	CALL	
19421R 95 0	COLLECTORS UNIVERSE INC	PUT	
19459J 10 4 *	COLLEGIUM PHARMACEUTICAL INC	COM	
19459J 90 4	COLLEGIUM PHARMACEUTICAL INC	CALL	
19459J 95 4	COLLEGIUM PHARMACEUTICAL INC	PUT	
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	
19516Q 20 8	COLLPLANT HLDGS LTD	SPONSORED ADR NE	
19623P 10 1	COLONY BANKCORP INC	COM	
19624R AA 4	COLONY CAP INC	NOTE 5.000% 4/1	ADDED
19624R AB 2	COLONY CAP INC	NOTE 3.875% 1/1	ADDED
19625T 10 1	COLONY CR REAL ESTATE INC	COM CL A	
19625X AB 8	COLONY STARWOOD HOMES	NOTE 3.500% 1/1	
19626G 10 8 *	COLONY CAP INC NEW	CL A COM	
19626G 90 8	COLONY CAP INC NEW	CALL	
19626G 95 8	COLONY CAP INC NEW	PUT	
197236 10 2 *	COLUMBIA BKG SYS INC	COM	
197236 90 2	COLUMBIA BKG SYS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
197236 95 2	COLUMBIA BKG SYS INC	PUT	
19761L 10 2	COLUMBIA ETF TR I	SUSTANBLE GLBL	
19761L 20 1	COLUMBIA ETF TR I	SUSTNBLE INTL	
19761L 30 0	COLUMBIA ETF TR I	SUSTANABLE US	
19761L 50 8	COLUMBIA ETF TR I	DIVERSIFID FXD	
19761L 60 7	COLUMBIA ETF TR I	MULTI SEC MUNI	ADDED
19762B 10 3	COLUMBIA ETF TR II	BEYOND BRICS ETF	
19762B 20 2	COLUMBIA ETF TR II	EM CORE EX ETF	
19762B 30 1	COLUMBIA ETF TR II	EM QUALITY 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 80 6 *	COLUMBIA ETF TR II	INDIA INFRSR ETF	
19762B 90 6	COLUMBIA ETF TR II	CALL	
19762B 95 6	COLUMBIA ETF TR II	PUT	
19762B 88 9	COLUMBIA ETF TR II	INDIA SML CP ETF	
197641 10 3 *	COLUMBIA FINL INC	COM	
197641 90 3	COLUMBIA FINL INC	CALL	
197641 95 3	COLUMBIA FINL INC	PUT	
198287 20 3 *	COLUMBIA PPTY TR INC	COM NEW	
198287 90 3	COLUMBIA PPTY TR INC	CALL	
198287 95 3	COLUMBIA PPTY TR 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
200340 11 5	COMERICA INC	*W EXP 11/14/201	DELETED
200497 20 4	COMMAND CENTER INC	COM NEW	
20050L 10 0	COMMAND SEC CORP	COM	
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	
203612 10 6	COMMUNITY BANKERS TR CORP	COM	
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	
203668 11 6	COMMUNITY HEALTH SYS INC NEW	RIGHT 12/31/2019	
20368X 10 1	COMMUNITY FINL CORP MD	COM	
20369C 10 6	COMMUNITY HEALTHCARE TR INC	COM	
20369M 10 4	COMMUNITY FIRST BANCSHARES I	COM	
203900 10 5	COMMUNICATIONS SYS INC	COM	
204149 10 8 *	COMMUNITY TR BANCORP INC	COM	
204149 90 8	COMMUNITY TR BANCORP INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
204149 95 8	COMMUNITY TR BANCORP INC	PUT	
204157 10 1	COMMUNITY WEST BANCSHARES	COM	
204166 10 2 *	COMMVAULT SYSTEMS INC	COM	
204166 90 2	COMMVAULT SYSTEMS INC	CALL	
204166 95 2	COMMVAULT SYSTEMS INC	PUT	
20440T 20 1 *	COMPANHIA BRASILEIRA DE DIST	SPN ADR PFD CL A	
20440T 90 1	COMPANHIA BRASILEIRA DE DIST	CALL	
20440T 95 1	COMPANHIA BRASILEIRA DE DIST	PUT	
20440W 10 5 *	COMPANHIA SIDERURGICA NACION	SPONSORED ADR	
20440W 90 5	COMPANHIA SIDERURGICA NACION	CALL	
20440W 95 5	COMPANHIA SIDERURGICA NACION	PUT	
204409 60 1 *	COMPANHIA ENERGETICA DE MINA	SP ADR N-V PFD	
204409 90 1	COMPANHIA ENERGETICA DE MINA	CALL	
204409 95 1	COMPANHIA ENERGETICA DE MINA	PUT	
204409 88 2	COMPANHIA ENERGETICA DE MINA	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 40 7 *	COMPANHIA PARANAENSE ENERG C	SPON ADR PFD	
20441B 90 7	COMPANHIA PARANAENSE ENERG C	CALL	
20441B 95 7	COMPANHIA PARANAENSE ENERG C	PUT	
204429 10 4	COMPANIA CERVECERIAS UNIDAS	SPONSORED ADR	
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 HOLDINGS	SH BEN INT	
20451Q 90 4	COMPASS DIVERSIFIED HOLDINGS	CALL	
20451Q 95 4	COMPASS DIVERSIFIED HOLDINGS	PUT	
20478N AD 2	COMPUCREDIT HLDGS CORP	NOTE 5.875%11/3	
205306 10 3 *	COMPUTER PROGRAMS & SYS INC	COM	
205306 90 3	COMPUTER PROGRAMS & SYS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 INTERNATIONAL INC	CL A	
20564W 10 5 *	COMSCORE INC	COM	
20564W 90 5	COMSCORE INC	CALL	
20564W 95 5	COMSCORE INC	PUT	
205684 20 2	COMSTOCK HLDG COS INC	CL A NEW	
205750 20 1 *	COMSTOCK MNG INC	COM NEW	
205750 90 1	COMSTOCK MNG INC	CALL	
205750 95 1	COMSTOCK MNG 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	
20600T 10 8 *	CONATUS PHARMACEUTICALS INC	COM	
20600T 90 8	CONATUS PHARMACEUTICALS INC	CALL	
20600T 95 8	CONATUS PHARMACEUTICALS INC	PUT	
206022 10 5 *	CONCERT PHARMACEUTICALS INC	COM	
206022 90 5	CONCERT PHARMACEUTICALS INC	CALL	
206022 95 5	CONCERT PHARMACEUTICALS INC	PUT	
20605P 10 1 *	CONCHO RES INC	COM	
20605P 90 1	CONCHO RES INC	CALL	
20605P 95 1	CONCHO RES INC	PUT	
206277 10 5 *	CONCORD MED SVCS HLDGS LTD	SPON ADR CL A	
206277 90 5	CONCORD MED SVCS HLDGS LTD	CALL	
206277 95 5	CONCORD MED SVCS HLDGS LTD	PUT	
206704 10 8	CONCRETE PUMPING HLDGS INC	COM	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
206704 11 6	CONCRETE PUMPING HLDGS INC	*W EXP 08/01/202	ADDED
20676Y 40 3	CONDOR HOSPITALITY TR INC	COM NEW	
206787 10 3 *	CONDUENT INC	COM	
206787 90 3	CONDUENT INC	CALL	
206787 95 3	CONDUENT INC	PUT	
20717E 10 1 *	CONFORMIS INC	COM	
20717E 90 1	CONFORMIS INC	CALL	
20717E 95 1	CONFORMIS INC	PUT	
20731J 10 2	CONIFER HLDGS INC	COM	
207410 AD 3	CONMED CORP	NOTE 2.500%11/1	
207410 10 1 *	CONMED CORP	COM	
207410 90 1	CONMED CORP	CALL	
207410 95 1	CONMED CORP	PUT	
207797 10 1 *	CONNECTICUT WTR SVC INC	COM	
207797 90 1	CONNECTICUT WTR SVC INC	CALL	
207797 95 1	CONNECTICUT WTR SVC INC	PUT	
20786W 10 7 *	CONNECTONE BANCORP INC NEW	COM	
20786W 90 7	CONNECTONE BANCORP INC NEW	CALL	
20786W 95 7	CONNECTONE BANCORP INC NEW	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	
20854L 10 8 *	CONSOL ENERGY INC NEW	COM	
20854L 90 8	CONSOL ENERGY INC NEW	CALL	
20854L 95 8	CONSOL ENERGY INC NEW	PUT	
20855T 10 0	CONSOL COAL RES LP	COM UNIT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
209115 95 4	CONSOLIDATED EDISON INC	PUT	
210226 AB 2	CONSOLIDATED TOMOKA LD CO	NOTE 4.500% 3/1	
210226 10 6	CONSOLIDATED TOMOKA LD CO	COM	
21036P 10 8 *	CONSTELLATION BRANDS INC	CL A	
21036P 90 8	CONSTELLATION BRANDS INC	CALL	
21036P 95 8	CONSTELLATION BRANDS INC	PUT	
21036P 20 7 *	CONSTELLATION BRANDS INC	CL B	
21036P 90 7	CONSTELLATION BRANDS INC	CALL	
21036P 95 7	CONSTELLATION BRANDS INC	PUT	
210373 10 6	CONSTELLATION PHARMCETICLS I	COM	
21044C 10 7	CONSTRUCTION PARTNERS INC	COM CL A	
210502 10 0 *	CONSUMER PORTFOLIO SVCS INC	COM	
210502 90 0	CONSUMER PORTFOLIO SVCS INC	CALL	
210502 95 0	CONSUMER PORTFOLIO SVCS INC	PUT	
21075N 20 4 *	CONTANGO OIL & GAS COMPANY	COM NEW	
21075N 90 4	CONTANGO OIL & GAS COMPANY	CALL	
21075N 95 4	CONTANGO OIL & GAS COMPANY	PUT	
210751 10 3 *	CONTAINER STORE GROUP INC	COM	
210751 90 3	CONTAINER STORE GROUP INC	CALL	
210751 95 3	CONTAINER STORE GROUP INC	PUT	
211171 10 3 *	CONTINENTAL BLDG PRODS INC	COM	
211171 90 3	CONTINENTAL BLDG PRODS INC	CALL	
211171 95 3	CONTINENTAL BLDG PRODS INC	PUT	
211615 30 7	CONTINENTAL MATLS CORP	COM PAR \$0.25	
212015 10 1 *	CONTINENTAL RESOURCES INC	COM	
212015 90 1	CONTINENTAL RESOURCES INC	CALL	
212015 95 1	CONTINENTAL RESOURCES INC	PUT	
212326 10 2	CONTRAFECT CORP	COM	
21234W 20 2	CONTRAVIR PHARMACEUTICALS IN	COM NEW	
21240D 10 7 *	CONTROL4 CORP	COM	
21240D 90 7	CONTROL4 CORP	CALL	
21240D 95 7	CONTROL4 CORP	PUT	
21240E 10 5 *	CONTROLADORA VUELA CIA DE AV	SPON ADR RP 10	
21240E 90 5	CONTROLADORA VUELA CIA DE AV	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
21240E 95 5	CONTROLADORA VUELA CIA DE AV	PUT	
21241B 10 0	CONTURA ENERGY INC	COM	ADDED
212481 10 5	CONVERGEONE HLDGS INC	COM CL A	
212485 AE 6	CONVERGYS CORP	SDCV 5.750% 9/1	
212485 10 6 *	CONVERGYS CORP	COM	DELETED
212485 90 6	CONVERGYS CORP	CALL	DELETED
212485 95 6	CONVERGYS CORP	PUT	DELETED
21640C 10 5	COOL HLDGS INC	COM	
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	
21676P 95 3	COOPER STD HLDGS INC	PUT	
216831 10 7 *	COOPER TIRE & RUBR CO	COM	
216831 90 7	COOPER TIRE & RUBR CO	CALL	
216831 95 7	COOPER TIRE & RUBR CO	PUT	
21718L 10 2	COOTEK CAYMAN INC	SPONSORED ADS	
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	
21833P 90 3	CORBUS PHARMACEUTICALS HLDGS	CALL	
21833P 95 3	CORBUS PHARMACEUTICALS HLDGS	PUT	
218352 10 2 *	CORCEPT THERAPEUTICS INC	COM	
218352 90 2	CORCEPT THERAPEUTICS INC	CALL	
218352 95 2	CORCEPT THERAPEUTICS INC	PUT	
218681 10 4 *	CORE MARK HOLDING CO INC	COM	
218681 90 4	CORE MARK HOLDING CO INC	CALL	
218681 95 4	CORE MARK HOLDING CO INC	PUT	
218683 10 0	CORE MOLDING TECHNOLOGIES IN	COM	
21870Q 10 5 *	CORESITE RLTY CORP	COM	
21870Q 90 5	CORESITE RLTY CORP	CALL	
21870Q 95 5	CORESITE RLTY CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
21870U AA 4	COREENERGY INFRASTRUCTURE TR	NOTE 7.000% 6/1	
21870U 50 2 *	COREENERGY INFRASTRUCTURE TR	COM NEW	
21870U 90 2	COREENERGY INFRASTRUCTURE TR	CALL	
21870U 95 2	COREENERGY INFRASTRUCTURE TR	PUT	
21871D 10 3 *	CORELOGIC INC	COM	
21871D 90 3	CORELOGIC INC	CALL	
21871D 95 3	CORELOGIC INC	PUT	
21871N 10 1 *	CORECIVIC INC	COM	
21871N 90 1	CORECIVIC INC	CALL	
21871N 95 1	CORECIVIC INC	PUT	
21872L 10 4 *	COREPOINT LODGING INC	COM	
21872L 90 4	COREPOINT LODGING INC	CALL	
21872L 95 4	COREPOINT LODGING INC	PUT	
218730 10 9	CORINDUS VASCULAR ROBOTICS I	COM	
21887L 10 7 *	CORIUM INTL INC	COM	DELETED
21887L 90 7	CORIUM INTL INC	CALL	DELETED
21887L 95 7	CORIUM INTL INC	PUT	DELETED
21900C 10 0 *	CORMEDIX INC	COM	
21900C 90 0	CORMEDIX INC	CALL	
21900C 95 0	CORMEDIX INC	PUT	
21924B 30 2	CORNERSTONE STRATEGIC VALUE	COM	
21924U 30 0	CORNERSTONE TOTAL RTRN FD IN	COM	
21925Y 10 3 *	CORNERSTONE ONDEMAND INC	COM	
21925Y 90 3	CORNERSTONE ONDEMAND INC	CALL	
21925Y 95 3	CORNERSTONE ONDEMAND INC	PUT	
219350 10 5 *	CORNING INC	COM	
219350 90 5	CORNING INC	CALL	
219350 95 5	CORNING INC	PUT	
219880 10 1 *	CORPORATE CAP TR INC	COM	DELETED
219880 90 1	CORPORATE CAP TR INC	CALL	DELETED
219880 95 1	CORPORATE CAP TR INC	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
22026V 10 5 *	CORREVIO PHARMA CORP	COM	
22026V 90 5	CORREVIO PHARMA CORP	CALL	
22026V 95 5	CORREVIO PHARMA CORP	PUT	
220485 AB 2	CORSICANTO II DESIGNATED ACT	NOTE 3.500% 1/2	DELETED
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	
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	
22160N 90 9	COSTAR GROUP INC	CALL	
22160N 95 9	COSTAR GROUP INC	PUT	
22163N 10 6 *	COTT CORP QUE	COM	
22163N 90 6	COTT CORP QUE	CALL	
22163N 95 6	COTT CORP QUE	PUT	
221907 10 8	COUNTY BANCORP INC	COM	
222070 20 3 *	COTY INC	COM CL A	
222070 90 3	COTY INC	CALL	
222070 95 3	COTY INC	PUT	
22228P 30 2	COUNTERPATH CORP	COM PAR	
22266L 10 6 *	COUPA SOFTWARE INC	COM	
22266L 90 6	COUPA SOFTWARE INC	CALL	
22266L 95 6	COUPA SOFTWARE INC	PUT	
222795 10 6 *	COUSINS PPTYS INC	COM	
222795 90 6	COUSINS PPTYS INC	CALL	
222795 95 6	COUSINS PPTYS INC	PUT	
22282E 10 2 *	COVANTA HLDG CORP	COM	
22282E 90 2	COVANTA HLDG CORP	CALL	
22282E 95 2	COVANTA HLDG CORP	PUT	
22284P 10 5 *	COVENANT TRANSN GROUP INC	CL A	
22284P 90 5	COVENANT TRANSN GROUP INC	CALL	
22284P 95 5	COVENANT TRANSN GROUP INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
22305A 10 3 *	COVIA HLDGS CORP	COM	
22305A 90 3	COVIA HLDGS CORP	CALL	
22305A 95 3	COVIA HLDGS CORP	PUT	
223622 AB 7	COWEN INC	NOTE 3.000% 3/1	
223622 60 6 *	COWEN INC	CL A NEW	
223622 90 6	COWEN INC	CALL	
223622 95 6	COWEN INC	PUT	
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	
224122 10 1 *	CRAFT BREW ALLIANCE INC	COM	
224122 90 1	CRAFT BREW ALLIANCE INC	CALL	
224122 95 1	CRAFT BREW ALLIANCE INC	PUT	
224399 10 5 *	CRANE CO	COM	
224399 90 5	CRANE CO	CALL	
224399 95 5	CRANE CO	PUT	
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	
225223 30 4 *	CRAY INC	COM NEW	
225223 90 4	CRAY INC	CALL	
225223 95 4	CRAY INC	PUT	
22530J 11 9	CREATIVE REALITIES INC	*W EXP 11/09/202	ADDED
22530J 20 0	CREATIVE REALITIES INC	COM NEW	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 21 7 *	CREDIT SUISSE AG NASSAU BRH	VLCTYSHS 3X S&P	
22539T 90 7	CREDIT SUISSE AG NASSAU BRH	CALL	
22539T 95 7	CREDIT SUISSE AG NASSAU BRH	PUT	
22539T 26 6	CREDIT SUISSE AG NASSAU BRH	XLINK CRD ETN37	
22539T 28 2	CREDIT SUISSE AG NASSAU BRH	XLNKS REIT ETN36	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
22539T 29 0	CREDIT SUISSE AG NASSAU BRH	XLNKS AMLP ETN36	
22539T 39 9	CREDIT SUISSE AG NASSAU BRH	X LNKS MLT ASST	
22539T 45 6	CREDIT SUISSE AG NASSAU BRH	ETN LKD 34	
22539T 59 7	CREDIT SUISSE AG NASSAU BRH	VELOCITY SHS EXC	DELETED
22539U 10 7	CREDIT SUISSE AG NASSAU BRH	FI ENHNCD EUR 50	
225401 10 8 *	CREDIT SUISSE GROUP	SPONSORED ADR	
225401 90 8	CREDIT SUISSE GROUP	CALL	
225401 95 8	CREDIT SUISSE GROUP	PUT	
22542D 28 2	CREDIT SUISSE NASSAU BRH	VLCTYSHS 3X INV	ADDED
22542D 29 0	CREDIT SUISSE NASSAU BRH	VELOCITY SHS ETN	ADDED
22542D 31 6	CREDIT SUISSE NASSAU BRH	3X LONG GOLD	ADDED
22542D 33 2	CREDIT SUISSE NASSAU BRH	VELOCITY SHS DAI	
22542D 36 5 *	CREDIT SUISSE NASSAU BRH	VELOCITY SHS SHO	
22542D 90 5	CREDIT SUISSE NASSAU BRH	CALL	
22542D 95 5	CREDIT SUISSE NASSAU BRH	PUT	
22542D 37 3	CREDIT SUISSE NASSAU BRH	VELOCITY SHS 3X	DELETED
22542D 42 3	CREDIT SUISSE NASSAU BRH	LG CP GRTH ENH	
22542D 44 9	CREDIT SUISSE NASSAU BRH	X LINK SILVER SH	
22542D 48 0 *	CREDIT SUISSE NASSAU BRH	X LINK GOLD SHS	
22542D 90 0	CREDIT SUISSE NASSAU BRH	CALL	
22542D 95 0	CREDIT SUISSE NASSAU BRH	PUT	
22542D 65 4	CREDIT SUISSE NASSAU BRH	3X INVERS SILV	
22542D 67 0	CREDIT SUISSE NASSAU BRH	3X INVERS GOLD	
22542D 68 8	CREDIT SUISSE NASSAU BRH	3X LONG GOLD	DELETED
22542D 82 9	CREDIT SUISSE NASSAU BRH	INVR VIX MDTERM	
22544F 10 3	CREDIT SUISSE HIGH YLD BND F	SH BEN INT	
225447 10 1 *	CREE INC	COM	
225447 90 1	CREE INC	CALL	
225447 95 1	CREE 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	

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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	
22663K 10 7	CRINETICS PHARMACEUTICALS IN	COM	
226718 10 4 *	CRITEO S A	SPONS ADS	
226718 90 4	CRITEO S A	CALL	
226718 95 4	CRITEO S A	PUT	
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	
22822V 10 1 *	CROWN CASTLE INTL CORP NEW	COM	
22822V 90 1	CROWN CASTLE INTL CORP NEW	CALL	
22822V 95 1	CROWN CASTLE INTL CORP NEW	PUT	
22822V 30 9	CROWN CASTLE INTL CORP NEW	6.875% CON PFD A	
228309 10 0 *	CROWN CRAFTS INC	COM	
228309 90 0	CROWN CRAFTS INC	CALL	
228309 95 0	CROWN CRAFTS INC	PUT	
228368 10 6 *	CROWN HOLDINGS INC	COM	
228368 90 6	CROWN HOLDINGS INC	CALL	
228368 95 6	CROWN HOLDINGS INC	PUT	
228903 10 0 *	CRYOLIFE INC	COM	
228903 90 0	CRYOLIFE INC	CALL	
228903 95 0	CRYOLIFE INC	PUT	

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229050 12 5	CRYOPORT INC	*W EXP 07/29/202	
229050 30 7 *	CRYOPORT INC	COM PAR \$0.001	
229050 90 7	CRYOPORT INC	CALL	
229050 95 7	CRYOPORT INC	PUT	
22943F AD 2	CTRIIP COM INTL LTD	NOTE 1.250%10/1	DELETED
22943F AF 7	CTRIIP COM INTL LTD	NOTE 1.000% 7/0	
22943F AH 3	CTRIIP COM INTL LTD	NOTE 1.990% 7/0	
22943F AM 2	CTRIIP COM INTL LTD	NOTE 1.250% 9/1	
22943F 10 0 *	CTRIIP COM INTL LTD	AMERICAN DEP SHS	
22943F 90 0	CTRIIP COM INTL LTD	CALL	
22943F 95 0	CTRIIP COM INTL LTD	PUT	
229663 10 9 *	CUBESMART	COM	
229663 90 9	CUBESMART	CALL	
229663 95 9	CUBESMART	PUT	
229669 10 6 *	CUBIC CORP	COM	
229669 90 6	CUBIC CORP	CALL	
229669 95 6	CUBIC CORP	PUT	
22978P 10 6	CUE BIOPHARMA INC	COM	
229899 10 9 *	CULLEN FROST BANKERS INC	COM	
229899 90 9	CULLEN FROST BANKERS INC	CALL	
229899 95 9	CULLEN FROST BANKERS INC	PUT	
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 CLASS A	
231269 20 0 *	CURIS INC	COM NEW	
231269 90 0	CURIS INC	CALL	
231269 95 0	CURIS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
23131L 10 7 *	CURO GROUP HLDGS CORP	COM	
23131L 90 7	CURO GROUP HLDGS CORP	CALL	
23131L 95 7	CURO GROUP HLDGS CORP	PUT	
231561 10 1 *	CURTISS WRIGHT CORP	COM	
231561 90 1	CURTISS WRIGHT CORP	CALL	
231561 95 1	CURTISS WRIGHT CORP	PUT	
23162T 10 2	CUSHING ENERGY INCOME	COM SH BEN INT	
23163L 10 8	CUSHING ETF TRUST	ENRGY &MLP ETF	ADDED
23163L 20 7	CUSHING ETF TRUST	UTILITY & MLP	ADDED
23163L 30 6	CUSHING ETF TRUST	TRNSPRTN & MLP	ADDED
23163L 40 5	CUSHING ETF TRUST	ENRGY SC & MLP	ADDED
231631 20 1	THE CUSHING MLP INFASPCR TOT	COM NEW	
231647 10 8	CUSHING RENAISSANCE FD	COM	
23204G 10 0 *	CUSTOMERS BANCORP INC	COM	
23204G 90 0	CUSTOMERS BANCORP INC	CALL	
23204G 95 0	CUSTOMERS BANCORP INC	PUT	
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	
232517 10 2	CYBEROPTICS CORP	COM	
23254L 20 7	CYCLACEL PHARMACEUTICALS INC	PFD CONV EX 6%	
23254L 40 5 *	CYCLACEL PHARMACEUTICALS INC	COM PAR	
23254L 90 5	CYCLACEL PHARMACEUTICALS INC	CALL	
23254L 95 5	CYCLACEL PHARMACEUTICALS INC	PUT	
23257D 10 3 *	CYMABAY THERAPEUTICS INC	COM	
23257D 90 3	CYMABAY THERAPEUTICS INC	CALL	
23257D 95 3	CYMABAY THERAPEUTICS INC	PUT	
23258P 10 5	CYNERGISTEK INC	COM	
232751 10 7	CYPRESS ENERGY PARTNERS LP	LTD PARTNER INT	
232806 AM 1	CYPRESS SEMICONDUCTOR CORP	NOTE 4.500% 1/1	
232806 AP 4	CYPRESS SEMICONDUCTOR CORP	NOTE 2.000% 2/0	ADDED
232806 10 9 *	CYPRESS SEMICONDUCTOR CORP	COM	
232806 90 9	CYPRESS SEMICONDUCTOR CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
232806 95 9	CYPRESS SEMICONDUCTOR CORP	PUT	
23282W 60 5 *	CYTOKINETICS INC	COM NEW	
23282W 90 5	CYTOKINETICS INC	CALL	
23282W 95 5	CYTOKINETICS INC	PUT	
232828 60 8 *	CYTRX CORP	COM PAR	
232828 90 8	CYTRX CORP	CALL	
232828 95 8	CYTRX CORP	PUT	
23283K 12 1	CYTORI THERAPEUTICS INC	*W EXP 12/09/201	DELETED
23283K 13 9	CYTORI THERAPEUTICS INC	*W EXP 05/28/202	
23283K 40 2 *	CYTORI THERAPEUTICS INC	COM PAR	
23283K 90 2	CYTORI THERAPEUTICS INC	CALL	
23283K 95 2	CYTORI THERAPEUTICS INC	PUT	
23283R 10 0 *	CYRUSONE INC	COM	
23283R 90 0	CYRUSONE INC	CALL	
23283R 95 0	CYRUSONE INC	PUT	
23283X 20 6 *	CYTOSORBENTS CORP	COM NEW	
23283X 90 6	CYTOSORBENTS CORP	CALL	
23283X 95 6	CYTOSORBENTS CORP	PUT	
23284F 10 5 *	CYTOMX THERAPEUTICS INC	COM	
23284F 90 5	CYTOMX THERAPEUTICS INC	CALL	
23284F 95 5	CYTOMX THERAPEUTICS INC	PUT	
23291C 10 3 *	DMC GLOBAL INC	COM	
23291C 90 3	DMC GLOBAL INC	CALL	
23291C 95 3	DMC GLOBAL INC	PUT	
23291E 10 9	DFB HEALTHCARE ACQUISTION CO	COM	
23291E 11 7	DFB HEALTHCARE ACQUISTION CO	*W EXP 04/11/202	
23291E 20 8	DFB HEALTHCARE ACQUISTION CO	UNIT 01/30/2023	
23305L 20 6 *	DASAN ZHONE SOLUTIONS INC	COM NEW	
23305L 90 6	DASAN ZHONE SOLUTIONS INC	CALL	
23305L 95 6	DASAN ZHONE SOLUTIONS INC	PUT	
233051 10 1	DBX ETF TR	XTRACK MSCI EMRG	
233051 19 2	DBX ETF TR	XTKR MSCI ACWI	ADDED
233051 20 0 *	DBX ETF TR	XTRACK MSCI EAFE	
233051 90 0	DBX ETF TR	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
233051 95 0	DBX ETF TR	PUT	
233051 21 8	DBX ETF TR	XTRACKERS MSCI	
233051 22 6	DBX ETF TR	XTKR MSCI EMRG	ADDED
233051 24 2	DBX ETF TR	XTRACKERS RUSE	
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 44 0	DBX ETF TR	XTRACK RUSS 2000	
233051 46 5	DBX ETF TR	XTRCK BRCLY INTL	
233051 47 3	DBX ETF TR	XTRCK BRCLY TRSY	
233051 48 1	DBX ETF TR	XTRACK RUSS 1000	
233051 49 9	DBX ETF TR	XTRACK FTSE EMRG	
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	XTRACK FTSE US	
233051 52 3	DBX ETF TR	XTRACK MSCI CHIN	
233051 53 1	DBX ETF TR	XTRACKRS MSCI	ADDED
233051 55 6	DBX ETF TR	XTRCK GERMNY EQT	
233051 56 4	DBX ETF TR	XTRCK EURZON EQT	
233051 59 8	DBX ETF TR	XTRACK MSCI ALL	
233051 63 0	DBX ETF TR	XTRACK MSCI EAFE	
233051 66 3	DBX ETF TR	XTRACK JAPAN JPX	
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 EMRING MKT	
233051 73 9	DBX ETF TR	XTRCK INVTNT GRD	
233051 74 7	DBX ETF TR	XTRCK HIGH YIELD	
233051 75 4 *	DBX ETF TR	XTRACK CSI 500 A	
233051 90 4	DBX ETF TR	CALL	

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233051 95 4	DBX ETF TR	PUT	
233051 76 2	DBX ETF TR	XTRACK MSCI CHNA	
233051 81 2	DBX ETF TR	XTRACK MSCI SOUT	
233051 82 0	DBX ETF TR	XTRACK MSCI ALL	
233051 84 6	DBX ETF TR	XTRACK MSCI ASIA	
233051 85 3 *	DBX ETF TR	XTRACK MSCI EURP	
233051 90 3	DBX ETF TR	CALL	
233051 95 3	DBX ETF TR	PUT	
233051 86 1	DBX ETF TR	XTRACK MSCI UK	
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	
23311P 10 0 *	DCP MIDSTREAM LP	COM UT LTD PTN	
23311P 90 0	DCP MIDSTREAM LP	CALL	
23311P 95 0	DCP MIDSTREAM LP	PUT	
23317H 85 4 *	DDR CORP	COM	DELETED
23317H 90 4	DDR CORP	CALL	DELETED
23317H 95 4	DDR CORP	PUT	DELETED
23323G 10 6	DGSE COMPANIES INC	COM	
233237 10 6	DNB FINL CORP	COM	
23325P 10 4	DNP SELECT INCOME FD	COM	
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	
23332B 10 6 *	DSP GROUP INC	COM	
23332B 90 6	DSP GROUP INC	CALL	
23332B 95 6	DSP GROUP INC	PUT	
233331 10 7 *	DTE ENERGY CO	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
233331 90 7	DTE ENERGY CO	CALL	
233331 95 7	DTE ENERGY CO	PUT	
233331 88 3	DTE ENERGY CO	UNIT 99/99/9999	
23334J 10 7	DTF TAX-FREE INCOME INC	COM	
23334L 10 2 *	DSW INC	CL A	
23334L 90 2	DSW INC	CALL	
23334L 95 2	DSW INC	PUT	
23335Q 10 0	DLH HLDGS CORP	COM	
23335S AB 2	DHT HOLDINGS INC	DEBT 4.500%10/0	
233368 10 9	DWS MUN INCOME TR NEW	COM	
233377 40 7 *	DXP ENTERPRISES INC NEW	COM NEW	
233377 90 7	DXP ENTERPRISES INC NEW	CALL	
233377 95 7	DXP ENTERPRISES INC NEW	PUT	
23342Q 10 1	DWS STRATEGIC MUN INCOME TR	COM	
23355L 10 6 *	DXC TECHNOLOGY CO	COM	
23355L 90 6	DXC TECHNOLOGY CO	CALL	
23355L 95 6	DXC TECHNOLOGY CO	PUT	
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	
235825 20 5 *	DANA INCORPORATED	COM	
235825 90 5	DANA INCORPORATED	CALL	
235825 95 5	DANA INCORPORATED	PUT	
235851 AE 2	DANAHER CORP DEL	DEBT 1/2	
235851 AF 9	DANAHER CORP DEL	DCV 1/2	
235851 10 2 *	DANAHER CORP DEL	COM	
235851 90 2	DANAHER CORP DEL	CALL	
235851 95 2	DANAHER CORP DEL	PUT	
23666P 10 1 *	DARE BIOSCIENCE INC	COM	
23666P 90 1	DARE BIOSCIENCE INC	CALL	
23666P 95 1	DARE BIOSCIENCE INC	PUT	
23703Q 20 3 *	DAQO NEW ENERGY CORP	SPNSRD ADR NEW	
23703Q 90 3	DAQO NEW ENERGY CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 10 0	DARIOHEALTH CORP	COM	
23725P 11 8	DARIOHEALTH CORP	*W EXP 03/08/202	
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	
23753F 11 5	DASEKE INC	*W EXP 02/27/202	
237690 10 2 *	DATA I O CORP	COM	
237690 90 2	DATA I O CORP	CALL	
237690 95 2	DATA I O CORP	PUT	
237917 20 8 *	DATAWATCH CORP	COM NEW	DELETED
237917 90 8	DATAWATCH CORP	CALL	DELETED
237917 95 8	DATAWATCH CORP	PUT	DELETED
238116 20 6	DATASEA INC	COM NEW	ADDED
238337 10 9 *	DAVE & BUSTERS ENTMT INC	COM	
238337 90 9	DAVE & BUSTERS ENTMT INC	CALL	
238337 95 9	DAVE & BUSTERS ENTMT INC	PUT	
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	

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239360 90 0	DAWSON GEOPHYSICAL CO NEW	CALL	
239360 95 0	DAWSON GEOPHYSICAL CO NEW	PUT	
239467 10 3	DAXOR CORP	COM	
242370 20 3 *	DEAN FOODS CO NEW	COM NEW	
242370 90 3	DEAN FOODS CO NEW	CALL	
242370 95 3	DEAN FOODS CO NEW	PUT	
24344T 10 1 *	DECIPHERA PHARMACEUTICALS IN	COM	
24344T 90 1	DECIPHERA PHARMACEUTICALS IN	CALL	
24344T 95 1	DECIPHERA PHARMACEUTICALS IN	PUT	
243537 10 7 *	DECKERS OUTDOOR CORP	COM	
243537 90 7	DECKERS OUTDOOR CORP	CALL	
243537 95 7	DECKERS OUTDOOR CORP	PUT	
244199 10 5 *	DEERE & CO	COM	
244199 90 5	DEERE & CO	CALL	
244199 95 5	DEERE & CO	PUT	
245077 10 2 *	DEL FRISCOS RESTAURANT GROUP	COM	
245077 90 2	DEL FRISCOS RESTAURANT GROUP	CALL	
245077 95 2	DEL FRISCOS RESTAURANT GROUP	PUT	
245496 10 4 *	DEL TACO RESTAURANTS INC	COM	
245496 90 4	DEL TACO RESTAURANTS INC	CALL	
245496 95 4	DEL TACO RESTAURANTS INC	PUT	
245496 11 2	DEL TACO RESTAURANTS INC	*W EXP 06/30/202	
245915 10 3	DELAWARE INVTS DIV & INCOME	COM	
246060 10 7	DELAWARE ENHANCED GBL DIV &	COM	
24610T 10 8	DELAWARE INVT NAT MUNI INC F	SH BEN INT	
24610V 10 3	DELAWARE INV MN MUN INC FD I	COM	
246101 10 9	DELAWARE INV CO MUN INC FD I	COM	
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	
24703L 10 3 *	DELL TECHNOLOGIES INC	COM CL V	DELETED

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24703L 90 3	DELL TECHNOLOGIES INC	CALL	DELETED
24703L 95 3	DELL TECHNOLOGIES INC	PUT	DELETED
24703L 20 2 *	DELL TECHNOLOGIES INC	CL C	ADDED
24703L 90 2	DELL TECHNOLOGIES INC	CALL	ADDED
24703L 95 2	DELL TECHNOLOGIES INC	PUT	ADDED
247078 20 7	DELMAR PHARMACEUTICALS INC	COM NEW	
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	
247916 20 8 *	DENBURY RES INC	COM NEW	
247916 90 8	DENBURY RES INC	CALL	
247916 95 8	DENBURY RES 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	
24983L AB 0	DERMIRA INC	NOTE 3.000% 5/1	
24983L 10 4 *	DERMIRA INC	COM	
24983L 90 4	DERMIRA INC	CALL	
24983L 95 4	DERMIRA INC	PUT	
249906 10 8 *	DESCARTES SYS GROUP INC	COM	
249906 90 8	DESCARTES SYS GROUP INC	CALL	

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249906 95 8	DESCARTES SYS GROUP INC	PUT	
249908 AA 2	ASSERTIO THERAPEUTICS INC	NOTE 2.500% 9/0	ADDED
250639 10 1	DESWELL INDS INC	COM	
25065D 10 0 *	DESTINATION MATERNITY CORP	COM	
25065D 90 0	DESTINATION MATERNITY CORP	CALL	
25065D 95 0	DESTINATION MATERNITY CORP	PUT	
25065K 10 4 *	DESTINATION XL GROUP INC	COM	
25065K 90 4	DESTINATION XL GROUP INC	CALL	
25065K 95 4	DESTINATION XL GROUP INC	PUT	
250660 10 7	DETERMINE INC	COM	DELETED
25153Q 65 8	DEUTSCHE BK AG LONDON	ETN DJ HY 2022	
25153Q 70 8	DEUTSCHE BK AG LONDON	ELE MORN TTL22	
25154H 46 7	DEUTSCHE BK AG LDN BRH	DB COMMOD SHRT	
25154H 47 5	DEUTSCHE BK AG LDN BRH	DB COM DBLE LNG	
25154H 53 3	DEUTSCHE BK AG LDN BRH	DB AGRIC LNG ETN	
25154H 55 8	DEUTSCHE BK AG LDN BRH	DB AGRIC DBL LN	
25154H 73 1	DEUTSCHE BK AG LDN BRH	DB GOLD SHORT	
25154H 74 9	DEUTSCHE BK AG LDN BRH	DB GOLD DBL LNG	
25154H 75 6 *	DEUTSCHE BK AG LDN BRH	GOLD DOUBLE SHOR	
25154H 90 6	DEUTSCHE BK AG LDN BRH	CALL	
25154H 95 6	DEUTSCHE BK AG LDN BRH	PUT	
25154K 80 9	DEUTSCHE BK AG LONDON BRH	DB CRUDE OIL DBL	
25154K 83 3	DEUTSCHE BK AG LONDON BRH	DB BASE MET SHRT	
25154K 84 1	DEUTSCHE BK AG LONDON BRH	DB BASE MET DBL	
25154K 85 8	DEUTSCHE BK AG LONDON BRH	DB BASE MET DBL	
25154K 86 6	DEUTSCHE BK AG LONDON BRH	DB CRUDE OIL LNG	
25154K 87 4	DEUTSCHE BK AG LONDON BRH	DB CRUD OIL SHR	
25155L 29 3	DEUTSCHE BK AG LONDON BRH	FI ENH GLOBAL HY	
25160E 10 2	DEUTSCHE MULTI-MKT INCOME TR	SHS	DELETED
25160F 10 9	DEUTSCHE STRATEGIC INCOME TR	SHS	DELETED
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 AF 4	DEXCOM INC	NOTE 0.750% 5/1	

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252131 10 7 *	DEXCOM INC	COM	
252131 90 7	DEXCOM INC	CALL	
252131 95 7	DEXCOM INC	PUT	
252406 15 2 *	DHX MEDIA LTD	COM VAR VTG	
252406 90 2	DHX MEDIA LTD	CALL	
252406 95 2	DHX MEDIA LTD	PUT	
25243Q 20 5 *	DIAGEO P L C	SPON ADR NEW	
25243Q 90 5	DIAGEO P L C	CALL	
25243Q 95 5	DIAGEO P L C	PUT	
25253X 20 7	DIAMEDICA THERAPEUTICS INC	COM NEW	ADDED
25264R 20 7	DIAMOND HILL INVESTMENT GROU	COM NEW	
25271C 10 2 *	DIAMOND OFFSHORE DRILLING IN	COM	
25271C 90 2	DIAMOND OFFSHORE DRILLING IN	CALL	
25271C 95 2	DIAMOND OFFSHORE DRILLING IN	PUT	
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	
253031 10 8 *	DICERNA PHARMACEUTICALS INC	COM	
253031 90 8	DICERNA PHARMACEUTICALS INC	CALL	
253031 95 8	DICERNA PHARMACEUTICALS INC	PUT	
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 NXDF INC	COM	
253651 90 3	DIEBOLD NXDF INC	CALL	
253651 95 3	DIEBOLD NXDF INC	PUT	
25374L 10 8 *	DIFFERENTIAL BRANDS GROUP IN	COM	DELETED
25374L 90 8	DIFFERENTIAL BRANDS GROUP IN	CALL	DELETED
25374L 95 8	DIFFERENTIAL BRANDS GROUP IN	PUT	DELETED
253748 20 6	DIFFUSION PHARMACEUTICALS IN	COM NEW	DELETED
253748 30 5	DIFFUSION PHARMACEUTICALS IN	COM PAR	ADDED

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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	
25382P 20 8	DIGITAL ALLY INC	COM NEW	
253827 10 9 *	DIGIRAD CORP	COM	
253827 90 9	DIGIRAD CORP	CALL	
253827 95 9	DIGIRAD CORP	PUT	
253868 10 3 *	DIGITAL RLTY TR INC	COM	
253868 90 3	DIGITAL RLTY TR INC	CALL	
253868 95 3	DIGITAL RLTY TR INC	PUT	
253922 10 8 *	DIME CMNTY BANCSHARES	COM	
253922 90 8	DIME CMNTY BANCSHARES	CALL	
253922 95 8	DIME CMNTY BANCSHARES	PUT	
25400W 10 2 *	DIGITAL TURBINE INC	COM NEW	
25400W 90 2	DIGITAL TURBINE INC	CALL	
25400W 95 2	DIGITAL TURBINE INC	PUT	
254067 10 1 *	DILLARDS INC	CL A	
254067 90 1	DILLARDS INC	CALL	
254067 95 1	DILLARDS INC	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	
254543 10 1 *	DIODES INC	COM	
254543 90 1	DIODES INC	CALL	
254543 95 1	DIODES INC	PUT	
25456K 10 1 *	DIPLOMAT PHARMACY INC	COM	
25456K 90 1	DIPLOMAT PHARMACY INC	CALL	
25456K 95 1	DIPLOMAT PHARMACY 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25459W 41 7 *	DIREXION SHS ETF TR	RETAIL BULL 3X	
25459W 90 7	DIREXION SHS ETF TR	CALL	
25459W 95 7	DIREXION SHS ETF TR	PUT	
25459W 45 8 *	DIREXION SHS ETF TR	DLY SCOND 3XBU	
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	DLY R/E BULL3X	
25459W 90 5	DIREXION SHS ETF TR	CALL	
25459W 95 5	DIREXION SHS ETF TR	PUT	
25459W 77 1 *	DIREXION SHS ETF TR	DL FTSE BLL 3X	
25459W 90 1	DIREXION SHS ETF TR	CALL	
25459W 95 1	DIREXION SHS ETF TR	PUT	
25459W 78 9 *	DIREXION SHS ETF TR	DLY DEV MKT BULL	
25459W 90 9	DIREXION SHS ETF TR	CALL	
25459W 95 9	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	
25459W 88 8 *	DIREXION SHS ETF TR	DLY ENRGY BULL3X	

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25459W 90 8	DIREXION SHS ETF TR	CALL	
25459W 95 8	DIREXION SHS ETF TR	PUT	
25459Y 10 8	DIREXION SHS ETF TR	7-10YR TR BEAR	
25459Y 11 6 *	DIREXION SHS ETF TR	CSI300 CHINA1X	
25459Y 90 6	DIREXION SHS ETF TR	CALL	
25459Y 95 6	DIREXION SHS ETF TR	PUT	
25459Y 13 2	DIREXION SHS ETF TR	DAILY RGNAL BULL	
25459Y 16 5	DIREXION SHS ETF TR	DLY S&P500 2XS	
25459Y 18 1	DIREXION SHS ETF TR	SML CP BULL 2X	
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	
25459Y 95 0	DIREXION SHS ETF TR	PUT	
25459Y 29 8	DIREXION SHS ETF TR	ZACKS MLP HG INC	
25459Y 30 6	DIREXION SHS ETF TR	TL BD MKT BEAR	
25459Y 35 5 *	DIREXION SHS ETF TR	DLY DEV MKT BEAR	
25459Y 90 5	DIREXION SHS ETF TR	CALL	
25459Y 95 5	DIREXION SHS ETF TR	PUT	
25459Y 36 3 *	DIREXION SHS ETF TR	DLY R/E BEAR3X	
25459Y 90 3	DIREXION SHS ETF TR	CALL	
25459Y 95 3	DIREXION SHS ETF TR	PUT	
25459Y 40 5	DIREXION SHS ETF TR	20YR TRES BEAR	
25459Y 41 3 *	DIREXION SHS ETF TR	DLY JPN BULL 3X	
25459Y 90 3	DIREXION SHS ETF TR	CALL	
25459Y 95 3	DIREXION SHS ETF TR	PUT	
25459Y 52 0	DIREXION SHS ETF TR	DRX DLYSOKOR3X	
25459Y 67 8 *	DIREXION SHS ETF TR	20YR TRES BEAR	
25459Y 90 8	DIREXION SHS ETF TR	CALL	
25459Y 95 8	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	

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25459Y 70 2	DIREXION SHS ETF TR	DLY CNSMR STPL	ADDED
25459Y 76 9	DIREXION SHS ETF TR	ALL CP INSIDER	
25459Y 78 5	DIREXION SHS ETF TR	DLY CNMSR BULL	ADDED
25459Y 80 1	DIREXION SHS ETF TR	DLY CNMSR BULL	ADDED
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	
25459Y 88 4	DIREXION SHS ETF TR	DLY CNSMR DIS	ADDED
25460E 30 7	DIREXION SHS ETF TR	AUSPCE CMD STG	
25460E 50 5 *	DIREXION SHS ETF TR	DAILY CS 2X SH	
25460E 90 5	DIREXION SHS ETF TR	CALL	
25460E 95 5	DIREXION SHS ETF TR	PUT	
25460E 51 3	DIREXION SHS ETF TR	DLY ROB AI 3X	
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 53 9 *	DIREXION SHS ETF TR	DAILY S&P BIOTEC	
25460E 90 9	DIREXION SHS ETF TR	CALL	
25460E 95 9	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 55 4 *	DIREXION SHS ETF TR	DAILY ENERGY BEA	
25460E 90 4	DIREXION SHS ETF TR	CALL	
25460E 95 4	DIREXION SHS ETF TR	PUT	
25460E 56 2 *	DIREXION SHS ETF TR	DAILY TECHNOLOGY	
25460E 90 2	DIREXION SHS ETF TR	CALL	
25460E 95 2	DIREXION SHS ETF TR	PUT	
25460E 59 6	DIREXION SHS ETF TR	PORTFLIOPLS DEV	
25460E 61 2	DIREXION SHS ETF TR	PORTFLIOPLS EMG	
25460E 63 8	DIREXION SHS ETF TR	PORTFLIOPLS S&PMD	
25460E 64 6	DIREXION SHS ETF TR	DAILY PHARMA	
25460E 65 3	DIREXION SHS ETF TR	DLY EUR STX 3X	
25460E 66 1 *	DIREXION SHS ETF TR	DLY AEROSPC 3X	

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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 71 1	DIREXION SHS ETF TR	DLY UTLTIES 3X	
25460E 73 7	DIREXION SHS ETF TR	DLY INDL BU 3X	
25460E 75 2	DIREXION SHS ETF TR	DLY MSCI MX 3X	
25460E 80 2	DIREXION SHS ETF TR	DLY RGNAL BKS 3X	
25460E 82 8 *	DIREXION SHS ETF TR	DAILY RUSSIA 3X	
25460E 90 8	DIREXION SHS ETF TR	CALL	
25460E 95 8	DIREXION SHS ETF TR	PUT	
25460E 83 6 *	DIREXION SHS ETF TR	DLY SEMICNDTR 3X	
25460E 90 6	DIREXION SHS ETF TR	CALL	
25460E 95 6	DIREXION SHS ETF TR	PUT	
25460E 84 4 *	DIREXION SHS ETF TR	DLY GOLD INDX 3X	
25460E 90 4	DIREXION SHS ETF TR	CALL	
25460E 95 4	DIREXION SHS ETF TR	PUT	
25460E 85 1 *	DIREXION SHS ETF TR	DAILY JR BULL 3X	
25460E 90 1	DIREXION SHS ETF TR	CALL	
25460E 95 1	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	
25460E 87 7 *	DIREXION SHS ETF TR	DLY JR GOLD 3X	
25460E 90 7	DIREXION SHS ETF TR	CALL	
25460E 95 7	DIREXION SHS ETF TR	PUT	
25460E 88 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	
254687 10 6 *	DISNEY WALT CO	COM DISNEY	
254687 90 6	DISNEY WALT CO	CALL	
254687 95 6	DISNEY WALT CO	PUT	
25470F 10 4 *	DISCOVERY INC	COM SER A	
25470F 90 4	DISCOVERY INC	CALL	
25470F 95 4	DISCOVERY INC	PUT	

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25470F 20 3	DISCOVERY INC	COM SER B	
25470F 30 2 *	DISCOVERY INC	COM SER C	
25470F 90 2	DISCOVERY INC	CALL	
25470F 95 2	DISCOVERY INC	PUT	
25470M AB 5	DISH NETWORK CORP	NOTE 3.375% 8/1	
25470M AD 1	DISH NETWORK CORP	NOTE 2.375% 3/1	
25470M 10 9 *	DISH NETWORK CORP	CL A	
25470M 90 9	DISH NETWORK CORP	CALL	
25470M 95 9	DISH NETWORK CORP	PUT	
254709 10 8 *	DISCOVER FINL SVCS	COM	
254709 90 8	DISCOVER FINL SVCS	CALL	
254709 95 8	DISCOVER FINL SVCS	PUT	
25490K 10 9	DIREXION SHS ETF TR	PRTFIOPLS S&P500	
25490K 11 7 *	DIREXION SHS ETF TR	DAILY NAT GAS RE	
25490K 90 7	DIREXION SHS ETF TR	CALL	
25490K 95 7	DIREXION SHS ETF TR	PUT	
25490K 12 5 *	DIREXION SHS ETF TR	DAILY S&P OIL	
25490K 90 5	DIREXION SHS ETF TR	CALL	
25490K 95 5	DIREXION SHS ETF TR	PUT	
25490K 13 3 *	DIREXION SHS ETF TR	DAILY GOLD MINER	
25490K 90 3	DIREXION SHS ETF TR	CALL	
25490K 95 3	DIREXION SHS ETF TR	PUT	
25490K 16 6	DIREXION SHS ETF TR	DAILY EUROPEAN	
25490K 19 0	DIREXION SHS ETF TR	DAILY HIGH YLD	
25490K 20 8	DIREXION SHS ETF TR	PORTFIOPLS S&PSM	
25490K 27 3 *	DIREXION SHS ETF TR	DLY RUSSIA BL 3X	
25490K 90 3	DIREXION SHS ETF TR	CALL	
25490K 95 3	DIREXION SHS ETF TR	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 29 9 *	DIREXION SHS ETF TR	LTN AM BL 3X NEW	
25490K 90 9	DIREXION SHS ETF TR	CALL	
25490K 95 9	DIREXION SHS ETF TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25490K 31 5 *	DIREXION SHS ETF TR	BRZ BL 3X SH NEW	
25490K 90 5	DIREXION SHS ETF TR	CALL	
25490K 95 5	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 IND BUL 3X	
25490K 90 1	DIREXION SHS ETF TR	CALL	
25490K 95 1	DIREXION SHS ETF TR	PUT	
25490K 34 9 *	DIREXION SHS ETF TR	DLY NATRL GAS 3X	
25490K 90 9	DIREXION SHS ETF TR	CALL	
25490K 95 9	DIREXION SHS ETF TR	PUT	
25490K 35 6 *	DIREXION SHS ETF TR	OIL GAS BL 3X SH	
25490K 90 6	DIREXION SHS ETF TR	CALL	
25490K 95 6	DIREXION SHS ETF TR	PUT	
25490K 52 1 *	DIREXION SHS ETF TR	DAILY SM CAP BEA	
25490K 90 1	DIREXION SHS ETF TR	CALL	
25490K 95 1	DIREXION SHS ETF TR	PUT	
25490K 53 9 *	DIREXION SHS ETF TR	DAILY FINL BEAR	
25490K 90 9	DIREXION SHS ETF TR	CALL	
25490K 95 9	DIREXION SHS ETF TR	PUT	
25490K 59 6	DIREXION SHS ETF TR	DALY HOM B&S BUL	
25490K 81 0 *	DIREXION SHS ETF TR	MD CP BEAR 3X NW	
25490K 90 0	DIREXION SHS ETF TR	CALL	
25490K 95 0	DIREXION SHS 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	
25501G 10 5 *	DITECH HLDG CORP	COM	DELETED
25501G 90 5	DITECH HLDG CORP	CALL	DELETED
25501G 95 5	DITECH HLDG CORP	PUT	DELETED
25501G 11 3	DITECH HLDG CORP	*W EXP 02/09/202	DELETED
25501G 12 1	DITECH HLDG CORP	*W EXP 02/09/202	DELETED
255104 10 1	DIVERSICARE HEALTHCARE SVCS	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25532M 10 5	DIVERSIFIED RSTRNT HLDGS INC	COM	
25538A 20 4	DIVIDEND & INCOME FUND	COM NEW	
255519 10 0 *	DIXIE GROUP INC	CL A	
255519 90 0	DIXIE GROUP INC	CALL	
255519 95 0	DIXIE GROUP 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	
25614T 20 0 *	DOCUMENT SEC SYS INC	COM NEW	
25614T 90 0	DOCUMENT SEC SYS INC	CALL	
25614T 95 0	DOCUMENT SEC SYS INC	PUT	
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	
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 10 0	DOLPHIN ENTMT INC	COM	
25686H 11 8	DOLPHIN ENTMT INC	*W EXP 12/26/202	
257454 10 8 *	DOMINION ENERGY MIDSTRM PRTN	COM UT REP LTD	
257454 90 8	DOMINION ENERGY MIDSTRM PRTN	CALL	
257454 95 8	DOMINION ENERGY MIDSTRM PRTN	PUT	
25746U 10 9 *	DOMINION ENERGY INC	COM	
25746U 90 9	DOMINION ENERGY INC	CALL	
25746U 95 9	DOMINION ENERGY INC	PUT	
25746U 83 6	DOMINION ENERGY INC	UNIT 08/15/2019	
25754A 20 1 *	DOMINOS PIZZA INC	COM	
25754A 90 1	DOMINOS PIZZA INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
257559 20 3 *	DOMTAR CORP	COM NEW	
257559 90 3	DOMTAR CORP	CALL	
257559 95 3	DOMTAR CORP	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	
257867 20 0 *	DONNELLEY R R & SONS CO	COM	
257867 90 0	DONNELLEY R R & SONS CO	CALL	
257867 95 0	DONNELLEY R R & SONS CO	PUT	
25787G 10 0 *	DONNELLEY FINL SOLUTIONS INC	COM	
25787G 90 0	DONNELLEY FINL SOLUTIONS INC	CALL	
25787G 95 0	DONNELLEY FINL SOLUTIONS 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 PRODUCTS INC	COM	
258278 90 0	DORMAN PRODUCTS INC	CALL	
258278 95 0	DORMAN PRODUCTS INC	PUT	
258622 10 9 *	DOUBLELINE INCOME SOLUTIONS	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25960R 90 5	DOUGLAS DYNAMICS INC	CALL	
25960R 95 5	DOUGLAS DYNAMICS INC	PUT	
25985T 10 2 *	DOVA PHARMACEUTICALS INC	COM	
25985T 90 2	DOVA PHARMACEUTICALS INC	CALL	
25985T 95 2	DOVA PHARMACEUTICALS INC	PUT	
260003 10 8 *	DOVER CORP	COM	
260003 90 8	DOVER CORP	CALL	
260003 95 8	DOVER CORP	PUT	
260095 10 4 *	DOVER DOWNS GAMING & ENTMT I	COM	
260095 90 4	DOVER DOWNS GAMING & ENTMT I	CALL	
260095 95 4	DOVER DOWNS GAMING & ENTMT I	PUT	
260174 10 7 *	DOVER MOTORSPORTS INC	COM	
260174 90 7	DOVER MOTORSPORTS INC	CALL	
260174 95 7	DOVER MOTORSPORTS INC	PUT	
26078J 10 0 *	DOWDUPONT INC	COM	
26078J 90 0	DOWDUPONT INC	CALL	
26078J 95 0	DOWDUPONT INC	PUT	
26140E 10 5 *	DPW HLDGS INC	COM	
26140E 90 5	DPW HLDGS INC	CALL	
26140E 95 5	DPW HLDGS INC	PUT	
26146L 10 3	DRAPER OAKWOOD TECHNOLOGY	COM CL A	DELETED
26146L 11 1	DRAPER OAKWOOD TECHNOLOGY	*W EXP 09/19/202	DELETED
26146L 12 9	DRAPER OAKWOOD TECHNOLOGY	RIGHT 09/19/2018	DELETED
26146L 20 2	DRAPER OAKWOOD TECHNOLOGY	UNIT 09/30/2024	DELETED
26152H 30 1 *	DRDGOLD LIMITED	SPON ADR REPSTG	
26152H 90 1	DRDGOLD LIMITED	CALL	
26152H 95 1	DRDGOLD LIMITED	PUT	
26189A 10 5	DREYFUS ALCENTRA GBL CR INCO	COM	
261932 10 7	DREYFUS STRATEGIC MUNS INC	COM	
26200S 10 1	DREYFUS HIGH YIELD STRATEGIE	SH BEN INT	
26201R 10 2	DREYFUS MUN INCOME INC	COM	
26202F 10 7	DREYFUS STRATEGIC MUN BD FD	COM	
26203D 10 1 *	DREYFUS MUN BD INFRSTRCTR FD	SHS	
26203D 90 1	DREYFUS MUN BD INFRSTRCTR FD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26203D 95 1	DREYFUS MUN BD INFRSTRCTR FD	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	
262077 90 0	DRIVE SHACK INC	CALL	
262077 95 0	DRIVE SHACK INC	PUT	
26210C 10 4 *	DROPBOX INC	CL A	
26210C 90 4	DROPBOX INC	CALL	
26210C 95 4	DROPBOX INC	PUT	
26210U 10 4	DROPCAR INC	COM	
264147 10 9 *	DUCOMMUN INC DEL	COM	
264147 90 9	DUCOMMUN INC DEL	CALL	
264147 95 9	DUCOMMUN INC DEL	PUT	
26432K 10 8	DUFF & PHELPS UTIL CORP BD T	COM	
26433C 10 5	DUFF & PHELPS GLB UTL INC FD	COM	
26433F 10 8	DUFF & PHELPS SLT ENGY AND M	COM	
26441C 20 4 *	DUKE ENERGY CORP NEW	COM NEW	
26441C 90 4	DUKE ENERGY CORP NEW	CALL	
26441C 95 4	DUKE ENERGY CORP NEW	PUT	
264411 50 5 *	DUKE REALTY CORP	COM NEW	
264411 90 5	DUKE REALTY CORP	CALL	
264411 95 5	DUKE REALTY CORP	PUT	
26443V 10 1 *	DULUTH HLDGS INC	COM CL B	
26443V 90 1	DULUTH HLDGS INC	CALL	
26443V 95 1	DULUTH HLDGS INC	PUT	
26483E 10 0 *	DUN & BRADSTREET CORP DEL NE	COM	
26483E 90 0	DUN & BRADSTREET CORP DEL NE	CALL	
26483E 95 0	DUN & BRADSTREET CORP DEL NE	PUT	
265504 10 0 *	DUNKIN BRANDS GROUP INC	COM	
265504 90 0	DUNKIN BRANDS GROUP INC	CALL	
265504 95 0	DUNKIN BRANDS GROUP INC	PUT	
26605Q 10 6	DUNXIN FINL HLDGS LTD	SPONSORED ADS	
266605 10 4 *	DURECT CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
266605 90 4	DURECT CORP	CALL	
266605 95 4	DURECT CORP	PUT	
267475 AB 7	DYCOM INDS INC	NOTE 0.750% 9/1	
267475 10 1 *	DYCOM INDS INC	COM	
267475 90 1	DYCOM INDS INC	CALL	
267475 95 1	DYCOM INDS INC	PUT	
268102 10 0	DYNASIL CORP AMER	COM	
268157 40 1	DYNATRONICS CORP	COM NEW	
268158 20 1 *	DYNAVAX TECHNOLOGIES CORP	COM NEW	
268158 90 1	DYNAVAX TECHNOLOGIES CORP	CALL	
268158 95 1	DYNAVAX TECHNOLOGIES CORP	PUT	
26817Q 50 6 *	DYNEX CAP INC	COM NEW	
26817Q 90 6	DYNEX CAP INC	CALL	
26817Q 95 6	DYNEX CAP INC	PUT	
26827L 10 9 *	ECA MARCELLUS TR I	COM UNIT	
26827L 90 9	ECA MARCELLUS TR I	CALL	
26827L 95 9	ECA MARCELLUS TR I	PUT	
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	
26853A 10 0	EHI CAR SVCS LTD	SPON ADS CL A	
26856L 10 3 *	E L F BEAUTY INC	COM	
26856L 90 3	E L F BEAUTY INC	CALL	
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	
268664 10 9 *	EMC INS GROUP INC	COM	
268664 90 9	EMC INS GROUP INC	CALL	
268664 95 9	EMC INS GROUP INC	PUT	
26873J 10 7	EMX RTY CORP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26875P 10 1 *	EOG RES INC	COM	
26875P 90 1	EOG RES INC	CALL	
26875P 95 1	EOG RES INC	PUT	
268785 10 2 *	EP ENERGY CORP	CL A	
268785 90 2	EP ENERGY CORP	CALL	
268785 95 2	EP ENERGY CORP	PUT	
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 CNV 5.75%	
26884U 30 7	EPR PPTYS	CONV PFD 9% SR E	
26885B 10 0 *	EQM MIDSTREAM PARTNERS LP	UNIT LTD PARTN	
26885B 90 0	EQM MIDSTREAM PARTNERS LP	CALL	
26885B 95 0	EQM MIDSTREAM PARTNERS LP	PUT	
26885G 10 9 *	ERA GROUP INC	COM	
26885G 90 9	ERA GROUP INC	CALL	
26885G 95 9	ERA GROUP INC	PUT	
26885J 10 3 *	EQGP HOLDINGS LP	COM UNIT REP	
26885J 90 3	EQGP HOLDINGS LP	CALL	
26885J 95 3	EQGP HOLDINGS LP	PUT	
268948 10 6 *	EAGLE BANCORP INC MD	COM	
268948 90 6	EAGLE BANCORP INC MD	CALL	
268948 95 6	EAGLE BANCORP INC MD	PUT	
26922A 30 5 *	ETF SER SOLUTIONS	ALPCLONE ALTER	
26922A 90 5	ETF SER SOLUTIONS	CALL	
26922A 95 5	ETF SER SOLUTIONS	PUT	
26922A 32 1	ETF SER SOLUTIONS	DISTILLATE US	ADDED
26922A 34 7	ETF SER SOLUTIONS	AAM S&P DEV MK	ADDED
26922A 35 4	ETF SER SOLUTIONS	GADSDN DYN MLT	ADDED
26922A 36 2	ETF SER SOLUTIONS	GADSDN DYN GWT	ADDED
26922A 37 0	ETF SER SOLUTIONS	LONCAR CHINA BIO	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26922A 38 8	ETF SER SOLUTIONS	APTUS DEFINED	
26922A 40 4	ETF SER SOLUTIONS	VIDENT INTL EQ	
26922A 42 0	ETF SER SOLUTIONS	DEFIANCE QUANT	
26922A 43 8	ETF SER SOLUTIONS	DEFIANCE FUTUR	
26922A 44 6	ETF SER SOLUTIONS	OPUS SML CP VL	
26922A 45 3	ETF SER SOLUTIONS	CLEARSHS ULTRA	
26922A 46 1	ETF SER SOLUTIONS	AI PWD INTL EQTY	
26922A 47 9	ETF SER SOLUTIONS	SALT HIG TRUBT	
26922A 48 7	ETF SER SOLUTIONS	LHA MKT ST TAC	
26922A 49 5	ETF SER SOLUTIONS	VOLSHARES LARG	
26922A 50 3	ETF SER SOLUTIONS	VIDENTCORE EQ FD	
26922A 51 1	ETF SER SOLUTIONS	US DIVERSIFIED	
26922A 52 9	ETF SER SOLUTIONS	NYSE PICKENS	
26922A 53 7	ETF SER SOLUTIONS	CBOE VEST S&P	
26922A 55 2	ETF SER SOLUTIONS	AMERN ENERGY	
26922A 56 0	ETF SER SOLUTIONS	CHANG FIN US LRG	
26922A 58 6	ETF SER SOLUTIONS	AAM S&P EMRG	
26922A 59 4	ETF SER SOLUTIONS	AAM S&P 500	
26922A 60 2	ETF SER SOLUTIONS	VIDENT CORE US	
26922A 61 0	ETF SER SOLUTIONS	APTUS FORTIFIED	
26922A 62 8 *	ETF SER SOLUTIONS	POINT BRIDGE GOP	
26922A 90 8	ETF SER SOLUTIONS	CALL	
26922A 95 8	ETF SER SOLUTIONS	PUT	
26922A 64 4	ETF SER SOLUTIONS	NATIONWIDE MAX	
26922A 65 1	ETF SER SOLUTIONS	NATIONWIDE MAX	
26922A 66 9	ETF SER SOLUTIONS	NATIONWIDE RSK	
26922A 67 7	ETF SER SOLUTIONS	NATIONWIDE ETF	
26922A 68 5	ETF SER SOLUTIONS	REVERSE WEIGHT	
26922A 69 3	ETF SER SOLUTIONS	BRAND VALUE	
26922A 70 1	ETF SER SOLUTIONS	DEEP VALUE ETF	
26922A 71 9	ETF SER SOLUTIONS	US GBL GLD PRE	
26922A 72 7	ETF SER SOLUTIONS	CLEARSHS OCIO	
26922A 73 5	ETF SER SOLUTIONS	SERENITYSHS IM	
26922A 76 8	ETF SER SOLUTIONS	PRMSE CP FRNT	

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26922A 77 6	ETF SER SOLUTIONS	AMEN CUST SATF	
26922A 78 4	ETF SER SOLUTIONS	APTU BEHA MOME	
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	
26922A 87 5	ETF SER SOLUTIONS	DMND HILL VAL	
26922A 88 3	ETF SER SOLUTIONS	VAL MKT LEG ET	
26922V 10 1	ETFs PLATINUM TR	SH BEN INT	DELETED
26922W 10 9	ETFs PRECIOUS METALS BASKET	PHYS PM BSKT	DELETED
26922X 10 7 *	ETFs SILVER TR	SILVER SHS	DELETED
26922X 90 7	ETFs SILVER TR	CALL	DELETED
26922X 95 7	ETFs SILVER TR	PUT	DELETED
26922Y 10 5 *	ETFs GOLD TR	SHS	DELETED
26922Y 90 5	ETFs GOLD TR	CALL	DELETED
26922Y 95 5	ETFs GOLD TR	PUT	DELETED
26923A 10 6	ETFs PALLADIUM TR	SH BEN INT	DELETED
26923G 10 3 *	ETFIS SER TR I	INFRAC ACT MLP	
26923G 90 3	ETFIS SER TR I	CALL	
26923G 95 3	ETFIS SER TR I	PUT	
26923G 20 2	ETFIS SER TR I	VIRTUS LIFESC BT	
26923G 30 1	ETFIS SER TR I	VIRTUS LIFESC CT	
26923G 40 0	ETFIS SER TR I	INFRACP REIT PFD	
26923G 70 7	ETFIS SER TR I	VIRTUS NEWFLEET	
26923G 80 6	ETFIS SER TR I	REAVES UTILS ETF	
26923G 82 2	ETFIS SER TR I	VIRTUS INFRCAP	
26923G 83 0	ETFIS SER TR I	VIRTUS GLOVIST	
26923G 84 8	ETFIS SER TR I	VIRTUS WMC GBL	
26923G 85 5	ETFIS SER TR I	ISECTR GRW ETF	DELETED
26923G 87 1	ETFIS SER TR I	VIRTUS CUMBRAND	
26923H 10 1	ETF MANAGER GROUP COMMODITY	SIT RISING RTE	
26923H 20 0	ETF MANAGER GROUP COMMODITY	BREAKWAVE DRY	
26923J 50 3	ETFs TR	BBG COMMD K 1	DELETED

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26923J 60 2	ETFS TR	BEG LONGER K 1	DELETED
26923J 88 3	ETFS TR	BEG STRGY K 1	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 SCRTY	
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 70 6	ETF MANAGERS TR	VIDEO GAME TECH	
26924G 79 7	ETF MANAGERS TR	ROGERS AI GLOB	
26924G 80 5	ETF MANAGERS TR	DRONE ECONMY STG	
26924G 81 3	ETF MANAGERS TR	AI POWERED EQT	
26924G 87 0	ETF MANAGERS TR	BLUESTAR ISRAEL	
26924G 88 8	ETF MANAGERS TR	ETHO CLIMATE LEA	
269246 40 1 *	E TRADE FINANCIAL CORP	COM NEW	
269246 90 1	E TRADE FINANCIAL CORP	CALL	
269246 95 1	E TRADE FINANCIAL CORP	PUT	
26927E 10 4 *	EVO PMTS INC	CL A COM	
26927E 90 4	EVO PMTS INC	CALL	
26927E 95 4	EVO PMTS INC	PUT	
26929N 10 2	EVI INDUSTRIES INC	COM	ADDED
26942G 10 0	EAGLE BANCORP MONT INC	COM	
269451 10 0	EAGLE CAP GROWTH FD INC	COM	
26952G 10 7	EAGLE FINL BANCORP INC	COM	
26958J 10 5	EAGLE GRWTH & INCOME OPPTY F	COM SHS BEN IN	
26969P 10 8 *	EAGLE MATERIALS INC	COM	
26969P 90 8	EAGLE MATERIALS INC	CALL	
26969P 95 8	EAGLE MATERIALS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 PT CR CO LLC	COM	
27032D 30 4	EARTHSTONE ENERGY INC	CL A	
27579R 10 4 *	EAST WEST BANCORP INC	COM	
27579R 90 4	EAST WEST BANCORP INC	CALL	
27579R 95 4	EAST WEST BANCORP INC	PUT	
27616L 10 2	EASTERLY ACQUISITION CORP	COM	DELETED
27616L 11 0	EASTERLY ACQUISITION CORP	*W EXP 07/29/202	DELETED
27616L 20 1	EASTERLY ACQUISITION CORP	UNIT 07/29/2020	DELETED
27616P 10 3 *	EASTERLY GOVT PPTYS INC	COM	
27616P 90 3	EASTERLY GOVT PPTYS INC	CALL	
27616P 95 3	EASTERLY GOVT PPTYS INC	PUT	
276317 10 4	EASTERN CO	COM	
277276 10 1 *	EASTGROUP PPTY INC	COM	
277276 90 1	EASTGROUP PPTY INC	CALL	
277276 95 1	EASTGROUP PPTY 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 PAR	
27826D 10 6	EATON VANCE MI MUNI INCOME T	SH BEN INT	DELETED
27826E 10 4	EATON VANCE MA MUNI INCOME T	SH BEN INT	
27826F 10 1	EATON VANCE CA MUNI INCOME T	SH BEN INT	
27826G 10 9	EATON VANCE OH MUNI INCOME T	SH BEN INT	
27826S 10 3	EATON VANCE SR INCOME TR	SH BEN INT	
27826T 10 1	EATON VANCE PA MUNI INCOME T	SH BEN INT	
27826U 10 8	EATON VANCE MUNI INCOME TRUS	SH BEN INT	
27826V 10 6	EATON VANCE NJ MUNI INCOME T	SH BEN INT	
27826W 10 4	EATON VANCE NY MUNI INCOME T	SH BEN INT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
278265 10 3 *	EATON VANCE CORP	COM NON VTG	
278265 90 3	EATON VANCE CORP	CALL	
278265 95 3	EATON VANCE CORP	PUT	
27827K 10 9	EATON VANCE MUN BD FD II	COM	
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 EQ INC	COM	
278277 10 8	EATON VANCE ENH EQTY INC FD	COM	
278279 10 4	EATON VANCE FLTNG RATE INC	COM	
27828A 10 0	EATON VANCE CALIF MUN BD FD	COM	
27828C 10 6	EATON VANCE CALIF MUN BD FD	COM	DELETED
27828G 10 7	EATON VANCE TAX ADVT DIV INC	COM	
27828H 10 5	EATON VANCE LTD DUR INCOME F	COM	
27828K 10 8	EATON VANCE MASS MUN BD FD	COM	DELETED
27828L 10 6	EATON VANCE OHIO MUNICIPAL B	COM	
27828M 10 4	EATON VANCE MICH MUN BD FD	COM	DELETED
27828N 10 2	EATON VANCE TX MGD DIV EQ IN	COM	
27828Q 10 5	EATON VANCE SR FLTNG RTE TR	COM	
27828R 10 3	EATON VANCE N J MUN BD FD	COM	
27828S 10 1	EATON VANCE TX ADV GLBL DIV	COM	
27828T 10 9	EATON VANCE N Y MUN BD FD II	COM	DELETED
27828U 10 6	EATON VANCE TX ADV GLB DIV O	COM	
27828V 10 4	EATON VANCE SH TM DR DIVR IN	COM	
27828W 10 2	EATON VANCE PA MUN BD FD	COM	
27828X 10 0	EATON VANCE TAX MNGED BUY WR	COM	
27828Y 10 8	EATON VANCE TX MNG BY WRT OP	COM	
278284 10 4	EATON VANCE FLTNG RATE INCOM	COM SHS BEN INT	
27829C 10 5	EATON VANCE TXMGD GL BUYWR O	COM	
27829F 10 8	EATON VANCE TAX MNGD GBL DV	COM	
27829G 10 6	EATON VANCE RISK MNGD DIV EQ	COM	
27829L 10 5	EATON VANCE NATL MUN OPPORT	COM SHS	
27829M 10 3	EATON VANCE TAX ADV BD OPT S	COM SH BEN INT	
27829U 10 5	EATON VANCE MUN INCOME 2028	SHS	
27829W 10 1	EATON VANCE HIGH INCOME 2021	COM SH BEN INT	

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27831H 10 0	EATON VANCE FLTNG RATE 2022	COM	
278642 10 3 *	EBAY INC	COM	
278642 90 3	EBAY INC	CALL	
278642 95 3	EBAY INC	PUT	
278715 20 6 *	EBIX INC	COM NEW	
278715 90 6	EBIX INC	CALL	
278715 95 6	EBIX INC	PUT	
27875T AA 9	ECHO GLOBAL LOGISTICS INC	NOTE 2.500% 5/0	
27875T 10 1 *	ECHO GLOBAL LOGISTICS INC	COM	
27875T 90 1	ECHO GLOBAL LOGISTICS INC	CALL	
27875T 95 1	ECHO GLOBAL LOGISTICS INC	PUT	
278768 10 6 *	ECHOSTAR CORP	CL A	
278768 90 6	ECHOSTAR CORP	CALL	
278768 95 6	ECHOSTAR CORP	PUT	
278865 10 0 *	ECOLAB INC	COM	
278865 90 0	ECOLAB INC	CALL	
278865 95 0	ECOLAB INC	PUT	
278878 10 3	ECOLOGY & ENVIRONMENT INC	CL A	
27888D 10 1	ECO STIM ENERGY SOLUTIONS IN	COM	
27890G 10 0 *	ECLIPSE RES CORP	COM	
27890G 90 0	ECLIPSE RES CORP	CALL	
27890G 95 0	ECLIPSE RES CORP	PUT	
279158 10 9 *	ECOPETROL S A	SPONSORED ADS	
279158 90 9	ECOPETROL S A	CALL	
279158 95 9	ECOPETROL S A	PUT	
279870 10 9 *	EDGE THERAPEUTICS INC	COM	
279870 90 9	EDGE THERAPEUTICS INC	CALL	
279870 95 9	EDGE THERAPEUTICS INC	PUT	
28035Q 10 2 *	EDGEWELL PERS CARE CO	COM	
28035Q 90 2	EDGEWELL PERS CARE CO	CALL	
28035Q 95 2	EDGEWELL PERS CARE CO	PUT	
280358 10 2 *	EDGEWATER TECHNOLOGY INC	COM	DELETED
280358 90 2	EDGEWATER TECHNOLOGY INC	CALL	DELETED
280358 95 2	EDGEWATER TECHNOLOGY INC	PUT	DELETED

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281020 10 7 *	EDISON INTL	COM	
281020 90 7	EDISON INTL	CALL	
281020 95 7	EDISON INTL	PUT	
28103E 10 6	EDISON NATION INC	COM	
28106W 10 3 *	EDITAS MEDICINE INC	COM	
28106W 90 3	EDITAS MEDICINE INC	CALL	
28106W 95 3	EDITAS MEDICINE INC	PUT	
28138X 10 3	EDTECHX HLDGS ACQUISITION CO	COM	ADDED
28138X 11 1	EDTECHX HLDGS ACQUISITION CO	*W EXP 12/31/202	ADDED
28138X 20 2	EDTECHX HLDGS ACQUISITION CO	UNIT 12/31/2025	ADDED
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	
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	
28249H 10 4	EIDOS THERAPEUTICS INC	COM	
28249U 10 5 *	EIGER BIOPHARMACEUTICALS INC	COM	
28249U 90 5	EIGER BIOPHARMACEUTICALS INC	CALL	
28249U 95 5	EIGER BIOPHARMACEUTICALS INC	PUT	
282644 20 2 *	EKSO BIONICS HLDGS INC	COM NEW	
282644 90 2	EKSO BIONICS HLDGS INC	CALL	
282644 95 2	EKSO BIONICS HLDGS INC	PUT	
282914 10 0 *	8X8 INC NEW	COM	
282914 90 0	8X8 INC NEW	CALL	
282914 95 0	8X8 INC NEW	PUT	
283677 85 4 *	EL PASO ELEC CO	COM NEW	
283677 90 4	EL PASO ELEC CO	CALL	
283677 95 4	EL PASO ELEC CO	PUT	
283678 20 9	EL PASO ENERGY CAP TR I	PFD CV TR SECS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
28414H 10 3 *	ELANCO ANIMAL HEALTH INC	COM	
28414H 90 3	ELANCO ANIMAL HEALTH INC	CALL	
28414H 95 3	ELANCO ANIMAL HEALTH INC	PUT	
28470R 10 2 *	ELDORADO RESORTS INC	COM	
28470R 90 2	ELDORADO RESORTS INC	CALL	
28470R 95 2	ELDORADO RESORTS INC	PUT	
284849 11 4	ELECTRAMECCANICA VEHS CORP	*W EXP 08/03/202	
284849 20 5	ELECTRAMECCANICA VEHS CORP	COM NEW	
284902 10 3 *	ELDORADO GOLD CORP NEW	COM	DELETED
284902 90 3	ELDORADO GOLD CORP NEW	CALL	DELETED
284902 95 3	ELDORADO GOLD CORP NEW	PUT	DELETED
284902 50 9 *	ELDORADO GOLD CORP NEW	COM	ADDED
284902 90 9	ELDORADO GOLD CORP NEW	CALL	ADDED
284902 95 9	ELDORADO GOLD CORP NEW	PUT	ADDED
285229 10 0 *	ELECTRO SCIENTIFIC INDS	COM	
285229 90 0	ELECTRO SCIENTIFIC INDS	CALL	
285229 95 0	ELECTRO SCIENTIFIC INDS	PUT	
285233 10 2	ELECTRO-SENSORS INC	COM	
28531P 10 3	ELECTROCORE INC	COM	
285409 10 8	ELECTROMED INC	COM	
285512 10 9 *	ELECTRONIC ARTS INC	COM	
285512 90 9	ELECTRONIC ARTS INC	CALL	
285512 95 9	ELECTRONIC ARTS INC	PUT	
286082 AC 6	ELECTRONICS FOR IMAGING INC	NOTE 0.750% 9/0	
286082 10 2 *	ELECTRONICS FOR IMAGING INC	COM	
286082 90 2	ELECTRONICS FOR IMAGING INC	CALL	
286082 95 2	ELECTRONICS FOR IMAGING INC	PUT	
28621V 10 1	ELEVATE CREDIT INC	COM	
28849P 10 0 *	ELLIE MAE INC	COM	
28849P 90 0	ELLIE MAE INC	CALL	
28849P 95 0	ELLIE MAE INC	PUT	
288522 30 3 *	ELLINGTON FINANCIAL LLC	COM	
288522 90 3	ELLINGTON FINANCIAL LLC	CALL	
288522 95 3	ELLINGTON FINANCIAL LLC	PUT	

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288578 10 7	ELLINGTON RESIDENTIAL MTG RE	COM SHS BEN INT	
288853 10 4 *	ELLIS PERRY INTL INC	COM	DELETED
288853 90 4	ELLIS PERRY INTL INC	CALL	DELETED
288853 95 4	ELLIS PERRY INTL INC	PUT	DELETED
289074 10 6	ELLSWORTH GRWTH AND INCOME L	COM	
289660 10 2	ELMIRA SVGS BK ELMIRA N Y	COM	
29014R 10 3	ELOXX PHARMACEUTICALS INC	COM	
29076N 20 6 *	EMAGIN CORP	COM NEW	
29076N 90 6	EMAGIN CORP	CALL	
29076N 95 6	EMAGIN CORP	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	SP ADR REP 4 COM	
29082A 90 7	EMBRAER S A	CALL	
29082A 95 7	EMBRAER S A	PUT	
290828 10 2	EMCLAIRE FINL CORP	COM	
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	
29102H 10 8 *	EMERGE ENERGY SVCS LP	COM REP PARTN	
29102H 90 8	EMERGE ENERGY SVCS LP	CALL	
29102H 95 8	EMERGE ENERGY SVCS LP	PUT	
29103B 10 0 *	EMERALD EXPOSITIONS EVENTS I	COM	
29103B 90 0	EMERALD EXPOSITIONS EVENTS I	CALL	
29103B 95 0	EMERALD EXPOSITIONS EVENTS I	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
291087 20 3 *	EMERSON RADIO CORP	COM NEW	
291087 90 3	EMERSON RADIO CORP	CALL	
291087 95 3	EMERSON RADIO CORP	PUT	
291525 40 0 *	EMMIS COMMUNICATIONS CORP	COM NEW CL A	
291525 90 0	EMMIS COMMUNICATIONS CORP	CALL	
291525 95 0	EMMIS COMMUNICATIONS CORP	PUT	
292052 30 5 *	EMPIRE RESORTS INC	COM PAR \$0 01	
292052 90 5	EMPIRE RESORTS INC	CALL	
292052 95 5	EMPIRE RESORTS INC	PUT	
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 HOLDINGS INC	COM	
292218 90 4	EMPLOYERS HOLDINGS INC	CALL	
292218 95 4	EMPLOYERS HOLDINGS INC	PUT	
29244A 10 2	EMPRESA DIST Y COMERCIAL NOR	SPON ADR	
29244T 10 1 *	ENEL GENERACION CHILE S A	SPONSORED ADR	DELETED
29244T 90 1	ENEL GENERACION CHILE S A	CALL	DELETED
29244T 95 1	ENEL GENERACION CHILE S A	PUT	DELETED
292480 10 0 *	ENABLE MIDSTREAM PARTNERS LP	COM UNIT RP IN	
292480 90 0	ENABLE MIDSTREAM PARTNERS LP	CALL	
292480 95 0	ENABLE MIDSTREAM PARTNERS LP	PUT	
29250N 10 5 *	ENBRIDGE INC	COM	
29250N 90 5	ENBRIDGE INC	CALL	
29250N 95 5	ENBRIDGE INC	PUT	
29250R 10 6 *	ENBRIDGE ENERGY PARTNERS L P	COM	DELETED
29250R 90 6	ENBRIDGE ENERGY PARTNERS L P	CALL	DELETED
29250R 95 6	ENBRIDGE ENERGY PARTNERS L P	PUT	DELETED
29250X 10 3 *	ENBRIDGE ENERGY MANAGEMENT L	SHS UNITS LLI	DELETED
29250X 90 3	ENBRIDGE ENERGY MANAGEMENT L	CALL	DELETED
29250X 95 3	ENBRIDGE ENERGY MANAGEMENT L	PUT	DELETED

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
292505 10 4 *	ENCANA CORP	COM	
292505 90 4	ENCANA CORP	CALL	
292505 95 4	ENCANA CORP	PUT	
29251M 10 6 *	ENANTA PHARMACEUTICALS INC	COM	
29251M 90 6	ENANTA PHARMACEUTICALS INC	CALL	
29251M 95 6	ENANTA PHARMACEUTICALS INC	PUT	
292554 AF 9	ENCORE CAP GROUP INC	NOTE 3.000% 7/0	
292554 AH 5	ENCORE CAP GROUP INC	NOTE 2.875% 3/1	
292554 AK 8	ENCORE CAP GROUP INC	NOTE 3.250% 3/1	
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	
29258Y 90 3	ENDEAVOUR SILVER CORP	CALL	
29258Y 95 3	ENDEAVOUR SILVER CORP	PUT	
29260U AA 5	ENCORE CAP EUROPE FIN LTD	NOTE 4.500% 9/0	
29260V 10 5	ENDAVA PLC	ADS	
29261A 10 0 *	ENCOMPASS HEALTH CORP	COM	
29261A 90 0	ENCOMPASS HEALTH CORP	CALL	
29261A 95 0	ENCOMPASS HEALTH CORP	PUT	
29265N 10 8 *	ENERGEN CORP	COM	DELETED
29265N 90 8	ENERGEN CORP	CALL	DELETED
29265N 95 8	ENERGEN CORP	PUT	DELETED
29266S AA 4	ENDOLOGIX INC	NOTE 2.250%12/1	DELETED
29266S AB 2	ENDOLOGIX INC	NOTE 3.250%11/0	
29266S 10 6 *	ENDOLOGIX INC	COM	
29266S 90 6	ENDOLOGIX INC	CALL	
29266S 95 6	ENDOLOGIX INC	PUT	
292671 17 9	ENERGY FUELS INC	*W EXP 09/20/202	
292671 70 8 *	ENERGY FUELS INC	COM NEW	
292671 90 8	ENERGY FUELS INC	CALL	

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292671 95 8	ENERGY FUELS INC	PUT	
29268T 30 0 *	ENERGY FOCUS INC	COM NEW	
29268T 90 0	ENERGY FOCUS INC	CALL	
29268T 95 0	ENERGY FOCUS INC	PUT	
29269A 10 2 *	ENDOCYTE INC	COM	DELETED
29269A 90 2	ENDOCYTE INC	CALL	DELETED
29269A 95 2	ENDOCYTE INC	PUT	DELETED
29270J 10 0 *	ENERGY RECOVERY INC	COM	
29270J 90 0	ENERGY RECOVERY INC	CALL	
29270J 95 0	ENERGY RECOVERY INC	PUT	
29272B 10 5 *	ENDURANCE INTL GROUP HLDGS I	COM	
29272B 90 5	ENDURANCE INTL GROUP HLDGS I	CALL	
29272B 95 5	ENDURANCE INTL GROUP HLDGS I	PUT	
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 10 4	ENDRA LIFE SCIENCES INC	COM	
29273B 11 2	ENDRA LIFE SCIENCES INC	*W EXP 05/08/202	
29273V 10 0 *	ENERGY TRANSFER LP	COM UT LTD PTN	
29273V 90 0	ENERGY TRANSFER LP	CALL	
29273V 95 0	ENERGY TRANSFER LP	PUT	
29274F 10 4 *	ENEL AMERICAS S A	SPONSORED ADR	
29274F 90 4	ENEL AMERICAS S A	CALL	
29274F 95 4	ENEL AMERICAS S A	PUT	
29275Y 10 2 *	ENERSYS	COM	
29275Y 90 2	ENERSYS	CALL	
29275Y 95 2	ENERSYS	PUT	
29276K 10 1 *	ENERGY XXI GULF COAST INC	COM	DELETED
29276K 90 1	ENERGY XXI GULF COAST INC	CALL	DELETED
29276K 95 1	ENERGY XXI GULF COAST INC	PUT	DELETED
292766 10 2 *	ENERPLUS CORP	COM	

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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	
29278N 10 3 *	ENERGY TRANSFER PARTNERS LP	UNIT LTD PRT INT	DELETED
29278N 90 3	ENERGY TRANSFER PARTNERS LP	CALL	DELETED
29278N 95 3	ENERGY TRANSFER PARTNERS LP	PUT	DELETED
29286C 10 7 *	ENGILITY HLDGS INC NEW	COM	
29286C 90 7	ENGILITY HLDGS INC NEW	CALL	
29286C 95 7	ENGILITY HLDGS INC NEW	PUT	
293306 10 6 *	ENGLOBAL CORP	COM	
293306 90 6	ENGLOBAL CORP	CALL	
293306 95 6	ENGLOBAL CORP	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	
29336U 10 7 *	ENLINK MIDSTREAM PARTNERS LP	COM UNIT REP LTD	
29336U 90 7	ENLINK MIDSTREAM PARTNERS LP	CALL	
29336U 95 7	ENLINK MIDSTREAM PARTNERS LP	PUT	
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	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29358P 90 1	ENSIGN GROUP INC	CALL	
29358P 95 1	ENSIGN GROUP INC	PUT	
29358Y 10 2 *	ENSERVCO CORP	COM	
29358Y 90 2	ENSERVCO CORP	CALL	
29358Y 95 2	ENSERVCO CORP	PUT	
29359T 10 2	ENSYNC INC	COM	
29359W AB 1	ENSCO JERSEY FIN LTD	NOTE 3.000% 1/3	
293614 10 3	ENTASIS THERAPEUTICS HLDGS I	COM	
29362U 10 4 *	ENTEGRIS INC	COM	
29362U 90 4	ENTEGRIS INC	CALL	
29362U 95 4	ENTEGRIS INC	PUT	
29363J 10 8	ENTEGRA FINL CORP	COM	
293639 10 0 *	ENTERCOM COMMUNICATIONS CORP	CL A	
293639 90 0	ENTERCOM COMMUNICATIONS CORP	CALL	
293639 95 0	ENTERCOM COMMUNICATIONS CORP	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 SER TRUST	ERSHARES 30 ETF	
293828 88 5	ENTREPRENEURSHARES SER TRUST	NON US SML CP	ADDED
29384J 10 3 *	ENTREE RES LTD	COM	
29384J 90 3	ENTREE RES LTD	CALL	
29384J 95 3	ENTREE RES LTD	PUT	
29404K AA 4	ENVESTNET INC	NOTE 1.750%12/1	

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29404K 10 6 *	ENVESTNET INC	COM	
29404K 90 6	ENVESTNET INC	CALL	
29404K 95 6	ENVESTNET INC	PUT	
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	
29414D 10 0 *	ENVISION HEALTHCARE CORP	COM	DELETED
29414D 90 0	ENVISION HEALTHCARE CORP	CALL	DELETED
29414D 95 0	ENVISION HEALTHCARE CORP	PUT	DELETED
29414J 10 7 *	ENVIVA PARTNERS LP	COM UNIT	
29414J 90 7	ENVIVA PARTNERS LP	CALL	
29414J 95 7	ENVIVA PARTNERS LP	PUT	
29414M 10 0	ENVIROSTAR INC	COM	DELETED
294268 10 7 *	EPLUS INC	COM	
294268 90 7	EPLUS INC	CALL	
294268 95 7	EPLUS INC	PUT	
29428V 10 4 *	EPIZYME INC	COM	
29428V 90 4	EPIZYME INC	CALL	
29428V 95 4	EPIZYME INC	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 PAR \$0.001	
29444U 90 0	EQUINIX INC	CALL	
29444U 95 0	EQUINIX INC	PUT	
29446K 10 6	EQUILLIUM INC	COM	ADDED
29446M 10 2 *	EQUINOR ASA	SPONSORED ADR	
29446M 90 2	EQUINOR ASA	CALL	
29446M 95 2	EQUINOR ASA	PUT	
29460X 10 9	EQUITY BANCSHARES INC	COM CL A	
294600 10 1 *	EQUITRANS MIDSTREAM CORPORAT	COM	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
294600 90 1	EQUITRANS MIDSTREAM CORPORAT	CALL	ADDED
294600 95 1	EQUITRANS MIDSTREAM CORPORAT	PUT	ADDED
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	CUM PFD S D 6.5%	
29472R 10 8 *	EQUITY LIFESTYLE PPTYS INC	COM	
29472R 90 8	EQUITY LIFESTYLE PPTYS INC	CALL	
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	
294821 60 8 *	ERICSSON	ADR B SEK 10	
294821 90 8	ERICSSON	CALL	
294821 95 8	ERICSSON	PUT	
29530P 10 2 *	ERIE INDY CO	CL A	
29530P 90 2	ERIE INDY CO	CALL	
29530P 95 2	ERIE INDY CO	PUT	
29604W 10 8	ERYTECH PHARMA	SPONSORED ADR	
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 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	
29667D 10 4	ESSA BANCORP INC	COM	
29667J 10 1	ESQUIRE FINL HLDGS INC	COM	
29668H 70 8	ESSA PHARMA INC	COM NEW	
296689 10 2 *	ESSENDANT INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
296689 90 2	ESSENDANT INC	CALL	
296689 95 2	ESSENDANT 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	
297178 10 5 *	ESSEX PPTY TR INC	COM	
297178 90 5	ESSEX PPTY TR INC	CALL	
297178 95 5	ESSEX PPTY TR INC	PUT	
297425 10 0 *	ESTERLINE TECHNOLOGIES CORP	COM	
297425 90 0	ESTERLINE TECHNOLOGIES CORP	CALL	
297425 95 0	ESTERLINE TECHNOLOGIES CORP	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	ADDED
29786A 10 6 *	ETSY INC	COM	
29786A 90 6	ETSY INC	CALL	
29786A 95 6	ETSY INC	PUT	
298736 AH 2	EURONET WORLDWIDE INC	NOTE 1.500%10/0	
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 FUND	COM	
29911Q 20 8	EVANS BANCORP INC	COM NEW	
299734 10 3	EVELO BIOSCIENCES INC	COM	
29975E 10 9 *	EVENTBRITE INC	COM CL A	
29975E 90 9	EVENTBRITE INC	CALL	
29975E 95 9	EVENTBRITE INC	PUT	
299766 20 4	EVER GLORY INTL GRP INC	COM NEW	
29977A 10 5 *	EVERCORE INC	CLASS A	
29977A 90 5	EVERCORE INC	CALL	
29977A 95 5	EVERCORE INC	PUT	
29978A AA 2	EVERBRIDGE INC	NOTE 1.500%11/0	
29978A 10 4 *	EVERBRIDGE INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29978A 90 4	EVERBRIDGE INC	CALL	
29978A 95 4	EVERBRIDGE INC	PUT	
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	
30041T 10 4	EVERSPIN TECHNOLOGIES INC	COM	
30048L 10 4	EVOFEM BIOSCIENCES INC	COM	
300487 10 5 *	EVINE LIVE INC	CL A	
300487 90 5	EVINE LIVE INC	CALL	
300487 95 5	EVINE LIVE INC	PUT	
30049A 10 7 *	EVOLUTION PETROLEUM CORP	COM	
30049A 90 7	EVOLUTION PETROLEUM CORP	CALL	
30049A 95 7	EVOLUTION PETROLEUM CORP	PUT	
30049G 10 4	EVOKE PHARMA INC	COM	
30049R 20 9 *	EVOLVING SYS INC	COM NEW	
30049R 90 9	EVOLVING SYS INC	CALL	
30049R 95 9	EVOLVING SYS INC	PUT	
30050B AB 7	EOLENT HEALTH INC	NOTE 2.000%12/0	
30050B 10 1 *	EOLENT HEALTH INC	CL A	
30050B 90 1	EOLENT HEALTH INC	CALL	
30050B 95 1	EOLENT HEALTH INC	PUT	
30052C 10 7 *	EVOLUS INC	COM	
30052C 90 7	EVOLUS INC	CALL	
30052C 95 7	EVOLUS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DBCV 1.000% 1/1	
30063P 10 5 *	EXACT SCIENCES CORP	COM	
30063P 90 5	EXACT SCIENCES CORP	CALL	
30063P 95 5	EXACT SCIENCES CORP	PUT	
30068N 10 5 *	EXANTAS CAP CORP	COM NEW	
30068N 90 5	EXANTAS CAP CORP	CALL	
30068N 95 5	EXANTAS CAP CORP	PUT	
301505 30 1	EXCHANGE TRADED CONCEPTS TR	YLD SHS HGH INC	
301505 40 0	EXCHANGE TRADED CONCEPTS TR	FLAG FRNSIC ACC	
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 74 9	EXCHANGE TRADED CONCEPTS TR	VSPR US LC ETF	
301505 75 6	EXCHANGE TRADED CONCEPTS TR	INNOVATION SHS	
301505 76 4	EXCHANGE TRADED CONCEPTS TR	INNOVATION SHS	
301505 78 0	EXCHANGE TRADED CONCEPTS TR	BERNSTEIN GBL	
301505 79 8	EXCHANGE TRADED CONCEPTS TR	BERNSTEIN US RSH	
301505 80 6	EXCHANGE TRADED CONCEPTS TR	HULL TACTIC US	
301505 81 4	EXCHANGE TRADED CONCEPTS TR	ETF IND EX FIN	
301505 83 0 *	EXCHANGE TRADED CONCEPTS TR	REX VOLMAX SHORT	DELETED
301505 90 0	EXCHANGE TRADED CONCEPTS TR	CALL	DELETED
301505 95 0	EXCHANGE TRADED CONCEPTS TR	PUT	DELETED
301505 88 9	EXCHANGE TRADED CONCEPTS TR	EMQQ EM INTERN	
30151E 60 8	EXCHANGE LISTED FDS TR	KNLDG LD WD ETF	
30151E 70 7	EXCHANGE LISTED FDS TR	TACTILE ANALYTCS	DELETED
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	
30151E 82 2	EXCHANGE LISTED FDS TR	REX BKCM ETF	
30151E 84 8	EXCHANGE LISTED FDS TR	INSIGHTSHARES	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30151E 85 5	EXCHANGE LISTED FDS TR	INSIGHTSHARES	
30151E 86 3	EXCHANGE LISTED FDS TR	JAMES PURPOSE	
30151E 88 9	EXCHANGE LISTED FDS TR	PROSPOTS SPONR	
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 10 2	EXELA TECHNOLOGIES INC	COM	
302046 10 7	EXFO INC	SUB VTG SHS	
302081 10 4 *	EXLSERVICE HOLDINGS INC	COM	
302081 90 4	EXLSERVICE HOLDINGS INC	CALL	
302081 95 4	EXLSERVICE HOLDINGS INC	PUT	
302104 10 4 *	EXONE CO	COM	
302104 90 4	EXONE CO	CALL	
302104 95 4	EXONE CO	PUT	
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 HOLDINGS INC	COM	
302130 10 9 *	EXPEDITORS INTL WASH INC	COM	
302130 90 9	EXPEDITORS INTL WASH INC	CALL	
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	
30219E 10 3 *	EXPRESS INC	COM	
30219E 90 3	EXPRESS INC	CALL	
30219E 95 3	EXPRESS INC	PUT	
30219G 10 8 *	EXPRESS SCRIPTS HLDG CO	COM	DELETED
30219G 90 8	EXPRESS SCRIPTS HLDG CO	CALL	DELETED
30219G 95 8	EXPRESS SCRIPTS HLDG CO	PUT	DELETED
30224P 20 0 *	EXTENDED STAY AMER INC	UNIT 99/99/9999B	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30224P 90 0	EXTENDED STAY AMER INC	CALL	
30224P 95 0	EXTENDED STAY AMER INC	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 INC	COM	
30226D 90 6	EXTREME NETWORKS INC	CALL	
30226D 95 6	EXTREME NETWORKS INC	PUT	
30227H 10 6 *	EXTERRAN CORP	COM	
30227H 90 6	EXTERRAN CORP	CALL	
30227H 95 6	EXTERRAN CORP	PUT	
30227M 10 5 *	EXTRACTION OIL AND GAS INC	COM	
30227M 90 5	EXTRACTION OIL AND GAS INC	CALL	
30227M 95 5	EXTRACTION OIL AND GAS INC	PUT	
302301 AB 2	EZCORP INC	NOTE 2.125% 6/1	
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	
30233G 10 0 *	EYEPOINT PHARMACEUTICALS INC	COM	
30233G 90 0	EYEPOINT PHARMACEUTICALS INC	CALL	
30233G 95 0	EYEPOINT PHARMACEUTICALS INC	PUT	
30233M 10 7	EYEGATE PHARMACEUTICALS INC	COM	
30233M 11 5	EYEGATE PHARMACEUTICALS INC	*W EXP 08/05/202	
30234E 10 4	EYENOVIA INC	COM	
30239F 10 6 *	FBL FINL GROUP INC	CL A	
30239F 90 6	FBL FINL GROUP INC	CALL	
30239F 95 6	FBL FINL GROUP INC	PUT	
302445 10 1 *	FLIR SYS INC	COM	
302445 90 1	FLIR SYS INC	CALL	
302445 95 1	FLIR SYS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
302491 30 3 *	F M C CORP	COM NEW	
302491 90 3	F M C CORP	CALL	
302491 95 3	F M C CORP	PUT	
302520 10 1 *	FNB CORP PA	COM	
302520 90 1	FNB CORP PA	CALL	
302520 95 1	FNB CORP PA	PUT	
30255G 10 3 *	FCB FINL HLDGS INC	CL A	
30255G 90 3	FCB FINL HLDGS INC	CALL	
30255G 95 3	FCB FINL HLDGS INC	PUT	
30257X 10 4	FB FINL CORP	COM	
302578 10 9	FNCB BANCORP INC	COM	
30258M 10 7	FFBW INC	COM	
30258N 10 5	FAT BRANDS INC	COM	
30263Y 10 4	FS BANCORP INC	COM	
302635 10 7 *	FS KKR CAPITAL CORP	COM	
302635 90 7	FS KKR CAPITAL CORP	CALL	
302635 95 7	FS KKR CAPITAL CORP	PUT	
30281V 10 8 *	FTD COS INC	COM	
30281V 90 8	FTD COS INC	CALL	
30281V 95 8	FTD COS INC	PUT	
30283R 40 2	FTE NETWORKS INC	COM PAR	
30283W 10 4 *	FTS INTERNATIONAL INC	COM	
30283W 90 4	FTS INTERNATIONAL INC	CALL	
30283W 95 4	FTS INTERNATIONAL INC	PUT	
30289C 10 2	FSB BANCORP INC	COM	
30292L 10 7	FRP HLDGS INC	COM	
302941 10 9 *	FTI CONSULTING INC	COM	
302941 90 9	FTI CONSULTING INC	CALL	
302941 95 9	FTI CONSULTING INC	PUT	
30303M 10 2 *	FACEBOOK INC	CL A	
30303M 90 2	FACEBOOK INC	CALL	
30303M 95 2	FACEBOOK INC	PUT	
303075 10 5 *	FACTSET RESH SYS INC	COM	
303075 90 5	FACTSET RESH SYS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
303075 95 5	FACTSET RESH SYS INC	PUT	
303250 10 4 *	FAIR ISAAC CORP	COM	
303250 90 4	FAIR ISAAC CORP	CALL	
303250 95 4	FAIR ISAAC CORP	PUT	
30607B 10 9	FALCON MINERALS CORP	CL A COM	
30607B 20 8	FALCON MINERALS CORP	*W EXP 07/21/202	
307068 10 6 *	FAMOUS DAVES AMER INC	COM	
307068 90 6	FAMOUS DAVES AMER INC	CALL	
307068 95 6	FAMOUS DAVES AMER INC	PUT	
30711Y 10 2 *	FANG HLDGS LTD	ADR	
30711Y 90 2	FANG HLDGS LTD	CALL	
30711Y 95 2	FANG HLDGS LTD	PUT	
30712A 10 3 *	FANHUA INC	SPONSORED ADR	
30712A 90 3	FANHUA INC	CALL	
30712A 95 3	FANHUA INC	PUT	
30734W 10 9	FAR PT ACQUISITION CORP	COM CL A	
30734W 11 7	FAR PT ACQUISITION CORP	*W EXP 06/01/202	
30734W 20 8	FAR PT ACQUISITION CORP	UNIT 06/01/2025	
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	
30779N 10 5	FARMER & MERCHANTS BANCORP I	COM	
309627 10 7 *	FARMERS NATL BANC CORP	COM	
309627 90 7	FARMERS NATL BANC CORP	CALL	
309627 95 7	FARMERS NATL 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	
31189P 10 2 *	FATE THERAPEUTICS INC	COM	
31189P 90 2	FATE THERAPEUTICS INC	CALL	

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31189P 95 2	FATE THERAPEUTICS INC	PUT	
311900 10 4 *	FASTENAL CO	COM	
311900 90 4	FASTENAL CO	CALL	
311900 95 4	FASTENAL CO	PUT	
312059 10 8	FAUQUIER BANKSHARES INC VA	COM	
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	
313533 10 1	FEDERAL LIFE GROUP INC	COM	ADDED
313747 20 6 *	FEDERAL REALTY INVT TR	SH BEN INT NEW	
313747 90 6	FEDERAL REALTY INVT TR	CALL	
313747 95 6	FEDERAL REALTY INVT TR	PUT	
313855 10 8 *	FEDERAL SIGNAL CORP	COM	
313855 90 8	FEDERAL SIGNAL CORP	CALL	
313855 95 8	FEDERAL SIGNAL CORP	PUT	
31421V 10 7	FEDERAL STR ACQUISITION CORP	CL A	
31421V 11 5	FEDERAL STR ACQUISITION CORP	*W EXP 07/24/202	
31421V 20 6	FEDERAL STR ACQUISITION CORP	UNIT 99/99/9999	
314211 10 3 *	FEDERATED INVS INC PA	CL B	
314211 90 3	FEDERATED INVS INC PA	CALL	
314211 95 3	FEDERATED INVS INC PA	PUT	
31423P 10 8	FEDERATED PREM MUN INC FD	COM	
31428X 10 6 *	FEDEX CORP	COM	
31428X 90 6	FEDEX CORP	CALL	
31428X 95 6	FEDEX CORP	PUT	
31431B 10 9 *	FEDNAT HLDG CO	COM	
31431B 90 9	FEDNAT HLDG CO	CALL	
31431B 95 9	FEDNAT HLDG CO	PUT	
31447P 10 0 *	FENNEC PHARMACEUTICALS INC	COM	
31447P 90 0	FENNEC PHARMACEUTICALS INC	CALL	
31447P 95 0	FENNEC PHARMACEUTICALS INC	PUT	
315293 10 0 *	FERRELLGAS PARTNERS L.P.	UNIT LTD PART	
315293 90 0	FERRELLGAS PARTNERS L.P.	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
315293 95 0	FERRELLGAS PARTNERS L.P.	PUT	
315405 10 0 *	FERRO CORP	COM	
315405 90 0	FERRO CORP	CALL	
315405 95 0	FERRO CORP	PUT	
315616 10 2 *	F5 NETWORKS INC	COM	
315616 90 2	F5 NETWORKS INC	CALL	
315616 95 2	F5 NETWORKS INC	PUT	
31572Q 80 8 *	FIBROGEN INC	COM	
31572Q 90 8	FIBROGEN INC	CALL	
31572Q 95 8	FIBROGEN INC	PUT	
315721 40 7 *	FIBROCELL SCIENCE INC	COM PAR	
315721 90 7	FIBROCELL SCIENCE INC	CALL	
315721 95 7	FIBROCELL SCIENCE INC	PUT	
31573A 10 9 *	FIBRIA CELULOSE S A	SP ADR REP COM	
31573A 90 9	FIBRIA CELULOSE S A	CALL	
31573A 95 9	FIBRIA CELULOSE S A	PUT	
315912 80 8 *	FIDELITY COMWLTH TR	NDQ CP IDX TRK	
315912 90 8	FIDELITY COMWLTH TR	CALL	
315912 95 8	FIDELITY COMWLTH TR	PUT	
31609R 10 0	FIDELITY D & D BANCORP INC	COM	
316092 20 4 *	FIDELITY	MSCI CONSM DIS	
316092 90 4	FIDELITY	CALL	
316092 95 4	FIDELITY	PUT	
316092 30 3	FIDELITY	CONSMR STAPLES	
316092 40 2 *	FIDELITY	MSCI ENERGY IDX	
316092 90 2	FIDELITY	CALL	
316092 95 2	FIDELITY	PUT	
316092 50 1 *	FIDELITY	MSCI FINLS IDX	
316092 90 1	FIDELITY	CALL	
316092 95 1	FIDELITY	PUT	
316092 60 0 *	FIDELITY	MSCI HLTH CARE I	
316092 90 0	FIDELITY	CALL	
316092 95 0	FIDELITY	PUT	
316092 61 8	FIDELITY	HIGH YILD ETF	

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316092 70 9 *	FIDELITY	MSCI INDL INDX	
316092 90 9	FIDELITY	CALL	
316092 95 9	FIDELITY	PUT	
316092 71 7	FIDELITY	INT VL FCT ETF	
316092 72 5	FIDELITY	INT HG DIV ETF	
316092 78 2	FIDELITY	VLU FACTOR ETF	
316092 79 0	FIDELITY	QLTY FCTOR ETF	
316092 80 8 *	FIDELITY	MSCI INFO TECH I	
316092 90 8	FIDELITY	CALL	
316092 95 8	FIDELITY	PUT	
316092 81 6	FIDELITY	MOMENTUM FACTR	
316092 82 4	FIDELITY	LOW VOLITY ETF	
316092 83 2	FIDELITY	DIVID ETF RISI	
316092 84 0	FIDELITY	HIGH DIVID ETF	
316092 85 7	FIDELITY	MSCI RL EST ETF	
316092 86 5	FIDELITY	MSCI UTILS INDEX	
316092 87 3	FIDELITY	MSCI COMMNTN SVC	
316092 88 1 *	FIDELITY	MSCI MATLS INDEX	
316092 90 1	FIDELITY	CALL	
316092 95 1	FIDELITY	PUT	
316188 10 1	FIDELITY	CORP BOND ETF	
316188 20 0	FIDELITY	LTD TRM BD ETF	
316188 30 9	FIDELITY	TOTAL BD ETF	
316188 40 8	FIDELITY	LOW DURTIN ETF	
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	
316394 10 5 *	FIDELITY SOUTHERN CORP NEW	COM	
316394 90 5	FIDELITY SOUTHERN CORP NEW	CALL	
316394 95 5	FIDELITY SOUTHERN CORP NEW	PUT	
31647Q 10 6	FIDUCIARY CLAYMORE ENGRY INF	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
31680Q 10 4 *	58 COM INC	SPON ADR REP A	
31680Q 90 4	58 COM INC	CALL	
31680Q 95 4	58 COM INC	PUT	
316827 AC 8	51JOB INC	NOTE 3.250% 4/1	
316827 10 4 *	51JOB INC	SP ADR REP COM	
316827 90 4	51JOB INC	CALL	
316827 95 4	51JOB INC	PUT	
317585 40 4 *	FINANCIAL INSTNS INC	COM	
317585 90 4	FINANCIAL INSTNS INC	CALL	
317585 95 4	FINANCIAL INSTNS INC	PUT	
31787A AM 3	FINISAR CORP	NOTE 0.500%12/1	
31787A AP 6	FINISAR CORP	NOTE 0.500%12/1	
31787A 50 7 *	FINISAR CORP	COM NEW	
31787A 90 7	FINISAR CORP	CALL	
31787A 95 7	FINISAR CORP	PUT	
31788H 30 3 *	FINJAN HLDGS INC	COM NEW	
31788H 90 3	FINJAN HLDGS INC	CALL	
31788H 95 3	FINJAN HLDGS INC	PUT	
31811A 30 9	FINTECH ACQUISITION CORP III	UNIT 12/01/2023	ADDED
31816Q AB 7	FIREEYE INC	NOTE 1.000% 6/0	
31816Q AD 3	FIREEYE INC	NOTE 1.625% 6/0	
31816Q 10 1 *	FIREEYE INC	COM	
31816Q 90 1	FIREEYE INC	CALL	
31816Q 95 1	FIREEYE INC	PUT	
31847R 10 2 *	FIRST AMERN FINL CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
31931U 10 2	FIRST BANK WILLIAMSTOWN NJ	COM	
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 BUS FINL SVCS INC WIS	COM	
319390 90 0	FIRST BUS FINL SVCS INC WIS	CALL	
319390 95 0	FIRST BUS FINL SVCS INC WIS	PUT	
31942S 10 4	FIRST CAPITAL 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	
31948P 10 4	FIRST CHOICE BANCORP	COM	
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	
319850 10 3 *	FIRST CONN BANCORP INC MD	COM	DELETED
319850 90 3	FIRST CONN BANCORP INC MD	CALL	DELETED
319850 95 3	FIRST CONN BANCORP INC MD	PUT	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
31986N 10 2	1ST CONSTITUTION BANCORP	COM	
32006W 10 6 *	FIRST DEFIANCE FINL CORP	COM	
32006W 90 6	FIRST DEFIANCE FINL CORP	CALL	
32006W 95 6	FIRST DEFIANCE FINL CORP	PUT	
32008D 10 6 *	FIRST DATA CORP NEW	COM CL A	
32008D 90 6	FIRST DATA CORP NEW	CALL	
32008D 95 6	FIRST DATA CORP NEW	PUT	
32020R 10 9 *	FIRST FINL BANKSHARES	COM	
32020R 90 9	FIRST FINL BANKSHARES	CALL	
32020R 95 9	FIRST FINL BANKSHARES	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	
320209 11 7	FIRST FINL BANCORP OH	*W EXP 12/23/201	DELETED
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	
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 NATL CORP	COM	
320517 90 5	FIRST HORIZON NATL CORP	CALL	
320517 95 5	FIRST HORIZON NATL CORP	PUT	
32054K 10 3 *	FIRST INDUSTRIAL REALTY TRUS	COM	
32054K 90 3	FIRST INDUSTRIAL REALTY TRUS	CALL	
32054K 95 3	FIRST INDUSTRIAL REALTY TRUS	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
320557 10 1	FIRST INTERNET BANCORP	COM	
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 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	
320866 10 6	FIRST MID ILL BANCSHARES INC	COM	
320867 10 4 *	FIRST MIDWEST BANCORP DEL	COM	
320867 90 4	FIRST MIDWEST BANCORP DEL	CALL	
320867 95 4	FIRST MIDWEST BANCORP DEL	PUT	
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	
33621E 10 9	FIRST SAVINGS FINL GROUP INC	COM	
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 DIV LEA	SHS	
336917 90 9	FIRST TR MORNINGSTAR DIV LEA	CALL	
336917 95 9	FIRST TR MORNINGSTAR DIV LEA	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 DJS MICROCAP INDEX	COM SHS ANNUAL	
33718M 90 5	FIRST TR DJS MICROCAP INDEX	CALL	
33718M 95 5	FIRST TR DJS MICROCAP INDEX	PUT	

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33718W 10 3	FIRST TR INTER DUR PFD & IN	COM	
33731K 10 2	FIRST TR/ABERDEEN EMERG OPT	COM	
337318 10 9	FIRST TR ENHANCED EQTY INC F	COM	
337319 10 7	FIRST TR ABERDEEN GLBL OPP F	COM SHS	
33733A 10 2 *	FIRST TR EXCHANGE TRADED FD	CHINDIA ETF	
33733A 90 2	FIRST TR EXCHANGE TRADED FD	CALL	
33733A 95 2	FIRST TR EXCHANGE TRADED FD	PUT	
33733A 20 1	FIRST TR EXCHANGE TRADED FD	DOW 30 EQL WGT	
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	COM SHS	
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 INTERNET 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 50 0	FIRST TR EXCHANGE TRADED FD	NAS CLNEDG GREEN	
33733E 70 8	FIRST TR EXCHANGE TRADED FD	ETF	
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 87 2	FIRST TR EXCHANGE TRADED FD	LUNT US FACTOR	
33733E 88 0	FIRST TR EXCHANGE TRADED FD	DORSEY WRIGHT PE	
33733F 10 1	FIRST TR MULTI CAP GR ALPHAD	COM SHS	
33733G 10 9	FIRST TRUST SPECIALTY FINANC	COM BEN INTR	
33733H 10 7	FIRST TR BICK INDEX FD	COM SHS	
33733U 10 8	FIRST TR SR FLG RTE INCM FD	COM	
33734E 10 3	FIRST TRUST MORTGAGE INCM FD	COM SHS	

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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 ALPHADEX	
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	
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	

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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 30 9	FIRST TR EXCHANGE TRADED FD	AUTO INDEX FD	
33734X 77 0	FIRST TR EXCHANGE TRADED FD	DJ INTL INTRNT	ADDED
33734X 78 8	FIRST TR EXCHANGE TRADED FD	IPOX EUROPE EQ	ADDED
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	
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 IPO ETF	
33734Y 10 9	FIRST TR SML CP CORE ALPHA F	COM SHS	
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 NASDAQ100 TECH INDE	SHS	
337345 90 2	FIRST TR NASDAQ100 TECH INDE	CALL	
337345 95 2	FIRST TR NASDAQ100 TECH INDE	PUT	
33735B 10 8	FIRST TR MID CAP CORE ALPHAD	COM SHS	
33735G 10 7	FIRST TR VALUE LINE 100 ETF	COM SHS	
33735J 10 1	FIRST TR LRG CP VL ALPHAD	COM SHS	
33735K 10 8 *	FIRST TR LRG CP GRWTH ALPHAD	COM SHS	
33735K 90 8	FIRST TR LRG CP GRWTH ALPHAD	CALL	
33735K 95 8	FIRST TR LRG CP GRWTH ALPHAD	PUT	
33735T 10 9 *	FIRST TR STOXX EURO DIV FD	COMMON SHS	
33735T 90 9	FIRST TR STOXX EURO DIV FD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
33735T 95 9	FIRST TR STOXX EURO DIV FD	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	GLOBAL ENGR ETF	
33736N 10 1	FIRST TR FTSE EPRA/NAREIT DE	COM	
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 EXCH TRADED FD II	NASDQ CLN EDGE	
33737J 10 9	FIRST TR EXCH TRD ALPHA FD I	ASIA EX JAPAN	
33737J 11 7 *	FIRST TR EXCH TRD ALPHA FD I	EUROPE ALPHADEX	
33737J 90 7	FIRST TR EXCH TRD ALPHA FD I	CALL	
33737J 95 7	FIRST TR EXCH TRD ALPHA FD I	PUT	
33737J 12 5	FIRST TR EXCH TRD ALPHA FD I	LATIN AMER ALP	
33737J 13 3	FIRST TR EXCH TRD ALPHA FD I	BRAZIL ALPHADEX	
33737J 14 1 *	FIRST TR EXCH TRD ALPHA FD I	CHINA ALPHADEX	
33737J 90 1	FIRST TR EXCH TRD ALPHA FD I	CALL	
33737J 95 1	FIRST TR EXCH TRD ALPHA FD I	PUT	
33737J 15 8	FIRST TR EXCH TRD ALPHA FD I	JAPAN ALPHADEX	
33737J 16 6	FIRST TR EXCH TRD ALPHA FD I	STH KOREA ALPH	
33737J 17 4	FIRST TR EXCH TRD ALPHA FD I	DEV MRK EX US	
33737J 18 2 *	FIRST TR EXCH TRD ALPHA FD I	EMERG MKT ALPH	
33737J 90 2	FIRST TR EXCH TRD ALPHA FD I	CALL	
33737J 95 2	FIRST TR EXCH TRD ALPHA FD I	PUT	
33737J 19 0	FIRST TR EXCH TRD ALPHA FD I	GERMANY ALPHA	
33737J 20 8	FIRST TR EXCH TRD ALPHA FD I	CANADA ALPHA	
33737J 21 6	FIRST TR EXCH TRD ALPHA FD I	AUSTRALIA ALPH	
33737J 22 4	FIRST TR EXCH TRD ALPHA FD I	UNIT KING ALPH	
33737J 23 2	FIRST TR EXCH TRD ALPHA FD I	SWITZLND ALPHA	
33737J 24 0	FIRST TR EXCH TRD ALPHA FD I	HONG KONG ALPH	
33737J 30 7	FIRST TR EXCH TRD ALPHA FD I	EM SML CP ALPH	
33737J 40 6	FIRST TR EXCH TRD ALPHA FD I	EX US SML CP	
33737J 50 5	FIRST TR EXCH TRD ALPHA FD I	EURO ALPHADEX	

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33737J 80 2	FIRST TR EXCH TRD ALPHA FD I	INDIA NIFTY50 EQW	
33737K 10 6	FIRST TR EXCHANGE TRADED FD	NASDAQ SMRTPHONE	
33737M 10 2	FIRST TR EXCNGE TRD ALPHADDEX	MID CP GR ALPH	
33737M 20 1	FIRST TR EXCNGE TRD ALPHADDEX	MID CAP VAL FD	
33737M 30 0	FIRST TR EXCNGE TRD ALPHADDEX	SML CP GRW ALP	
33737M 40 9	FIRST TR EXCNGE TRD ALPHADDEX	SML CAP VAL AL	
33737M 50 8	FIRST TR EXCNGE TRD ALPHADDEX	MEGA CAP ALPHA	
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 40 8	FIRST TR EXCHANGE TRADED FD	FIRST TR TA HIYL	
33738E 10 9	FIRST TR HIGH INCOME L/S FD	COM	
33738G 10 4	FIRST TR ENERGY INCOME & GRW	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 40 7	FIRST TR EXCHANGE TRADED FD	HEDGED BUYWRITE	
33738R 50 6	FIRST TR EXCHANGE TRADED FD	RISNG DIVD ACHIV	
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 68 8	FIRST TR EXCHANGE TRADED FD	S&P INTL DIVID	
33738R 69 6	FIRST TR EXCHANGE TRADED FD	DORSEYWRIGHT MOM	
33738R 70 4	FIRST TR EXCHANGE TRADED FD	RBA INDL ETF	
33738R 71 2	FIRST TR EXCHANGE TRADED FD	DORSEYWRGT ETF	
33738R 72 0	FIRST TR EXCHANGE TRADED FD	NASDQ ARTFCIAL	
33738R 73 8	FIRST TR EXCHANGE TRADED FD	US EQTY DIVI	
33738R 74 6	FIRST TR EXCHANGE TRADED FD	SMAL CP US EQT	

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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 81 1	FIRST TR EXCHANGE TRADED FD	NASDQ SEMCNDTR	
33738R 82 9	FIRST TR EXCHANGE TRADED FD	NASDAQ RETAIL	
33738R 83 7	FIRST TR EXCHANGE TRADED FD	NASDQ PHRMTCLS	
33738R 84 5	FIRST TR EXCHANGE TRADED FD	NASDQ OIL GAS	
33738R 85 2	FIRST TR EXCHANGE TRADED FD	NASDQ FOD BVRG	
33738R 86 0	FIRST TR EXCHANGE TRADED FD	NASDAQ BK ETF	
33738R 87 8	FIRST TR EXCHANGE TRADED FD	DORSEY WRIGHT	
33738R 88 6	FIRST TR EXCHANGE TRADED FD	DORSEY WRIGHT	
33739B 10 4	FIRST TR MLP & ENERGY INCOME	COM	
33739E 10 8 *	FIRST TR EXCHANGE-TRADED FD	PFD SECS INC ETF	
33739E 90 8	FIRST TR EXCHANGE-TRADED FD	CALL	
33739E 95 8	FIRST TR EXCHANGE-TRADED FD	PUT	
33739G 10 3	FIRST TR EXCHANGE TRADED FD	FIRST TR MNGSTR	
33739H 10 1 *	FIRST TR EXCHAN TRADED FD VI	FST TR GLB FD	
33739H 90 1	FIRST TR EXCHAN TRADED FD VI	CALL	
33739H 95 1	FIRST TR EXCHAN TRADED FD VI	PUT	
33739M 10 0	FST TR NEW OPPORT MLP & ENE	COM	
33739N 10 8	FIRST TR EXCHANG TRADED FD I	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 50 9	FIRST TR EXCH TRADED FD III	RIVRFRNT DY ASIA	
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 83 0	FIRST TR EXCH TRADED FD III	SHRT DUR MNG MUN	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 30 9	FIRST TR EXCHANGE TRADED FD	FT STRG INCM ETF	
33739Q 40 8	FIRST TR EXCHANGE TRADED FD	FIRST TR ENH NEW	
33739Q 50 7	FIRST TR EXCHANGE TRADED FD	SSI STRG ETF	
33739Q 60 6	FIRST TR EXCHANGE TRADED FD	HEITMAN GLOBAL	
33740D 10 7	FIRST TR DYNAMIC EUROPE EQT	COM SHS	
33740F 40 9	FIRST TR EXCHNG TRADED FD VI	CEF INCM OPPTY	
33740F 50 8	FIRST TR EXCHNG TRADED FD VI	MUN CEF IN OPT	
33740F 60 7	FIRST TR EXCHNG TRADED FD VI	EQUITYCOMPASS	
33740F 70 6	FIRST TR EXCHNG TRADED FD VI	EQTCOMPAS TACT	
33740F 80 5	FIRST TR EXCHNG TRADED FD VI	TCW OPPORTUNIS	
33740F 88 8	FIRST TR EXCHNG TRADED FD VI	TCW UNCONSTRAI	
33740J 10 4	FIRST TRUST ETF III	ULTRA SHT DUR MU	ADDED
33740K 10 1	FIRST TR SR FLOATING RATE 20	COM SHS	
33740Y 10 1	FIRST TR EXCHNG TRADED FD VI	ALT ABSLT STRG	
33741H 10 7	FIRST UTD CORP	COM	
33741L 10 8	FIRST TR EXCHANGE-TRADED FD	DORSY WR MOMNT	
33741L 20 7	FIRST TR EXCHANGE-TRADED FD	DORSY WRGH VLU	
33741X 10 2	FIRST TR EXCHANGE TRADED FD	SMID RISNG ETF	
33741X 20 1	FIRST TR EXCHANGE TRADED FD	INDXX INOVTV ETF	
33744V 10 3	FIRST US BANCSHARES INC	COM	
33751L 10 5	FIRST WESTN FINL INC	COM	
33766Y 10 0 *	FIRSTHAND TECH VALUE FD INC	COM	
33766Y 90 0	FIRSTHAND TECH VALUE FD INC	CALL	
33766Y 95 0	FIRSTHAND TECH VALUE FD INC	PUT	
33767D 10 5 *	FIRSTCASH INC	COM	
33767D 90 5	FIRSTCASH INC	CALL	
33767D 95 5	FIRSTCASH INC	PUT	
33767E 10 3 *	FIRSTSERVICE CORP NEW	SUB VTG SH	
33767E 90 3	FIRSTSERVICE CORP NEW	CALL	
33767E 95 3	FIRSTSERVICE CORP NEW	PUT	
337738 10 8 *	FISERV INC	COM	
337738 90 8	FISERV INC	CALL	

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337738 95 8	FISERV INC	PUT	
337930 70 5 *	FLAGSTAR BANCORP INC	COM PAR .001	
337930 90 5	FLAGSTAR BANCORP INC	CALL	
337930 95 5	FLAGSTAR BANCORP INC	PUT	
337932 10 7 *	FIRSTENERGY CORP	COM	
337932 90 7	FIRSTENERGY CORP	CALL	
337932 95 7	FIRSTENERGY CORP	PUT	
33812L 10 2 *	FITBIT INC	CL A	
33812L 90 2	FITBIT INC	CALL	
33812L 95 2	FITBIT INC	PUT	
33829M 10 1 *	FIVE BELOW INC	COM	
33829M 90 1	FIVE BELOW INC	CALL	
33829M 95 1	FIVE BELOW INC	PUT	
33829R 10 0 *	500 COM LTD	SPON ADR REP A	
33829R 90 0	500 COM LTD	CALL	
33829R 95 0	500 COM LTD	PUT	
33830X 10 4 *	FIVE PRIME THERAPEUTICS INC	COM	
33830X 90 4	FIVE PRIME THERAPEUTICS INC	CALL	
33830X 95 4	FIVE PRIME THERAPEUTICS INC	PUT	
338307 10 1 *	FIVE9 INC	COM	
338307 90 1	FIVE9 INC	CALL	
338307 95 1	FIVE9 INC	PUT	
33832D 10 6 *	FIVE STAR SENIOR LIVING INC	COM	
33832D 90 6	FIVE STAR SENIOR LIVING INC	CALL	
33832D 95 6	FIVE STAR SENIOR LIVING INC	PUT	
33833Q 10 6	FIVE POINT HOLDINGS LLC	COM CL A	
338478 10 0	FLAHERTY&CRMN PFD SEC INCOM	COM	
338479 10 8	FLAHERTY & CRUMRINE TOTAL RE	COM	
33848E 10 6	FLAHERTY & CRUMRINE PFD INC	COM	
33848W 10 6	FLAHERTY & CRUMRINE DYN PFD	SHS	
338480 10 6	FLAHERTY & CRUMRINE PFD INC	COM	
338517 10 5	FLANIGANS ENTERPRISES INC	COM	
339041 10 5 *	FLEETCOR TECHNOLOGIES INC	COM	
339041 90 5	FLEETCOR TECHNOLOGIES INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
339041 95 5	FLEETCOR TECHNOLOGIES INC	PUT	
33938A 10 5 *	FLEX PHARMA INC	COM	
33938A 90 5	FLEX PHARMA INC	CALL	
33938A 95 5	FLEX PHARMA INC	PUT	
33938J AB 2	FLEXION THERAPEUTICS INC	NOTE 3.375% 5/0	
33938J 10 6 *	FLEXION THERAPEUTICS INC	COM	
33938J 90 6	FLEXION THERAPEUTICS INC	CALL	
33938J 95 6	FLEXION THERAPEUTICS INC	PUT	
33938T 10 4	FLEXIBLE SOLUTIONS INTL INC	COM	
339382 10 3	FLEXSTEEL INDS INC	COM	
33939J 11 3	FLEXSHOPPER INC	*W EXP 09/28/202	
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 90 6	FLEXSHARES TR	CALL	
33939L 95 6	FLEXSHARES TR	PUT	
33939L 60 5	FLEXSHARES TR	IBOXX 5YR TRGT	
33939L 66 2	FLEXSHARES TR	HIG YLD VL ETF	
33939L 67 0	FLEXSHARES TR	CRE SLCT BD FD	
33939L 68 8	FLEXSHARES TR	STOX GLB INDEX	
33939L 69 6	FLEXSHARES TR	STOX ESG INDEX	
33939L 71 2	FLEXSHARES TR	CUR HDG EM IDX	
33939L 72 0	FLEXSHARES TR	CUR HDG DM IDX	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 85 2	FLEXSHARES TR	QLT DIVDYN IDX	
33939L 86 0	FLEXSHARES TR	QUALT DIVD IDX	
33939L 88 6	FLEXSHARES TR	READY ACC VARI	
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	
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	
34380C 10 2 *	FLUENT INC	COM	
34380C 90 2	FLUENT INC	CALL	
34380C 95 2	FLUENT INC	PUT	
34385P AA 6	FLUIDIGM CORP DEL	NOTE 2.750% 2/0	
34385P AC 2	FLUIDIGM CORP DEL	NOTE 2.750% 2/0	
34385P AD 0	FLUIDIGM CORP DEL	NOTE 2.750% 2/0	
34385P 10 8 *	FLUIDIGM CORP DEL	COM	
34385P 90 8	FLUIDIGM CORP DEL	CALL	
34385P 95 8	FLUIDIGM CORP DEL	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
343873 10 5 *	FLUSHING FINL CORP	COM	
343873 90 5	FLUSHING FINL CORP	CALL	
343873 95 5	FLUSHING FINL CORP	PUT	
34407D 10 9 *	FLY LEASING LTD	SPONSORED ADR	
34407D 90 9	FLY LEASING LTD	CALL	
34407D 95 9	FLY LEASING LTD	PUT	
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	
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	
344849 95 4	FOOT LOCKER INC	PUT	
345370 86 0 *	FORD MTR CO DEL	COM PAR \$0.01	
345370 90 0	FORD MTR CO DEL	CALL	
345370 95 0	FORD MTR CO DEL	PUT	
34552U 10 4 *	FORESIGHT ENERGY LP	COM UNT RP INT	
34552U 90 4	FORESIGHT ENERGY LP	CALL	
34552U 95 4	FORESIGHT ENERGY LP	PUT	
345523 10 4	FORESIGHT AUTONOMOUS HLDGS L	SPONSORED ADS	
34553D 10 1 *	FORESCOUT TECHNOLOGIES INC	COM	
34553D 90 1	FORESCOUT TECHNOLOGIES INC	CALL	
34553D 95 1	FORESCOUT TECHNOLOGIES INC	PUT	
345550 AR 8	FOREST CITY ENTERPRISES INC	NOTE 3.625% 8/1	DELETED
345605 10 9 *	FOREST CITY RLTY TR INC	COM CL A	DELETED
345605 90 9	FOREST CITY RLTY TR INC	CALL	DELETED
345605 95 9	FOREST CITY RLTY TR INC	PUT	DELETED
346232 AB 7	FORESTAR GROUP INC	NOTE 3.750% 3/0	
346232 10 1 *	FORESTAR GROUP INC	COM	
346232 90 1	FORESTAR GROUP INC	CALL	
346232 95 1	FORESTAR GROUP INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
346375 10 8 *	FORMFACTOR INC	COM	
346375 90 8	FORMFACTOR INC	CALL	
346375 95 8	FORMFACTOR INC	PUT	
346414 10 5	FORMULA SYS 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	
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	
34959J 20 7	FORTIVE CORP	5% PFD CNV SER A	
34960P 10 1 *	FORTRESS TRANS INFRST INVS L	COM REP LTD LIAB	
34960P 90 1	FORTRESS TRANS INFRST INVS L	CALL	
34960P 95 1	FORTRESS TRANS INFRST INVS L	PUT	
34960Q 10 9 *	FORTRESS BIOTECH INC	COM	
34960Q 90 9	FORTRESS BIOTECH INC	CALL	
34960Q 95 9	FORTRESS BIOTECH INC	PUT	
34960W 10 6 *	FORTERRA INC	COM	
34960W 90 6	FORTERRA INC	CALL	
34960W 95 6	FORTERRA INC	PUT	
34964C 10 6 *	FORTUNE BRANDS HOME & SEC IN	COM	
34964C 90 6	FORTUNE BRANDS HOME & SEC IN	CALL	
34964C 95 6	FORTUNE BRANDS HOME & SEC IN	PUT	
34983P 10 4	FORTY SEVEN INC	COM	
34984V 10 0 *	FORUM ENERGY TECHNOLOGIES IN	COM	
34984V 90 0	FORUM ENERGY TECHNOLOGIES IN	CALL	
34984V 95 0	FORUM ENERGY TECHNOLOGIES IN	PUT	
349853 10 1 *	FORWARD AIR CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
349853 90 1	FORWARD AIR CORP	CALL	
349853 95 1	FORWARD AIR CORP	PUT	
34986F 10 3	FORUM MERGER II CORP	CL A	
34986F 11 1	FORUM MERGER II CORP	*W EXP 09/30/202	
34986F 20 2	FORUM MERGER II CORP	UNIT 09/30/2025	
34986J 10 5	FORWARD PHARMA A/S	SPONSORED ADR	
349862 30 0	FORWARD INDS INC N Y	COM NEW	
34988V 10 6 *	FOSSIL GROUP INC	COM	
34988V 90 6	FOSSIL GROUP INC	CALL	
34988V 95 6	FOSSIL GROUP INC	PUT	
349915 10 8 *	FORTUNA SILVER MINES INC	COM	
349915 90 8	FORTUNA SILVER MINES INC	CALL	
349915 95 8	FORTUNA SILVER MINES INC	PUT	
350060 10 9 *	FOSTER L B CO	COM	
350060 90 9	FOSTER L B CO	CALL	
350060 95 9	FOSTER L B CO	PUT	
350392 10 6	FOUNDATION BLDG MATLS INC	COM	
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	
35101A 10 1	FOUR SEASONS ED CAYMAN INC	ADR	
35138V 10 2 *	FOX FACTORY HLDG CORP	COM	
35138V 90 2	FOX FACTORY HLDG CORP	CALL	
35138V 95 2	FOX FACTORY HLDG CORP	PUT	
351680 10 3	FQF TR	AGFIQ US MK MNTM	
351680 20 2	FQF TR	AGFIQ US MKT VLU	
351680 40 0	FQF TR	AGFIQ US MK SIZE	
351680 70 7	FQF TR	AGFIQ US MK ANTI	
351680 80 6	FQF TR	AGFIQ HEDGED DIV	
351793 10 4 *	FRANDESCAS HLDGS CORP	COM	
351793 90 4	FRANDESCAS HLDGS CORP	CALL	
351793 95 4	FRANDESCAS HLDGS CORP	PUT	
351858 10 5 *	FRANCO NEVADA CORP	COM	
351858 90 5	FRANCO NEVADA CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
351858 95 5	FRANCO NEVADA CORP	PUT	
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	LIBERTY SHRT ETF	
353514 10 2 *	FRANKLIN ELEC INC	COM	
353514 90 2	FRANKLIN ELEC INC	CALL	
353514 95 2	FRANKLIN ELEC INC	PUT	
35352P 10 4 *	FRANKLIN FINL NETWORK INC	COM	
35352P 90 4	FRANKLIN FINL NETWORK INC	CALL	
35352P 95 4	FRANKLIN FINL NETWORK INC	PUT	
353793 11 0	FRANKLIN LTD DURATION INCM T	RIGHT 10/18/2018	DELETED
354613 10 1 *	FRANKLIN RES INC	COM	
354613 90 1	FRANKLIN RES INC	CALL	
354613 95 1	FRANKLIN RES INC	PUT	
35471R 10 6 *	FRANKLIN STREET PPTYS CORP	COM	
35471R 90 6	FRANKLIN STREET PPTYS CORP	CALL	
35471R 95 6	FRANKLIN STREET PPTYS CORP	PUT	
35472T 10 1	FRANKLIN LTD DURATION INC TR	COM	
35473P 10 8	FRANKLIN TEMPLETON ETF TR	LIBERTYQ INTL	
35473P 20 7	FRANKLIN TEMPLETON ETF TR	LIBERTYQ EMERG	
35473P 30 6	FRANKLIN TEMPLETON ETF TR	LIBERTYQ GBL	
35473P 40 5	FRANKLIN TEMPLETON ETF TR	LIBERTYQ EQUITY	
35473P 50 4	FRANKLIN TEMPLETON ETF TR	LIBERTY US ETF	
35473P 56 1	FRANKLIN TEMPLETON ETF TR	FTSE LATN AMRC	ADDED
35473P 57 9	FRANKLIN TEMPLETON ETF TR	FTSE SOUTH AFR	ADDED
35473P 58 7	FRANKLIN TEMPLETON ETF TR	FTSE SAUDI ARB	ADDED
35473P 59 5	FRANKLIN TEMPLETON ETF TR	LIBERTY SR LN	
35473P 60 3	FRANKLIN TEMPLETON ETF TR	LIBERTY INVT	
35473P 61 1	FRANKLIN TEMPLETON ETF TR	LIBERTY INTL	
35473P 62 9	FRANKLIN TEMPLETON ETF TR	LIBERTY HI YLD	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 70 2	FRANKLIN TEMPLETON ETF TR	LIBRT INT OPPT	
35473P 71 0	FRANKLIN TEMPLETON ETF TR	FTSE SOUTH KOREA	
35473P 72 8	FRANKLIN TEMPLETON ETF TR	FRANKLIN RUSIA	
35473P 73 6	FRANKLIN TEMPLETON ETF TR	FTSE MEXICO	
35473P 74 4	FRANKLIN TEMPLETON ETF TR	FTSE JAPAN ETF	
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	LIBERTYQ US EQT	
35473P 81 9	FRANKLIN TEMPLETON ETF TR	FTSE CHINA	
35473P 82 7	FRANKLIN TEMPLETON ETF TR	FTSE CANADA	
35473P 83 5	FRANKLIN TEMPLETON ETF TR	FTSE BRAZIL	
35473P 84 3	FRANKLIN TEMPLETON ETF TR	FTSE AUSTRALIA	
35473P 85 0	FRANKLIN TEMPLETON ETF TR	LIBERTY MN ETF	
35473P 86 8	FRANKLIN TEMPLETON ETF TR	LIBERTY INTER	
35473P 87 6	FRANKLIN TEMPLETON ETF TR	LIBERTYQ US SML	
35473P 88 4	FRANKLIN TEMPLETON ETF TR	LIBERTYQ US MID	
355145 10 3	FRANKLIN UNVL TR	SH BEN INT	
356108 10 0 *	FREDS INC	CL A	
356108 90 0	FREDS INC	CALL	
356108 95 0	FREDS INC	PUT	
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	

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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	
358039 10 5 *	FRESHPET INC	COM	
358039 90 5	FRESHPET INC	CALL	
358039 95 5	FRESHPET INC	PUT	
358435 10 5	FRIEDMAN INDS INC	COM	
35904G 10 7 *	FRONT YD RESIDENTIAL CORP	COM	
35904G 90 7	FRONT YD RESIDENTIAL CORP	CALL	
35904G 95 7	FRONT YD RESIDENTIAL CORP	PUT	
35905A 10 9 *	FRONTDOOR INC	COM	
35905A 90 9	FRONTDOOR INC	CALL	
35905A 95 9	FRONTDOOR INC	PUT	
35905J 10 0	FRONTEO INC	SPONSORED ADR	
35906A 30 6 *	FRONTIER COMMUNICATIONS CORP	COM NEW	
35906A 90 6	FRONTIER COMMUNICATIONS CORP	CALL	
35906A 95 6	FRONTIER COMMUNICATIONS CORP	PUT	
35952H 50 2 *	FUELCELL ENERGY INC	COM NEW	
35952H 90 2	FUELCELL ENERGY INC	CALL	
35952H 95 2	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	
359664 10 9	FULGENT GENETICS INC	COM	
359678 10 9	FULL HOUSE RESORTS INC	COM	
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	
361008 10 5 *	FUNKO INC	COM CL A	
361008 90 5	FUNKO INC	CALL	
361008 95 5	FUNKO INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36116M 10 6 *	FUTUREFUEL CORPORATION	COM	
36116M 90 6	FUTUREFUEL CORPORATION	CALL	
36116M 95 6	FUTUREFUEL CORPORATION	PUT	
36116X 10 2 *	FUSION CONNECT INC	COM	
36116X 90 2	FUSION CONNECT INC	CALL	
36116X 95 2	FUSION CONNECT INC	PUT	
36117V 10 5	FUTURE FINTECH GROUP INC	COM PAR	
36120Q 10 1	FVCBANKCORP INC	COM	
361438 10 4	GAMCO INVESTORS INC	CL A COM	
361448 10 3 *	GATX CORP	COM	
361448 90 3	GATX CORP	CALL	
361448 95 3	GATX CORP	PUT	
361570 10 4	GDL FUND	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	
36164V 30 5 *	GCI LIBERTY INC	COM CLASS A	
36164V 90 5	GCI LIBERTY INC	CALL	
36164V 95 5	GCI LIBERTY INC	PUT	
36164Y 10 1 *	GCP APPLIED TECHNOLOGIES INC	COM	
36164Y 90 1	GCP APPLIED TECHNOLOGIES INC	CALL	
36164Y 95 1	GCP APPLIED TECHNOLOGIES INC	PUT	
36165A 10 2	GEE GROUP INC	COM	
36165L 10 8 *	GDS HLDGS LTD	SPONSORED ADR	
36165L 90 8	GDS HLDGS LTD	CALL	
36165L 95 8	GDS HLDGS LTD	PUT	
36191G AB 3	GNC HLDGS INC	NOTE 1.500% 8/1	
36191G 10 7 *	GNC HLDGS INC	COM CL A	
36191G 90 7	GNC HLDGS INC	CALL	
36191G 95 7	GNC HLDGS INC	PUT	
36191J AC 5	GSV CAP CORP	NOTE 4.750% 3/2	
36191J 10 1 *	GSV CAP CORP	COM	
36191J 90 1	GSV CAP CORP	CALL	
36191J 95 1	GSV CAP CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36192A 10 9	GWG HLDGS INC	COM	
36197T 10 3 *	GW PHARMACEUTICALS PLC	ADS	
36197T 90 3	GW PHARMACEUTICALS PLC	CALL	
36197T 95 3	GW PHARMACEUTICALS PLC	PUT	
3621LQ 10 9 *	G1 THERAPEUTICS INC	COM	
3621LQ 90 9	G1 THERAPEUTICS INC	CALL	
3621LQ 95 9	G1 THERAPEUTICS INC	PUT	
36225V 10 4 *	GP STRATEGIES CORP	COM	
36225V 90 4	GP STRATEGIES CORP	CALL	
36225V 95 4	GP STRATEGIES CORP	PUT	
36227K 10 6	GSE SYS INC	COM	
362273 10 4	GS FIN CORP	ETN CLAYMORE37	
362273 30 2	GS FIN CORP	MEDIUM TERM NTS	
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	
362393 10 0 *	GTT COMMUNICATIONS INC	COM	
362393 90 0	GTT COMMUNICATIONS INC	CALL	
362393 95 0	GTT COMMUNICATIONS INC	PUT	
362397 10 1	GABELLI EQUITY TR INC	COM	
36240A 10 1	GABELLI UTIL TR	COM	
36240B 10 9	GABELLI CONV&INCOM SECS FD I	COM	
36240B 12 5	GABELLI CONV&INCOM SECS FD I	RIGHT 10/17/2018	DELETED
36241U 10 6 *	GSI TECHNOLOGY	COM	
36241U 90 6	GSI TECHNOLOGY	CALL	
36241U 95 6	GSI TECHNOLOGY	PUT	
36242H 10 4	GABELLI DIVD & 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 GLB SML & MD CP VAL	COM	
36250J 10 9	GABELLI GO ANYWHERE TR	COM	
36251C 10 3 *	GMS INC	COM	
36251C 90 3	GMS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36251C 95 3	GMS INC	PUT	
36255F 10 2	GS ACQUISITION HLDGS CORP	COM CL A	
36255F 11 0	GS ACQUISITION HLDGS CORP	*W EXP 06/12/202	
36255F 20 1	GS ACQUISITION HLDGS CORP	UNIT 06/12/2023	
362607 40 0 *	GAFISA S A	UNSPONSORED ADR	DELETED
362607 90 0	GAFISA S A	CALL	DELETED
362607 95 0	GAFISA S A	PUT	DELETED
36268W AB 6	GAIN CAP HLDGS INC	NOTE 4.125%12/0	DELETED
36268W AF 7	GAIN CAP HLDGS INC	NOTE 5.000% 8/1	
36268W 10 0 *	GAIN CAP HLDGS INC	COM	
36268W 90 0	GAIN CAP HLDGS INC	CALL	
36268W 95 0	GAIN CAP HLDGS 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	
363225 20 2 *	GALECTIN THERAPEUTICS INC	COM NEW	
363225 90 2	GALECTIN THERAPEUTICS INC	CALL	
363225 95 2	GALECTIN THERAPEUTICS 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	
36465A 10 9	GAMCO GLOBAL GOLD NAT RES &	COM SH BEN INT	
36465E 10 1	GAMCO NAT RES GOLD & INCOME	SH BEN INT	
36467A 10 7	GAMING PARTNERS INTL CORP	COM	
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	
36473H 10 4 *	GANNETT CO INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36473H 90 4	GANNETT CO INC	CALL	
36473H 95 4	GANNETT CO INC	PUT	
364760 10 8 *	GAP INC DEL	COM	
364760 90 8	GAP INC DEL	CALL	
364760 95 8	GAP INC DEL	PUT	
36555P 10 7 *	GARDNER DENVER HLDGS INC	COM	
36555P 90 7	GARDNER DENVER HLDGS INC	CALL	
36555P 95 7	GARDNER DENVER HLDGS INC	PUT	
366505 10 5 *	GARRETT MOTION INC	COM	
366505 90 5	GARRETT MOTION INC	CALL	
366505 95 5	GARRETT MOTION INC	PUT	
366554 10 3 *	GARRISON CAP INC	COM	
366554 90 3	GARRISON CAP INC	CALL	
366554 95 3	GARRISON CAP INC	PUT	
366651 10 7 *	GARTNER INC	COM	
366651 90 7	GARTNER INC	CALL	
366651 95 7	GARTNER INC	PUT	
368678 10 8	GENCOR INDS INC	COM	
36870A 10 8 *	GEMPHIRE THERAPEUTICS INC	COM	
36870A 90 8	GEMPHIRE THERAPEUTICS INC	CALL	
36870A 95 8	GEMPHIRE THERAPEUTICS 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 INC	COM	
369550 10 8 *	GENERAL DYNAMICS CORP	COM	
369550 90 8	GENERAL DYNAMICS CORP	CALL	
369550 95 8	GENERAL DYNAMICS CORP	PUT	
369604 10 3 *	GENERAL ELECTRIC CO	COM	
369604 90 3	GENERAL ELECTRIC CO	CALL	
369604 95 3	GENERAL ELECTRIC CO	PUT	
369822 10 1 *	GENERAL FIN CORP DEL	COM	
369822 90 1	GENERAL FIN CORP DEL	CALL	
369822 95 1	GENERAL FIN CORP DEL	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
370334 10 4 *	GENERAL MLS INC	COM	
370334 90 4	GENERAL MLS INC	CALL	
370334 95 4	GENERAL MLS INC	PUT	
370373 10 2 *	GENERAL MOLY INC	COM	
370373 90 2	GENERAL MOLY INC	CALL	
370373 95 2	GENERAL MOLY INC	PUT	
37045V 10 0 *	GENERAL MTRS CO	COM	
37045V 90 0	GENERAL MTRS CO	CALL	
37045V 95 0	GENERAL MTRS CO	PUT	
37045V 12 6	GENERAL MTRS CO	*W EXP 07/10/201	
371532 10 2 *	GENESCO INC	COM	
371532 90 2	GENESCO INC	CALL	
371532 95 2	GENESCO INC	PUT	
371559 10 5 *	GENESEEE & WYO INC	CL A	
371559 90 5	GENESEEE & WYO INC	CALL	
371559 95 5	GENESEEE & WYO INC	PUT	
37185R 20 8 *	GENETIC TECHNOLOGIES LTD	SPONSORED ADR	
37185R 90 8	GENETIC TECHNOLOGIES LTD	CALL	
37185R 95 8	GENETIC TECHNOLOGIES LTD	PUT	
37185X 10 6 *	GENESIS HEALTHCARE INC	CL A COM	
37185X 90 6	GENESIS HEALTHCARE INC	CALL	
37185X 95 6	GENESIS HEALTHCARE INC	PUT	
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	
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 PAR	
372309 10 4 *	GENMARK DIAGNOSTICS INC	COM	
372309 90 4	GENMARK DIAGNOSTICS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
372309 95 4	GENMARK DIAGNOSTICS INC	PUT	
372427 10 4 *	GENOCEA BIOSCIENCES INC	COM	
372427 90 4	GENOCEA BIOSCIENCES INC	CALL	
372427 95 4	GENOCEA BIOSCIENCES INC	PUT	
37244C 10 1 *	GENOMIC HEALTH INC	COM	
37244C 90 1	GENOMIC HEALTH INC	CALL	
37244C 95 1	GENOMIC HEALTH INC	PUT	
372446 10 4	GENPREX INC	COM	
372460 10 5 *	GENUINE PARTS CO	COM	
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	
373737 10 5 *	GERDAU S A	SPON ADR REP PFD	
373737 90 5	GERDAU S A	CALL	
373737 95 5	GERDAU S A	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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
374396 95 6	GEVO INC	PUT	
374689 10 7 *	GIBRALTAR INDS INC	COM	
374689 90 7	GIBRALTAR INDS INC	CALL	
374689 95 7	GIBRALTAR INDS INC	PUT	
37518N 10 6	GIGCAPITAL INC	COM	
37518N 11 4	GIGCAPITAL INC	RIGHT 03/06/2020	
37518N 12 2	GIGCAPITAL INC	*W EXP 06/08/202	
37518N 20 5	GIGCAPITAL INC	UNIT 03/06/2025	
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	
37637Q 10 5 *	GLACIER BANCORP INC NEW	COM	
37637Q 90 5	GLACIER BANCORP INC NEW	CALL	
37637Q 95 5	GLACIER BANCORP INC NEW	PUT	
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 COML CORP	COM	
376536 90 8	GLADSTONE COML CORP	CALL	
376536 95 8	GLADSTONE COML CORP	PUT	
376546 10 7 *	GLADSTONE INVT CORP	COM	
376546 90 7	GLADSTONE INVT CORP	CALL	
376546 95 7	GLADSTONE INVT CORP	PUT	
376549 10 1 *	GLADSTONE LD CORP	COM	
376549 90 1	GLADSTONE LD CORP	CALL	
376549 95 1	GLADSTONE LD CORP	PUT	
377316 10 4 *	GLATFELTER	COM	
377316 90 4	GLATFELTER	CALL	
377316 95 4	GLATFELTER	PUT	
377322 10 2 *	GLAUKOS CORP	COM	
377322 90 2	GLAUKOS CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
377322 95 2	GLAUKOS CORP	PUT	
37733W 10 5 *	GLAXOSMITHKLINE PLC	SPONSORED ADR	
37733W 90 5	GLAXOSMITHKLINE PLC	CALL	
37733W 95 5	GLAXOSMITHKLINE PLC	PUT	
377407 10 1	GLEN BURNIE BANCORP	COM	
37890U 10 8 *	GLOBAL BLOOD THERAPEUTICS IN	COM	
37890U 90 8	GLOBAL BLOOD THERAPEUTICS IN	CALL	
37890U 95 8	GLOBAL BLOOD THERAPEUTICS IN	PUT	
378973 AD 3	GLOBALSTAR INC	NOTE 5.750% 4/0	
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	
37940G 10 9 *	GLOBALSCAPE INC	COM	
37940G 90 9	GLOBALSCAPE INC	CALL	
37940G 95 9	GLOBALSCAPE INC	PUT	
37940X 10 2 *	GLOBAL PMTS INC	COM	
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	
37950E 10 1	GLOBAL X FDS	FTSE NORDIC REG	
37950E 11 9	GLOBAL X FDS	MSCI SUPR EM ETF	
37950E 12 7	GLOBAL X FDS	REIT ETF	
37950E 13 5	GLOBAL X FDS	GBL X JPM ROTA	
37950E 14 3	GLOBAL X FDS	GBL X JPM EFF	
37950E 19 2	GLOBAL X FDS	GBL X MSCI PT ET	
37950E 20 0 *	GLOBAL X FDS	GLBX MSCI COLUM	
37950E 90 0	GLOBAL X FDS	CALL	
37950E 95 0	GLOBAL X FDS	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
37950E 21 8	GLOBAL X FDS	GLB X NXT EMRG	
37950E 22 6 *	GLOBAL X FDS	GLB X MLP ENRG I	
37950E 90 6	GLOBAL X FDS	CALL	
37950E 95 6	GLOBAL X FDS	PUT	
37950E 24 2	GLOBAL X FDS	MSCI CHINA MATRL	
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 33 3	GLOBAL X FDS	GLBX SUPRINC ETF	
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 36 6 *	GLOBAL X FDS	MSCI GREECE ETF	
37950E 90 6	GLOBAL X FDS	CALL	
37950E 95 6	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	
37950E 47 3 *	GLOBAL X FDS	GLBL X MLP ETF	
37950E 90 3	GLOBAL X FDS	CALL	
37950E 95 3	GLOBAL X FDS	PUT	
37950E 49 9	GLOBAL X FDS	GLB X FERTIL	
37950E 50 7	GLOBAL X FDS	MSCI CHINA ENRGY	
37950E 54 9 *	GLOBAL X FDS	GLB X SUPERDIV	
37950E 90 9	GLOBAL X FDS	CALL	
37950E 95 9	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
37950E 68 9	GLOBAL X FDS	MSCI PAKISTAN	
37950E 70 5 *	GLOBAL X FDS	MSCI CHINA INDST	
37950E 90 5	GLOBAL X FDS	CALL	
37950E 95 5	GLOBAL X FDS	PUT	
37950E 74 7	GLOBAL X FDS	GLBX MSCI NORW	
37950E 80 4 *	GLOBAL X FDS	GBL X MSCI CHINA	
37950E 90 4	GLOBAL X FDS	CALL	
37950E 95 4	GLOBAL X FDS	PUT	
37951D AB 8	GLOBAL EAGLE ENTMT INC	NOTE 2.750% 2/1	
37951D 10 2 *	GLOBAL EAGLE ENTMT INC	COM	
37951D 90 2	GLOBAL EAGLE ENTMT INC	CALL	
37951D 95 2	GLOBAL EAGLE ENTMT INC	PUT	
37953G 10 3 *	GLOBAL BRASS & COPPR HLDGS I	COM	
37953G 90 3	GLOBAL BRASS & COPPR HLDGS I	CALL	
37953G 95 3	GLOBAL BRASS & COPPR HLDGS I	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 10 3	GLOBAL X FDS	SCIEN BETA US	
37954Y 30 1	GLOBAL X FDS	SCIEN BETA EUR	
37954Y 40 0	GLOBAL X FDS	BETA ASIA EXJP	
37954Y 46 7	GLOBAL X FDS	E COMMERCE ETF	ADDED
37954Y 47 5	GLOBAL X FDS	S&P 500 COVERED	ADDED
37954Y 48 3	GLOBAL X FDS	NASDAQ 100 COVER	ADDED
37954Y 49 1	GLOBAL X FDS	DAX GERMANY ETF	ADDED
37954Y 50 9	GLOBAL X FDS	SCIEN BETA JPN	
37954Y 51 7	GLOBAL X FDS	MSCI CHINA UTL	ADDED
37954Y 52 5	GLOBAL X FDS	MSCI CHINA RE	ADDED
37954Y 53 3	GLOBAL X FDS	MSCI CHINA IT	ADDED
37954Y 54 1	GLOBAL X FDS	MSCI CHINA HC	ADDED
37954Y 55 8	GLOBAL X FDS	MSCI CHINA CON	ADDED
37954Y 56 6	GLOBAL X FDS	MSCI CHINA LRG	ADDED
37954Y 57 4	GLOBAL X FDS	ADAPTIVE US	
37954Y 58 2	GLOBAL X FDS	TRGTINCM 5 ETF	

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37954Y 59 0	GLOBAL X FDS	TRGTINM 2 ETF	
37954Y 61 6	GLOBAL X FDS	S&P 500 QLT ETF	
37954Y 62 4	GLOBAL X FDS	AUTONMOUS EV ETF	
37954Y 63 2	GLOBAL X FDS	FUTR ANALY ETF	
37954Y 64 0	GLOBAL X FDS	ICONIC US BRAD	DELETED
37954Y 65 7	GLOBAL X FDS	US PFD ETF	
37954Y 66 5	GLOBAL X FDS	GBL X MSCI NIGER	
37954Y 67 3	GLOBAL X FDS	US INFR DEV ETF	
37954Y 68 1	GLOBAL X FDS	FOUNDER RUN CO	
37954Y 69 9	GLOBAL X FDS	MSCI SUPDIV EA	
37954Y 70 7	GLOBAL X FDS	X YIELDCO RENE	
37954Y 71 5 *	GLOBAL X FDS	RBTCS 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 76 4	GLOBAL X FDS	MILL THEM C ETF	
37954Y 77 2	GLOBAL X FDS	LNTY THMTC ETF	
37954Y 78 0	GLOBAL X FDS	INTERNET OF THNG	
37954Y 79 8	GLOBAL X FDS	HELTH WELL ETF	
37954Y 80 6	GLOBAL X FDS	SUPER DIV ALTR	
37954Y 81 4	GLOBAL X FDS	FINTECH ETF	
37954Y 83 0	GLOBAL X FDS	GLOBAL X COPPER	
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	
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	

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37954Y 88 9	GLOBAL X FDS	S&P 500 CATHOLIC	
37955N 10 6	GLOBAL SELF STORAGE INC	COM	
379577 20 8 *	GLOBUS MED INC	CL A	
379577 90 8	GLOBUS MED INC	CALL	
379577 95 8	GLOBUS MED INC	PUT	
379887 20 1	GLOWPOINT INC	COM NEW	
379890 10 6 *	GLU MOBILE INC	COM	
379890 90 6	GLU MOBILE INC	CALL	
379890 95 6	GLU MOBILE INC	PUT	
38000Q 10 2 *	GLYCOMIMETICS INC	COM	
38000Q 90 2	GLYCOMIMETICS INC	CALL	
38000Q 95 2	GLYCOMIMETICS INC	PUT	
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 INTLG S A	SPON ADR PFD NEW	
38045R 90 6	GOL LINHAS AEREAS INTLG S A	CALL	
38045R 95 6	GOL LINHAS AEREAS INTLG S A	PUT	
38046C AB 5	GOGO INC	NOTE 3.750% 3/0	
38046C 10 9 *	GOGO INC	COM	
38046C 90 9	GOGO INC	CALL	
38046C 95 9	GOGO INC	PUT	
38046Y AB 7	GOLAR LNG LTD	NOTE 2.750% 2/1	
38059T 10 6 *	GOLD FIELDS LTD NEW	SPONSORED ADR	
38059T 90 6	GOLD FIELDS LTD NEW	CALL	
38059T 95 6	GOLD FIELDS LTD NEW	PUT	
38068T 10 5 *	GOLD RESOURCE CORP	COM	
38068T 90 5	GOLD RESOURCE CORP	CALL	
38068T 95 5	GOLD RESOURCE CORP	PUT	
380738 10 4	GOLD STD VENTURES CORP	COM	
380956 40 9 *	GOLDCORP INC NEW	COM	
380956 90 9	GOLDCORP INC NEW	CALL	
380956 95 9	GOLDCORP INC NEW	PUT	
381013 10 1 *	GOLDEN ENTMT INC	COM	

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381013 90 1	GOLDEN ENTMT INC	CALL	
381013 95 1	GOLDEN ENTMT INC	PUT	
381119 10 6 *	GOLDEN MINERALS CO	COM	
381119 90 6	GOLDEN MINERALS CO	CALL	
381119 95 6	GOLDEN MINERALS CO	PUT	
38119T AG 9	GOLDEN STAR RES LTD CDA	NOTE 7.000% 8/1	DELETED
38119T 10 4 *	GOLDEN STAR RES LTD CDA	COM	DELETED
38119T 90 4	GOLDEN STAR RES LTD CDA	CALL	DELETED
38119T 95 4	GOLDEN STAR RES LTD CDA	PUT	DELETED
38119T 80 7 *	GOLDEN STAR RES LTD CDA	COM	ADDED
38119T 90 7	GOLDEN STAR RES LTD CDA	CALL	ADDED
38119T 95 7	GOLDEN STAR RES LTD CDA	PUT	ADDED
381370 10 5 *	GOLDFIELD CORP	COM	
381370 90 5	GOLDFIELD CORP	CALL	
381370 95 5	GOLDFIELD CORP	PUT	
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 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 30 5	GOLDMAN SACHS ETF TR	ACTIVEBETA EUR	
381430 36 2	GOLDMAN SACHS ETF TR	ACCESS INFLATI	ADDED
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	

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381430 90 3	GOLDMAN SACHS ETF TR	CALL	
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	EQUITY ETF	
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 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	
38144L 85 2	GOLDMAN SACHS GROUP INC	SP ENHCMD37ETN	
38147Q LX 2	GOLDMAN SACHS GROUP INC	MTNF 2/1	
38147Q MF 0	GOLDMAN SACHS GROUP INC	MTNF 2/1	
38147U AB 3	GOLDMAN SACHS BDC INC	NOTE 4.500% 4/0	
38147U 10 7	GOLDMAN SACHS BDC INC	SHS	
38147W 10 3	GOLDMAN SACHS MLP INC OPP FD	COM SHS	
38148G 10 7	GOLDMAN SACHS MLP ENERGY REN	COM	
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 PAR \$.001NEW	
382140 90 9	GOOD TIMES RESTAURANTS INC	CALL	
382140 95 9	GOOD TIMES RESTAURANTS INC	PUT	
382410 AR 9	GOODRICH PETE CORP	DEBT 13.500% 8/3	
382410 84 3	GOODRICH PETE CORP	COM PAR	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
38268I AA 5	GOPRO INC	NOTE 3.500% 4/1	
38268T AB 9	GOPRO INC	NOTE 3.500% 4/1	
38268T 10 3 *	GOPRO INC	CL A	
38268T 90 3	GOPRO INC	CALL	
38268T 95 3	GOPRO INC	PUT	
382788 10 7	GORDON POINTE ACQUISITION CO	COM CLASS A	
382788 11 5	GORDON POINTE ACQUISITION CO	*W EXP 07/30/202	
382788 20 6	GORDON POINTE ACQUISITION CO	UNIT 01/18/2023	
38286G 10 9	GOES HOLDINGS III INC	CLASS A	ADDED
38286G 11 7	GOES HOLDINGS III INC	*W EXP 09/11/202	ADDED
38286G 20 8	GOES HOLDINGS III INC	UNIT 09/07/2024	
382867 10 9	GOES HLDGS II INC	COM CL A	DELETED
382867 11 7	GOES HLDGS II INC	*W EXP 01/13/202	DELETED
382867 20 8	GOES HLDGS II INC	UNIT 99/99/9999	DELETED
383082 10 4 *	GORMAN RUPP CO	COM	
383082 90 4	GORMAN RUPP CO	CALL	
383082 95 4	GORMAN RUPP CO	PUT	
38376A 10 3 *	GOVERNMENT PPTYS INCOME TR	COM SHS BEN INT	
38376A 90 3	GOVERNMENT PPTYS INCOME TR	CALL	
38376A 95 3	GOVERNMENT PPTYS INCOME TR	PUT	
38388F 10 8 *	GRACE W R & CO DEL NEW	COM	
38388F 90 8	GRACE W R & CO DEL NEW	CALL	
38388F 95 8	GRACE W R & CO DEL NEW	PUT	
384109 10 4 *	GRACO INC	COM	
384109 90 4	GRACO INC	CALL	
384109 95 4	GRACO INC	PUT	
384278 10 7	GRAF INDL CORP	COM	ADDED
384278 11 5	GRAF INDL CORP	*W EXP 12/31/202	ADDED
384278 20 6	GRAF INDL CORP	UNIT 12/31/2025	ADDED
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	

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384556 95 6	GRAHAM CORP	PUT	
384637 10 4	GRAHAM HLDGS CO	COM	
384802 10 4 *	GRAINGER W W INC	COM	
384802 90 4	GRAINGER W W INC	CALL	
384802 95 4	GRAINGER W W INC	PUT	
38500P 20 8	GRANA Y MONTERO S A A	SPONSORED ADS	
38500T AB 7	GRAN TIERRA ENERGY INC	NOTE 5.000% 4/0	
38500T 10 1 *	GRAN TIERRA ENERGY INC	COM	
38500T 90 1	GRAN TIERRA ENERGY INC	CALL	
38500T 95 1	GRAN TIERRA ENERGY INC	PUT	
385002 30 8 *	GRAMERCY PPTY TR	COM NEW	DELETED
385002 90 8	GRAMERCY PPTY TR	CALL	DELETED
385002 95 8	GRAMERCY PPTY TR	PUT	DELETED
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 10 7 *	GRANITE CONSTR INC	COM	
387328 90 7	GRANITE CONSTR INC	CALL	
387328 95 7	GRANITE CONSTR INC	PUT	
38741L AB 3	GRANITE PT MTG TR INC	NOTE 5.625%12/0	DELETED
38741L AC 1	GRANITE PT MTG TR INC	NOTE 6.375%10/0	ADDED
38741L 10 7 *	GRANITE PT MTG TR INC	COM	
38741L 90 7	GRANITE PT MTG TR INC	CALL	
38741L 95 7	GRANITE PT MTG TR INC	PUT	
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 20 7	GRANITESHARES ETF TR	S&P GSCI CM K 1	
38747R 30 6	GRANITESHARES ETF TR	HIPS US HIGH INC	
38748G 10 1	GRANITESHARES GOLD TR	SHS BEN INT	
38748T 10 3	GRANITESHARES PLATINUM TR	SHS BEN INT	
388689 10 1 *	GRAPHIC PACKAGING HLDG CO	COM	
388689 90 1	GRAPHIC PACKAGING HLDG CO	CALL	

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388689 95 1	GRAPHIC PACKAGING HLDG CO	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	
38983D 30 0	GREAT AJAX CORP	COM	
390320 10 9 *	GREAT ELM CAP CORP	COM	
390320 90 9	GREAT ELM CAP CORP	CALL	
390320 95 9	GREAT ELM CAP CORP	PUT	
39036P 20 9	GREAT ELM CAP 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	
39115V 10 1 *	GREAT PANTHER SILVER LTD	COM	
39115V 90 1	GREAT PANTHER SILVER LTD	CALL	
39115V 95 1	GREAT PANTHER SILVER LTD	PUT	
391416 10 4 *	GREAT WESTN BANCORP INC	COM	
391416 90 4	GREAT WESTN BANCORP INC	CALL	
391416 95 4	GREAT WESTN BANCORP INC	PUT	
39260X 10 0 *	GREEN BANCORP INC	COM	
39260X 90 0	GREEN BANCORP INC	CALL	
39260X 95 0	GREEN 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	
393222 AF 1	GREEN PLAINS INC	NOTE 4.125% 9/0	

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393222 AG 9	GREEN PLAINS INC	NOTE 3.250%10/0	
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 10 1 *	GREENBRIER COS INC	COM	
393657 90 1	GREENBRIER COS INC	CALL	
393657 95 1	GREENBRIER COS INC	PUT	
394357 10 7	GREENE COUNTY BANCORP INC	COM	
395259 10 4 *	GREENHILL & CO INC	COM	
395259 90 4	GREENHILL & CO INC	CALL	
395259 95 4	GREENHILL & CO INC	PUT	
39540F 10 1	GREENPRO CAP CORP	COM	
39572G 10 0 *	GREENSKY INC	CL A	
39572G 90 0	GREENSKY INC	CALL	
39572G 95 0	GREENSKY INC	PUT	
39579V 10 0	GREENTREE HOSPITALTY GROUP L	SPONSORED ADS	
397624 10 7 *	GREIF INC	CL A	
397624 90 7	GREIF INC	CALL	
397624 95 7	GREIF INC	PUT	
397624 20 6	GREIF INC	CL B	
398132 10 0 *	GRIDSUM HLDG INC	SPONSORED ADR	
398132 90 0	GRIDSUM HLDG INC	CALL	
398132 95 0	GRIDSUM HLDG INC	PUT	
398231 10 0	GRIFFIN INL RLTY INC	COM	
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	
39868T 10 5	GRITSTONE ONCOLOGY INC	COM	
398905 10 9 *	GROUP 1 AUTOMOTIVE INC	COM	
398905 90 9	GROUP 1 AUTOMOTIVE INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
398905 95 9	GROUP 1 AUTOMOTIVE INC	PUT	
39945C 10 9 *	GROUPE CGI INC	CL A SUB VTG	
39945C 90 9	GROUPE CGI INC	CALL	
39945C 95 9	GROUPE CGI INC	PUT	
399473 10 7 *	GROUPON INC	COM	
399473 90 7	GROUPON INC	CALL	
399473 95 7	GROUPON INC	PUT	
399909 10 0 *	GRUPO FINANCIERO GALICIA S A	SP ADR 10 SH B	
399909 90 0	GRUPO FINANCIERO GALICIA S A	CALL	
399909 95 0	GRUPO FINANCIERO GALICIA S A	PUT	
400110 10 2 *	GRUBHUB INC	COM	
400110 90 2	GRUBHUB INC	CALL	
400110 95 2	GRUBHUB INC	PUT	
40049J 20 6 *	GRUPO TELEVISA SA	SPON ADR REP ORD	
40049J 90 6	GRUPO TELEVISA SA	CALL	
40049J 95 6	GRUPO TELEVISA SA	PUT	
400491 10 6 *	GRUPO SIMEC S A B DE C V	ADR	
400491 90 6	GRUPO SIMEC S A B DE C V	CALL	
400491 95 6	GRUPO SIMEC S A B DE C V	PUT	
400501 10 2 *	GRUPO AEROPORTUARIO CTR NORT	SPON ADR	
400501 90 2	GRUPO AEROPORTUARIO CTR NORT	CALL	
400501 95 2	GRUPO AEROPORTUARIO CTR NORT	PUT	
400506 10 1 *	GPO AEROPORTUARIO DEL PAC SA	SPON ADR B	
400506 90 1	GPO AEROPORTUARIO DEL PAC SA	CALL	
400506 95 1	GPO AEROPORTUARIO DEL PAC SA	PUT	
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	
40052B 20 7 *	GTX INC DEL	COM NEW	
40052B 90 7	GTX INC DEL	CALL	
40052B 95 7	GTX INC DEL	PUT	
40053W 10 1	GRUPO AVAL ACCIONES Y VALORE	SPONSORED ADS	
40054A 10 8	GRUPO SUPERVIELLE S A	SPONSORED ADR	
40065W 10 7 *	GUANGSHEN RY LTD	SPONSORED ADR	

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40065W 90 7	GUANGSHEN RY LTD	CALL	
40065W 95 7	GUANGSHEN RY LTD	PUT	
40075T 60 7	GUARANTY BANCORP DEL	COM NEW	
400764 10 6	GUARANTY BANCSHARES INC TEX	COM	
40108P 10 1	GUARANTY FED BANCSHARES INC	COM	
40131M 10 9	GUARDANT HEALTH INC	COM	ADDED
401617 10 5 *	GUESS INC	COM	
401617 90 5	GUESS INC	CALL	
401617 95 5	GUESS INC	PUT	
401664 10 7	GUGGENHEIM TAXABLE MUN MNGD	COM	
40167B 10 0	GUGGENHEIM ENHNCD EQTY INCM	COM	
40167F 10 1	GUGGENHEIM STRATEGIC OPP FD	COM SBI	
40168G 10 8	GUGGENHEIM CR ALLOCATION FD	COM	
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	
402307 10 2 *	GULF ISLAND FABRICATION INC	COM	
402307 90 2	GULF ISLAND FABRICATION INC	CALL	
402307 95 2	GULF ISLAND FABRICATION INC	PUT	
40251W 30 9 *	GULF RESOURCES INC	COM PAR \$0.0005	
40251W 90 9	GULF RESOURCES INC	CALL	
40251W 95 9	GULF RESOURCES INC	PUT	
402629 11 7	GULFMARK OFFSHORE INC	*W EXP 11/14/202	DELETED
402629 50 5	GULFMARK OFFSHORE INC	COM	DELETED
402635 30 4 *	GULFPORT ENERGY CORP	COM NEW	
402635 90 4	GULFPORT ENERGY CORP	CALL	
402635 95 4	GULFPORT ENERGY CORP	PUT	
403829 10 4	GYRODYNE LLC	COM	
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	
40412C 10 1 *	HCA HEALTHCARE INC	COM	
40412C 90 1	HCA HEALTHCARE INC	CALL	

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40412C 95 1	HCA HEALTHCARE INC	PUT	
404139 10 7 *	HC2 HLDGS INC	COM	
404139 90 7	HC2 HLDGS INC	CALL	
404139 95 7	HC2 HLDGS INC	PUT	
40414L 10 9 *	HCP INC	COM	
40414L 90 9	HCP INC	CALL	
40414L 95 9	HCP INC	PUT	
40415F 10 1 *	HDFC BANK LTD	ADR REPS 3 SHS	
40415F 90 1	HDFC BANK LTD	CALL	
40415F 95 1	HDFC BANK LTD	PUT	
40416E AB 9	HCI GROUP INC	NOTE 3.875% 3/1	
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	
40416M 10 5 *	HD SUPPLY HLDGS INC	COM	
40416M 90 5	HD SUPPLY HLDGS INC	CALL	
40416M 95 5	HD SUPPLY HLDGS INC	PUT	
40417F 10 9	HF FOODS GROUP INC	COM	
40418F 10 8 *	HFF INC	CL A	
40418F 90 8	HFF INC	CALL	
40418F 95 8	HFF INC	PUT	
404232 10 0	HMG COURTLAND PPTYS INC	COM	
40424G 10 8	HMN FINL INC	COM	
40425J 10 1 *	HMS HLDGS CORP	COM	
40425J 90 1	HMS HLDGS CORP	CALL	
40425J 95 1	HMS HLDGS CORP	PUT	
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	
404280 60 4	HSBC HLDGS PLC	ADR A 1/40PF A	

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40434H 10 4 *	HTG MOLECULAR DIAGNOSTICS IN	COM	
40434H 90 4	HTG MOLECULAR DIAGNOSTICS IN	CALL	
40434H 95 4	HTG MOLECULAR DIAGNOSTICS IN	PUT	
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	
40449J 10 3 *	HABIT RESTAURANTS INC	COM CL A	
40449J 90 3	HABIT RESTAURANTS INC	CALL	
40449J 95 3	HABIT RESTAURANTS INC	PUT	
404609 10 9 *	HACKETT GROUP INC	COM	
404609 90 9	HACKETT GROUP INC	CALL	
404609 95 9	HACKETT GROUP INC	PUT	
405024 10 0 *	HAEMONETICS CORP	COM	
405024 90 0	HAEMONETICS CORP	CALL	
405024 95 0	HAEMONETICS CORP	PUT	
405217 10 0 *	HAIN CELESTIAL GROUP INC	COM	
405217 90 0	HAIN CELESTIAL GROUP INC	CALL	
405217 95 0	HAIN CELESTIAL GROUP INC	PUT	
40522L 10 8	HAILIANG ED GROUP INC	SPONSORED ADR	
40537Q 11 8	HALCON RES CORP	*W EXP 09/09/202	
40537Q 60 5 *	HALCON RES CORP	COM PAR NEW	
40537Q 90 5	HALCON RES CORP	CALL	
40537Q 95 5	HALCON RES CORP	PUT	
40609P 10 5 *	HALLADOR ENERGY COMPANY	COM	
40609P 90 5	HALLADOR ENERGY COMPANY	CALL	
40609P 95 5	HALLADOR ENERGY COMPANY	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	EC COM NEW	
40624Q 90 3	HALLMARK FINL SVCS INC	EC CALL	
40624Q 95 3	HALLMARK FINL SVCS INC	EC PUT	
40637H 10 9 *	HALOZYME THERAPEUTICS INC	COM	

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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	
407015 10 6	HAMILTON BANCORP INC MD	COM	
407497 10 6 *	HAMILTON LANE INC	CL A	
407497 90 6	HAMILTON LANE INC	CALL	
407497 95 6	HAMILTON LANE INC	PUT	
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 INV TRUST	TAX ADV GLB SH	
41013T 10 5	HANCOCK JOHN PREMUIM DIV FD	COM SH BEN INT	
41013V 10 0	HANCOCK JOHN TAX-ADV DIV INC	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 INVS TR	COM	
41015N 10 6	HANCOCK JAFFE LABORATORIES I	COM	
41015N 11 4	HANCOCK JAFFE LABORATORIES I	*W EXP 05/30/202	
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	
41043F 20 8 *	HANGER INC	COM NEW	
41043F 90 8	HANGER INC	CALL	
41043F 95 8	HANGER 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 AB 6	HANNON ARMSTRONG SUST INFR C	NOTE 4.125% 9/0	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
410867 10 5 *	HANOVER INS GROUP INC	COM	
410867 90 5	HANOVER INS GROUP INC	CALL	
410867 95 5	HANOVER INS GROUP INC	PUT	
41135V 30 1 *	HANWHA Q CELL CO LTD	SPONSORED ADR NE	
41135V 90 1	HANWHA Q CELL CO LTD	CALL	
41135V 95 1	HANWHA Q CELL CO LTD	PUT	
41165F 10 1	HARBORONE BANCORP INC	COM	
412822 10 8 *	HARLEY DAVIDSON INC	COM	
412822 90 8	HARLEY DAVIDSON INC	CALL	
412822 95 8	HARLEY DAVIDSON INC	PUT	
413160 AB 8	HARMONIC INC	NOTE 4.000%12/0	
413160 10 2 *	HARMONIC INC	COM	
413160 90 2	HARMONIC INC	CALL	
413160 95 2	HARMONIC INC	PUT	
413216 30 0 *	HARMONY GOLD MNG LTD	SPONSORED ADR	
413216 90 0	HARMONY GOLD MNG LTD	CALL	
413216 95 0	HARMONY GOLD MNG LTD	PUT	
413875 10 5 *	HARRIS CORP DEL	COM	
413875 90 5	HARRIS CORP DEL	CALL	
413875 95 5	HARRIS CORP DEL	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	
416196 90 2	HARTE-HANKS INC	CALL	
416196 95 2	HARTE-HANKS INC	PUT	
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	
416515 12 0	HARTFORD FINL SVCS GROUP INC	*W EXP 06/26/201	
41653L 30 5	HARTFORD FDS EXCHANGE TRADE	TOTAL RTRN ETF	
41653L 40 4	HARTFORD FDS EXCHANGE TRADE	SCHRDRS TAX BD	
41653L 50 3	HARTFORD FDS EXCHANGE TRADE	MUN OPORTUNITE	
41653L 60 2	HARTFORD FDS EXCHANGE TRADE	SHRT DURTN ETF	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
416906 10 5 *	HARVARD BIOSCIENCE INC	COM	
416906 90 5	HARVARD BIOSCIENCE INC	CALL	
416906 95 5	HARVARD BIOSCIENCE INC	PUT	
41753F 10 9	HARVEST CAP CR CORP	COM	
418056 10 7 *	HASBRO INC	COM	
418056 90 7	HASBRO INC	CALL	
418056 95 7	HASBRO INC	PUT	
419596 10 1 *	HAVERTY FURNITURE INC	COM	
419596 90 1	HAVERTY FURNITURE INC	CALL	
419596 95 1	HAVERTY FURNITURE INC	PUT	
419596 20 0	HAVERTY FURNITURE 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	
420476 10 3	HAWTHORN BANCSHARES INC	COM	
420870 10 7	HAYMAKER ACQUISITION CORP	COM CLASS A	
420870 11 5	HAYMAKER ACQUISITION CORP	*W EXP 10/27/2022	
420870 20 6	HAYMAKER ACQUISITION CORP	UNIT 10/19/2022	
420877 20 1 *	HAYNES INTERNATIONAL INC	COM NEW	
420877 90 1	HAYNES INTERNATIONAL INC	CALL	
420877 95 1	HAYNES INTERNATIONAL INC	PUT	
421906 10 8 *	HEALTHCARE SVCS GRP INC	COM	
421906 90 8	HEALTHCARE SVCS GRP INC	CALL	
421906 95 8	HEALTHCARE SVCS GRP INC	PUT	
421946 10 4 *	HEALTHCARE RLTY TR	COM	
421946 90 4	HEALTHCARE RLTY TR	CALL	
421946 95 4	HEALTHCARE RLTY TR	PUT	
42222N 10 3 *	HEALTHSTREAM INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
42222N 90 3	HEALTHSTREAM INC	CALL	
42222N 95 3	HEALTHSTREAM INC	PUT	
42225K 10 6 *	HEALTH INS INNOVATIONS INC	COM CL A	
42225K 90 6	HEALTH INS INNOVATIONS INC	CALL	
42225K 95 6	HEALTH INS INNOVATIONS INC	PUT	
42225P 50 1 *	HEALTHCARE TR AMER INC	CL A NEW	
42225P 90 1	HEALTHCARE TR AMER INC	CALL	
42225P 95 1	HEALTHCARE TR AMER INC	PUT	
42226A 10 7 *	HEALTH EQUITY INC	COM	
42226A 90 7	HEALTH EQUITY INC	CALL	
42226A 95 7	HEALTH EQUITY INC	PUT	
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 30 0	HEAT BIOLOGICS INC	COM NEW	
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	
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	
42327L 30 9 *	HELIOS & MATHESON ANALYTICS	COM PAR	
42327L 90 9	HELIOS & MATHESON ANALYTICS	CALL	
42327L 95 9	HELIOS & MATHESON ANALYTICS	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
42328V 50 4	HELIUS MED TECHNOLOGIES INC	COM CL A	
42330P AH 0	HELIX ENERGY SOLUTIONS GRP I	NOTE 4.250% 5/0	
42330P AJ 6	HELIX ENERGY SOLUTIONS GRP I	NOTE 4.125% 9/1	
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	
423452 10 1 *	HELMERICH & PAYNE INC	COM	
423452 90 1	HELMERICH & PAYNE INC	CALL	
423452 95 1	HELMERICH & PAYNE INC	PUT	
42365Q 10 3	HEMISPHERE MEDIA GROUP INC	CL A	
42366C 30 1	HEMISPHERX BIOPHARMA INC	COM NEW	
42588L 10 5	HENNESSY CAP ACQUSTON CORP I	COM	DELETED
42588L 11 3	HENNESSY CAP ACQUSTON CORP I	*W EXP 06/15/202	DELETED
42588L 20 4	HENNESSY CAP ACQUSTON CORP I	UNIT 06/15/2024	DELETED
425885 10 0	HENNESSY ADVISORS INC	COM	
426281 10 1 *	HENRY JACK & ASSOC INC	COM	
426281 90 1	HENRY JACK & ASSOC INC	CALL	
426281 95 1	HENRY JACK & ASSOC INC	PUT	
426927 10 9 *	HERITAGE COMMERCE CORP	COM	
426927 90 9	HERITAGE COMMERCE CORP	CALL	
426927 95 9	HERITAGE COMMERCE CORP	PUT	
42703M AB 9	HERBALIFE LTD	NOTE 2.000% 8/1	
42704L 10 4 *	HERC HLDGS INC	COM	
42704L 90 4	HERC HLDGS INC	CALL	
42704L 95 4	HERC HLDGS INC	PUT	
427096 AF 9	HERCULES CAPITAL INC	DBCV 4.375% 2/0	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
42726M 95 6	HERITAGE CRYSTAL CLEAN INC	PUT	
42727J AB 8	HERITAGE INS HLDGS INC	NOTE 5.875% 8/0	ADDED
42727J 10 2 *	HERITAGE INS HLDGS INC	COM	
42727J 90 2	HERITAGE INS HLDGS INC	CALL	
42727J 95 2	HERITAGE INS 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	
427866 95 8	HERSHEY CO	PUT	
42804T 10 6	HERZFELD CARIBBEAN BASIN FD	COM	
42805E 30 6	HESKA CORP	COM RESTRC NEW	
42806J 10 6 *	HERTZ GLOBAL HLDGS INC	COM	
42806J 90 6	HERTZ GLOBAL HLDGS INC	CALL	
42806J 95 6	HERTZ GLOBAL HLDGS INC	PUT	
42809H 10 7 *	HESS CORP	COM	
42809H 90 7	HESS CORP	CALL	
42809H 95 7	HESS CORP	PUT	
42809H 40 4	HESS CORP	DEP PDF SR A	
428104 10 3 *	HESS MIDSTREAM PARTNERS LP	UNIT LTD PR INT	
428104 90 3	HESS MIDSTREAM PARTNERS LP	CALL	
428104 95 3	HESS MIDSTREAM PARTNERS 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	
428295 10 9	HEXINDAI INC	ADR	
428337 10 9 *	HI-CRUSH PARTNERS LP	COM UNIT LTD	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
428337 90 9	HI-CRUSH PARTNERS LP	CALL	
428337 95 9	HI-CRUSH PARTNERS LP	PUT	
428567 10 1 *	HIBBETT SPORTS INC	COM	
428567 90 1	HIBBETT SPORTS INC	CALL	
428567 95 1	HIBBETT SPORTS INC	PUT	
42968F 10 8	HIGH INCOME SECS FD	SHS BEN INT	
43010E 40 4	HIGHLAND FLOATNG RATE OPPRT	SHS BEN INT	
430101 77 4 *	HIGHLAND FDS I	HI LD IBOXX SRLN	
430101 90 4	HIGHLAND FDS I	CALL	
430101 95 4	HIGHLAND FDS I	PUT	
43113X 10 1 *	HIGHPOWER INTL INC	COM	
43113X 90 1	HIGHPOWER INTL INC	CALL	
43113X 95 1	HIGHPOWER INTL INC	PUT	
43114K 10 8 *	HIGHPOINT RES CORP	COM	
43114K 90 8	HIGHPOINT RES CORP	CALL	
43114K 95 8	HIGHPOINT RES CORP	PUT	
431284 10 8 *	HIGHWOODS PPTYS INC	COM	
431284 90 8	HIGHWOODS PPTYS INC	CALL	
431284 95 8	HIGHWOODS PPTYS INC	PUT	
431466 10 1 *	HILL INTERNATIONAL INC	COM	ADDED
431466 90 1	HILL INTERNATIONAL INC	CALL	ADDED
431466 95 1	HILL INTERNATIONAL INC	PUT	ADDED
431475 10 2 *	HILL ROM HLDGS INC	COM	
431475 90 2	HILL ROM HLDGS INC	CALL	
431475 95 2	HILL ROM HLDGS INC	PUT	
431571 10 8 *	HILLENBRAND INC	COM	
431571 90 8	HILLENBRAND INC	CALL	
431571 95 8	HILLENBRAND INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
433323 10 2	HINGHAM INSTN SVGS MASS	COM	
43358V 10 9	HISTOGENICS CORP	COM	
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	
436106 10 8 *	HOLLYFRONTIER CORP	COM	
436106 90 8	HOLLYFRONTIER CORP	CALL	
436106 95 8	HOLLYFRONTIER CORP	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	
43739Q AB 6	HOMEAWAY INC	NOTE 0.125% 4/0	
43785V 10 2 *	HOMESTREET INC	COM	
43785V 90 2	HOMESTREET INC	CALL	
43785V 95 2	HOMESTREET INC	PUT	
43787N 10 8	HOMETOWN BANKSHARES CORP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
438128 30 8 *	HONDA MOTOR LTD	AMERN SHS	
438128 90 8	HONDA MOTOR LTD	CALL	
438128 95 8	HONDA MOTOR LTD	PUT	
438516 10 6 *	HONEYWELL INTL INC	COM	
438516 90 6	HONEYWELL INTL INC	CALL	
438516 95 6	HONEYWELL INTL INC	PUT	
438516 12 2	HONEYWELL INTL INC	EXDISTRIBUTION	DELETED
439038 10 0 *	HOOKER FURNITURE CORP	COM	
439038 90 0	HOOKER FURNITURE CORP	CALL	
439038 95 0	HOOKER FURNITURE CORP	PUT	
43940T 10 9 *	HOPE BANCORP INC	COM	
43940T 90 9	HOPE BANCORP INC	CALL	
43940T 95 9	HOPE BANCORP INC	PUT	
439734 10 4	HOPFED BANCORP INC	COM	
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	
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	
44052T AB 7	HORIZON PHARMA INVT LTD	NOTE 2.500% 3/1	
44052W AA 2	HORIZON GLOBAL CORP	NOTE 2.750% 7/0	
44052W 10 4 *	HORIZON GLOBAL CORP	COM	
44052W 90 4	HORIZON GLOBAL CORP	CALL	
44052W 95 4	HORIZON GLOBAL CORP	PUT	
44053G 10 8	HORIZONS ETF TR I	HORIZONS NASDAQ	DELETED
44053G 20 7	HORIZONS ETF TR I	HORIZONS DAX GER	DELETED
44053G 60 3	HORIZONS ETF TR I	HRZNS S&P500 COV	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
440543 AN 6	HORNBECK OFFSHORE SVCS INC N	NOTE 1.500% 9/0	
440543 10 6 *	HORNBECK OFFSHORE SVCS INC N	COM	
440543 90 6	HORNBECK OFFSHORE SVCS INC N	CALL	
440543 95 6	HORNBECK OFFSHORE SVCS INC N	PUT	
440894 10 3 *	HORTONWORKS INC	COM	
440894 90 3	HORTONWORKS INC	CALL	
440894 95 3	HORTONWORKS INC	PUT	
44106M 10 2 *	HOSPITALITY PPTYS TR	COM SH BEN INT	
44106M 90 2	HOSPITALITY PPTYS TR	CALL	
44106M 95 2	HOSPITALITY PPTYS TR	PUT	
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	
44109J 11 4	HOSTESS BRANDS INC	*W EXP 11/04/202	
44157R 10 9 *	HOUGHTON MIFFLIN HARCOURT CO	COM	
44157R 90 9	HOUGHTON MIFFLIN HARCOURT CO	CALL	
44157R 95 9	HOUGHTON MIFFLIN HARCOURT CO	PUT	
441593 10 0 *	HOULIHAN LOKEY INC	CL A	
441593 90 0	HOULIHAN LOKEY INC	CALL	
441593 95 0	HOULIHAN LOKEY INC	PUT	
44183U 10 0 *	HOUSTON AMERN ENERGY CORP	COM	
44183U 90 0	HOUSTON AMERN ENERGY CORP	CALL	
44183U 95 0	HOUSTON AMERN ENERGY CORP	PUT	
44244K 10 9 *	HOUSTON WIRE & CABLE CO	COM	
44244K 90 9	HOUSTON WIRE & CABLE CO	CALL	
44244K 95 9	HOUSTON WIRE & CABLE CO	PUT	
442487 20 3 *	HOVNANIAN ENTERPRISES INC	CL A	
442487 90 3	HOVNANIAN ENTERPRISES INC	CALL	
442487 95 3	HOVNANIAN ENTERPRISES INC	PUT	
442496 10 5	HOWARD BANCORP INC	COM	
44267D 10 7 *	HOWARD HUGHES CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44267D 90 7	HOWARD HUGHES CORP	CALL	
44267D 95 7	HOWARD HUGHES CORP	PUT	
443304 10 0 *	HUANENG PWR INTL INC	SPON ADR H SHS	
443304 90 0	HUANENG PWR INTL INC	CALL	
443304 95 0	HUANENG PWR INTL INC	PUT	
44331K 10 3	HUAMI CORP	SPONSORED ADS	
44332N 10 6 *	HUAZHU GROUP LTD	SPONSORED ADS	
44332N 90 6	HUAZHU GROUP LTD	CALL	
44332N 95 6	HUAZHU 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 AB 6	HUBSPOT INC	NOTE 0.250% 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	
443787 10 6 *	HUDSON GLOBAL INC	COM	
443787 90 6	HUDSON GLOBAL INC	CALL	
443787 95 6	HUDSON GLOBAL INC	PUT	
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	
444859 10 2 *	HUMANA INC	COM	
444859 90 2	HUMANA INC	CALL	
444859 95 2	HUMANA INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44558T 10 0 *	HUNT COS FIN TR INC	COM	
44558T 90 0	HUNT COS FIN TR INC	CALL	
44558T 95 0	HUNT COS FIN TR INC	PUT	
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 COMPANIES INC	COM	
447462 AB 8	HURON CONSULTING GROUP INC	NOTE 1.250%10/0	
447462 10 2 *	HURON CONSULTING GROUP INC	COM	
447462 90 2	HURON CONSULTING GROUP INC	CALL	
447462 95 2	HURON CONSULTING GROUP INC	PUT	
44842L 10 3	HUTCHISON CHINA MEDITECH LTD	SPONSORED ADR	
448451 10 4 *	HUTTIG BLDG PRODS INC	COM	
448451 90 4	HUTTIG BLDG PRODS INC	CALL	
448451 95 4	HUTTIG BLDG PRODS INC	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	
448883 20 7 *	HYDROGENICS CORP NEW	COM NEW	
448883 90 7	HYDROGENICS CORP NEW	CALL	
448883 95 7	HYDROGENICS CORP NEW	PUT	
448947 50 7 *	IDT CORP	CL B NEW	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
448947 90 7	IDT CORP	CALL	
448947 95 7	IDT CORP	PUT	
44916T 10 7	HYRECAR INC	COM	
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	
44919P 50 8 *	IAC INTERACTIVECORP	COM	
44919P 90 8	IAC INTERACTIVECORP	CALL	
44919P 95 8	IAC INTERACTIVECORP	PUT	
44925C 10 3 *	ICF INTL INC	COM	
44925C 90 3	ICF INTL INC	CALL	
44925C 95 3	ICF INTL INC	PUT	
44930G 10 7 *	ICU MED INC	COM	
44930G 90 7	ICU MED INC	CALL	
44930G 95 7	ICU MED INC	PUT	
44931Q 10 4	ICC HLDGS INC	COM	
44934S 20 6 *	ICAD INC	COM NEW	
44934S 90 6	ICAD INC	CALL	
44934S 95 6	ICAD INC	PUT	
449489 10 3 *	I D SYSTEMS INC	COM	
449489 90 3	I D SYSTEMS INC	CALL	
449489 95 3	I D SYSTEMS INC	PUT	
44949L 10 5	IEC ELECTRS CORP NEW	COM	
44951J 10 5	IF BANCORP INC	COM	
44951W 10 6	IES HLDGS INC	COM	
449538 10 7	IFRESH INC	COM	
449575 AB 5	IGI LABORATORIES INC	NOTE 3.750%12/1	
44974L 10 3	IMV INC	COM	
44980X 10 9 *	IPG PHOTONICS CORP	COM	
44980X 90 9	IPG PHOTONICS CORP	CALL	
44980X 95 9	IPG PHOTONICS CORP	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
450056 10 6 *	IRHYTHM TECHNOLOGIES INC	COM	
450056 90 6	IRHYTHM TECHNOLOGIES INC	CALL	
450056 95 6	IRHYTHM TECHNOLOGIES INC	PUT	
45031U CB 5	ISTAR INC	NOTE 3.125% 9/1	
45031U 10 1 *	ISTAR INC	COM	
45031U 90 1	ISTAR INC	CALL	
45031U 95 1	ISTAR INC	PUT	
45032K 10 2	ISHARES DOW JONES UBS ROLL S	SHS BEN INT	DELETED
45033E 10 5	ITAU CORPBANCA	SPONSORED ADR	
45069V 20 3	ITUS CORP	COM NEW	DELETED
45073V 10 8 *	ITT INC	COM	
45073V 90 8	ITT INC	CALL	
45073V 95 8	ITT INC	PUT	
45074Q 10 8	I AM CAP ACQUISITION CO	COM	DELETED
45074Q 11 6	I AM CAP ACQUISITION CO	*W EXP 05/22/202	DELETED
45074Q 12 4	I AM CAP ACQUISITION CO	RIGHT 05/22/2019	DELETED
450828 10 8 *	IBERIABANK CORP	COM	
450828 90 8	IBERIABANK CORP	CALL	
450828 95 8	IBERIABANK CORP	PUT	
450913 10 8 *	IAMGOLD CORP	COM	
450913 90 8	IAMGOLD CORP	CALL	
450913 95 8	IAMGOLD CORP	PUT	
451033 20 3	IBIO INC	COM NEW	
45104G 10 4 *	ICICI BK LTD	ADR	
45104G 90 4	ICICI BK LTD	CALL	
45104G 95 4	ICICI BK LTD	PUT	
451055 AG 2	ICONIX BRAND GROUP INC	NOTE 5.750% 8/1	
451055 10 7 *	ICONIX BRAND GROUP INC	COM	
451055 90 7	ICONIX BRAND GROUP INC	CALL	
451055 95 7	ICONIX BRAND GROUP INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
451107 90 6	IDACORP INC	CALL	
451107 95 6	IDACORP INC	PUT	
45113Y 10 4 *	ICLICK INTRACTIVE ASIA GRP LT	SPONSORED ADR	
45113Y 90 4	ICLICK INTRACTIVE ASIA GRP LT	CALL	
45113Y 95 4	ICLICK INTRACTIVE ASIA GRP LT	PUT	
451622 10 4	IDEAL PWR INC	COM	
45166V 10 6 *	IDEANOMICS INC	COM	ADDED
45166V 90 6	IDEANOMICS INC	CALL	ADDED
45166V 95 6	IDEANOMICS INC	PUT	ADDED
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	
45168K 90 5	IDERA PHARMACEUTICALS INC	CALL	
45168K 95 5	IDERA PHARMACEUTICALS INC	PUT	
45170X 20 5 *	IDENTIV INC	COM NEW	
45170X 90 5	IDENTIV INC	CALL	
45170X 95 5	IDENTIV INC	PUT	
45172K 10 2	IKONICS CORP	COM	
45174L 10 8 *	IKANG HEALTHCARE GROUP INC	SPONSORED ADR	
45174L 90 8	IKANG HEALTHCARE GROUP INC	CALL	
45174L 95 8	IKANG HEALTHCARE GROUP INC	PUT	
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 AF 6	ILLUMINA INC	NOTE	6/1
452327 AH 2	ILLUMINA INC	NOTE	0.500% 6/1
452327 10 9 *	ILLUMINA INC	COM	
452327 90 9	ILLUMINA INC	CALL	
452327 95 9	ILLUMINA INC	PUT	
45244C 10 4	IMAGE SENSING SYS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45245E 10 9 *	IMAX CORP	COM	
45245E 90 9	IMAX CORP	CALL	
45245E 95 9	IMAX CORP	PUT	
45252L 10 3 *	IMMUNE DESIGN CORP	COM	
45252L 90 3	IMMUNE DESIGN CORP	CALL	
45252L 95 3	IMMUNE DESIGN CORP	PUT	
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 AB 7	IMMUNOGEN INC	NOTE 4.500% 7/0	
45253H 10 1 *	IMMUNOGEN INC	COM	
45253H 90 1	IMMUNOGEN INC	CALL	
45253H 95 1	IMMUNOGEN INC	PUT	
452536 12 1	IMMUNOCELLULAR THERAPEUTICS	*W EXP 08/12/202	DELETED
452536 20 4 *	IMMUNOCELLULAR THERAPEUTICS	COM NEW	DELETED
452536 90 4	IMMUNOCELLULAR THERAPEUTICS	CALL	DELETED
452536 95 4	IMMUNOCELLULAR THERAPEUTICS	PUT	DELETED
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	
45256B AE 1	IMPAX LABORATORIES INC	NOTE 2.000% 6/1	
45257L 10 8	IMMUTEP LTD	SPONSORED ADR	
45259A 10 0	IMPACT SHS FDS I TR	YWCA WOMENS ETF	
45259A 20 9	IMPACT SHS FDS I TR	NAACP MINO ETF	
45259A 30 8	IMPACT SHS FDS I TR	SUS DV GGE ETF	
452907 AK 4	IMMUNOMEDICS INC	NOTE 4.750% 2/1	
452907 10 8 *	IMMUNOMEDICS INC	COM	
452907 90 8	IMMUNOMEDICS INC	CALL	
452907 95 8	IMMUNOMEDICS INC	PUT	
452926 10 8	INCOME OPPORTUNITY RLTY INVS	COM	
453038 40 8 *	IMPERIAL OIL LTD	COM NEW	
453038 90 8	IMPERIAL OIL LTD	CALL	

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453038 95 8	IMPERIAL OIL LTD	PUT	
453204 10 9 *	IMPINJ INC	COM	
453204 90 9	IMPINJ INC	CALL	
453204 95 9	IMPINJ INC	PUT	
45321L 10 0 *	IMPERVA INC	COM	
45321L 90 0	IMPERVA INC	CALL	
45321L 95 0	IMPERVA INC	PUT	
45323A 20 1 *	IMPRIMIS PHARMACEUTICALS INC	COM NEW	
45323A 90 1	IMPRIMIS PHARMACEUTICALS INC	CALL	
45323A 95 1	IMPRIMIS PHARMACEUTICALS INC	PUT	
45337C AM 4	INCYTE CORP	NOTE 0.375%11/1	DELETED
45337C AN 2	INCYTE CORP	NOTE 1.250%11/1	
45337C 10 2 *	INCYTE CORP	COM	
45337C 90 2	INCYTE CORP	CALL	
45337C 95 2	INCYTE CORP	PUT	
453415 30 9 *	INDEPENDENCE CONTRACT DRIL I	COM	
453415 90 9	INDEPENDENCE CONTRACT DRIL I	CALL	
453415 95 9	INDEPENDENCE CONTRACT DRIL I	PUT	
453440 30 7	INDEPENDENCE HLDG CO NEW	COM NEW	
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 BANK CORP MASS	COM	
453836 90 8	INDEPENDENT BANK CORP MASS	CALL	
453836 95 8	INDEPENDENT BANK CORP MASS	PUT	
453838 60 9 *	INDEPENDENT BANK CORP MICH	COM NEW	
453838 90 9	INDEPENDENT BANK CORP MICH	CALL	
453838 95 9	INDEPENDENT BANK CORP MICH	PUT	
45384B 10 6 *	INDEPENDENT BK GROUP INC	COM	
45384B 90 6	INDEPENDENT BK GROUP INC	CALL	
45384B 95 6	INDEPENDENT BK GROUP INC	PUT	
45408X 30 8	INDIA GLOBALIZATION CAP INC	COM NEW	DELETED
454089 10 3 *	INDIA FD INC	COM	
454089 90 3	INDIA FD INC	CALL	

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454089 95 3	INDIA FD INC	PUT	
45409B 10 7	INDEXIQ ETF TR	HEDGE MLTI ETF	
45409B 20 6	INDEXIQ ETF TR	HDG MACTRK ETF	
45409B 30 5	INDEXIQ ETF TR	LNG SHT TRACK	
45409B 33 9	INDEXIQ ETF TR	IQ SHORT DURAT	ADDED
45409B 36 2	INDEXIQ ETF TR	IQ 500 INT ETF	ADDED
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	
45409B 41 2	INDEXIQ ETF TR	IQ S&P HGH YLD	
45409B 47 9	INDEXIQ ETF TR	IQ ENCH COR PL	
45409B 48 7	INDEXIQ ETF TR	IQ ENCH BD US	
45409B 50 3	INDEXIQ ETF TR	IQ HEDGMKT NUT	
45409B 51 1	INDEXIQ ETF TR	IQ LEADERS GTA	
45409B 53 7	INDEXIQ ETF TR	HDGD FTSE JAPN	
45409B 55 2	INDEXIQ ETF TR	HDGD FTSE EURO	
45409B 56 0	INDEXIQ ETF TR	HDGD FTSE INTL	
45409B 60 2	INDEXIQ ETF TR	IQ REAL RTN ETF	
45409B 62 8	INDEXIQ ETF TR	US RL EST SMCP	
45409B 80 0	INDEXIQ ETF TR	IQ MRGR ARB ETF	
45409B 83 4 *	INDEXIQ ETF TR	GLB AGRI SM CP	
45409B 90 4	INDEXIQ ETF TR	CALL	
45409B 95 4	INDEXIQ ETF TR	PUT	
45409B 88 3	INDEXIQ ETF TR	IQ GLB RES ETF	
45409F 82 7	INDEXIQ ACTIVE ETF TR	IQ MACKAY INTRME	
45409F 84 3	INDEXIQ ACTIVE ETF TR	IQ MACKAY INSRED	
45579J 10 4	INDUSTREA ACQUISITION CORP	CL A	DELETED
45579J 11 2	INDUSTREA ACQUISITION CORP	*W EXP 08/01/202	DELETED
45579J 20 3	INDUSTREA ACQUISITION CORP	UNIT 07/21/2024	DELETED
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	
456314 10 3	INDUSTRIAL SVCS AMER INC FLA	COM	
456463 10 8	INDUSTRIAS BACHOCO S A B DE	SPON ADR B	

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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 CORPORATION	NOTE 2.125% 9/0	
45667G 10 3 *	INFINERA CORPORATION	COM	
45667G 90 3	INFINERA CORPORATION	CALL	
45667G 95 3	INFINERA CORPORATION	PUT	
45675Y 10 4	INFORMATION SERVICES GROUP I	COM	
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	
45685L 10 0 *	INFREAREIT INC	COM	
45685L 90 0	INFREAREIT INC	CALL	
45685L 95 0	INFREAREIT INC	PUT	
45686J 10 4	INFRA AND ENERGY ALTRNTIVE I	COM	
45686J 11 2	INFRA AND ENERGY ALTRNTIVE I	*W EXP 05/20/202	
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	
457642 20 5 *	INNODATA INC	COM NEW	
457642 90 5	INNODATA INC	CALL	
457642 95 5	INNODATA INC	PUT	
45765U 10 3 *	INSIGHT ENTERPRISES INC	COM	
45765U 90 3	INSIGHT ENTERPRISES INC	CALL	

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45765U 95 3	INSIGHT ENTERPRISES INC	PUT	
45765Y 10 5 *	INSIGNIA SYS INC	COM	
45765Y 90 5	INSIGNIA SYS INC	CALL	
45765Y 95 5	INSIGNIA SYS INC	PUT	
457669 AA 7	INSMED INC	NOTE 1.750% 1/1	
457669 30 7 *	INSMED INC	COM PAR \$.01	
457669 90 7	INSMED INC	CALL	
457669 95 7	INSMED INC	PUT	
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	
45772F AB 3	INPHI CORP	NOTE 1.125%12/0	
45772F AC 1	INPHI CORP	NOTE 0.750% 9/0	
45772F 10 7 *	INPHI CORP	COM	
45772F 90 7	INPHI CORP	CALL	
45772F 95 7	INPHI CORP	PUT	
45773H 20 1 *	INOVIO PHARMACEUTICALS INC	COM NEW	
45773H 90 1	INOVIO PHARMACEUTICALS INC	CALL	
45773H 95 1	INOVIO PHARMACEUTICALS INC	PUT	
45773Y 10 5 *	INNERWORKINGS INC	COM	
45773Y 90 5	INNERWORKINGS INC	CALL	
45773Y 95 5	INNERWORKINGS 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	
45774N 10 8 *	INNOPHOS HOLDINGS INC	COM	
45774N 90 8	INNOPHOS HOLDINGS INC	CALL	
45774N 95 8	INNOPHOS HOLDINGS INC	PUT	
45774W 10 8 *	INSTEEL INDUSTRIES INC	COM	
45774W 90 8	INSTEEL INDUSTRIES INC	CALL	
45774W 95 8	INSTEEL INDUSTRIES INC	PUT	

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45778Q 10 7 *	INSPERITY INC	COM	
45778Q 90 7	INSPERITY INC	CALL	
45778Q 95 7	INSPERITY INC	PUT	
45779A 12 7	INSPIREMD INC	*W EXP 07/07/202	
45779A 13 5	INSPIREMD INC	*W EXP 03/14/202	
45779A 86 1	INSPIREMD INC	COM PAR	
45780L 10 4 *	INOGEN INC	COM	
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	
45780V AB 8	INOTEK PHARMACEUTICALS CORP	NOTE 5.750% 8/0	
45781D 10 1 *	INOVALON HLDGS INC	COM CL A	
45781D 90 1	INOVALON HLDGS INC	CALL	
45781D 95 1	INOVALON HLDGS INC	PUT	
45781M AB 7	INNOVIVA INC	NOTE 2.500% 8/1	
45781M 10 1 *	INNOVIVA INC	COM	
45781M 90 1	INNOVIVA INC	CALL	
45781M 95 1	INNOVIVA INC	PUT	
45781U 10 3 *	INSTRUCTURE INC	COM	
45781U 90 3	INSTRUCTURE INC	CALL	
45781U 95 3	INSTRUCTURE INC	PUT	
45781V 10 1	INNOVATIVE INDL PPTYS INC	COM	
45781W 10 9	INSIGHT SELECT INCOME FD	COM	
45782B AA 2	INSEEGO CORP	NOTE 5.500% 6/1	
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 20 1	INNOVATOR ETFS TR	IBD ETF LEADERS	
45782C 76 3	INNOVATOR ETFS TR	IBD BREAKOUT	

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45782C 77 1	INNOVATOR ETFS TR	S&P 500 BUFETF	ADDED
45782C 78 9	INNOVATOR ETFS TR	S&P 500 BUFFER	
45782C 79 7	INNOVATOR ETFS TR	S&P 500 PWRETF	ADDED
45782C 81 3	INNOVATOR ETFS TR	S&P 500 PWR	
45782C 82 1	INNOVATOR ETFS TR	S&P 500 ULTRA	ADDED
45782C 83 9	INNOVATOR ETFS TR	S&P 500 ULTRA	
45782C 86 2	INNOVATOR ETFS TR	LOUP FRONTIER	
45782F 10 5 *	INNOVATE BIOPHARMACEUTICLS I	COM PAR	
45782F 90 5	INNOVATE BIOPHARMACEUTICLS I	CALL	
45782F 95 5	INNOVATE BIOPHARMACEUTICLS I	PUT	
45782N 10 8	INSPIRED ENTMT INC	COM	
45783G 10 2	INNOVATOR ETFS TR II	LUNT LOW VOL HIG	
45783G 20 1	INNOVATOR ETFS TR II	S&P INVSTMNT GRD	
45784P AF 8	INSULET CORP	NOTE 1.250% 9/1	
45784P 10 1 *	INSULET CORP	COM	
45784P 90 1	INSULET CORP	CALL	
45784P 95 1	INSULET CORP	PUT	
45790J 30 5	INPIXON	COM NEW	DELETED
45790J 50 3	INPIXON	COM PAR	ADDED
457919 10 8	INNSUITES HOSPITALITY TR	SH BEN INT	
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	
458118 AC 0	INTEGRATED DEVICE TECHNOLOGY	NOTE 0.875%11/1	
458118 10 6 *	INTEGRATED DEVICE TECHNOLOGY	COM	
458118 90 6	INTEGRATED DEVICE TECHNOLOGY	CALL	
458118 95 6	INTEGRATED DEVICE TECHNOLOGY	PUT	
458140 AF 7	INTEL CORP	SDCV 3.250% 8/0	DELETED
458140 10 0 *	INTEL CORP	COM	
458140 90 0	INTEL CORP	CALL	
458140 95 0	INTEL CORP	PUT	
45816D 10 0	INTELLIGENT SYS CORP NEW	COM	
45817G 20 1	INTELLICHECK INC	COM NEW	
458173 30 9 *	INTELLIPHARMACEUTICS INTL IN	COM	

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458173 90 9	INTELLIPHARMACEUTICS INTL IN	CALL	
458173 95 9	INTELLIPHARMACEUTICS INTL IN	PUT	
45824V 20 9 *	INSYS THERAPEUTICS INC NEW	COM NEW	
45824V 90 9	INSYS THERAPEUTICS INC NEW	CALL	
45824V 95 9	INSYS THERAPEUTICS INC NEW	PUT	
45826H 10 9 *	INTEGER HLDGS CORP	COM	
45826H 90 9	INTEGER HLDGS CORP	CALL	
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	
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 10 8 *	INTERCEPT PHARMACEUTICALS IN	COM	
45845P 90 8	INTERCEPT PHARMACEUTICALS IN	CALL	
45845P 95 8	INTERCEPT PHARMACEUTICALS IN	PUT	
45857P 70 7 *	INTERCONTINENTAL HOTELS GROU	SPONSORED ADR	
45857P 90 7	INTERCONTINENTAL HOTELS GROU	CALL	
45857P 95 7	INTERCONTINENTAL HOTELS GROU	PUT	
45866F 10 4 *	INTERCONTINENTAL EXCHANGE IN	COM	
45866F 90 4	INTERCONTINENTAL EXCHANGE IN	CALL	
45866F 95 4	INTERCONTINENTAL EXCHANGE IN	PUT	
458660 AD 9	INTERDIGITAL INC	NOTE 1.500% 3/0	
458665 30 4 *	INTERFACE INC	COM	
458665 90 4	INTERFACE INC	CALL	
458665 95 4	INTERFACE INC	PUT	
45867G 10 1 *	INTERDIGITAL INC	COM	
45867G 90 1	INTERDIGITAL INC	CALL	
45867G 95 1	INTERDIGITAL INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
458685 10 4	INTERGROUP CORP	COM	
458751 30 2	INTERLINK ELECTRS INC	COM NEW	
45882D 10 9	INTERMOLECULAR INC	COM	
45885A 40 9 *	INTERNAP CORP	COM PAR	
45885A 90 9	INTERNAP CORP	CALL	
45885A 95 9	INTERNAP CORP	PUT	
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	
46005L 10 1	INTERNATIONAL MNY EXPRESS IN	COM	
46005L 11 9	INTERNATIONAL MNY EXPRESS IN	*W EXP 01/19/202	DELETED
460146 10 3 *	INTL PAPER CO	COM	
460146 90 3	INTL PAPER CO	CALL	
460146 95 3	INTL PAPER CO	PUT	
460335 20 1 *	INTERNATIONAL SPEEDWAY CORP	CL A	
460335 90 1	INTERNATIONAL SPEEDWAY CORP	CALL	
460335 95 1	INTERNATIONAL SPEEDWAY CORP	PUT	
46050R 10 2 *	INTERNATIONAL TOWER HILL MIN	COM	
46050R 90 2	INTERNATIONAL TOWER HILL MIN	CALL	
46050R 95 2	INTERNATIONAL TOWER HILL MIN	PUT	
46059T 10 9 *	INTERNET INITIATIVE JAPAN IN	SPONSORED ADR	
46059T 90 9	INTERNET INITIATIVE JAPAN IN	CALL	
46059T 95 9	INTERNET INITIATIVE JAPAN IN	PUT	
46062X 20 4	INTERPACE DIAGNOSTICS GROUP	COM NEW	
460690 10 0 *	INTERPUBLIC GROUP COS INC	COM	
460690 90 0	INTERPUBLIC GROUP COS INC	CALL	
460690 95 0	INTERPUBLIC GROUP COS INC	PUT	

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46071F 10 3 *	INTERSECT ENT INC	COM	
46071F 90 3	INTERSECT ENT INC	CALL	
46071F 95 3	INTERSECT ENT INC	PUT	
46090A 10 1	INVESCO ACTIVELY MANAGD ETF	ACTIVE US REAL	
46090A 20 0	INVESCO ACTIVELY MANAGD ETF	BLNCD MLTI AST	
46090A 30 9	INVESCO ACTIVELY MANAGD ETF	CNSRTV MLT AST	
46090A 40 8	INVESCO ACTIVELY MANAGD ETF	GWT MLTI ASST	
46090A 50 7	INVESCO ACTIVELY MANAGD ETF	MDRTLY CNSRTIV	
46090A 60 6	INVESCO ACTIVELY MANAGD ETF	MLT STRGY ALTE	
46090A 70 5 *	INVESCO ACTIVELY MANAGD ETF	S&P500 DOWNSID	
46090A 90 5	INVESCO ACTIVELY MANAGD ETF	CALL	
46090A 95 5	INVESCO ACTIVELY MANAGD ETF	PUT	
46090A 80 4	INVESCO ACTIVELY MANAGD ETF	TOTAL RETURN	
46090A 87 9	INVESCO ACTIVELY MANAGD ETF	VAR RATE INVT	
46090A 88 7	INVESCO ACTIVELY MANAGD ETF	ULTRA SHRT DUR	
46090C 10 7	INVESCO BLDRS INDEX FDS TR	ASIA 50ADR IDX	
46090C 20 6	INVESCO BLDRS INDEX FDS TR	DEVLDP MKTS100	
46090C 30 5	INVESCO BLDRS INDEX FDS TR	EMGRING MKTS50	
46090C 40 4	INVESCO BLDRS INDEX FDS TR	EUROPE 100 ADR	
46090E 10 3 *	INVESCO QQQ TR	UNIT SER 1	
46090E 90 3	INVESCO QQQ TR	CALL	
46090E 95 3	INVESCO QQQ TR	PUT	
46090F 10 0 *	INVESCO ACTIVELY MANAGD ETF	OPTIMUM YIELD	
46090F 90 0	INVESCO ACTIVELY MANAGD ETF	CALL	
46090F 95 0	INVESCO ACTIVELY MANAGD ETF	PUT	
46090N 10 3 *	INVESCO CURNCYSHS AUSTRLA DL	AUSTRALIAN DOL	
46090N 90 3	INVESCO CURNCYSHS AUSTRLA DL	CALL	
46090N 95 3	INVESCO CURNCYSHS AUSTRLA DL	PUT	
460981 30 1 *	INTERSECTIONS INC	COM	
460981 90 1	INTERSECTIONS INC	CALL	
460981 95 1	INTERSECTIONS INC	PUT	
461147 10 0	INTEST CORP	COM	
461148 10 8 *	INTEVAC INC	COM	
461148 90 8	INTEVAC INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
461148 95 8	INTEVAC INC	PUT	
46116V 10 5 *	INTL FCSTONE INC	COM	
46116V 90 5	INTL FCSTONE INC	CALL	
46116V 95 5	INTL FCSTONE 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 AF 8	INVACARE CORP	NOTE 5.000% 2/1	
461203 AH 4	INVACARE CORP	NOTE 4.500% 6/0	
461203 10 1 *	INVACARE CORP	COM	
461203 90 1	INVACARE CORP	CALL	
461203 95 1	INVACARE CORP	PUT	
46121H 10 9 *	INTRICON CORP	COM	
46121H 90 9	INTRICON CORP	CALL	
46121H 95 9	INTRICON CORP	PUT	
46121Y 10 2 *	INTREPID POTASH INC	COM	
46121Y 90 2	INTREPID POTASH INC	CALL	
46121Y 95 2	INTREPID POTASH INC	PUT	
46122T AA 0	INTREXON CORP	NOTE 3.500% 7/0	
46122T 10 2 *	INTREXON CORP	COM	
46122T 90 2	INTREXON CORP	CALL	
46122T 95 2	INTREXON CORP	PUT	
46122W 20 4	INUVO INC	COM NEW	
46131B 10 0 *	INVESCO MORTGAGE CAPITAL INC	COM	
46131B 90 0	INVESCO MORTGAGE CAPITAL INC	CALL	
46131B 95 0	INVESCO MORTGAGE CAPITAL INC	PUT	
46131F 10 1	INVESCO HIGH INCOME TR II	COM	
46131H 10 7	INVESCO SR INCOME TR	COM	

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46131J 10 3	INVESCO MUN TR	COM	
46131M 10 6	INVESCO TR INVT GRADE MUNS	COM	
46131T 10 1	INVESCO TR INVT GRADE NY MUN	COM	
46132C 10 7	INVESCO MUN OPPORTUNITY TR	COM	
46132E 10 3	INVESCO ADVANTAGE MUNICIPAL	SH BEN INT	
46132H 10 6	INVESCO CALIF VALUE MUN INC	COM	
46132K 10 9	INVESCO PA VALUE MUN INCOME	COM	
46132L 10 7	INVESCO BD FD	COM	
46132P 10 8	INVESCO VALUE MUN INCOME TR	COM	
46132R 10 4	INVESCO DYNAMIC CR OPP FD	COM	
46132X 10 1	INVESCO MUNI INCOME OPP TRST	COM	
46133G 10 7	INVESCO QUALITY MUNI INC TRS	COM	
46134L 10 5	INVESTAR HLDG CORP	COM	
46135X 10 8	INVESCO HIGH INCOME 2023 TAR	COM	
46136K 10 5	INVESCO HIGH INCOME 2024 TAR	COM	
46137R 10 9 *	INVESCO INDIA EXCHG TRED FD	INDIA ETF	
46137R 90 9	INVESCO INDIA EXCHG TRED FD	CALL	
46137R 95 9	INVESCO INDIA EXCHG TRED FD	PUT	
46137V 10 0	INVESCO EXCHANGE TRADED FD T	AEROSPACE DEFN	
46137V 12 6	INVESCO EXCHANGE TRADED FD T	WILDERHL PRGRS	
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 17 5	INVESCO EXCHANGE TRADED FD T	S&P SML600 GWT	
46137V 18 3	INVESCO EXCHANGE TRADED FD T	S&P SML 600 EQ	
46137V 19 1	INVESCO EXCHANGE TRADED FD T	S&P MDCP400 VL	
46137V 20 9 *	INVESCO EXCHANGE TRADED FD T	BRIC ETF	

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46137V 90 9	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 9	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 23 3	INVESCO EXCHANGE	TRADED FD T S&P 500 TOP 50	
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	
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 28 2	INVESCO EXCHANGE	TRADED FD T S&P500 EQL TEC	
46137V 29 0	INVESCO EXCHANGE	TRADED FD T S&P500 EQL REL	
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 32 4	INVESCO EXCHANGE	TRADED FD T S&P500 EQL IND	
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 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	
46137V 37 3	INVESCO EXCHANGE	TRADED FD T S&P500 EQL STP	
46137V 38 1	INVESCO EXCHANGE	TRADED FD T S&P500 EQL DIS	
46137V 39 9	INVESCO EXCHANGE	TRADED FD T S&P500 BUY WRT	
46137V 40 7	INVESCO EXCHANGE	TRADED FD T CLEANTECH ETF	

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46137V 41 5	INVESCO EXCHANGE	TRADED FD T S&P100 EQL WGT	
46137V 42 3	INVESCO EXCHANGE	TRADED FD T RUSSEL 200 PUR	
46137V 43 1	INVESCO EXCHANGE	TRADED FD T RUSSEL 200 GWT	
46137V 44 9	INVESCO EXCHANGE	TRADED FD T RUSSEL 200 EQL	
46137V 45 6	INVESCO EXCHANGE	TRADED FD T RUSEL MDCP PUR	
46137V 46 4	INVESCO EXCHANGE	TRADED FD T RUSEL MDCP GWT	
46137V 47 2	INVESCO EXCHANGE	TRADED FD T RUSEL MDCP EQL	
46137V 48 0	INVESCO EXCHANGE	TRADED FD T RUSEL 2000 VAL	
46137V 49 8	INVESCO EXCHANGE	TRADED FD T RUSEL 2000 PUR	
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 51 4	INVESCO EXCHANGE	TRADED FD T RUSEL 2000 EQL	
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 55 5	INVESCO EXCHANGE	TRADED FD T INSIDER SENMNT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
46137V 95 1	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 63 9	INVESCO EXCHANGE	TRADED FD T DYNMC SOFTWARE	
46137V 64 7	INVESCO EXCHANGE	TRADED FD T DYNMC SEMICNDT	
46137V 65 4	INVESCO EXCHANGE	TRADED FD T DYNMC RETAIL	
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 69 6	INVESCO EXCHANGE	TRADED FD T DYNMC MEDIA	
46137V 70 4	INVESCO EXCHANGE	TRADED FD T DWA BASIC MATL	
46137V 71 2	INVESCO EXCHANGE	TRADED FD T DYNMC MKT ETF	
46137V 72 0	INVESCO EXCHANGE	TRADED FD T DYNMC LEISURE	
46137V 73 8	INVESCO EXCHANGE	TRADED FD T DYNMC LRG VALU	
46137V 74 6	INVESCO EXCHANGE	TRADED FD T DYNMC LRG GWTH	
46137V 75 3	INVESCO EXCHANGE	TRADED FD T DYNMC FOOD BEV	
46137V 76 1	INVESCO EXCHANGE	TRADED FD T DYNMC ENRG EXP	
46137V 77 9	INVESCO EXCHANGE	TRADED FD T DYNMC BLDG CON	
46137V 78 7	INVESCO EXCHANGE	TRADED FD T DYNMC BIOTECH	
46137V 79 5	INVESCO EXCHANGE	TRADED FD T DWA UTILS MUMT	
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 82 9	INVESCO EXCHANGE	TRADED FD T DWA NASDAQ MNT	

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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 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	
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 10 4	INVESCO EXCHANGE	TRADED FD T WILSHR MICR CP	
46137Y 20 3	INVESCO EXCHANGE	TRADED FD T WILSHIRE REIT	
46137Y 30 2	INVESCO EXCHANGE	TRADED FD T ZACKS MICRO CP	
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	ADDED
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 EXCHNG	TRADED FD TR 1 30 LADER TRE	
46138E 11 5	INVESCO EXCHNG	TRADED FD TR S&P SMLCP INFO	
46138E 12 3	INVESCO EXCHNG	TRADED FD TR S&P SMLCP INDL	
46138E 13 1	INVESCO EXCHNG	TRADED FD TR S&P SMLCAP HIG	
46138E 14 9 *	INVESCO EXCHNG	TRADED FD TR S&P SMLCP HELT	
46138E 90 9	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 9	INVESCO EXCHNG	TRADED FD TR PUT	

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46138E 15 6	INVESCO EXCHNG	TRADED FD TR	S&P SMLCP FINL
46138E 16 4	INVESCO EXCHNG	TRADED FD TR	S&P SMLCP ENGY
46138E 17 2	INVESCO EXCHNG	TRADED FD TR	S&P SMLCP STAP
46138E 18 0	INVESCO EXCHNG	TRADED FD TR	S&P SMLCP DISC
46138E 19 8 *	INVESCO EXCHNG	TRADED FD TR	S&P MIDCP LOW
46138E 90 8	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 8	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 20 6	INVESCO EXCHNG	TRADED FD TR	CALIF AMT MUN
46138E 21 4	INVESCO EXCHNG	TRADED FD TR	S&P INTL QULTY
46138E 22 2	INVESCO EXCHNG	TRADED FD TR	S&P INTL MOMNT
46138E 23 0	INVESCO EXCHNG	TRADED FD TR	S&P INTL LOW
46138E 24 8	INVESCO EXCHNG	TRADED FD TR	S&P INTL DEV
46138E 25 5	INVESCO EXCHNG	TRADED FD TR	S&P HIGH INCOM
46138E 26 3	INVESCO EXCHNG	TRADED FD TR	S&P GBL WATER
46138E 27 1	INVESCO EXCHNG	TRADED FD TR	S&P GLOBL DIVI
46138E 28 9	INVESCO EXCHNG	TRADED FD TR	S&P EMRNG MMTM
46138E 29 7	INVESCO EXCHNG	TRADED FD TR	S&P EMRNG MKTS
46138E 30 5	INVESCO EXCHNG	TRADED FD TR	CDN ENERGY INM
46138E 31 3	INVESCO EXCHNG	TRADED FD TR	S&P500 VAL MOM
46138E 33 9	INVESCO EXCHNG	TRADED FD TR	S&P 500 MOMNTM
46138E 34 7	INVESCO EXCHNG	TRADED FD TR	S&P500 MIN VAR
46138E 35 4 *	INVESCO EXCHNG	TRADED FD TR	S&P500 LOW VOL
46138E 90 4	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 4	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 36 2 *	INVESCO EXCHNG	TRADED FD TR	S&P500 HDL VOL
46138E 90 2	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 2	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 37 0 *	INVESCO EXCHNG	TRADED FD TR	S&P 500 HB ETF
46138E 90 0	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 0	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 38 8	INVESCO EXCHNG	TRADED FD TR	S&P 500 EX RAT
46138E 39 6	INVESCO EXCHNG	TRADED FD TR	S&P 500 ENHNCD
46138E 40 4 *	INVESCO EXCHNG	TRADED FD TR	CEF INM COMPSI
46138E 90 4	INVESCO EXCHNG	TRADED FD TR	CALL

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46138E 95 4	INVESCO EXCHNG	TRADED FD TR PUT	
46138E 41 2	INVESCO EXCHNG	TRADED FD TR RUSEL 1000 LOW	
46138E 42 0	INVESCO EXCHNG	TRADED FD TR RUSEL 1000 EQL	
46138E 43 8	INVESCO EXCHNG	TRADED FD TR RUSL 1000 ENHD	
46138E 44 6	INVESCO EXCHNG	TRADED FD TR PURBETA US AGG	
46138E 45 3	INVESCO EXCHNG	TRADED FD TR PURBTA MSCI SM	
46138E 46 1	INVESCO EXCHNG	TRADED FD TR PURBTA MSCI US	
46138E 47 9	INVESCO EXCHNG	TRADED FD TR PURBTA FTSE EM	
46138E 48 7	INVESCO EXCHNG	TRADED FD TR PURBTA FTSE DV	
46138E 49 5	INVESCO EXCHNG	TRADED FD TR PURBTA 0 5 YR	
46138E 50 3 *	INVESCO EXCHNG	TRADED FD TR CHINA ALL CAP	
46138E 90 3	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 3	INVESCO EXCHNG	TRADED FD TR PUT	
46138E 51 1 *	INVESCO EXCHNG	TRADED FD TR PFD ETF	
46138E 90 1	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 1	INVESCO EXCHNG	TRADED FD TR PUT	
46138E 52 9	INVESCO EXCHNG	TRADED FD TR NY AMT FRE MUN	
46138E 53 7 *	INVESCO EXCHNG	TRADED FD TR NATL AMT MUNI	
46138E 90 7	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 7	INVESCO EXCHNG	TRADED FD TR PUT	
46138E 54 5	INVESCO EXCHNG	TRADED FD TR MSCI GBL TIMBR	
46138E 55 2	INVESCO EXCHNG	TRADED FD TR MSCI EMRNG MKT	
46138E 56 0	INVESCO EXCHNG	TRADED FD TR LADERITE 0-5YR	
46138E 57 8	INVESCO EXCHNG	TRADED FD TR KBW REGL BKG	
46138E 58 6	INVESCO EXCHNG	TRADED FD TR KBW PPTY CASUT	
46138E 59 4	INVESCO EXCHNG	TRADED FD TR KBW PREM YIELD	
46138E 60 2 *	INVESCO EXCHNG	TRADED FD TR CHINA REALESTE	
46138E 90 2	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 2	INVESCO EXCHNG	TRADED FD TR PUT	
46138E 61 0	INVESCO EXCHNG	TRADED FD TR KBW HIG DV YLD	
46138E 62 8 *	INVESCO EXCHNG	TRADED FD TR KBW BK	
46138E 90 8	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 8	INVESCO EXCHNG	TRADED FD TR PUT	
46138E 63 6	INVESCO EXCHNG	TRADED FD TR INTL CORP BD	

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46138E 64 4	INVESCO EXCHNG	TRADED FD TR	INTL BUYBACK
46138E 65 1	INVESCO EXCHNG	TRADED FD TR	GLOBAL WATER
46138E 66 9	INVESCO EXCHNG	TRADED FD TR	GBL SRT TRM HY
46138E 67 7	INVESCO EXCHNG	TRADED FD TR	GLOBAL GLD PREC
46138E 68 5	INVESCO EXCHNG	TRADED FD TR	GLOBAL AGRCLTR
46138E 69 3	INVESCO EXCHNG	TRADED FD TR	FNDMNTL IG CRP
46138E 70 1 *	INVESCO EXCHNG	TRADED FD TR	CHINA SMALL CP
46138E 90 1	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 1	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 71 9 *	INVESCO EXCHNG	TRADED FD TR	FNDMNTL HY CRP
46138E 90 9	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 9	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 72 7 *	INVESCO EXCHNG	TRADED FD TR	FTSE RAFI EMNG
46138E 90 7	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 7	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 73 5	INVESCO EXCHNG	TRADED FD TR	FTSE RAFI SML
46138E 74 3	INVESCO EXCHNG	TRADED FD TR	FTSE RAFI DEV
46138E 75 0	INVESCO EXCHNG	TRADED FD TR	FTSE RAFI ASIA
46138E 76 8	INVESCO EXCHNG	TRADED FD TR	FTSE INTL LOW
46138E 77 6	INVESCO EXCHNG	TRADED FD TR	FRONTIER MKTS
46138E 78 4 *	INVESCO EXCHNG	TRADED FD TR	EMRNG MKT SVRG
46138E 90 4	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 4	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 79 2	INVESCO EXCHNG	TRADED FD TR	EMRNG MKT INFR
46138E 80 0	INVESCO EXCHNG	TRADED FD TR	CHINA TECHNLGY
46138E 82 6	INVESCO EXCHNG	TRADED FD TR	DWA TACTCL SCT
46138E 83 4	INVESCO EXCHNG	TRADED FD TR	DWA TACTCL MLT
46138E 84 2 *	INVESCO EXCHNG	TRADED FD TR	DWA SMLCP MENT
46138E 90 2	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 2	INVESCO EXCHNG	TRADED FD TR	PUT
46138E 85 9	INVESCO EXCHNG	TRADED FD TR	DWA MOMENT LOW
46138E 86 7 *	INVESCO EXCHNG	TRADED FD TR	DWA EMERG MKTS
46138E 90 7	INVESCO EXCHNG	TRADED FD TR	CALL
46138E 95 7	INVESCO EXCHNG	TRADED FD TR	PUT

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46138E 87 5 *	INVESCO EXCHNG TRADED FD TR	DWA DEV MKTS	
46138E 90 5	INVESCO EXCHNG TRADED FD TR	CALL	
46138E 95 5	INVESCO EXCHNG TRADED FD TR	PUT	
46138E 88 3	INVESCO EXCHNG TRADED FD TR	CHINS YUAN DIM	
46138G 10 2	INVESCO EXCHNG TRADED FD TR	S&P SMLCP LOW	
46138G 20 1	INVESCO EXCHNG TRADED FD TR	S&P SMLCP MATL	
46138G 30 0	INVESCO EXCHNG TRADED FD TR	S&P SMLCAP QTY	
46138G 40 9	INVESCO EXCHNG TRADED FD TR	S&P SMLCP UTIL	
46138G 50 8 *	INVESCO EXCHNG TRADED FD TR	SR LN ETF	
46138G 90 8	INVESCO EXCHNG TRADED FD TR	CALL	
46138G 95 8	INVESCO EXCHNG TRADED FD TR	PUT	
46138G 60 7 *	INVESCO EXCHNG TRADED FD TR	SHIPPING ETF	
46138G 90 7	INVESCO EXCHNG TRADED FD TR	CALL	
46138G 95 7	INVESCO EXCHNG TRADED FD TR	PUT	
46138G 70 6 *	INVESCO EXCHNG TRADED FD TR	SOLAR ETF	
46138G 90 6	INVESCO EXCHNG TRADED FD TR	CALL	
46138G 95 6	INVESCO EXCHNG TRADED FD TR	PUT	
46138G 80 5	INVESCO EXCHNG TRADED FD TR	TAXABLE MUN BD	
46138G 84 7	INVESCO EXCHNG TRADED FD TR	GBL CLEAN ENRG	
46138G 85 4	INVESCO EXCHNG TRADED FD TR	ZACKS INTL MLT	
46138G 86 2	INVESCO EXCHNG TRADED FD TR	VRDO TAX FREE	
46138G 87 0 *	INVESCO EXCHNG TRADED FD TR	VAR RATE PFD	
46138G 90 0	INVESCO EXCHNG TRADED FD TR	CALL	
46138G 95 0	INVESCO EXCHNG TRADED FD TR	PUT	
46138G 88 8	INVESCO EXCHNG TRADED FD TR	TREAS COLATERL	
46138J 10 6	INVESCO EXCH TRD SLF IDX FD	BULSHS2018 COR	DELETED
46138J 20 5	INVESCO EXCH TRD SLF IDX FD	BULSHS 2018 HY	DELETED
46138J 30 4	INVESCO EXCH TRD SLF IDX FD	BULSHS 2019 CB	
46138J 40 3	INVESCO EXCH TRD SLF IDX FD	BULSHS 2019 HY	
46138J 50 2	INVESCO EXCH TRD SLF IDX FD	BULSHS 2020 CB	
46138J 60 1	INVESCO EXCH TRD SLF IDX FD	BULSHS 2020 HY	
46138J 63 5	INVESCO EXCH TRD SLF IDX FD	INVSCO BLSH 26	
46138J 64 3	INVESCO EXCH TRD SLF IDX FD	INVSCO BLSH 28	
46138J 65 0	INVESCO EXCH TRD SLF IDX FD	BULLSHS 24 USD	ADDED

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46138J 66 8	INVESCO EXCH TRD SLF IDX FD	BULLSHS 23 USD	ADDED
46138J 67 6	INVESCO EXCH TRD SLF IDX FD	BULLSHS 22 USD	ADDED
46138J 68 4	INVESCO EXCH TRD SLF IDX FD	BULLSHS 21 USD	ADDED
46138J 69 2	INVESCO EXCH TRD SLF IDX FD	STRG EMERG ETF	
46138J 70 0	INVESCO EXCH TRD SLF IDX FD	BULSHS 2021 CB	
46138J 71 8	INVESCO EXCH TRD SLF IDX FD	STRG DEVL P SML	
46138J 72 6	INVESCO EXCH TRD SLF IDX FD	STRG DEVL P ETF	
46138J 73 4	INVESCO EXCH TRD SLF IDX FD	STRG US SML ETF	
46138J 74 2	INVESCO EXCH TRD SLF IDX FD	STRGIC US ETF	
46138J 75 9	INVESCO EXCH TRD SLF IDX FD	US LRG CP OPTM	
46138J 76 7	INVESCO EXCH TRD SLF IDX FD	MULT FACT LRG	
46138J 77 5	INVESCO EXCH TRD SLF IDX FD	DEFENSIVE EQTY	
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 80 9	INVESCO EXCH TRD SLF IDX FD	BULSHS 2021 HY	
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	
46138J 87 4	INVESCO EXCH TRD SLF IDX FD	BULSHS 2022 HY	
46138J 88 2	INVESCO EXCH TRD SLF IDX FD	BULSHS 2022 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 CURNCYSHS BRIT PND S	BRIT POUN STRL	
46138M 90 9	INVESCO CURNCYSHS BRIT PND S	CALL	
46138M 95 9	INVESCO CURNCYSHS BRIT PND S	PUT	
46138R 10 8 *	INVESCO CURNCYSHS SWISS FRAN	SWISS FRAN	
46138R 90 8	INVESCO CURNCYSHS SWISS FRAN	CALL	
46138R 95 8	INVESCO CURNCYSHS SWISS FRAN	PUT	
46138T 10 4 *	INVESCO CURNCYSHS CDN DLR TR	CDN DLR SHS	
46138T 90 4	INVESCO CURNCYSHS CDN DLR TR	CALL	

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46138T 95 4	INVESCO CURNCYSHS CDN DLR TR	PUT	
46138V 10 9 *	INVESCO CURNCYSHS SWEDSH KRO	SWEDISH KRONA	
46138V 90 9	INVESCO CURNCYSHS SWEDSH KRO	CALL	
46138V 95 9	INVESCO CURNCYSHS SWEDSH KRO	PUT	
46138W 10 7 *	INVESCO CURNCYSHS JAPANESE Y	JAPANESE YEN	
46138W 90 7	INVESCO CURNCYSHS JAPANESE Y	CALL	
46138W 95 7	INVESCO CURNCYSHS JAPANESE Y	PUT	
46138X 10 5	INVESCO CURNCYSHS CHINESE RE	CHINESE RENMIN	
46138Y 10 3	INVESCO CURNCYSHS SINGAPORE DL	SINGAPORE DLR	
46139B 10 2 *	INVESCO DB G10 CURRENCY HRVS	UNIT	
46139B 90 2	INVESCO DB G10 CURRENCY HRVS	CALL	
46139B 95 2	INVESCO DB G10 CURRENCY HRVS	PUT	
46139W 10 6	INVESCO EXCHNG TRAD SLF INDE	EMMKT DB DEFSV	
46139W 20 5	INVESCO EXCHNG TRAD SLF INDE	EMR MKT DB VLU	
46139W 30 4	INVESCO EXCHNG TRAD SLF INDE	CORRT INM DEFS	
46139W 40 3	INVESCO EXCHNG TRAD SLF INDE	CORRT INM VALU	
46139W 50 2	INVESCO EXCHNG TRAD SLF INDE	INVT GRD DEFSV	
46139W 60 1	INVESCO EXCHNG TRAD SLF INDE	INVT GRAD VALU	
46139W 70 0	INVESCO EXCHNG TRAD SLF INDE	MLT FTR CR FXD	
46139W 80 9	INVESCO EXCHNG TRAD SLF INDE	MLT FTR CR PLS	
46139W 87 4	INVESCO EXCHNG TRAD SLF INDE	MLT FCTR INCM	ADDED
46139W 88 2	INVESCO EXCHNG TRAD SLF INDE	MLT FCTR DEFSV	ADDED
46140H 10 6 *	INVESCO DB MLTI SECTR CMMTY	AGRICULTURE FD	
46140H 90 6	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 6	INVESCO DB MLTI SECTR CMMTY	PUT	
46140H 20 5 *	INVESCO DB MLTI SECTR CMMTY	SILVER FD	
46140H 90 5	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 5	INVESCO DB MLTI SECTR CMMTY	PUT	
46140H 30 4 *	INVESCO DB MLTI SECTR CMMTY	ENERGY FD	
46140H 90 4	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 4	INVESCO DB MLTI SECTR CMMTY	PUT	
46140H 40 3 *	INVESCO DB MLTI SECTR CMMTY	OIL FD	
46140H 90 3	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 3	INVESCO DB MLTI SECTR CMMTY	PUT	

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46140H 50 2 *	INVESCO DB MLTI SECTR CMMTY	PRECIOUS METAL	
46140H 90 2	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 2	INVESCO DB MLTI SECTR CMMTY	PUT	
46140H 60 1 *	INVESCO DB MLTI SECTR CMMTY	GOLD FD	
46140H 90 1	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 1	INVESCO DB MLTI SECTR CMMTY	PUT	
46140H 70 0 *	INVESCO DB MLTI SECTR CMMTY	BASE METALS FD	
46140H 90 0	INVESCO DB MLTI SECTR CMMTY	CALL	
46140H 95 0	INVESCO DB MLTI SECTR CMMTY	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	
46145F 10 5 *	INVESTMENT TECHNOLOGY GRP NE	COM	
46145F 90 5	INVESTMENT TECHNOLOGY GRP NE	CALL	
46145F 95 5	INVESTMENT TECHNOLOGY GRP NE	PUT	
46146L 10 1 *	INVESTORS BANCORP INC NEW	COM	
46146L 90 1	INVESTORS BANCORP INC NEW	CALL	
46146L 95 1	INVESTORS BANCORP INC NEW	PUT	
461730 10 3 *	INVESTORS REAL ESTATE TR	SH BEN INT	DELETED
461730 90 3	INVESTORS REAL ESTATE TR	CALL	DELETED
461730 95 3	INVESTORS REAL ESTATE TR	PUT	DELETED
461730 50 9 *	INVESTORS REAL ESTATE TR	SH BEN INT	ADDED
461730 90 9	INVESTORS REAL ESTATE TR	CALL	ADDED
461730 95 9	INVESTORS REAL ESTATE TR	PUT	ADDED
461804 10 6	INVESTORS TITLE CO	COM	
46185L 10 3 *	INVITAE CORP	COM	
46185L 90 3	INVITAE CORP	CALL	
46185L 95 3	INVITAE CORP	PUT	
46186M 40 7 *	INVIVO THERAPEUTICS HLDGS CO	COM PAR	
46186M 90 7	INVIVO THERAPEUTICS HLDGS CO	CALL	
46186M 95 7	INVIVO THERAPEUTICS HLDGS CO	PUT	

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46187J 20 5	INVUITY INC	COM NEW	DELETED
46187W 10 7 *	INVITATION HOMES INC	COM	
46187W 90 7	INVITATION HOMES INC	CALL	
46187W 95 7	INVITATION HOMES INC	PUT	
462044 20 7 *	ION GEOPHYSICAL CORP	COM NEW	
462044 90 7	ION GEOPHYSICAL CORP	CALL	
462044 95 7	ION GEOPHYSICAL CORP	PUT	
462222 10 0 *	IONIS PHARMACEUTICALS INC	COM	
462222 90 0	IONIS PHARMACEUTICALS INC	CALL	
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	
46261V 30 6	IPASS INC	COM	
46263D 10 6	IPIC ENTMT INC	COM CL A	
46266A 10 9	IRADIMED CORP	COM	
46266C 10 5 *	IQVIA HLDGS INC	COM	
46266C 90 5	IQVIA HLDGS INC	CALL	
46266C 95 5	IQVIA HLDGS INC	PUT	
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	
46269C 10 2 *	IRIDIUM COMMUNICATIONS INC	COM	
46269C 90 2	IRIDIUM COMMUNICATIONS INC	CALL	
46269C 95 2	IRIDIUM COMMUNICATIONS INC	PUT	
46269C 40 9	IRIDIUM COMMUNICATIONS INC	PERP PFD CNV B	
462726 10 0 *	IROBOT CORP	COM	
462726 90 0	IROBOT CORP	CALL	
462726 95 0	IROBOT CORP	PUT	
46284V 10 1 *	IRON MTN INC NEW	COM	
46284V 90 1	IRON MTN INC NEW	CALL	
46284V 95 1	IRON MTN INC NEW	PUT	
46333X AD 0	IRONWOOD PHARMACEUTICALS INC	DCV 2.250% 6/1	

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46333X 10 8 *	IRONWOOD PHARMACEUTICALS INC	COM CL A	
46333X 90 8	IRONWOOD PHARMACEUTICALS INC	CALL	
46333X 95 8	IRONWOOD PHARMACEUTICALS INC	PUT	
463588 10 3	IRSA PROPIEDADES COMERCIALES	SPONSORED ADR	
46428Q 10 9 *	ISHARES SILVER TRUST	ISHARES	
46428Q 90 9	ISHARES SILVER TRUST	CALL	
46428Q 95 9	ISHARES SILVER TRUST	PUT	
46428R 10 7 *	ISHARES S&P GSCI COMMODITY I	UNIT BEN INT	
46428R 90 7	ISHARES S&P GSCI COMMODITY I	CALL	
46428R 95 7	ISHARES S&P GSCI COMMODITY I	PUT	
464285 10 5 *	ISHARES GOLD TRUST	ISHARES	
464285 90 5	ISHARES GOLD TRUST	CALL	
464285 95 5	ISHARES GOLD TRUST	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 FRNTR100ETF	
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 90 2	ISHARES INC	CALL	
464286 95 2	ISHARES INC	PUT	
464286 21 0	ISHARES INC	INTL HIGH YIELD	
464286 25 1	ISHARES INC	JP MRG EM CRP BD	
464286 28 5	ISHARES INC	EM HGHYL BD ETF	
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	
464286 32 7	ISHARES INC	GLB SILV MIN ETF	
464286 34 3	ISHARES INC	GLB ENR PROD ETF	
464286 35 0	ISHARES INC	GLB AGRIC PR ETF	

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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 47 5	ISHARES INC	EM MKT SM-CP ETF	
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	MIN VOL GBL ETF	
464286 90 5	ISHARES INC	CALL	
464286 95 5	ISHARES INC	PUT	
464286 53 3 *	ISHARES INC	MIN VOL EMRG MKT	
464286 90 3	ISHARES INC	CALL	
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 BRIC INDX	

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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 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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	MRNGSTR LG-CP GR	
464287 12 7	ISHARES TR	MRNGSTR LG-CP ET	
464287 15 0 *	ISHARES TR	CORE S&P TTL STK	
464287 90 0	ISHARES TR	CALL	
464287 95 0	ISHARES TR	PUT	
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	TRANS AVG ETF	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
464287 90 2	ISHARES TR	CALL	
464287 95 2	ISHARES TR	PUT	
464287 44 0 *	ISHARES TR	BARCLAYS 7 10 YR	
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	
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	PHLX SEMICND ETF	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
464287 95 9	ISHARES TR	PUT	
464287 55 6 *	ISHARES TR	NASDAQ 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	U.S. CNSM SV ETF	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	U.S. CNSM GD ETF	
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	
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	MRNGSTR LG-CP VL	
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 17 4 *	ISHARES TR	GL TIMB FORE ETF	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 22 4	ISHARES TR	GL CLEAN ENE ETF	
464288 24 0 *	ISHARES TR	MSCI ACWI EX US	
464288 90 0	ISHARES TR	CALL	
464288 95 0	ISHARES TR	PUT	
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 32 3 *	ISHARES TR	NEW YORK MUN ETF	
464288 90 3	ISHARES TR	CALL	
464288 95 3	ISHARES TR	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 47 1	ISHARES TR	EUR DEV RE ETF	
464288 48 9 *	ISHARES TR	INTL DEV RE ETF	
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 56 2 *	ISHARES TR	RESIDNL REAL EST	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	INTRM TR CRP ETF	
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 64 6 *	ISHARES TR	SH TR CRPORT ETF	
464288 90 6	ISHARES TR	CALL	
464288 95 6	ISHARES TR	PUT	
464288 65 3 *	ISHARES TR	10-20 YR TRS ETF	
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	S&P US PFD STK	
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 73 7 *	ISHARES TR	GLB CNSM STP ETF	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
464288 74 5	ISHARES TR	GLB CNS DISC ETF	
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	
464288 90 8	ISHARES TR	CALL	
464288 95 8	ISHARES TR	PUT	
464288 78 6	ISHARES TR	U.S. INSRNCE ETF	
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	

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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	
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 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 43 8	ISHARES TR	RUS TP200 GR ETF	
464289 44 6	ISHARES TR	RUS TOP 200 ETF	
464289 47 9	ISHARES TR	CORE LT USDB ETF	
464289 51 1 *	ISHARES TR	LNG TR CRPRT BD	
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 90 2	ISHARES TR	CALL	
464289 95 2	ISHARES TR	PUT	
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 13 5 *	ISHARES TR	INTL PFD STK ETF	
46429B 90 5	ISHARES TR	CALL	
46429B 95 5	ISHARES TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46429B 20 0 *	ISHARES TR	CHINA SM-CAP ETF	
46429B 90 0	ISHARES TR	CALL	
46429B 95 0	ISHARES TR	PUT	
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 INDONIA 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 40 8 *	ISHARES TR	MSCI PHILIPS ETF	
46429B 90 8	ISHARES TR	CALL	
46429B 95 8	ISHARES TR	PUT	
46429B 41 6	ISHARES TR	MSCI UK SM ETF	
46429B 46 5	ISHARES TR	MSCI GERMNY ETF	
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 56 4	ISHARES TR	IBONDS SEP19 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 90 6	ISHARES TR	CALL	
46429B 95 6	ISHARES TR	PUT	
46429B 61 4	ISHARES TR	MSCI INDIA SM CP	
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	

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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	MIN VOL EAFE ETF	
46429B 90 9	ISHARES TR	CALL	
46429B 95 9	ISHARES TR	PUT	
46429B 69 7 *	ISHARES TR	MIN VOL USA ETF	
46429B 90 7	ISHARES TR	CALL	
46429B 95 7	ISHARES TR	PUT	
46429B 74 7	ISHARES TR	0-5 YR TIPS ETF	
46431W 50 7	ISHARES US ETF TR	SHT MAT BD ETF	
46431W 58 0	ISHARES US ETF TR	INFLATION HEDG	
46431W 59 8	ISHARES US ETF TR	BLOOMBERG ROLL	
46431W 60 6 *	ISHARES US ETF TR	IT RT HDG HGYL	
46431W 90 6	ISHARES US ETF TR	CALL	
46431W 95 6	ISHARES US ETF TR	PUT	
46431W 61 4	ISHARES US ETF TR	GOLD STRATEGY	
46431W 62 2	ISHARES US ETF TR	INOVATIV HLTCR	
46431W 63 0	ISHARES US ETF TR	MEDIA ENTRNMNT	
46431W 64 8	ISHARES US ETF TR	TECHNOLOGY	
46431W 65 5	ISHARES US ETF TR	EVOLVED FINLS	
46431W 66 3	ISHARES US ETF TR	DISCRETIONARY	
46431W 67 1	ISHARES US ETF TR	CONSUMER STPLS	
46431W 68 9	ISHARES US ETF TR	HEALTHCARE	
46431W 70 5 *	ISHARES US ETF TR	INT RT HDG C B	
46431W 90 5	ISHARES US ETF TR	CALL	
46431W 95 5	ISHARES US ETF TR	PUT	
46431W 81 2	ISHARES US ETF TR	INT RT HD LONG	
46431W 82 0	ISHARES US ETF TR	INT RT HD EMRG	
46431W 83 8	ISHARES US ETF TR	SHT MAT MUN ETF	
46431W 85 3	ISHARES US ETF TR	COMMOD SEL STG	
46432F AK 3	ISHARES TR	IBNDS MAR20 ETF	
46432F AN 7	ISHARES TR	IBNDS MAR23 ETF	

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46432F AZ 0	ISHARES TR	IBONDS MAR23 ETF	
46432F BC 0	ISHARES TR	IBONDS MAR20 ETF	
46432F 33 9 *	ISHARES TR	USA QUALITY FCTR	
46432F 90 9	ISHARES TR	CALL	
46432F 95 9	ISHARES TR	PUT	
46432F 37 0 *	ISHARES TR	USA SIZE FACTOR	
46432F 90 0	ISHARES TR	CALL	
46432F 95 0	ISHARES TR	PUT	
46432F 38 8 *	ISHARES TR	EDGE MSCI USA VL	
46432F 90 8	ISHARES TR	CALL	
46432F 95 8	ISHARES TR	PUT	
46432F 39 6 *	ISHARES TR	USA MOMENTUM FCT	
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	
46432F 85 9	ISHARES TR	CORE 1 5 YR USD	
46432F 87 5	ISHARES TR	MRNGSTR INC ETF	
464337 AG 9	ISIS PHARMACEUTICALS INC DEL	NOTE 2.750%10/0	
464337 AJ 3	ISIS PHARMACEUTICALS INC DEL	NOTE 1.000%11/1	
46434G 10 3 *	ISHARES INC	CORE MSCI EMKT	
46434G 90 3	ISHARES INC	CALL	
46434G 95 3	ISHARES INC	PUT	
46434G 20 2	ISHARES INC	MSCI COLMBIA ETF	
46434G 50 9	ISHARES INC	CUR HD MSCI EM	
46434G 76 4	ISHARES INC	MSCI EMRG CHN	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46434G 90 0	ISHARES INC	CALL	
46434G 95 0	ISHARES INC	PUT	
46434G 79 8 *	ISHARES INC	MSCI RUSSIA ETF	
46434G 90 8	ISHARES INC	CALL	
46434G 95 8	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	
46434G 86 3	ISHARES INC	ESG MSCI EM ETF	
46434G 88 9	ISHARES INC	MLT FCTR EMG MKT	
46434V AA 8	ISHARES TR	IBONDS DEC18 ETF	DELETED
46434V AQ 3	ISHARES TR	IBONDS DEC20 ETF	
46434V AU 4	ISHARES TR	IBONDS DEC19 ETF	
46434V AX 8	ISHARES TR	IBONDS DEC23 ETF	
46434V BA 7	ISHARES TR	IBONDS DEC22 ETF	
46434V BD 1	ISHARES TR	IBONDS DEC25 ETF	
46434V BG 4	ISHARES TR	IBONDS DEC24 ETF	
46434V BK 5	ISHARES TR	IBONDS DEC21 ETF	
46434V 10 0	ISHARES TR	0-5YR INVT GR CP	
46434V 26 6	ISHARES TR	MLTFCTR INTL SML	
46434V 27 4 *	ISHARES TR	MULTIFACTOR INTL	
46434V 90 4	ISHARES TR	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46434V 95 4	ISHARES TR	PUT	
46434V 28 2 *	ISHARES TR	MULTIFACTOR USA	
46434V 90 2	ISHARES TR	CALL	
46434V 95 2	ISHARES TR	PUT	
46434V 29 0	ISHARES TR	MULTIFACTOR USA	
46434V 31 6	ISHARES TR	MULTIFACTOR GLBL	
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	INTL MOMENTUM FT	
46434V 45 6	ISHARES TR	INTL QLTY FACTOR	
46434V 46 4	ISHARES TR	MSCI LW CRB TG	
46434V 51 4 *	ISHARES TR	MSCI CHINA A	
46434V 90 4	ISHARES TR	CALL	
46434V 95 4	ISHARES TR	PUT	
46434V 57 1	ISHARES TR	IBONDS SEP2020	
46434V 61 3	ISHARES TR	CORE TOTAL USD	
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 69 6	ISHARES TR	CORE MSCI PAC	
46434V 70 4 *	ISHARES TR	CUR HED MSCI GER	
46434V 90 4	ISHARES TR	CALL	
46434V 95 4	ISHARES TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46434V 71 2	ISHARES TR	MIN VOL JAPN ETF	
46434V 72 0	ISHARES TR	MIN VOL EUROPE	
46434V 73 8 *	ISHARES TR	CORE MSCI EURO	
46434V 90 8	ISHARES TR	CALL	
46434V 95 8	ISHARES TR	PUT	
46434V 74 6	ISHARES TR	MIN VOL ASIA JAP	
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	
46434V 95 3	ISHARES TR	PUT	
46434V 86 0	ISHARES TR	TRS FLT RT BD	
46434V 87 8	ISHARES TR	ULTR SH TRM BD	
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 14 4	ISHARES TR	10 YR INVT GRD	
46435G 15 1	ISHARES TR	5 10 YR INVT	
46435G 16 9	ISHARES TR	RUSSELL 1000 US	
46435G 19 3	ISHARES TR	ESG USD CORPT	
46435G 21 9	ISHARES TR	EDGE INVT GRDE	
46435G 24 3	ISHARES TR	ESG 1 5 YR USD	
46435G 25 0	ISHARES TR	EDEG HIG YLELD	
46435G 26 8	ISHARES TR	RUSEL 2500 ETF	
46435G 27 6	ISHARES TR	MSCI ARGENTINA	
46435G 31 8	ISHARES TR	IBONDS DEC2023	
46435G 32 6	ISHARES TR	CORE MSCI INTL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46435G 90 2	ISHARES TR	CALL	
46435G 95 2	ISHARES TR	PUT	
46435G 40 9	ISHARES TR	INTL VALUE FACTR	
46435G 41 7	ISHARES TR	CR 5 10 YR ETF	
46435G 42 5	ISHARES TR	ESG MSCI USA ETF	
46435G 43 3	ISHARES TR	EDGE MSCI MINM	
46435G 44 1	ISHARES TR	IBOXX HIG YLD EX	
46435G 47 4	ISHARES TR	FALN ANGLS USD	
46435G 50 8	ISHARES TR	INTL SIZE FACTOR	
46435G 51 6	ISHARES TR	ESG MSCI EAFE	
46435G 52 4	ISHARES TR	INTL DIV GRWTH	
46435G 53 2	ISHARES TR	MSCI GLOBAL IMP	
46435G 60 7	ISHARES TR	MSCI AUSTRALIA	
46435G 64 9	ISHARES TR	ADAPTV JPN ETF	
46435G 65 6	ISHARES TR	ADAPTIVE ETF	
46435G 66 4	ISHARES TR	ADAPTV EUR ETF	
46435G 67 2	ISHARES TR	CORE INTL AGGR	
46435G 70 6	ISHARES TR	MSCI CDA ETF	
46435G 72 2	ISHARES TR	JPX NIKKEI 400	
46435G 75 5	ISHARES TR	IBONDS DEC2022	
46435G 78 9	ISHARES TR	IBONDS DEC2021	
46435G 80 5	ISHARES TR	MSCI MEXICO	
46435G 81 3	ISHARES TR	MSCI SPAIN ETF	
46435G 82 1	ISHARES TR	MSCI ITALY 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	
46435G 87 0	ISHARES TR	MSCI SWITZERLD	
46435G 88 8	ISHARES TR	MSCI SO KOREA	
46435U AA 9	ISHARES TR	IBONDS ETF	
46435U 43 2	ISHARES TR	IBONDS DEC 25	ADDED
46435U 44 0	ISHARES TR	GBL GREEN ETF	ADDED
46435U 51 5	ISHARES TR	IBDS DEC28 ETF	
46435U 54 9	ISHARES TR	ESG US AGR BD	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46435U 55 6	ISHARES TR	ROBOTICS ARTIF	
46435U 66 3	ISHARES TR	ESG MSCI USA SML	
46435U 69 7	ISHARES TR	IBONDS DEC	
46435U 71 3	ISHARES TR	US INFRASTRUC	
46435U 79 6	ISHARES TR	EDGE US FIXD INM	
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	US DIVID BYBCK	
46489V 10 4	ISORAY INC	COM	
465141 40 6	ISRAMCO INC	COM NEW	
46520M 20 4	ISSUER DIRECT CORPORATION	COM NEW	
46527C 10 0 *	IT TECH PACKAGING INC	COM NEW	
46527C 90 0	IT TECH PACKAGING INC	CALL	
46527C 95 0	IT TECH PACKAGING INC	PUT	
465562 10 6 *	ITAU UNIBANCO HLDG SA	SPON ADR REP PFD	
465562 90 6	ITAU UNIBANCO HLDG SA	CALL	
465562 95 6	ITAU UNIBANCO HLDG SA	PUT	
46564T 10 7 *	ITERIS INC	COM	
46564T 90 7	ITERIS INC	CALL	
46564T 95 7	ITERIS INC	PUT	
46571Y 10 7	I3 VERTICALS INC	COM CL A	
465741 10 6 *	ITRON INC	COM	
465741 90 6	ITRON INC	CALL	
465741 95 6	ITRON INC	PUT	
465893 10 5	IVY HIGH INC OPPORTUNITIES F	COM	
46590V 10 0 *	JBG SMITH PPTYS	COM	
46590V 90 0	JBG SMITH PPTYS	CALL	
46590V 95 0	JBG SMITH PPTYS	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	
46609J 10 6 *	J ALEXANDERS HLDGS INC	COM	

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46609J 90 6	J ALEXANDERS HLDGS INC	CALL	
46609J 95 6	J ALEXANDERS HLDGS INC	PUT	
46612J AF 8	JDS UNIPHASE CORP	DBCV 0.625% 8/1	DELETED
46620W 10 2 *	J JILL INC	COM	
46620W 90 2	J JILL INC	CALL	
46620W 95 2	J JILL INC	PUT	
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	
46629U 10 7	JMP GROUP LLC	COM	
466313 10 3 *	JABIL INC	COM	
466313 90 3	JABIL INC	CALL	
466313 95 3	JABIL INC	PUT	
46634E 11 4	JPMORGAN CHASE & CO	*W EXP 10/28/201	DELETED
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 10 0	JP MORGAN EXCHANGE TRADED FD	DIV RTN GLB EQ	
46641Q 20 9 *	JP MORGAN EXCHANGE TRADED FD	DIV RTN INT EQ	
46641Q 90 9	JP MORGAN EXCHANGE TRADED FD	CALL	
46641Q 95 9	JP MORGAN EXCHANGE TRADED FD	PUT	
46641Q 30 8 *	JP MORGAN EXCHANGE TRADED FD	DIV RTN EM EQT	
46641Q 90 8	JP MORGAN EXCHANGE TRADED FD	CALL	
46641Q 95 8	JP MORGAN EXCHANGE TRADED FD	PUT	
46641Q 40 7 *	JP MORGAN EXCHANGE TRADED FD	JPMORGAN DIVER	
46641Q 90 7	JP MORGAN EXCHANGE TRADED FD	CALL	
46641Q 95 7	JP MORGAN EXCHANGE TRADED FD	PUT	
46641Q 44 9	JP MORGAN EXCHANGE TRADED FD	CORP BD RESCH	ADDED
46641Q 50 6	JP MORGAN EXCHANGE TRADED FD	DIVRSFD RT INT	
46641Q 60 5	JP MORGAN EXCHANGE TRADED FD	DIV RTN EU ETF	
46641Q 61 3	JP MORGAN EXCHANGE TRADED FD	US AGGREGATE	ADDED

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46641Q 64 7	JP MORGAN EXCHANGE TRADED FD	MUNICIPAL ETF	ADDED
46641Q 65 4	JP MORGAN EXCHANGE TRADED FD	ULTRA SHRT ETF	ADDED
46641Q 68 8	JP MORGAN EXCHANGE TRADED FD	BETABULDR DEVE	
46641Q 69 6	JP MORGAN EXCHANGE TRADED FD	BETABULDRS CDA	
46641Q 70 4	JP MORGAN EXCHANGE TRADED FD	DIVRSFD RT EUR	
46641Q 71 2	JP MORGAN EXCHANGE TRADED FD	BETBULD JAPAN	
46641Q 72 0	JP MORGAN EXCHANGE TRADED FD	BETBULD EUROPE	
46641Q 73 8	JP MORGAN EXCHANGE TRADED FD	BETBULD MSCI	
46641Q 74 6	JP MORGAN EXCHANGE TRADED FD	USD EMRNG MKT	
46641Q 75 3	JP MORGAN EXCHANGE TRADED FD	US VALUE FACTR	
46641Q 76 1	JP MORGAN EXCHANGE TRADED FD	US QUALTY FCTR	
46641Q 77 9	JP MORGAN EXCHANGE TRADED FD	US MOMENTUM	
46641Q 78 7	JP MORGAN EXCHANGE TRADED FD	US MINMUM VOLT	
46641Q 79 5	JP MORGAN EXCHANGE TRADED FD	US DIVIDEND	
46641Q 80 3	JP MORGAN EXCHANGE TRADED FD	DIVERSIFIED ET	
46641Q 81 1	JP MORGAN EXCHANGE TRADED FD	LONG SHORT ETF	
46641Q 82 9	JP MORGAN EXCHANGE TRADED FD	MANAGED FUTURE	
46641Q 83 7	JP MORGAN EXCHANGE TRADED FD	ULTRA SHRT INC	
46641Q 84 5	JP MORGAN EXCHANGE TRADED FD	DIVERSFD EQT ETF	
46641Q 85 2	JP MORGAN EXCHANGE TRADED FD	GLOBAL BD OPRT	
46641Q 86 0	JP MORGAN EXCHANGE TRADED FD	EVENT DRIVEN	
46641Q 87 8	JP MORGAN EXCHANGE TRADED FD	DCPLND HG YLD	
46641Q 88 6	JP MORGAN EXCHANGE TRADED FD	DIVERSFED RTRN	
46647L 20 4	JMU LTD	SPONSORED ADS	
469814 10 7 *	JACOBS ENGR GROUP INC DEL	COM	
469814 90 7	JACOBS ENGR GROUP INC DEL	CALL	
469814 95 7	JACOBS ENGR GROUP INC DEL	PUT	
47009K 10 7 *	JAGGED PEAK ENERGY INC	COM	
47009K 90 7	JAGGED PEAK ENERGY INC	CALL	
47009K 95 7	JAGGED PEAK ENERGY INC	PUT	
47010C 30 0	JAGUAR HEALTH INC	COM NEW	
47012E 10 6 *	JAKKS PAC INC	COM	
47012E 90 6	JAKKS PAC INC	CALL	
47012E 95 6	JAKKS PAC INC	PUT	

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470299 10 8	BANK OF THE ST JAMES FINL GP	COM	
47030M 10 6	JAMES HARDIE INDS PLC	SPONSORED ADR	
47103U 10 0	JANUS DETROIT STR TR	HENDERSN CAP ETF	
47103U 20 9	JANUS DETROIT STR TR	HENDERSN SML ETF	
47103U 40 7	JANUS DETROIT STR TR	LONG TERM CARE	
47103U 50 6	JANUS DETROIT STR TR	OBESITY ETF	
47103U 60 5	JANUS DETROIT STR TR	ORGANICS ETF	
47103U 85 2	JANUS DETROIT STR TR	HENDERSON MTG	
47103U 88 6	JANUS DETROIT STR TR	HENDRSN SHRT ETF	
47109U 10 4	JAPAN SMALLER CAPTLZTN FD IN	COM	
471109 AL 2	JARDEN CORP	NOTE 1.500% 6/1	
471109 AM 0	JARDEN CORP	NOTE 1.125% 3/1	
471172 10 6	JASON INDS INC	COM	
471172 11 4	JASON INDS INC	*W EXP 06/30/201	
472145 AB 7	JAZZ INVESTMENTS I LTD	NOTE 1.875% 8/1	
472145 AD 3	JAZZ INVESTMENTS I LTD	NOTE 1.500% 8/1	
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	
47632B 10 2	JENSYN ACQUISITION CORP	COM	
47632B 11 0	JENSYN ACQUISITION CORP	*W EXP 03/07/202	
47632B 12 8	JENSYN ACQUISITION CORP	RIGHT 99/99/9999	
47632B 20 1	JENSYN ACQUISITION CORP	UNIT 99/99/9999	
47632P 10 1	JERASH HLDGS US INC	COM	
476405 10 5	JERNIGAN CAP INC	COM	
477143 10 1 *	JETBLUE AIRWAYS CORP	COM	
477143 90 1	JETBLUE AIRWAYS CORP	CALL	
477143 95 1	JETBLUE AIRWAYS CORP	PUT	

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477177 10 9	JETPAY CORP	COM	DELETED
47733C 20 7	JEWETT CAMERON TRADING LTD	COM NEW	
47738D 10 1	JIANPU TECHNOLOGY INC	ADR	
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	
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 20 6	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR MI	
47804J 30 5	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR CO	
47804J 40 4	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR FI	
47804J 50 3	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR HE	
47804J 60 2	JOHN HANCOCK EXCHANGE TRADED	MULTIFACTOR TE	
47804J 70 1	JOHN HANCOCK EXCHANGE TRADED	MLTFACTOR ENRG	
47804J 80 0	JOHN HANCOCK EXCHANGE TRADED	MLTFACTR MATLS	
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	
47804J 86 7	JOHN HANCOCK EXCHANGE TRADED	MLTFACTR UTILS	
47804J 87 5	JOHN HANCOCK EXCHANGE TRADED	MLTFCCTR CONSMR	
47804J 88 3	JOHN HANCOCK EXCHANGE TRADED	MLTFACTR INDLS	
47804L 10 2	JOHN HANCOCK HDG EQ & INC FD	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	
48019R 30 6 *	JONES ENERGY INC	CL A NEW	DELETED
48019R 90 6	JONES ENERGY INC	CALL	DELETED
48019R 95 6	JONES ENERGY INC	PUT	DELETED
48020Q 10 7 *	JONES LANG LASALLE INC	COM	
48020Q 90 7	JONES LANG LASALLE INC	CALL	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
48123V AC 6	J2 GLOBAL INC	NOTE 3.250% 6/1	
48123V 10 2 *	J2 GLOBAL INC	COM	
48123V 90 2	J2 GLOBAL INC	CALL	
48123V 95 2	J2 GLOBAL INC	PUT	
48129G 70 3	JPMORGAN CHASE FINL CO LLC	CUSHING MLP 37	
48138L 10 7 *	JUMEI INTL HLDG LTD	SPONSORED ADR	
48138L 90 7	JUMEI INTL HLDG LTD	CALL	
48138L 95 7	JUMEI INTL HLDG LTD	PUT	
48203R 10 4 *	JUNIPER NETWORKS INC	COM	
48203R 90 4	JUNIPER NETWORKS INC	CALL	
48203R 95 4	JUNIPER NETWORKS INC	PUT	
48205B 10 7 *	JUPAI HLDGS LTD	ADS	
48205B 90 7	JUPAI HLDGS LTD	CALL	
48205B 95 7	JUPAI HLDGS LTD	PUT	
48213W 10 1 *	JUST ENERGY GROUP INC	COM	
48213W 90 1	JUST ENERGY GROUP INC	CALL	
48213W 95 1	JUST ENERGY GROUP INC	PUT	
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 FINANCIAL GROUP INC	SPONSORED ADR	
48241A 90 5	KB FINANCIAL GROUP INC	CALL	
48241A 95 5	KB FINANCIAL GROUP INC	PUT	
48242A 10 4	KBL MERGER CORP IV	COM	
48242A 11 2	KBL MERGER CORP IV	*W EXP 01/15/202	
48242A 12 0	KBL MERGER CORP IV	RIGHT 03/22/2019	
48242A 20 3	KBL MERGER CORP IV	UNIT 01/15/2024	
48242W 10 6 *	KBR INC	COM	
48242W 90 6	KBR INC	CALL	
48242W 95 6	KBR INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
482480 10 0 *	KLA-TENCOR CORP	COM	
482480 90 0	KLA-TENCOR CORP	CALL	
482480 95 0	KLA-TENCOR CORP	PUT	
48249T 10 6	KKR INCOME OPPORTUNITIES FD	COM	
48251K 10 0	KKR REAL ESTATE FIN TR INC	COM	
48251W 10 4 *	KKR & CO INC	CL A	
48251W 90 4	KKR & CO INC	CALL	
48251W 95 4	KKR & CO INC	PUT	
48253L 10 6 *	KLX ENERGY SERVICIS HOLDNGS I	COM	
48253L 90 6	KLX ENERGY SERVICIS HOLDNGS I	CALL	
48253L 95 6	KLX ENERGY SERVICIS HOLDNGS I	PUT	
482539 10 3 *	KLX INC	COM	DELETED
482539 90 3	KLX INC	CALL	DELETED
482539 95 3	KLX INC	PUT	DELETED
482564 10 1 *	KMG CHEMICALS INC	COM	DELETED
482564 90 1	KMG CHEMICALS INC	CALL	DELETED
482564 95 1	KMG CHEMICALS INC	PUT	DELETED
48268K 10 1 *	KT CORP	SPONSORED ADR	
48268K 90 1	KT CORP	CALL	
48268K 95 1	KT CORP	PUT	
48273J AB 3	K2M GROUP HLDGS INC	NOTE 4.125% 8/1	DELETED
48273J 10 7 *	K2M GROUP HLDGS INC	COM	DELETED
48273J 90 7	K2M GROUP HLDGS INC	CALL	DELETED
48273J 95 7	K2M GROUP HLDGS INC	PUT	DELETED
48273U 10 2 *	K12 INC	COM	
48273U 90 2	K12 INC	CALL	
48273U 95 2	K12 INC	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	
48283N 10 6 *	KADMON HLDGS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
48283N 90 6	KADMON HLDGS INC	CALL	
48283N 95 6	KADMON HLDGS INC	PUT	
483007 70 4 *	KAISER ALUMINUM CORP	COM PAR \$0.01	
483007 90 4	KAISER ALUMINUM CORP	CALL	
483007 95 4	KAISER ALUMINUM CORP	PUT	
483119 10 3 *	KALA PHARMACEUTICALS INC	COM	
483119 90 3	KALA PHARMACEUTICALS INC	CALL	
483119 95 3	KALA PHARMACEUTICALS INC	PUT	
483497 10 3	KALVISTA PHARMACEUTICALS INC	COM	
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	
485170 30 2 *	KANSAS CITY SOUTHERN	COM NEW	
485170 90 2	KANSAS CITY SOUTHERN	CALL	
485170 95 2	KANSAS CITY SOUTHERN	PUT	
48562P 10 3 *	KAPSTONE PAPER & PACKAGING C	COM	DELETED
48562P 90 3	KAPSTONE PAPER & PACKAGING C	CALL	DELETED
48562P 95 3	KAPSTONE PAPER & PACKAGING C	PUT	DELETED
48576U 10 6 *	KARYOPHARM THERAPEUTICS INC	COM	
48576U 90 6	KARYOPHARM THERAPEUTICS INC	CALL	
48576U 95 6	KARYOPHARM THERAPEUTICS INC	PUT	
486606 10 6 *	KAYNE ANDERSN MLP MIDS INVT	COM	
486606 90 6	KAYNE ANDERSN MLP MIDS INVT	CALL	
486606 95 6	KAYNE ANDERSN MLP MIDS INVT	PUT	
48661E 10 8	KAYNE ANDERSON MDSTM ENERGY	COM	
48661U 10 2	KAYNE ANDERSON ACQUISITION	COM CL A	DELETED
48661U 11 0	KAYNE ANDERSON ACQUISITION	*W EXP 06/30/202	DELETED
48661U 20 1	KAYNE ANDERSON ACQUISITION	UNIT 06/30/2022	DELETED
48666K AS 8	KB HOME	NOTE 1.375% 2/0	
48666K 10 9 *	KB HOME	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
48666K 90 9	KB HOME	CALL	
48666K 95 9	KB HOME	PUT	
48668E 10 1 *	KCAP FINL INC	COM	
48668E 90 1	KCAP FINL INC	CALL	
48668E 95 1	KCAP FINL INC	PUT	
48669A 10 8 *	KEANE GROUP INC	COM	
48669A 90 8	KEANE GROUP INC	CALL	
48669A 95 8	KEANE GROUP INC	PUT	
48669G 10 5	KAZIA THERAPEUTICS LTD	SPONSORED ADR	
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	
488152 90 7	KELLY SVCS INC	CALL	
488152 95 7	KELLY SVCS INC	PUT	
48826D 20 1	KELSO TECHNOLOGIES INC	COM NEW	
488360 20 7 *	KEMET CORP	COM NEW	
488360 90 7	KEMET CORP	CALL	
488360 95 7	KEMET CORP	PUT	
488401 10 0 *	KEMPER CORP DEL	COM	
488401 90 0	KEMPER CORP DEL	CALL	
488401 95 0	KEMPER CORP DEL	PUT	
488445 AB 3	KEMPHARM INC	NOTE 5.500% 2/0	
488445 10 7 *	KEMPHARM INC	COM	
488445 90 7	KEMPHARM INC	CALL	
488445 95 7	KEMPHARM INC	PUT	
489170 10 0 *	KENNAMETAL INC	COM	
489170 90 0	KENNAMETAL INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
489170 95 0	KENNAMETAL INC	PUT	
489398 10 7 *	KENNEDY-WILSON HLDGS INC	COM	
489398 90 7	KENNEDY-WILSON HLDGS INC	CALL	
489398 95 7	KENNEDY-WILSON HLDGS INC	PUT	
491292 10 8	KENTUCKY FIRST FED BANCORP	COM	
492515 10 1 *	KERYX BIOPHARMACEUTICALS INC	COM	DELETED
492515 90 1	KERYX BIOPHARMACEUTICALS INC	CALL	DELETED
492515 95 1	KERYX BIOPHARMACEUTICALS INC	PUT	DELETED
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	
49309J 10 3 *	KEY ENERGY SVCS INC DEL	COM	
49309J 90 3	KEY ENERGY SVCS INC DEL	CALL	
49309J 95 3	KEY ENERGY SVCS INC DEL	PUT	
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 NEW	COM	
493267 90 8	KEYCORP NEW	CALL	
493267 95 8	KEYCORP NEW	PUT	
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	
493723 AA 8	KEYW HLDG CORP	NOTE 2.500% 7/1	
493723 10 0 *	KEYW HLDG CORP	COM	
493723 90 0	KEYW HLDG CORP	CALL	
493723 95 0	KEYW HLDG CORP	PUT	
493732 10 1 *	KFORCE INC	COM	
493732 90 1	KFORCE INC	CALL	
493732 95 1	KFORCE INC	PUT	
49427F 10 8 *	KILROY RLTY CORP	COM	
49427F 90 8	KILROY RLTY CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
49456B 20 0	KINDER MORGAN INC DEL	PFD SER A	DELETED
494577 10 9 *	KINDRED BIOSCIENCES INC	COM	
494577 90 9	KINDRED BIOSCIENCES INC	CALL	
494577 95 9	KINDRED BIOSCIENCES INC	PUT	
49579A 20 4	KINGOLD JEWELRY INC	COM NEW	
496719 10 5	KINGSTONE COS INC	COM	
496902 40 4 *	KINROSS GOLD CORP	COM NO PAR	
496902 90 4	KINROSS GOLD CORP	CALL	
496902 95 4	KINROSS GOLD CORP	PUT	
496904 20 2	KINGSWAY FINL SVCS INC	COM NEW	
49714P 10 8 *	KINSALE CAP GROUP INC	COM	
49714P 90 8	KINSALE CAP GROUP INC	CALL	
49714P 95 8	KINSALE CAP GROUP INC	PUT	
497266 10 6 *	KIRBY CORP	COM	
497266 90 6	KIRBY CORP	CALL	
497266 95 6	KIRBY CORP	PUT	
49741E 10 0 *	KIRKLAND LAKE GOLD LTD	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
49741E 90 0	KIRKLAND LAKE GOLD LTD	CALL	
49741E 95 0	KIRKLAND LAKE GOLD LTD	PUT	
497498 10 5 *	KIRKLANDS INC	COM	
497498 90 5	KIRKLANDS INC	CALL	
497498 95 5	KIRKLANDS INC	PUT	
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	
49803V 10 7	KITOV PHARMA LTD	SPONSORED ADR	
49803V 11 5	KITOV PHARMA LTD	*W EXP 11/25/202	
498904 20 0 *	KNOLL INC	COM NEW	
498904 90 0	KNOLL INC	CALL	
498904 95 0	KNOLL INC	PUT	
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	
49926D AB 5	KNOWLES CORP	NOTE 3.250%11/0	
49926D 10 9 *	KNOWLES CORP	COM	
49926D 90 9	KNOWLES CORP	CALL	
49926D 95 9	KNOWLES CORP	PUT	
50015M 10 9	KODIAK SCIENCES INC	COM	ADDED
500255 10 4 *	KOHL'S CORP	COM	
500255 90 4	KOHL'S CORP	CALL	
500255 95 4	KOHL'S CORP	PUT	
50047H 20 1 *	KONA GRILL INC	COM	
50047H 90 1	KONA GRILL INC	CALL	
50047H 95 1	KONA GRILL INC	PUT	
500472 30 3 *	KONINKLIJKE PHILIPS N V	NY REG SH NEW	
500472 90 3	KONINKLIJKE PHILIPS N V	CALL	
500472 95 3	KONINKLIJKE PHILIPS N V	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	

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500600 90 1	KOPIN CORP	CALL	
500600 95 1	KOPIN CORP	PUT	
500631 10 6 *	KOREA ELECTRIC PWR	SPONSORED ADR	
500631 90 6	KOREA ELECTRIC PWR	CALL	
500631 95 6	KOREA ELECTRIC PWR	PUT	
500634 20 9	KOREA FD	COM NEW	
500643 20 0 *	KORN FERRY INTL	COM NEW	
500643 90 0	KORN FERRY INTL	CALL	
500643 95 0	KORN FERRY INTL	PUT	
500688 10 6 *	KOSMOS ENERGY LTD	COM	ADDED
500688 90 6	KOSMOS ENERGY LTD	CALL	ADDED
500688 95 6	KOSMOS ENERGY LTD	PUT	ADDED
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 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 CH	
500767 90 5	KRANESHARES TR	CALL	
500767 95 5	KRANESHARES TR	PUT	
500767 70 2	KRANESHARES TR	CHIN COM PAPER	
500767 80 1	KRANESHARES TR	MSCI ALL CHINA	
500767 81 9	KRANESHARES TR	EMERGING MKTS	
500767 82 7	KRANESHARES TR	ELEC VEH FUTUR	
500767 83 5	KRANESHARES TR	MSCI ALL CHINA	
500767 84 3	KRANESHARES TR	CCBS CHINA CP	
500767 85 0	KRANESHARES TR	MSCI CHINA ENV	
500767 86 8	KRANESHARES TR	MSCI ONE BELT	
500767 87 6	KRANESHARES TR	EMRNG MKT CONS	
50077B 20 7 *	KRATOS DEFENSE & SEC SOLUTIO	COM NEW	
50077B 90 7	KRATOS DEFENSE & SEC SOLUTIO	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
50077B 95 7	KRATOS DEFENSE & SEC SOLUTIO	PUT	
50077C 10 6 *	KRATON CORPORATION	COM	
50077C 90 6	KRATON CORPORATION	CALL	
50077C 95 6	KRATON CORPORATION	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	
501147 10 2	KRYSTAL BIOTECH INC	COM	
501242 10 1 *	KULICKE & SOFFA INDS INC	COM	
501242 90 1	KULICKE & SOFFA INDS INC	CALL	
501242 95 1	KULICKE & SOFFA INDS INC	PUT	
50127T 10 9 *	KURA ONCOLOGY INC	COM	
50127T 90 9	KURA ONCOLOGY INC	CALL	
50127T 95 9	KURA ONCOLOGY INC	PUT	
501797 10 4 *	L BRANDS INC	COM	
501797 90 4	L BRANDS INC	CALL	
501797 95 4	L BRANDS INC	PUT	
50181P 10 0 *	LCNB CORP	COM	
50181P 90 0	LCNB CORP	CALL	
50181P 95 0	LCNB CORP	PUT	
50186A 10 8	LGL GROUP INC	COM	
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	
50187A 90 7	LHC GROUP INC	CALL	
50187A 95 7	LHC GROUP INC	PUT	
50187J 10 8 *	LEJU HLDGS LTD	SPONSORED ADS	
50187J 90 8	LEJU HLDGS LTD	CALL	
50187J 95 8	LEJU HLDGS LTD	PUT	
50187T AB 2	LGI HOMES INC	NOTE 4.250%11/1	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
50200K 10 8	LF CAP ACQUISITION CORP	CL A	
50200K 11 6	LF CAP ACQUISITION CORP	*W EXP 06/22/202	
50200K 20 7	LF CAP ACQUISITION CORP	UNIT 06/19/2025	
502074 10 7	LM FDG AMER INC	COM	DELETED
502074 11 5	LM FDG AMER INC	*W EXP 10/31/202	
502074 30 5	LM FDG AMER INC	COM NEW	ADDED
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	
50213V 10 9 *	LRAD CORP	COM	
50213V 90 9	LRAD CORP	CALL	
50213V 95 9	LRAD CORP	PUT	
50216C 10 8 *	LSI INDS INC	COM	
50216C 90 8	LSI INDS INC	CALL	
50216C 95 8	LSI INDS INC	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	
50218P 10 7 *	LSC COMMUNICATIONS INC	COM	
50218P 90 7	LSC COMMUNICATIONS INC	CALL	
50218P 95 7	LSC COMMUNICATIONS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
502413 10 7 *	L3 TECHNOLOGIES INC	COM	
502413 90 7	L3 TECHNOLOGIES INC	CALL	
502413 95 7	L3 TECHNOLOGIES INC	PUT	
503459 60 4 *	LA JOLLA PHARMACEUTICAL CO	COM PAR \$.0001 2	
503459 90 4	LA JOLLA PHARMACEUTICAL CO	CALL	
503459 95 4	LA JOLLA PHARMACEUTICAL CO	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	
50540R AG 7	LABORATORY CORP AMER HLDGS	NOTE	9/1
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	
505743 90 4	LADDER CAP CORP	CALL	
505743 95 4	LADDER CAP CORP	PUT	
50575Q 10 2	LADENBURG THALMAN FIN SVCS I	COM	
50736W 10 5	LAIX INC	ADS	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
51476W 10 7	LANDCADIA HLDGS INC	CL A	DELETED
51476W 11 5	LANDCADIA HLDGS INC	*W EXP 06/01/202	DELETED
51476W 20 6	LANDCADIA HLDGS INC	UNIT 12/31/2021T	DELETED
514766 10 4 *	LANDEC CORP	COM	
514766 90 4	LANDEC CORP	CALL	
514766 95 4	LANDEC CORP	PUT	
51504L 10 7	LANDMARK BANCORP INC	COM	
51508J 10 8 *	LANDMARK INFRASTRUCTURE LP	COM UNIT LTD	
51508J 90 8	LANDMARK INFRASTRUCTURE LP	CALL	
51508J 95 8	LANDMARK INFRASTRUCTURE LP	PUT	
51508J 40 5	LANDMARK INFRASTRUCTURE LP	7% CNV PFD UNT C	
51509F 10 5 *	LANDS END INC NEW	COM	
51509F 90 5	LANDS END INC NEW	CALL	
51509F 95 5	LANDS END INC NEW	PUT	
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	
516012 90 1	LANNET INC	CALL	
516012 95 1	LANNET 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	
516806 10 6 *	LAREDO PETROLEUM INC	COM	
516806 90 6	LAREDO PETROLEUM INC	CALL	
516806 95 6	LAREDO PETROLEUM INC	PUT	
517834 10 7 *	LAS VEGAS SANDS CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
517834 90 7	LAS VEGAS SANDS CORP	CALL	
517834 95 7	LAS VEGAS SANDS CORP	PUT	
517942 10 8 *	LASALLE HOTEL PPTYS	COM SH BEN INT	DELETED
517942 90 8	LASALLE HOTEL PPTYS	CALL	DELETED
517942 95 8	LASALLE HOTEL PPTYS	PUT	DELETED
51817R 10 6 *	LATAM AIRLS GROUP S A	SPONSORED ADR	
51817R 90 6	LATAM AIRLS GROUP S A	CALL	
51817R 95 6	LATAM AIRLS GROUP S A	PUT	
51828C 10 6	LATIN AMERN DISCOVERY FD INC	COM	DELETED
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 20 1	LATTICE STRATEGIES TR	HARTFRD EMRG ETF	
518416 30 0	LATTICE STRATEGIES TR	HARTFRD REIT ETF	
518416 40 9	LATTICE STRATEGIES TR	HARTFORD US EQTY	
518416 50 8	LATTICE STRATEGIES TR	HARTFORD GBL ETF	
518416 60 7	LATTICE STRATEGIES TR	HARTFORD MULTI	
518416 70 6	LATTICE STRATEGIES TR	HARTFORD MULTI	
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	CL A	
518613 90 3	LAUREATE EDUCATION INC	CALL	
518613 95 3	LAUREATE EDUCATION INC	PUT	
520776 10 5	LAWSON PRODS INC	COM	
521050 AB 0	LAYNE CHRISTENSEN CO	NOTE 4.250%11/1	DELETED
521050 AD 6	LAYNE CHRISTENSEN CO	NOTE 8.000% 5/0	
52106W 10 3	LAZARD GLB TTL RET&INCM FD I	COM	
521076 10 9	LAZARD WORLD DIVID & INCOME	COM	
52110H 10 0	LAZYDAYS HLDGS INC	COM	
52177G 10 2 *	LEAF GROUP LTD	COM	
52177G 90 2	LEAF GROUP LTD	CALL	
52177G 95 2	LEAF GROUP LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
523768 10 9 *	LEE ENTERPRISES INC	COM	
523768 90 9	LEE ENTERPRISES INC	CALL	
523768 95 9	LEE ENTERPRISES INC	PUT	
524643 10 3	LEGACY ACQUISITION CORP	COM CL A	
524643 11 1	LEGACY ACQUISITION CORP	*W EXP 11/30/202	
524643 20 2	LEGACY ACQUISITION CORP	UNIT 05/31/2024	
524660 10 7 *	LEGGETT & PLATT INC	COM	
524660 90 7	LEGGETT & PLATT INC	CALL	
524660 95 7	LEGGETT & PLATT INC	PUT	
52468L 10 9	LEGG MASON ETF INVESTMENT TR	DEV EX US ETF	
52468L 20 8	LEGG MASON ETF INVESTMENT TR	EMRG MKT DIV ETF	
52468L 30 7	LEGG MASON ETF INVESTMENT TR	US DIV COR ETF	
52468L 40 6	LEGG MASON ETF INVESTMENT TR	LOW DIVI ETF	
52468L 50 5	LEGG MASON ETF INVESTMENT TR	INT LW VTY HGH	
52468L 60 4	LEGG MASON ETF INVESTMENT TR	EMRG MKTS VOLA	
52468L 70 3	LEGG MASON ETF INVESTMENT TR	GLOBAL INFSTRU	
52468L 81 0	LEGG MASON ETF INVESTMENT TR	WESTN ASET TTL	ADDED
52468L 87 7	LEGG MASON ETF INVESTMENT TR	SML CAP QULITY	
524682 10 1	LEGG MASON ETF INVT TR	CLRBRG GWT ETF	
524682 20 0	LEGG MASON ETF INVT TR	CLEARBRIDEG LR	
524682 30 9	LEGG MASON ETF INVT TR	CLEARBRIDGE DI	
524706 10 8 *	LEGACY RESVS INC	COM	
524706 90 8	LEGACY RESVS INC	CALL	
524706 95 8	LEGACY RESVS INC	PUT	
52471T AF 4	LEGACY RESERVES LP/ LEGACY F	NOTE 8.000% 9/2	
52471Y 10 6 *	LEGACY TEX FINL GROUP INC	COM	
52471Y 90 6	LEGACY TEX FINL GROUP INC	CALL	
52471Y 95 6	LEGACY TEX FINL GROUP INC	PUT	
52472M 10 1	LEGACY HOUSING CORP	COM	ADDED
524901 10 5 *	LEGG MASON INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
524901 90 5	LEGG MASON INC	CALL	
524901 95 5	LEGG MASON INC	PUT	
525327 10 2 *	LEIDOS HLDGS INC	COM	
525327 90 2	LEIDOS HLDGS INC	CALL	
525327 95 2	LEIDOS HLDGS INC	PUT	
52539T 10 7	LEISURE ACQUISITION CORP	COM	
52539T 11 5	LEISURE ACQUISITION CORP	*W EXP 12/05/201	
52539T 20 6	LEISURE ACQUISITION CORP	UNIT 99/99/9999	
525558 20 1 *	LEMAITRE VASCULAR INC	COM	
525558 90 1	LEMAITRE VASCULAR INC	CALL	
525558 95 1	LEMAITRE VASCULAR INC	PUT	
52603A 10 9 *	LENDINGCLUB CORP	COM	
52603A 90 9	LENDINGCLUB CORP	CALL	
52603A 95 9	LENDINGCLUB CORP	PUT	
52603B AA 5	LENDINGTREE INC NEW	NOTE 0.625% 6/0	
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	
526057 90 2	LENNAR CORP	CALL	
526057 95 2	LENNAR CORP	PUT	
526107 10 7 *	LENNOX INTL INC	COM	
526107 90 7	LENNOX INTL INC	CALL	
526107 95 7	LENNOX INTL INC	PUT	
52730D 20 8	LEVEL ONE BANCORP INC	COM	
52730Q 20 9	LEVEL BRANDS INC	COM NEW	
528872 AB 0	LEXICON PHARMACEUTICALS INC	NOTE 5.250%12/0	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
528877 90 3	LEXINFINTech HLDGS LTD	CALL	
528877 95 3	LEXINFINTech HLDGS LTD	PUT	
529043 10 1 *	LEXINGTON REALTY TRUST	COM	
529043 90 1	LEXINGTON REALTY TRUST	CALL	
529043 95 1	LEXINGTON REALTY TRUST	PUT	
529043 30 9	LEXINGTON REALTY TRUST	PFD CONV SER C	
529898 10 8 *	LIBBEY INC	COM	
529898 90 8	LIBBEY INC	CALL	
529898 95 8	LIBBEY INC	PUT	
529900 10 2	LIBERTY ALL-STAR GROWTH FD I	COM	
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	
53046P AB 5	LIBERTY EXPEDIA HOLDINGS	DEB 1.000% 6/3	
53046P 10 9 *	LIBERTY EXPEDIA HOLDINGS	SER A COM	
53046P 90 9	LIBERTY EXPEDIA HOLDINGS	CALL	
53046P 95 9	LIBERTY EXPEDIA HOLDINGS	PUT	
53046P 20 8	LIBERTY EXPEDIA HOLDINGS	SER B COM	
530610 AC 8	LIBERTY INTERACTIVE LLC	DEB 0.750% 3/3	
530715 AG 6	LIBERTY MEDIA CORP	DEB 4.000%11/1	
530715 AL 5	LIBERTY MEDIA CORP	DEB 3.750% 2/1	
530715 AN 1	LIBERTY MEDIA CORP	DEB 3.500% 1/1	
53115L 10 4 *	LIBERTY OILFIELD SVCS INC	COM CL A	
53115L 90 4	LIBERTY OILFIELD SVCS INC	CALL	
53115L 95 4	LIBERTY OILFIELD SVCS INC	PUT	
531172 10 4 *	LIBERTY PPTY TR	SH BEN INT	
531172 90 4	LIBERTY PPTY TR	CALL	
531172 95 4	LIBERTY PPTY TR	PUT	
531229 AB 8	LIBERTY MEDIA CORP DELAWARE	NOTE 1.375%10/1	
531229 AE 2	LIBERTY MEDIA CORP DELAWARE	DEB 2.250% 9/3	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
531229 AF 9	LIBERTY MEDIA CORP DELAWARE	NOTE 1.000% 1/3	
531229 40 9 *	LIBERTY MEDIA CORP DELAWARE	COM A SIRIUSXM	
531229 90 9	LIBERTY MEDIA CORP DELAWARE	CALL	
531229 95 9	LIBERTY MEDIA CORP DELAWARE	PUT	
531229 50 8	LIBERTY MEDIA CORP DELAWARE	COM B SIRIUSXM	
531229 60 7	LIBERTY MEDIA CORP DELAWARE	COM C SIRIUSXM	
531229 70 6 *	LIBERTY MEDIA CORP DELAWARE	COM A BRAVES GRP	
531229 90 6	LIBERTY MEDIA CORP DELAWARE	CALL	
531229 95 6	LIBERTY MEDIA CORP DELAWARE	PUT	
531229 85 4 *	LIBERTY MEDIA CORP DELAWARE	COM SER C FRMLA	
531229 90 4	LIBERTY MEDIA CORP DELAWARE	CALL	
531229 95 4	LIBERTY MEDIA CORP DELAWARE	PUT	
531229 87 0 *	LIBERTY MEDIA CORP DELAWARE	COM SER A FRMLA	
531229 90 0	LIBERTY MEDIA CORP DELAWARE	CALL	
531229 95 0	LIBERTY MEDIA CORP DELAWARE	PUT	
531229 88 8 *	LIBERTY MEDIA CORP DELAWARE	COM C BRAVES GRP	
531229 90 8	LIBERTY MEDIA CORP DELAWARE	CALL	
531229 95 8	LIBERTY MEDIA CORP DELAWARE	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	
531914 10 9	LIFEWAY FOODS INC	COM	
53219L 10 9 *	LIFEPOINT HEALTH INC	COM	DELETED
53219L 90 9	LIFEPOINT HEALTH INC	CALL	DELETED
53219L 95 9	LIFEPOINT HEALTH INC	PUT	DELETED
53220K AD 0	LIGAND PHARMACEUTICALS INC	NOTE 0.750% 8/1	
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	

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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 20 3 *	LIGHTBRIDGE CORP	COM NEW	
53224K 90 3	LIGHTBRIDGE CORP	CALL	
53224K 95 3	LIGHTBRIDGE CORP	PUT	
53225G 10 2 *	LIGHTINTHEBOX HLDG CO LTD	SPONSORED ADR	
53225G 90 2	LIGHTINTHEBOX HLDG CO LTD	CALL	
53225G 95 2	LIGHTINTHEBOX HLDG CO LTD	PUT	
532257 80 5	LIGHTPATH TECHNOLOGIES INC	CL A NEW	
532403 20 1 *	LILIS ENERGY INC	COM NEW	
532403 90 1	LILIS ENERGY INC	CALL	
532403 95 1	LILIS ENERGY INC	PUT	
532457 10 8 *	LILLY ELI & CO	COM	
532457 90 8	LILLY ELI & CO	CALL	
532457 95 8	LILLY ELI & CO	PUT	
53261M 10 4 *	LIMELIGHT NETWORKS INC	COM	
53261M 90 4	LIMELIGHT NETWORKS INC	CALL	
53261M 95 4	LIMELIGHT NETWORKS INC	PUT	
53262L 10 5	LIMESTONE BANCORP INC	COM	
53263P 10 5	LIMBACH HLDGS INC	COM	
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	

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534187 95 9	LINCOLN NATL CORP IND	PUT	
534187 11 7	LINCOLN NATL CORP IND	*W EXP 07/10/201	
535219 10 9	LINDBLAD EXPEDITIONS HLDGS I	COM	
535219 11 7	LINDBLAD EXPEDITIONS HLDGS I	*W EXP 07/08/202	
535555 10 6 *	LINDSAY CORP	COM	
535555 90 6	LINDSAY CORP	CALL	
535555 95 6	LINDSAY CORP	PUT	
53567X 10 1 *	LINE CORP	SPONSORED ADR	
53567X 90 1	LINE CORP	CALL	
53567X 95 1	LINE CORP	PUT	
53577L 10 5 *	LINK MOTION INC	SPONSRD ADS CL A	DELETED
53577L 90 5	LINK MOTION INC	CALL	DELETED
53577L 95 5	LINK MOTION INC	PUT	DELETED
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	
53630X 10 4 *	LIPOCINE INC NEW	COM	
53630X 90 4	LIPOCINE INC NEW	CALL	
53630X 95 4	LIPOCINE INC NEW	PUT	
53632A 10 2	LIQTECH INTL INC	COM	
53634Q 10 5	LIQUID MEDIA GROUP LTD NEW	COM	DELETED
53634Q 20 4	LIQUID MEDIA GROUP LTD NEW	COM NEW	ADDED
53635B 10 7 *	LIQUIDITY SERVICES INC	COM	
53635B 90 7	LIQUIDITY SERVICES INC	CALL	
53635B 95 7	LIQUIDITY SERVICES INC	PUT	
53635D 20 2	LIQUIDIA TECHNOLOGIES INC	COM	
53656F 10 2	LISTED FD TR	EVENTSHS US PLCY	ADDED
536797 10 3 *	LITHIA MTRS INC	CL A	
536797 90 3	LITHIA MTRS INC	CALL	
536797 95 3	LITHIA MTRS INC	PUT	
53680Q 20 7 *	LITHIUM AMERS CORP NEW	COM NEW	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
53680Q 90 7	LITHIUM AMERS CORP NEW	CALL	
53680Q 95 7	LITHIUM AMERS CORP NEW	PUT	
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 AJ 8	LIVE NATION ENTERTAINMENT IN	NOTE 2.500% 5/1	
538034 10 9 *	LIVE NATION ENTERTAINMENT IN	COM	
538034 90 9	LIVE NATION ENTERTAINMENT IN	CALL	
538034 95 9	LIVE NATION ENTERTAINMENT IN	PUT	
53814L 10 8	LIVENT CORP	COM	ADDED
538142 30 8 *	LIVE VENTURES INC	COM NEW	
538142 90 8	LIVE VENTURES INC	CALL	
538142 95 8	LIVE VENTURES INC	PUT	
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	ADDED
53815P 90 8	LIVERAMP HLDGS INC	CALL	ADDED
53815P 95 8	LIVERAMP HLDGS INC	PUT	ADDED
53839L 20 8	LIVEXLIVE MEDIA INC	COM NEW	
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	
539830 10 9 *	LOCKHEED MARTIN CORP	COM	
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	
54142F 10 2	LOGICBIO THERAPEUTICS INC	COM	ADDED
54142L 10 9 *	LOGMEIN INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
54142L 90 9	LOGMEIN INC	CALL	
54142L 95 9	LOGMEIN INC	PUT	
54150E 10 4 *	LOMA NEGRA CORP	SPONSORED ADS	
54150E 90 4	LOMA NEGRA CORP	CALL	
54150E 95 4	LOMA NEGRA CORP	PUT	
54240F 10 3 *	LONESTAR RES US INC	CL A VTG	
54240F 90 3	LONESTAR RES US INC	CALL	
54240F 95 3	LONESTAR RES US INC	PUT	
543518 10 4	LOOP INDS INC	COM	
543881 10 6 *	LORAL SPACE & COMMUNICATNS I	COM	
543881 90 6	LORAL SPACE & COMMUNICATNS I	CALL	
543881 95 6	LORAL SPACE & COMMUNICATNS I	PUT	
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	
548661 10 7 *	LOWES COS INC	COM	
548661 90 7	LOWES COS INC	CALL	
548661 95 7	LOWES COS INC	PUT	
548862 10 1 *	LOXO ONCOLOGY INC	COM	
548862 90 1	LOXO ONCOLOGY INC	CALL	
548862 95 1	LOXO ONCOLOGY INC	PUT	
549282 10 1 *	LUBYS INC	COM	
549282 90 1	LUBYS INC	CALL	
549282 95 1	LUBYS INC	PUT	
550021 10 9 *	LULULEMON ATHLETICA INC	COM	
550021 90 9	LULULEMON ATHLETICA INC	CALL	
550021 95 9	LULULEMON ATHLETICA INC	PUT	
55003T 10 7 *	LUMBER LIQUIDATORS HLDGS INC	COM	
55003T 90 7	LUMBER LIQUIDATORS HLDGS INC	CALL	
55003T 95 7	LUMBER LIQUIDATORS HLDGS INC	PUT	
55024U AB 5	LUMENTUM HLDGS INC	NOTE 0.250% 3/1	
55024U 10 9 *	LUMENTUM HLDGS INC	COM	
55024U 90 9	LUMENTUM HLDGS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
55024U 95 9	LUMENTUM HLDGS INC	PUT	
55027E 10 2 *	LUMINEX CORP DEL	COM	
55027E 90 2	LUMINEX CORP DEL	CALL	
55027E 95 2	LUMINEX CORP DEL	PUT	
550351 10 0	LUNA INNOVATIONS	COM	
550550 10 7	LUTHER BURBANK CORP	COM	
550819 10 6 *	LYDALL INC DEL	COM	
550819 90 6	LYDALL INC DEL	CALL	
550819 95 6	LYDALL INC DEL	PUT	
552074 70 0 *	LYON WILLIAM HOMES	CL A NEW	
552074 90 0	LYON WILLIAM HOMES	CALL	
552074 95 0	LYON WILLIAM HOMES	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	
55261F 11 2	M & T BK CORP	*W EXP 12/23/201	DELETED
55262C 10 0 *	MBIA INC	COM	
55262C 90 0	MBIA INC	CALL	
55262C 95 0	MBIA INC	PUT	
55264U 10 8 *	MB FINANCIAL INC NEW	COM	
55264U 90 8	MB FINANCIAL INC NEW	CALL	
55264U 95 8	MB FINANCIAL INC NEW	PUT	
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	
552697 10 4 *	MDC PARTNERS INC	CL A SUB VTG	
552697 90 4	MDC PARTNERS INC	CALL	
552697 95 4	MDC PARTNERS INC	PUT	
55272X 10 2 *	MFA FINL INC	COM	
55272X 90 2	MFA FINL INC	CALL	
55272X 95 2	MFA FINL INC	PUT	

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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	
55276F 10 7 *	MCBC HLDGS INC	COM	DELETED
55276F 90 7	MCBC HLDGS INC	CALL	DELETED
55276F 95 7	MCBC HLDGS INC	PUT	DELETED
55277P 10 4 *	MGE ENERGY INC	COM	
55277P 90 4	MGE ENERGY INC	CALL	
55277P 95 4	MGE ENERGY INC	PUT	
55277Q 20 1	MAM SOFTWARE GROUP INC	COM NEW	
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	
55303A 10 5 *	MGM GROWTH PPTYS LLC	CL A COM	
55303A 90 5	MGM GROWTH PPTYS LLC	CALL	
55303A 95 5	MGM GROWTH PPTYS LLC	PUT	
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 INSTRUMENT INC	COM	
55306N 90 4	MKS INSTRUMENT INC	CALL	
55306N 95 4	MKS INSTRUMENT INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
55315D 10 5	MMA CAP MGMT LLC	COM	
55328R 10 9	MICT INC	COM	
55336V 10 0 *	MPLX LP	COM UNIT REP LTD	
55336V 90 0	MPLX LP	CALL	
55336V 95 0	MPLX LP	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	
55352L 10 1	MSB FINL CORP NEW	COM	
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	
553573 10 6 *	MSG NETWORK INC	CL A	
553573 90 6	MSG NETWORK INC	CALL	
553573 95 6	MSG NETWORK INC	PUT	
553777 10 3 *	MTS SYS CORP	COM	
553777 90 3	MTS SYS CORP	CALL	
553777 95 3	MTS SYS CORP	PUT	
55378W 10 7	MTECH ACQUISITION CORP	COM CLASS A	
55378W 11 5	MTECH ACQUISITION CORP	*W EXP 08/01/202	
55378W 20 6	MTECH ACQUISITION CORP	UNIT 01/19/2023	
553810 10 2	MVB FINANCIAL CORP	COM	
553829 10 2 *	MVC CAPITAL INC	COM	
553829 90 2	MVC CAPITAL INC	CALL	
553829 95 2	MVC CAPITAL INC	PUT	
553859 10 9 *	MV OIL TR	TR UNITS	
553859 90 9	MV OIL TR	CALL	
553859 95 9	MV OIL TR	PUT	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 10 0 *	MACOM TECH SOLUTIONS HLDGS I	COM	
55405Y 90 0	MACOM TECH SOLUTIONS HLDGS I	CALL	
55405Y 95 0	MACOM TECH SOLUTIONS HLDGS I	PUT	
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 *	MACK CALI RLTY CORP	COM	
554489 90 4	MACK CALI RLTY CORP	CALL	
554489 95 4	MACK CALI RLTY CORP	PUT	
554571 10 9	MACKINAC FINL CORP	COM	
55607W 10 0	MACQUARIE FT TR GB INF UT DI	COM	
55608B AA 3	MACQUARIE INFRASTRUCTURE COR	NOTE	2.875% 7/1
55608B AB 1	MACQUARIE INFRASTRUCTURE COR	NOTE	2.000%10/0
55608B 10 5 *	MACQUARIE INFRASTRUCTURE COR	COM	
55608B 90 5	MACQUARIE INFRASTRUCTURE COR	CALL	
55608B 95 5	MACQUARIE INFRASTRUCTURE COR	PUT	
55608D 10 1	MACQUARIE GLBL INFRA TOTL RE	COM	
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 CVRED CALL & EQ STR	COM	
55825T 10 3 *	MADISON SQUARE GARDEN CO NEW	CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
55825T 90 3	MADISON SQUARE GARDEN CO NEW	CALL	
55825T 95 3	MADISON SQUARE GARDEN CO NEW	PUT	
558268 10 8	MADISON STRTG SECTOR PREM FD	COM	DELETED
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	
559079 20 7 *	MAGELLAN HEALTH INC	COM NEW	
559079 90 7	MAGELLAN HEALTH INC	CALL	
559079 95 7	MAGELLAN HEALTH INC	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	
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	
55932X AB 0	MAGNACHIP SEMICONDUCTOR SA	NOTE 5.000% 3/0	
55933J 20 3 *	MAGNACHIP SEMICONDUCTOR CORP	COM	
55933J 90 3	MAGNACHIP SEMICONDUCTOR CORP	CALL	
55933J 95 3	MAGNACHIP SEMICONDUCTOR CORP	PUT	
55939L 40 0	MAGNEGAS CORP	COM PAR	DELETED
55939M 10 1	MAGNEGAS APPLIED TECHNLOGY SO	COM	ADDED
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	
559663 11 7	MAGNOLIA OIL & GAS CORP	*W EXP 07/31/202	
55977T 10 9	MAGYAR BANCORP INC	COM	
56035L 10 4 *	MAIN STREET CAPITAL CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
56035L 90 4	MAIN STREET CAPITAL CORP	CALL	
56035L 95 4	MAIN STREET CAPITAL CORP	PUT	
56064K 10 0	MAINSTAY MACKAY DEFINDTRM MU	COM	
56068V 10 2	MAJESCO	COM	
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	
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 72 0	MANAGED PORTFOLIO SER	TORTOISE NRAM PI	
56167N 75 3	MANAGED PORTFOLIO SER	TORTOISE GBL WTR	
562750 10 9 *	MANHATTAN ASSOCS INC	COM	
562750 90 9	MANHATTAN ASSOCS INC	CALL	
562750 95 9	MANHATTAN ASSOCS INC	PUT	
562803 10 6	MANHATTAN BRIDGE CAPITAL INC	COM	
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	
56382Q 10 2 *	MANNING & NAPIER INC	CL A	
56382Q 90 2	MANNING & NAPIER INC	CALL	
56382Q 95 2	MANNING & NAPIER INC	PUT	
56400P 70 6 *	MANNKIND CORP	COM NEW	
56400P 90 6	MANNKIND CORP	CALL	
56400P 95 6	MANNKIND CORP	PUT	
56418H 10 0 *	MANPOWERGROUP INC	COM	
56418H 90 0	MANPOWERGROUP INC	CALL	
56418H 95 0	MANPOWERGROUP INC	PUT	
564563 10 4 *	MANTECH INTL CORP	CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
564563 90 4	MANTECH INTL CORP	CALL	
564563 95 4	MANTECH INTL CORP	PUT	
56501R 10 6 *	MANULIFE FINL CORP	COM	
56501R 90 6	MANULIFE FINL CORP	CALL	
56501R 95 6	MANULIFE FINL CORP	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	
56585W 30 2 *	MARATHON PATENT GROUP INC	COM PAR	
56585W 90 2	MARATHON PATENT GROUP INC	CALL	
56585W 95 2	MARATHON PATENT GROUP INC	PUT	
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	
566330 10 6 *	MARCUS CORP	COM	
566330 90 6	MARCUS CORP	CALL	
566330 95 6	MARCUS CORP	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 10 1 *	MARINUS PHARMACEUTICALS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
56854Q 90 1	MARINUS PHARMACEUTICALS INC	CALL	
56854Q 95 1	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	ADDED
57055L 90 7	MARKER THERAPEUTICS INC	CALL	ADDED
57055L 95 7	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	
571157 10 6 *	MARLIN BUSINESS SVCS CORP	COM	
571157 90 6	MARLIN BUSINESS SVCS CORP	CALL	
571157 95 6	MARLIN BUSINESS SVCS CORP	PUT	
57164Y AB 3	MARRIOTT VACATIONS WRLDWDE C	NOTE 1.500% 9/1	ADDED
57164Y 10 7 *	MARRIOTT VACATIONS WRLDWDE C	COM	
57164Y 90 7	MARRIOTT VACATIONS WRLDWDE C	CALL	
57164Y 95 7	MARRIOTT VACATIONS WRLDWDE C	PUT	
57165B 10 6 *	MARRONE BIO INNOVATIONS INC	COM	
57165B 90 6	MARRONE BIO INNOVATIONS INC	CALL	
57165B 95 6	MARRONE BIO INNOVATIONS INC	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
573331 90 5	MARTIN MIDSTREAM PRTNRS L P	CALL	
573331 95 5	MARTIN MIDSTREAM PRTNRS L P	PUT	
574599 10 6 *	MASCO CORP	COM	
574599 90 6	MASCO CORP	CALL	
574599 95 6	MASCO CORP	PUT	
574795 10 0 *	MASIMO CORP	COM	
574795 90 0	MASIMO CORP	CALL	
574795 95 0	MASIMO CORP	PUT	
575385 10 9 *	MASONITE INTL CORP NEW	COM	
575385 90 9	MASONITE INTL CORP NEW	CALL	
575385 95 9	MASONITE INTL CORP NEW	PUT	
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	ADDED
57637H 90 3	MASTERCRAFT BOAT HLDGS INC	CALL	ADDED
57637H 95 3	MASTERCRAFT BOAT HLDGS INC	PUT	ADDED
576485 20 5 *	MATADOR RES CO	COM	
576485 90 5	MATADOR RES CO	CALL	
576485 95 5	MATADOR RES CO	PUT	
57665R 10 6 *	MATCH GROUP INC	COM	
57665R 90 6	MATCH GROUP INC	CALL	
57665R 95 6	MATCH GROUP INC	PUT	
57667T 10 0	MATERIALISE NV	SPONSORED ADS	
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	
57682V 10 6	MATLIN & PARTNERS ACQUISITIO	CL A	DELETED
57682V 11 4	MATLIN & PARTNERS ACQUISITIO	*W EXP 05/28/202	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
57682V 20 5	MATLIN & PARTNERS ACQUISITIO	UNIT 05/28/2021A	DELETED
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	
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	
57772K 10 1 *	MAXIM INTEGRATED PRODS INC	COM	
57772K 90 1	MAXIM INTEGRATED PRODS INC	CALL	
57772K 95 1	MAXIM INTEGRATED PRODS INC	PUT	
57776J 10 0 *	MAXLINEAR INC	COM	
57776J 90 0	MAXLINEAR INC	CALL	
57776J 95 0	MAXLINEAR INC	PUT	
577767 10 6 *	MAXWELL TECHNOLOGIES INC	COM	
577767 90 6	MAXWELL TECHNOLOGIES INC	CALL	
577767 95 6	MAXWELL TECHNOLOGIES INC	PUT	
57778L 10 3 *	MAXAR TECHNOLOGIES LTD	COM	
57778L 90 3	MAXAR TECHNOLOGIES LTD	CALL	
57778L 95 3	MAXAR TECHNOLOGIES LTD	PUT	
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	
57886P 10 3 *	MAZOR ROBOTICS LTD	SPONSORED ADS	DELETED
57886P 90 3	MAZOR ROBOTICS LTD	CALL	DELETED
57886P 95 3	MAZOR ROBOTICS LTD	PUT	DELETED
578877 10 2 *	MBT FINL CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
578877 90 2	MBT FINL CORP	CALL	
578877 95 2	MBT FINL CORP	PUT	
579489 30 3 *	MCCLATCHY CO	CL A NEW	
579489 90 3	MCCLATCHY CO	CALL	
579489 95 3	MCCLATCHY CO	PUT	
579780 10 7 *	MCCORMICK & CO INC	COM VTG	
579780 90 7	MCCORMICK & CO INC	CALL	
579780 95 7	MCCORMICK & CO INC	PUT	
579780 20 6 *	MCCORMICK & CO INC	COM NON VTG	
579780 90 6	MCCORMICK & CO INC	CALL	
579780 95 6	MCCORMICK & CO INC	PUT	
580037 70 3 *	MCDERMOTT INTL INC	COM	
580037 90 3	MCDERMOTT INTL INC	CALL	
580037 95 3	MCDERMOTT INTL INC	PUT	
580135 10 1 *	MCDONALDS CORP	COM	
580135 90 1	MCDONALDS CORP	CALL	
580135 95 1	MCDONALDS CORP	PUT	
58039P 10 7 *	MCEWEN MNG INC	COM	
58039P 90 7	MCEWEN MNG INC	CALL	
58039P 95 7	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	
583840 50 9	MECHEL PAO	SPON ADR PFD	
583840 60 8 *	MECHEL PAO	SPONSORED ADR NE	
583840 90 8	MECHEL PAO	CALL	
583840 95 8	MECHEL PAO	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	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
58409L 30 6	MEDEQUITIES RLTY TR INC	COM	
58463J 30 4 *	MEDICAL PPTYS TRUST INC	COM	
58463J 90 4	MEDICAL PPTYS TRUST INC	CALL	
58463J 95 4	MEDICAL PPTYS TRUST INC	PUT	
58464J 10 5	MEDICAL TRANSCRIPTION BLG CO	COM	
58468P 20 6 *	MEDICINOVA INC	COM NEW	
58468P 90 6	MEDICINOVA INC	CALL	
58468P 95 6	MEDICINOVA INC	PUT	
584688 AE 5	MEDICINES CO	NOTE 2.500% 1/1	
584688 AG 0	MEDICINES CO	NOTE 2.750% 7/1	
584688 10 5 *	MEDICINES CO	COM	
584688 90 5	MEDICINES CO	CALL	
584688 95 5	MEDICINES CO	PUT	
58470H 10 1 *	MEDIFAST INC	COM	
58470H 90 1	MEDIFAST INC	CALL	
58470H 95 1	MEDIFAST INC	PUT	
58471A 10 5 *	MEDIDATA SOLUTIONS INC	COM	
58471A 90 5	MEDIDATA SOLUTIONS INC	CALL	
58471A 95 5	MEDIDATA SOLUTIONS INC	PUT	
58471G 12 8	MEDIGUS LTD	*W EXP 07/23/202	
58471G 30 0	MEDIGUS LTD	SPONSORED ADS	
58502B 10 6 *	MEDNAX INC	COM	
58502B 90 6	MEDNAX INC	CALL	
58502B 95 6	MEDNAX INC	PUT	
58503F 10 6 *	MEDLEY CAP CORP	COM	
58503F 90 6	MEDLEY CAP CORP	CALL	
58503F 95 6	MEDLEY CAP CORP	PUT	
58503T 10 6	MEDLEY MGMT INC	CL A COM	
58506Q 10 9 *	MEDPACE HLDGS INC	COM	
58506Q 90 9	MEDPACE HLDGS INC	CALL	
58506Q 95 9	MEDPACE HLDGS INC	PUT	
58513U 10 1 *	MEET GROUP INC	COM	
58513U 90 1	MEET GROUP INC	CALL	
58513U 95 1	MEET GROUP INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
58518F 10 9	MEGALITH FINL ACQUISITION CO	CL A COM	
58518F 11 7	MEGALITH FINL ACQUISITION CO	*W EXP 08/26/202	
58518F 20 8	MEGALITH FINL ACQUISITION CO	UNIT 09/30/2025	
585464 10 0 *	MELCO RESORT ENTERTAINMENT L	ADR	
585464 90 0	MELCO RESORT ENTERTAINMENT L	CALL	
585464 95 0	MELCO RESORT ENTERTAINMENT L	PUT	
58549G 10 0 *	MELINTA THERAPEUTICS INC	COM	
58549G 90 0	MELINTA THERAPEUTICS INC	CALL	
58549G 95 0	MELINTA THERAPEUTICS INC	PUT	
585553 10 0	MELROSE BANCORP INC	COM	
586858 10 2	MENLO THERAPEUTICS INC	COM	
58733R AB 8	MERCADOLIBRE INC	NOTE 2.250% 7/0	
58733R 10 2 *	MERCADOLIBRE INC	COM	
58733R 90 2	MERCADOLIBRE INC	CALL	
58733R 95 2	MERCADOLIBRE INC	PUT	
58734F 10 7	MERCANTIL BK HLDG CORP	CL A	DELETED
58734F 20 6	MERCANTIL BK HLDG CORP	CL B	DELETED
58734F 30 5	MERCANTIL BK HLDG CORP	CL A NEW	ADDED
58734F 40 4	MERCANTIL BK HLDG CORP	CL B NEW	ADDED
587376 10 4 *	MERCANTILE BANK CORP	COM	
587376 90 4	MERCANTILE BANK CORP	CALL	
587376 95 4	MERCANTILE BANK CORP	PUT	
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	
589378 10 8 *	MERCURY SYS INC	COM	
589378 90 8	MERCURY SYS INC	CALL	
589378 95 8	MERCURY SYS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
589400 10 0 *	MERCURY GENL CORP NEW	COM	
589400 90 0	MERCURY GENL CORP NEW	CALL	
589400 95 0	MERCURY GENL CORP NEW	PUT	
589433 10 1 *	MEREDITH CORP	COM	
589433 90 1	MEREDITH CORP	CALL	
589433 95 1	MEREDITH CORP	PUT	
58958P 10 4	MERIDIAN CORPORATION	COM	
58958U 10 3 *	MERIDIAN BANCORP INC MD	COM	
58958U 90 3	MERIDIAN BANCORP INC MD	CALL	
58958U 95 3	MERIDIAN BANCORP INC MD	PUT	
589584 10 1 *	MERIDIAN BIOSCIENCE INC	COM	
589584 90 1	MERIDIAN BIOSCIENCE INC	CALL	
589584 95 1	MERIDIAN BIOSCIENCE 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	
59001K AC 4	MERITOR INC	NOTE 7.875% 3/0	
59001K AF 7	MERITOR INC	NOTE 3.250%10/1	
59001K 10 0 *	MERITOR INC	COM	
59001K 90 0	MERITOR INC	CALL	
59001K 95 0	MERITOR INC	PUT	
590328 AA 8	MERRIMACK PHARMACEUTICALS IN	NOTE 4.500% 7/1	
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	
590479 13 5 *	MESA AIR GROUP INC	COM NEW	
590479 90 5	MESA AIR GROUP INC	CALL	
590479 95 5	MESA AIR GROUP INC	PUT	
59064R 10 9	MESA LABS INC	COM	
590660 10 6	MESA RTY TR	UNIT BEN INT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 *	META FINL GROUP INC	COM	
59100U 90 8	META FINL GROUP INC	CALL	
59100U 95 8	META FINL GROUP INC	PUT	
59140L 10 0	METAURUS EQUITY COMPONENT TR	US EQT CUM 2027	
59140L 20 9	METAURUS EQUITY COMPONENT TR	US EQT EX 2027	
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	
591774 10 4	METROPOLITAN BK HLDG CORP	COM	
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	
592835 90 2	MEXICO FD INC	CALL	
592835 95 2	MEXICO FD INC	PUT	
59318B 10 8	MFS INVT GRADE MUN TR	SH BEN INT	
59318C 10 6	MFS CALIF MUN FD	COM	
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 INTERMEDIATE HIGH INC FD	SH BEN INT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
59408Q 10 6 *	MICHAELS COS INC	COM	
59408Q 90 6	MICHAELS COS INC	CALL	
59408Q 95 6	MICHAELS COS INC	PUT	
594837 30 4 *	MICRO FOCUS INTERNATIONAL PL	SPON ADR NEW	
594837 90 4	MICRO FOCUS INTERNATIONAL PL	CALL	
594837 95 4	MICRO FOCUS INTERNATIONAL PL	PUT	
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 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 10 4 *	MICROCHIP TECHNOLOGY INC	COM	
595017 90 4	MICROCHIP TECHNOLOGY INC	CALL	
595017 95 4	MICROCHIP TECHNOLOGY INC	PUT	
59503A 20 4	MICROBOT MED INC	COM NEW	
59511X 10 5	MICRON SOLUTIONS INC	COM	
595112 AV 5	MICRON TECHNOLOGY INC	NOTE 2.125% 2/1	
595112 AX 1	MICRON TECHNOLOGY INC	NOTE 3.125% 5/0	
595112 AY 9	MICRON TECHNOLOGY INC	NOTE 3.000%11/1	
595112 10 3 *	MICRON TECHNOLOGY INC	COM	
595112 90 3	MICRON TECHNOLOGY INC	CALL	
595112 95 3	MICRON TECHNOLOGY INC	PUT	
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	
59548Q 10 7	MID SOUTHERN BANCORP INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
59560V 10 9 *	MID CON ENERGY PARTNERS LP	COM UNIT REPST	
59560V 90 9	MID CON ENERGY PARTNERS LP	CALL	
59560V 95 9	MID CON ENERGY PARTNERS LP	PUT	
59564R 10 4 *	MIDATECH PHARMA PLC	SPONSORED ADS	
59564R 90 4	MIDATECH PHARMA PLC	CALL	
59564R 95 4	MIDATECH PHARMA PLC	PUT	
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 WATER CO	COM	
596680 90 8	MIDDLESEX WATER CO	CALL	
596680 95 8	MIDDLESEX WATER CO	PUT	
597742 10 5	MIDLAND STS BANCORP INC ILL	COM	
598039 10 5	MIDSOUTH BANCORP INC	COM	
59804T 40 7 *	MIDSTATES PETE CO INC	COM PAR	
59804T 90 7	MIDSTATES PETE CO INC	CALL	
59804T 95 7	MIDSTATES PETE CO INC	PUT	
598511 10 3	MIDWESTONE FINL GROUP INC NE	COM	
59870L 10 6 *	MILACRON HLDGS CORP	COM	
59870L 90 6	MILACRON HLDGS CORP	CALL	
59870L 95 6	MILACRON HLDGS CORP	PUT	
59935P 20 9	MILESTONE SCIENTIFIC INC	COM NEW	
600379 10 1	MILLER HOWARDHIGH INC EQTY	COM SHS BEN IN	
60040X 10 3 *	MILLENDO THERAPEUTICS INC	COM	ADDED
60040X 90 3	MILLENDO THERAPEUTICS INC	CALL	ADDED
60040X 95 3	MILLENDO THERAPEUTICS INC	PUT	ADDED
600544 10 0 *	MILLER HERMAN INC	COM	
600544 90 0	MILLER HERMAN INC	CALL	
600544 95 0	MILLER HERMAN 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	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
602496 90 1	MIMEDX GROUP INC	CALL	DELETED
602496 95 1	MIMEDX GROUP INC	PUT	DELETED
60255W 10 5 *	MINDBODY INC	COM CL A	
60255W 90 5	MINDBODY INC	CALL	
60255W 95 5	MINDBODY INC	PUT	
602675 10 0 *	MINDRAY MEDICAL INTL LTD	SPON ADR	
602675 90 0	MINDRAY MEDICAL INTL LTD	CALL	
602675 95 0	MINDRAY MEDICAL INTL LTD	PUT	
603158 10 6 *	MINERALS TECHNOLOGIES INC	COM	
603158 90 6	MINERALS TECHNOLOGIES INC	CALL	
603158 95 6	MINERALS TECHNOLOGIES INC	PUT	
603380 10 6 *	MINERVA NEUROSCIENCES INC	COM	
603380 90 6	MINERVA NEUROSCIENCES INC	CALL	
603380 95 6	MINERVA NEUROSCIENCES INC	PUT	
60463E 10 3	MIRAGEN THERAPEUTICS INC	COM	
60468T 10 5 *	MIRATI THERAPEUTICS INC	COM	
60468T 90 5	MIRATI THERAPEUTICS INC	CALL	
60468T 95 5	MIRATI THERAPEUTICS INC	PUT	
604871 10 3	MISONIX INC	COM	
60649T 10 7 *	MISTRAS GROUP INC	COM	
60649T 90 7	MISTRAS GROUP INC	CALL	
60649T 95 7	MISTRAS GROUP INC	PUT	
606501 10 4 *	MITCHAM INDS INC	COM	
606501 90 4	MITCHAM INDS INC	CALL	
606501 95 4	MITCHAM INDS INC	PUT	
60671Q 10 4 *	MITEL NETWORKS CORP	COM	DELETED
60671Q 90 4	MITEL NETWORKS CORP	CALL	DELETED
60671Q 95 4	MITEL NETWORKS CORP	PUT	DELETED
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 *	MITSUBISHI UFJ FINL GROUP IN	SPONSORED ADS	
606822 90 4	MITSUBISHI UFJ FINL GROUP IN	CALL	
606822 95 4	MITSUBISHI UFJ FINL GROUP IN	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
60687Y 10 9 *	MIZUHO FINL GROUP INC	SPONSORED ADR	
60687Y 90 9	MIZUHO FINL GROUP INC	CALL	
60687Y 95 9	MIZUHO FINL GROUP INC	PUT	
60688N 10 2	MIX TELEMATICS LTD	SPONSORED ADR	
60739U 20 4 *	MOBILEIRON INC	COM NEW	
60739U 90 4	MOBILEIRON INC	CALL	
60739U 95 4	MOBILEIRON INC	PUT	
60740F 10 5 *	MOBILE MINI INC	COM	
60740F 90 5	MOBILE MINI INC	CALL	
60740F 95 5	MOBILE MINI INC	PUT	
607409 10 9 *	MOBILE TELESYSTEMS PJSC	SPONSORED ADR	
607409 90 9	MOBILE TELESYSTEMS PJSC	CALL	
607409 95 9	MOBILE TELESYSTEMS PJSC	PUT	
607525 10 2 *	MODEL N INC	COM	
607525 90 2	MODEL N INC	CALL	
607525 95 2	MODEL N INC	PUT	
60765P 10 3	MODERN MEDIA ACQUISITION	COM	
60765P 11 1	MODERN MEDIA ACQUISITION	*W EXP 05/17/202	
60765P 12 9	MODERN MEDIA ACQUISITION	RIGHT 99/99/9999	
60765P 20 2	MODERN MEDIA ACQUISITION	UNIT 99/99/9999	
60770K 10 7 *	MODERNA INC	COM	ADDED
60770K 90 7	MODERNA INC	CALL	ADDED
60770K 95 7	MODERNA INC	PUT	ADDED
607828 10 0 *	MODINE MFG CO	COM	
607828 90 0	MODINE MFG CO	CALL	
607828 95 0	MODINE MFG CO	PUT	
60786L AB 3	MODUSLINK GLOBAL SOLUTIONS I	NOTE 5.250% 3/0	
60786M 10 5 *	MOELIS & CO	CL A	
60786M 90 5	MOELIS & CO	CALL	
60786M 95 5	MOELIS & CO	PUT	
608008 10 8	MOGO FIN TECHNOLOGY INC	COM	
608012 10 0	MOGU INC	SPON ADS	ADDED
608190 10 4 *	MOHAWK INDS INC	COM	
608190 90 4	MOHAWK INDS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
608190 95 4	MOHAWK INDS INC	PUT	
60855D 10 1	MOLECULIN BIOTECH INC	COM	
60855R AC 4	MOLINA HEALTHCARE INC	NOTE 1.125% 1/1	
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 BREWING CO	CL A	
60871R 20 9 *	MOLSON COORS BREWING CO	CL B	
60871R 90 9	MOLSON COORS BREWING CO	CALL	
60871R 95 9	MOLSON COORS BREWING CO	PUT	
60877T 10 0 *	MOMENTA PHARMACEUTICALS INC	COM	
60877T 90 0	MOMENTA PHARMACEUTICALS INC	CALL	
60877T 95 0	MOMENTA PHARMACEUTICALS INC	PUT	
60879B 10 7 *	MOMO INC	ADR	
60879B 90 7	MOMO INC	CALL	
60879B 95 7	MOMO INC	PUT	
609011 20 0	MONAKER GROUP INC	COM NEW	
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 10 6 *	MONGODB INC	CL A	
60937P 90 6	MONGODB INC	CALL	
60937P 95 6	MONGODB INC	PUT	
609720 10 7 *	MONMOUTH REAL ESTATE INVT CO	CL A	
609720 90 7	MONMOUTH REAL ESTATE INVT CO	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
609720 95 7	MONMOUTH REAL ESTATE INVT CO	PUT	
609839 10 5 *	MONOLITHIC PWR SYS INC	COM	
609839 90 5	MONOLITHIC PWR SYS INC	CALL	
609839 95 5	MONOLITHIC PWR SYS INC	PUT	
61022P 10 0 *	MONOTYPE IMAGING HOLDINGS IN	COM	
61022P 90 0	MONOTYPE IMAGING HOLDINGS IN	CALL	
61022P 95 0	MONOTYPE IMAGING HOLDINGS IN	PUT	
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	
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	
61744G 10 7	MORGAN STANLEY EMER MKTS FD	COM	
61744H 10 5	MORGAN STANLEY EMER MKTS DEB	COM	
61744U 10 6	MORGAN STANLEY ASIA PAC 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 INVS FD	COM	
61745C 90 5	MORGAN STANLEY INDIA INVS FD	CALL	
61745C 95 5	MORGAN STANLEY INDIA INVS FD	PUT	
617468 10 3 *	MORGAN STANLEY CHINA A SH FD	COM	
617468 90 3	MORGAN STANLEY CHINA A SH FD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
617468 95 3	MORGAN STANLEY CHINA A SH FD	PUT	
61747W 25 7	MORGAN STANLEY	RENMIN/USD ETN	
61747W 26 5	MORGAN STANLEY	RUPEE/USD ETN	
617477 10 4	MORGAN STANLEY EM MKTS DM DE	COM	
617480 27 2	MORGAN STANLEY	LNG EURO ETN20	
617480 28 0	MORGAN STANLEY	SHRT EUR ETN20	
61760E 84 6	MORGAN STANLEY	CUSHNG MLP ETN	
617700 10 9 *	MORNINGSTAR INC	COM	
617700 90 9	MORNINGSTAR INC	CALL	
617700 95 9	MORNINGSTAR INC	PUT	
617760 20 2	MORPHOSYS AG	SPONSORED ADS	
61945C 10 3 *	MOSAIC CO NEW	COM	
61945C 90 3	MOSAIC CO NEW	CALL	
61945C 95 3	MOSAIC CO NEW	PUT	
61946M 10 0	MOSAIC ACQUISITION CORP	COM CL A	ADDED
61946M 11 8	MOSAIC ACQUISITION CORP	*W EXP 10/23/202	ADDED
61946M 20 9	MOSAIC ACQUISITION CORP	UNIT 99/99/9999	ADDED
619718 20 8 *	MOSYS INC	COM NEW	
619718 90 8	MOSYS INC	CALL	
619718 95 8	MOSYS INC	PUT	
619784 10 1	MOTIF BIO PLC	SPONSORED ADR	
619784 11 9	MOTIF BIO PLC	*W EXP 11/09/202	
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	
62014P 10 8	MOTUS GI HLDGS INC	COM	
62426E 40 2	MOUNTAIN PROV DIAMONDS INC	COM NEW	
624580 10 6 *	MOVADO GROUP INC	COM	
624580 90 6	MOVADO GROUP INC	CALL	
624580 95 6	MOVADO GROUP INC	PUT	
624697 20 7	MOXIAN INC	COM NEW	

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624745 10 5	MUDRICK CAP ACQUISITION CORP	COM CLASS A	
624745 11 3	MUDRICK CAP ACQUISITION CORP	*W EXP 02/12/202	
624745 20 4	MUDRICK CAP ACQUISITION CORP	UNIT 02/01/2023	
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	ADDED
62482R 90 7	MR COOPER GROUP INC	CALL	ADDED
62482R 95 7	MR COOPER GROUP INC	PUT	ADDED
625383 10 4 *	MULTI COLOR CORP	COM	
625383 90 4	MULTI COLOR CORP	CALL	
625383 95 4	MULTI COLOR CORP	PUT	
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	
62818Q 10 4 *	MUSTANG BIO INC	COM	
62818Q 90 4	MUSTANG BIO INC	CALL	
62818Q 95 4	MUSTANG BIO INC	PUT	
62844N 10 9	MY SIZE INC	COM	
62845B 10 4	MUTUALFIRST FINL 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	
62857J 10 2	MYOMO INC	COM	
62857M 10 5 *	MYOKARDIA INC	COM	

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62857M 90 5	MYOKARDIA INC	CALL	
62857M 95 5	MYOKARDIA INC	PUT	
62857N 11 1	MYND ANALYTICS INC	*W EXP 06/29/202	
62857N 20 2	MYND ANALYTICS INC	COM NEW	
62857P 10 8	MYOS RENS TECHNOLOGY INC	COM	
628778 10 2 *	NBT BANCORP INC	COM	
628778 90 2	NBT BANCORP INC	CALL	
628778 95 2	NBT BANCORP INC	PUT	
628852 20 4 *	NCI BUILDING SYS INC	COM NEW	
628852 90 4	NCI BUILDING SYS INC	CALL	
628852 95 4	NCI BUILDING SYS INC	PUT	
62886E 10 8 *	NCR CORP NEW	COM	
62886E 90 8	NCR CORP NEW	CALL	
62886E 95 8	NCR CORP NEW	PUT	
628877 10 2	NCS MULTISTAGE HLDGS INC	COM	
629076 10 0	NEBULA ACQUISITION CORP	COM CLASS A	
629076 11 8	NEBULA ACQUISITION CORP	*W EXP 03/12/202	
629076 20 9	NEBULA ACQUISITION CORP	UNIT 03/12/2025	
629099 30 0	NF ENERGY SAVING CORP	COM PAR	
62913F 50 8 *	NII HLDGS INC	COM PAR	
62913F 90 8	NII HLDGS INC	CALL	
62913F 95 8	NII HLDGS INC	PUT	
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	
62914B 10 0 *	NIC INC	COM	
62914B 90 0	NIC INC	CALL	
62914B 95 0	NIC INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
629209 30 5 *	NMI HLDGS INC	CL A	
629209 90 5	NMI HLDGS INC	CALL	
629209 95 5	NMI HLDGS INC	PUT	
629337 10 6 *	NN INC	COM	
629337 90 6	NN INC	CALL	
629337 95 6	NN INC	PUT	
629375 10 6	NRC GROUP HLDGS CORP	COM	ADDED
629375 11 4	NRC GROUP HLDGS CORP	*W EXP 10/17/202	ADDED
629377 50 8 *	NRG ENERGY INC	COM NEW	
629377 90 8	NRG ENERGY INC	CALL	
629377 95 8	NRG ENERGY INC	PUT	
629410 60 6	NTN BUZZTIME INC	COM PAR	
62944T 10 5	NVR INC	COM	
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	
62952Q AB 6	NXP SEMICONDUCTORS N V	NOTE 1.000%12/0	
62957H AB 1	NABORS INDS INC NEW	NOTE 0.750% 1/1	
629579 10 3	NACCO INDS INC	CL A	
630077 10 5 *	NANOMETRICS INC	COM	
630077 90 5	NANOMETRICS INC	CALL	
630077 95 5	NANOMETRICS INC	PUT	
63008G 10 4	NANO DIMENSION LTD	SPONS ADR	
63008J 10 8	NANOVIBRONIX INC	COM	
630087 20 3 *	NANOVIRICIDES INC	COM NEW	
630087 90 3	NANOVIRICIDES INC	CALL	
630087 95 3	NANOVIRICIDES INC	PUT	
63009R 10 9 *	NANOSTRING TECHNOLOGIES INC	COM	
63009R 90 9	NANOSTRING TECHNOLOGIES INC	CALL	
63009R 95 9	NANOSTRING TECHNOLOGIES INC	PUT	
630104 AB 3	NANTHEALTH INC	NOTE 5.500%12/1	
630104 10 7 *	NANTHEALTH INC	COM	
630104 90 7	NANTHEALTH INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
630104 95 7	NANTHEALTH INC	PUT	
63016Q 10 2 *	NANTKWEST INC	COM	
63016Q 90 2	NANTKWEST INC	CALL	
63016Q 95 2	NANTKWEST INC	PUT	
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 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	
63245Q 10 5	NATIONAL AMERN UNIV HLDGS IN	COM	
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	
63546L 10 2	NATIONAL COMM CORP	COM	
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 N J	COM	
636180 90 1	NATIONAL FUEL GAS CO N J	CALL	
636180 95 1	NATIONAL FUEL GAS CO N J	PUT	
636220 30 3 *	NATIONAL GEN HLDGS CORP	COM	
636220 90 3	NATIONAL GEN HLDGS CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
636220 95 3	NATIONAL GEN HLDGS CORP	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 AE 4	NATIONAL HEALTH INVS INC	NOTE 3.250% 4/0	
63633D 10 4 *	NATIONAL HEALTH INVS INC	COM	
63633D 90 4	NATIONAL HEALTH INVS INC	CALL	
63633D 95 4	NATIONAL HEALTH INVS INC	PUT	
636375 11 5	NATIONAL HOLDINGS CORP	*W EXP 01/18/202	
636375 20 6	NATIONAL HOLDINGS CORP	COM NEW	
636518 10 2 *	NATIONAL INSTRS CORP	COM	
636518 90 2	NATIONAL INSTRS CORP	CALL	
636518 95 2	NATIONAL INSTRS CORP	PUT	
637071 10 1 *	NATIONAL OILWELL VARCO INC	COM	
637071 90 1	NATIONAL OILWELL VARCO INC	CALL	
637071 95 1	NATIONAL OILWELL VARCO INC	PUT	
637215 10 4	NATIONAL PRESTO INDS INC	COM	
637372 20 2	NATIONAL RESH CORP	COM NEW	
637417 10 6 *	NATIONAL RETAIL PPTYS INC	COM	
637417 90 6	NATIONAL RETAIL PPTYS INC	CALL	
637417 95 6	NATIONAL RETAIL PPTYS INC	PUT	
637546 10 2	NATIONAL SEC GROUP INC	COM	
637870 10 6 *	NATIONAL STORAGE AFFILIATES	COM SHS BEN IN	
637870 90 6	NATIONAL STORAGE AFFILIATES	CALL	
637870 95 6	NATIONAL STORAGE AFFILIATES	PUT	
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 10 9	NATIXIS ETF TR	SEEBYOND INTL ETF	
63873X 20 8	NATIXIS ETF TR	LOOMIS SAYLES	
638842 30 2	NATURAL ALTERNATIVES INTL IN	COM NEW	
63886Q 10 9 *	NATURAL GAS SERVICES GROUP	COM	
63886Q 90 9	NATURAL GAS SERVICES GROUP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
63886Q 95 9	NATURAL GAS SERVICES GROUP	PUT	
63888P 40 6 *	NATURAL HEALTH TRENDS CORP	COM PAR \$.001	
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	
638901 30 6	NAVISTAR INTL CORP	PFD SR D CONV	
638904 10 2 *	NAVIGATORS GROUP INC	COM	
638904 90 2	NAVIGATORS GROUP INC	CALL	
638904 95 2	NAVIGATORS GROUP INC	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 PRODUCTS IN	COM	
639027 90 1	NATURES SUNSHINE PRODUCTS IN	CALL	
639027 95 1	NATURES SUNSHINE PRODUCTS IN	PUT	
63905A 10 1	NATUZZI S P A	ADR	
639050 10 3 *	NATUS MEDICAL INC DEL	COM	
639050 90 3	NATUS MEDICAL INC DEL	CALL	
639050 95 3	NATUS MEDICAL INC DEL	PUT	
63910B 10 2 *	NAUTILUS INC	COM	
63910B 90 2	NAUTILUS INC	CALL	
63910B 95 2	NAUTILUS INC	PUT	
63934E AQ 1	NAVISTAR INTL CORP NEW	NOTE 4.500%10/1	DELETED
63934E AS 7	NAVISTAR INTL CORP NEW	NOTE 4.750% 4/1	
63934E 10 8 *	NAVISTAR INTL CORP NEW	COM	
63934E 90 8	NAVISTAR INTL CORP NEW	CALL	
63934E 95 8	NAVISTAR INTL CORP NEW	PUT	
63935N 10 7 *	NAVIGANT CONSULTING INC	COM	
63935N 90 7	NAVIGANT CONSULTING INC	CALL	
63935N 95 7	NAVIGANT CONSULTING INC	PUT	
63937X 10 3 *	NAVIDEA BIOPHARMACEUTICALS I	COM	
63937X 90 3	NAVIDEA BIOPHARMACEUTICALS I	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
63937X 95 3	NAVIDEA BIOPHARMACEUTICALS I	PUT	
63938C 10 8 *	NAVIENT CORPORATION	COM	
63938C 90 8	NAVIENT CORPORATION	CALL	
63938C 95 8	NAVIENT CORPORATION	PUT	
63938Y 10 0	NAVIOS MARITIME HLDGS INC	SPN ADR RP PFD G	
63938Y 30 8	NAVIOS MARITIME HLDGS INC	SPON ADR PFD H	
640079 10 9 *	NEENAH INC	COM	
640079 90 9	NEENAH INC	CALL	
640079 95 9	NEENAH INC	PUT	
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 10 9	NEMAURA MED INC	COM	
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	
64050Y 10 0	NEON THERAPEUTICS INC	COM	
64051M 40 2 *	NEONODE INC	COM NEW	DELETED
64051M 90 2	NEONODE INC	CALL	DELETED
64051M 95 2	NEONODE INC	PUT	DELETED
64051M 70 9 *	NEONODE INC	COM PAR	ADDED
64051M 90 9	NEONODE INC	CALL	ADDED
64051M 95 9	NEONODE INC	PUT	ADDED
64051T 10 0 *	NEOPHOTONICS CORP	COM	
64051T 90 0	NEOPHOTONICS CORP	CALL	
64051T 95 0	NEOPHOTONICS CORP	PUT	
64052L 10 6 *	NEOS THERAPEUTICS INC	COM	
64052L 90 6	NEOS THERAPEUTICS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
64052L 95 6	NEOS THERAPEUTICS INC	PUT	
64065J 20 5	NEOVASC INC	COM NEW	
64079L 10 5 *	NEPTUNE WELLNESS SOLUTIONS I	COM	
64079L 90 5	NEPTUNE WELLNESS SOLUTIONS I	CALL	
64079L 95 5	NEPTUNE WELLNESS SOLUTIONS I	PUT	
64107N 20 6 *	NET 1 UEPS TECHNOLOGIES INC	COM NEW	
64107N 90 6	NET 1 UEPS TECHNOLOGIES INC	CALL	
64107N 95 6	NET 1 UEPS 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 ADR	
64110W 90 2	NETEASE INC	CALL	
64110W 95 2	NETEASE INC	PUT	
64111Q 10 4 *	NETGEAR INC	COM	
64111Q 90 4	NETGEAR INC	CALL	
64111Q 95 4	NETGEAR INC	PUT	
64111Q 12 0	NETGEAR INC	WHEN ISSUED	ADDED
64111R 30 0	NET ELEMENT INC	COM PAR	
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	
64121N 10 9	NETWORK 1 TECHNOLOGIES INC	COM	
64123C 10 1	NEUBERGER BRMAN CLIFRN MUNI	COM	
64124K 10 2	NEUBERGER BRMAN NY MUNI FD I	COM	
64124P 10 1	NEUBERGER BERMAN MUNI FD INC	COM	
64125C AD 1	NEUROCRINE BIOSCIENCES INC	NOTE 2.250% 5/1	
64125C 10 9 *	NEUROCRINE BIOSCIENCES INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
64125C 90 9	NEUROCRINE BIOSCIENCES INC	CALL	
64125C 95 9	NEUROCRINE BIOSCIENCES INC	PUT	
641255 19 5	NEUROMETRIX INC	*W EXP 05/29/202	
641255 70 8	NEUROMETRIX INC	COM PAR	
64126Q 20 6 *	NEVADA GOLD & CASINOS INC	COM NEW	
64126Q 90 6	NEVADA GOLD & CASINOS INC	CALL	
64126Q 95 6	NEVADA GOLD & CASINOS INC	PUT	
64127R 40 1 *	NEURALSTEM INC	COM NEW	
64127R 90 1	NEURALSTEM INC	CALL	
64127R 95 1	NEURALSTEM INC	PUT	
64128C 10 6	NEUBERGER BERMAN HGH YLD FD	COM	
64129H 10 4	NEUBERGER BERMAN MLP INCOME	COM	
64129T 20 7 *	NEUROTROPE INC	COM NEW	
64129T 90 7	NEUROTROPE INC	CALL	
64129T 95 7	NEUROTROPE INC	PUT	
64131A 10 5	NEURONETICS INC	COM	
64156L 10 1 *	NEVSUN RES LTD	COM	
64156L 90 1	NEVSUN RES LTD	CALL	
64156L 95 1	NEVSUN RES LTD	PUT	
64157F AA 1	NEVRO CORP	NOTE 1.750% 6/0	
64157F 10 3 *	NEVRO CORP	COM	
64157F 90 3	NEVRO CORP	CALL	
64157F 95 3	NEVRO CORP	PUT	
64157V 10 8 *	NEW AGE BEVERAGES CORP	COM	
64157V 90 8	NEW AGE BEVERAGES CORP	CALL	
64157V 95 8	NEW AGE BEVERAGES CORP	PUT	
641876 80 0	NEW AMER HIGH INCOME FD INC	COM NEW	
64190A 10 3	NEUBERGER BERMAN RE ES SEC F	COM	
643611 10 6	NEW CONCEPT ENERGY INC	COM	
644206 10 4	NEW ENGLAND RLTY ASSOC LTD P	DEPOSITRY RCPT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
645370 10 7	NEW HOME CO INC	COM	
645673 10 4	NEW IRELAND FUND INC	COM	
646025 10 6 *	NEW JERSEY RES	COM	
646025 90 6	NEW JERSEY RES	CALL	
646025 95 6	NEW JERSEY RES	PUT	
64704V 10 6 *	NEW MEDIA INVT GROUP INC	COM	
64704V 90 6	NEW MEDIA INVT GROUP INC	CALL	
64704V 95 6	NEW MEDIA INVT GROUP INC	PUT	
647551 AB 6	NEW MTN FIN CORP	NOTE 5.000% 6/1	
647551 AC 4	NEW MTN FIN CORP	NOTE 5.750% 8/1	
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 10 7 *	NEW ORIENTAL ED & TECH GRP I	SPON ADR	
647581 90 7	NEW ORIENTAL ED & TECH GRP I	CALL	
647581 95 7	NEW ORIENTAL ED & TECH GRP I	PUT	
64828T 20 1 *	NEW RESIDENTIAL INVT CORP	COM NEW	
64828T 90 1	NEW RESIDENTIAL INVT CORP	CALL	
64828T 95 1	NEW RESIDENTIAL INVT CORP	PUT	
64829B 10 0 *	NEW RELIC INC	COM	
64829B 90 0	NEW RELIC INC	CALL	
64829B 95 0	NEW RELIC INC	PUT	
648691 10 3 *	NEW SR INVT GROUP INC	COM	
648691 90 3	NEW SR INVT GROUP INC	CALL	
648691 95 3	NEW SR INVT GROUP INC	PUT	
649295 10 2 *	NEW YORK & CO INC	COM	DELETED
649295 90 2	NEW YORK & CO INC	CALL	DELETED
649295 95 2	NEW YORK & CO INC	PUT	DELETED
64944P 30 7	NEW YORK CMNTY CAP TR V	UNIT 11/01/2051	
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 AD 7	NEW YORK MTG TR INC	NOTE 6.250% 1/1	
649604 50 1 *	NEW YORK MTG TR INC	COM PAR \$.02	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
649604 90 1	NEW YORK MTG TR INC	CALL	
649604 95 1	NEW YORK MTG TR INC	PUT	
649604 80 8	NEW YORK MTG TR INC	PFD-C CONV	
64976L 20 8 *	NEW YORK REIT INC	COM NEW	DELETED
64976L 90 8	NEW YORK REIT INC	CALL	DELETED
64976L 95 8	NEW YORK REIT INC	PUT	DELETED
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	
651229 10 6 *	NEWELL BRANDS INC	COM	
651229 90 6	NEWELL BRANDS INC	CALL	
651229 95 6	NEWELL BRANDS INC	PUT	
651290 10 8 *	NEWFIELD EXPL CO	COM	
651290 90 8	NEWFIELD EXPL CO	CALL	
651290 95 8	NEWFIELD EXPL CO	PUT	
651511 10 7 *	NEWLINK GENETICS CORP	COM	
651511 90 7	NEWLINK GENETICS CORP	CALL	
651511 95 7	NEWLINK GENETICS CORP	PUT	
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 MINING CORP	COM	
651639 90 6	NEWMONT MINING CORP	CALL	
651639 95 6	NEWMONT MINING 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
65249B 90 8	NEWS CORP NEW	CALL	
65249B 95 8	NEWS CORP NEW	PUT	
652526 20 3 *	NEWTEK BUSINESS SVCS CORP	COM NEW	
652526 90 3	NEWTEK BUSINESS SVCS CORP	CALL	
652526 95 3	NEWTEK BUSINESS SVCS CORP	PUT	
65336K 10 3 *	NEXSTAR MEDIA GROUP INC	CL A	
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 82 0	NEXTERA ENERGY INC	UNIT 09/01/2019	
65340G 20 5	NEXPOINT STRATEGIC OPORTUNT	COM NEW	
65340P 10 6	NEXGEN ENERGY LTD	COM	
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	
65342H 10 2	NEXEO SOLUTIONS INC	COM SHS	
65342H 11 0	NEXEO SOLUTIONS INC	*W EXP 06/09/202	
65342H 20 1	NEXEO SOLUTIONS INC	UNIT 06/11/2019	
65342K 10 5	NEXTDECADE CORP	COM	
65342T 10 6	NI HLDGS INC	COM	
65343C 10 2 *	NEXTGEN HEALTHCARE INC	COM	
65343C 90 2	NEXTGEN HEALTHCARE INC	CALL	
65343C 95 2	NEXTGEN HEALTHCARE INC	PUT	
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 FINANCIAL INC	COM NEW	
65406E 10 2	NICOLET BANKSHARES INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
654106 10 3 *	NIKE INC	CL B	
654106 90 3	NIKE INC	CALL	
654106 95 3	NIKE INC	PUT	
65413A 10 1	NIGHTSTAR THERAPEUTICS PLC	ADR	
65441V 10 1 *	NINE ENERGY SVC INC	COM	
65441V 90 1	NINE ENERGY SVC INC	CALL	
65441V 95 1	NINE ENERGY SVC INC	PUT	
65473P 10 5 *	NISOURCE INC	COM	
65473P 90 5	NISOURCE INC	CALL	
65473P 95 5	NISOURCE INC	PUT	
65481N 10 0	NIU TECHNOLOGIES	ADS	ADDED
65487K 10 0 *	NLIGHT INC	COM	
65487K 90 0	NLIGHT INC	CALL	
65487K 95 0	NLIGHT 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	
65500B 10 3 *	NOBILIS HEALTH CORP	COM	
65500B 90 3	NOBILIS HEALTH CORP	CALL	
65500B 95 3	NOBILIS HEALTH CORP	PUT	
655044 10 5 *	NOBLE ENERGY INC	COM	
655044 90 5	NOBLE ENERGY INC	CALL	
655044 95 5	NOBLE ENERGY INC	PUT	
65506L 10 5 *	NOBLE MIDSTREAM PARTNERS LP	COM UNIT REPST	
65506L 90 5	NOBLE MIDSTREAM PARTNERS LP	CALL	
65506L 95 5	NOBLE MIDSTREAM PARTNERS LP	PUT	
65535H 20 8 *	NOMURA HLDGS INC	SPONSORED ADR	
65535H 90 8	NOMURA HLDGS INC	CALL	
65535H 95 8	NOMURA HLDGS INC	PUT	
65539A CG 3	NOMURA AMER FIN LLC	MTNF 0.125% 1/2	
65540B 10 5 *	NOODLES & CO	COM CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
65540B 90 5	NOODLES & CO	CALL	
65540B 95 5	NOODLES & CO	PUT	
65548P 40 3 *	NORBORD INC	COM NEW	
65548P 90 3	NORBORD INC	CALL	
65548P 95 3	NORBORD INC	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 SOUTHERN CORP	COM	
655844 90 8	NORFOLK SOUTHERN CORP	CALL	
655844 95 8	NORFOLK SOUTHERN CORP	PUT	
656553 10 4	NORTECH SYS INC	COM	
656811 10 6 *	NORTH AMERICAN CONST	COM	
656811 90 6	NORTH AMERICAN CONST	CALL	
656811 95 6	NORTH AMERICAN CONST	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	
663904 20 9	NORTHEAST BANCORP	COM NEW	
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	
66538H 53 4	NORTHERN LTS FD TR IV	INSPIRE 100ETF	
66538H 56 7	NORTHERN LTS FD TR IV	FRMLAFLIO SMRT	
66538H 57 5	NORTHERN LTS FD TR IV	FRMLAFLIO TACT	
66538H 58 3	NORTHERN LTS FD TR IV	SAGE ESG INTER	
66538H 59 1	NORTHERN LTS FD TR IV	MAIN SECTR ROTN	
66538H 63 3	NORTHERN LTS FD TR IV	INSPIRE CORP	
66538H 64 1	NORTHERN LTS FD TR IV	INSPIRE SMAL ETF	
66538H 65 8	NORTHERN LTS FD TR IV	INSPIRE GBL HOPE	
66538H 66 6	NORTHERN LTS FD TR IV	FRMLAFOLIOS TATL	

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66538H 67 4	NORTHERN LTS FD TR IV	FORMULA FOLIOS	
66538H 68 2	NORTHERN LTS FD TR IV	QUTX RSK MNDRE	DELETED
66538H 69 0	NORTHERN LTS FD TR IV	QUTX DYAMIC BT	
66538H 71 6	NORTHERN LTS FD TR IV	QUTX RSK MGDML	
66538H 72 4	NORTHERN LTS FD TR IV	QUTX RSK MGDML	DELETED
66538H 73 2	NORTHERN LTS FD TR IV	QUTX RSK MNDGW	
665531 10 9 *	NORTHERN OIL & GAS INC NEV	COM	
665531 90 9	NORTHERN OIL & GAS INC NEV	CALL	
665531 95 9	NORTHERN OIL & GAS INC NEV	PUT	
665809 10 9	NORTHERN TECH INTL CORP	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	
666807 90 2	NORTHROP GRUMMAN CORP	CALL	
666807 95 2	NORTHROP GRUMMAN CORP	PUT	
66706L 10 1 *	NORTHSTAR REALTY EUROPE CORP	COM	
66706L 90 1	NORTHSTAR REALTY EUROPE CORP	CALL	
66706L 95 1	NORTHSTAR REALTY EUROPE CORP	PUT	
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	ADDED
66765N 90 5	NORTHWEST NAT HLDG CO	CALL	ADDED
66765N 95 5	NORTHWEST NAT HLDG CO	PUT	ADDED
667655 10 4 *	NORTHWEST NAT GAS CO	COM	DELETED
667655 90 4	NORTHWEST NAT GAS CO	CALL	DELETED
667655 95 4	NORTHWEST NAT GAS CO	PUT	DELETED
667746 10 1 *	NORTHWEST PIPE CO	COM	
667746 90 1	NORTHWEST PIPE CO	CALL	

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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	
669549 10 7	NORWOOD FINANCIAL CORP	COM	
66979P 10 2 *	NOVA LIFESTYLE INC	COM	
66979P 90 2	NOVA LIFESTYLE INC	CALL	
66979P 95 2	NOVA LIFESTYLE INC	PUT	
66987E 20 6 *	NOVAGOLD RES INC	COM NEW	
66987E 90 6	NOVAGOLD RES INC	CALL	
66987E 95 6	NOVAGOLD RES INC	PUT	
66987P 20 1	NOVABAY PHARMACEUTICALS INC	COM NEW	
66987V 10 9 *	NOVARTIS A G	SPONSORED ADR	
66987V 90 9	NOVARTIS A G	CALL	
66987V 95 9	NOVARTIS A G	PUT	
66988N 10 6 *	NOVAN INC	COM	
66988N 90 6	NOVAN INC	CALL	
66988N 95 6	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	
670002 10 4 *	NOVAVAX INC	COM	
670002 90 4	NOVAVAX INC	CALL	
670002 95 4	NOVAVAX INC	PUT	
670008 AD 3	NOVELLUS SYS INC	NOTE 2.625% 5/1	
67001K 20 2 *	NOVELION THERAPEUTICS INC	COM NEW	
67001K 90 2	NOVELION THERAPEUTICS INC	CALL	
67001K 95 2	NOVELION THERAPEUTICS INC	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	
67011N 10 5 *	NOVUS THERAPEUTICS INC	COM	
67011N 90 5	NOVUS THERAPEUTICS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67011N 95 5	NOVUS THERAPEUTICS INC	PUT	
67011P 10 0 *	NOW INC	COM	
67011P 90 0	NOW INC	CALL	
67011P 95 0	NOW INC	PUT	
67012D 10 6	NOVUME SOLUTIONS INC	COM	
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	
67020Y AF 7	NUANCE COMMUNICATIONS INC	NOTE 2.750%11/0	
67020Y AG 5	NUANCE COMMUNICATIONS INC	DEBT 1.500%11/0	
67020Y AK 6	NUANCE COMMUNICATIONS INC	DCV 1.000%12/1	
67020Y AN 0	NUANCE COMMUNICATIONS INC	NOTE 1.250% 4/0	
67020Y 10 0 *	NUANCE COMMUNICATIONS INC	COM	
67020Y 90 0	NUANCE COMMUNICATIONS INC	CALL	
67020Y 95 0	NUANCE COMMUNICATIONS INC	PUT	
67022C 10 6	NUCANA PLC	SPONSORED ADR	
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 10 8 *	NUTANIX INC	CL A	
67059N 90 8	NUTANIX INC	CALL	
67059N 95 8	NUTANIX INC	PUT	
6706EB 10 6	NUVEEN CALIF MUNICIPAL VALU F	COM	
6706EN 10 0	NUVEEN FLTNG RTE INCM OPP FD	COM SHS	
6706EP 10 5	NUVEEN DIVERSIFIED DIV INCM	COM	
6706ER 10 1	NUVEEN S&P 500 BUY-WRITE INC	COM	
6706EW 10 0	NUVEEN S&P 500 DYN OVERWRITE	COM	
67060D 10 7	NUVEEN CONNECTICUT QLT MUN	COM	
67060P 10 0	NUVEEN NORTH CAROLINA QLT M	COM	
67060Q 10 8	NUVEEN MISSOURI QLT MUN INC	COM	
67061E 10 4	NUVEEN MASSACHUSETTS QLT MUN	COM	

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67061Q 10 7	NUVEEN MARYLAND QLT MUN INC	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 CALIF MUN VALUE FD	COM	
67062F 10 0	NUVEEN SELECT TAX FREE INCM	SH BEN INT	
67062J 10 2	NUVEEN MUN INCOME FD INC	COM	
67062M 10 5	NUVEEN NY MUN VALUE FD	COM	
67063C 10 6	NUVEEN SELECT TAX FREE INCM	SH BEN INT	
67063R 10 3	NUVEEN CA SELECT TAX FREE PR	SH BEN INT	
67063V 10 4	NUVEEN NY SELECT TAX FREE PR	SH BEN INT	
67063X 10 0	NUVEEN SELECT TAX FREE INCM	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 AC 8	NVIDIA CORP	NOTE 1.000%12/0	DELETED
67066G 10 4 *	NVIDIA CORP	COM	
67066G 90 4	NVIDIA CORP	CALL	
67066G 95 4	NVIDIA CORP	PUT	
67066V 10 1	NUVEEN QUALITY MUNCPL INCOME	COM	
67066X 10 7	NUVEEN NEW YORK QLT MUN INC	COM	
67066Y 10 5	NUVEEN CA QUALTY MUN INCOME	COM	
67067Y 10 4	NUVEEN SR INCOME FD	COM	
670671 10 6	NUVEEN INTER DURATION MN TMF	COM	
670677 10 3	NUVEEN INT DUR QUAL MUN TRM	COM	
670682 10 3	NUVEEN MUN HIGH INCOME OPP F	COM	
670687 10 2	NUVEEN MUN 2021 TARGET TERM	COM	
67069D 10 8 *	NUTRI SYS INC NEW	COM	
67069D 90 8	NUTRI SYS INC NEW	CALL	
67069D 95 8	NUTRI SYS INC NEW	PUT	
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	

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670702 10 9	NUVEEN NEW JERSEY MUN VALUE	SHS	
670704 AG 0	NUVASIVE INC	NOTE 2.250% 3/1	
670704 10 5 *	NUVASIVE INC	COM	
670704 90 5	NUVASIVE INC	CALL	
670704 95 5	NUVASIVE INC	PUT	
670706 10 0	NUVEEN NEW YORK MUN VALUE FD	COM	
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 & INCM SECURTIES	COM	
67072T 10 8	NUVEEN FLOATING RATE INCOME	COM	
67072V 10 3 *	NXSTAGE MEDICAL INC	COM	
67072V 90 3	NXSTAGE MEDICAL INC	CALL	
67072V 95 3	NXSTAGE MEDICAL INC	PUT	
67073B 10 6	NUVEEN PFD & INCM OPPORTNYS	COM	
67073D 10 2	NUVEEN CR STRATEGIES INCM FD	COM SHS	
67073G 10 5	NUVEEN TAX ADVANTAGED DIV GR	COM	
670734 10 2	NUVEEN MINESOTA QLT MUN INC	SHS	
670735 10 9	NUVEEN MTG OPPORTUNITY TERM	COM	
67074C 10 3	NUVEEN TAXABLE MUNICPL INCM	COM	
67074K 10 5	NUVEEN PA MUN VALUE FD	COM	
67074M 10 1	NUVEEN ENHANCED MUN VALUE FD	COM	
67074Q 10 2	NUVEEN BUILD AMER BD OPPTNY	COM	DELETED
67074R 10 0	NUVEEN MTG OPPTY TERM FD 2	COM	
67074U 10 3	NUVEEN ENERGY MLP TOTL RTRNF	COM	
67074X 10 7	NUVEEN SHT DUR CR OPP FD	COM	
67074Y 10 5	NUVEEN REAL ASSET INM AND GW	COM	
67075A 10 6	NUVEEN PFD & INCOME TERM FD	COM	
67075E 10 8	NUVEEN ALL CAP ENE MLP OPPO	COM	
67075F 10 5	NUVEEN DOW 30 DYN OVERWRITE	SHS	
67075G 10 3	NUVEEN GLOBAL HIGH INCOME FD	SHS	
67075J 10 7	NUVEEN MULTI MKT INCOME FD	COM	
67075L 10 2	NUVEEN HIGH INCOME 2020 TARG	COM	
67075N 10 8 *	NUVECTRA CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67075N 90 8	NUVECTRA CORP	CALL	
67075N 95 8	NUVECTRA CORP	PUT	
67075P 10 3	NUVEEN HGH INC DEC18 TRGT TR	COM	DELETED
67075T 10 5	NUVEEN PFD & INCOME 2022 TER	COM	
67075U 10 2	NUVEEN CR OPPORTUNITIES 2022	COM	
67076E 10 7	NUVEEN HIGH INCOME DECMBR 20	COM	
67077M 10 8 *	NUTRIEN LTD	COM	
67077M 90 8	NUTRIEN LTD	CALL	
67077M 95 8	NUTRIEN LTD	PUT	
67077N 10 6	NUVEEN HIGH INCOME NOVEMBER	COM	
67077P 10 1	NUVEEN EMERGING MKTS DEBT 20	COM	
67079F 10 1	NUVEEN HIGH INCOME 2023 TARG	COM	ADDED
670837 10 3 *	OGE ENERGY CORP	COM	
670837 90 3	OGE ENERGY CORP	CALL	
670837 95 3	OGE ENERGY CORP	PUT	
670851 50 0	OI S A	SPONSORED ADR NE	
67090H 10 2	NUVEEN TX ADV TOTAL RET STRG	COM	
67090X 10 7	NUVEEN CORE EQUITY ALPHA FUN	COM	
67091J 12 3	NXT ID INC	*W EXP 02/09/201	
67091J 20 6 *	NXT ID INC	COM NEW	
67091J 90 6	NXT ID INC	CALL	
67091J 95 6	NXT ID INC	PUT	
67091K 30 2	NUVERRA ENVIRONMENTAL SOLUTI	COM PAR	
67091U 10 2 *	OHA INVT CORP	COM	
67091U 90 2	OHA INVT CORP	CALL	
67091U 95 2	OHA INVT CORP	PUT	
67092P 10 2	NUSHARES ETF TR	ENHANCED YIELD	
67092P 11 0	NUSHARES ETF TR	ENHANCD 1 5 YR	
67092P 20 1	NUSHARES ETF TR	ESG LARGE CAP	
67092P 30 0	NUSHARES ETF TR	ESG LRG VALUE	
67092P 40 9	NUSHARES ETF TR	ESG MID CAP GWTH	
67092P 50 8	NUSHARES ETF TR	ESG MID VALUE	
67092P 60 7	NUSHARES ETF TR	ESG SMALL CAP	
67092P 70 6	NUSHARES ETF TR	SHORT TERM REIT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67092P 80 5	NUSHARES ETF TR	ESG INTL DEVEL	
67092P 87 0	NUSHARES ETF TR	ESG US AGGRGTE	
67092P 88 8	NUSHARES ETF TR	ESG EMERGING	
670928 10 0	NUVEEN MUN VALUE FD INC	COM	
670972 10 8	NUVEEN PENNSYLVANIA QLT MUN	COM	
670979 10 3	NUVEEN MICHIGAN QLT MUN INC	COM	
670980 10 1	NUVEEN OHIO QLT MUN INCOME	COM	
670983 10 5	NUVEEN TEXAS QLT MUN INCME	COM	
67103B 10 0	OFS CAP CORP	COM	
67103H 10 7 *	O REILLY AUTOMOTIVE INC NEW	COM	
67103H 90 7	O REILLY AUTOMOTIVE INC NEW	CALL	
67103H 95 7	O REILLY AUTOMOTIVE INC NEW	PUT	
67103X 10 2 *	OFG BANCORP	COM	
67103X 90 2	OFG BANCORP	CALL	
67103X 95 2	OFG BANCORP	PUT	
671044 AD 7	OSI SYSTEMS INC	NOTE 1.250% 9/0	
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 LTD	SPONS ADR	
67107W 90 0	O2MICRO INTERNATIONAL LTD	CALL	
67107W 95 0	O2MICRO INTERNATIONAL LTD	PUT	
67109R 10 9	OP BANCORP	COM	
67110P 10 0	OSI ETF TR	OSHARES FTSE	
67110P 20 9	OSI ETF TR	OSHARES FTSE	DELETED
67110P 40 7 *	OSI ETF TR	OSHARS FTSE US	
67110P 90 7	OSI ETF TR	CALL	
67110P 95 7	OSI ETF TR	PUT	
67110P 50 6	OSI ETF TR	OSHARES FTSE EUR	
67110P 60 5	OSI ETF TR	OSHARES FTSE ASI	DELETED
67110P 70 4	OSI ETF TR	OSHS GBL INTER	
67111Q 10 7	OFS CREDIT COMPANY INC	COM	ADDED
671807 10 5	OAK VALLEY BANCORP OAKDALE C	COM	
674001 20 1 *	OAKTREE CAP GROUP LLC	UNIT CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
674001 90 1	OAKTREE CAP GROUP LLC	CALL	
674001 95 1	OAKTREE CAP GROUP LLC	PUT	
67401P 10 8 *	OAKTREE SPECIALTY LENDING CO	COM	
67401P 90 8	OAKTREE SPECIALTY LENDING CO	CALL	
67401P 95 8	OAKTREE SPECIALTY LENDING CO	PUT	
67402D 10 4 *	OAKTREE STRATEGIC INCOME COR	COM	
67402D 90 4	OAKTREE STRATEGIC INCOME COR	CALL	
67402D 95 4	OAKTREE STRATEGIC INCOME COR	PUT	
67420T 20 6	OASIS MIDSTREAM PARTNERS LP	COM UNITS REPS	
67421W 10 9	OASMIA PHARMACEUTICAL AB	ADR	
674215 AJ 7	OASIS PETE INC NEW	NOTE 2.625% 9/1	
674215 10 8 *	OASIS PETE INC NEW	COM	
674215 90 8	OASIS PETE INC NEW	CALL	
674215 95 8	OASIS PETE INC NEW	PUT	
67424L 10 0 *	OBALON THERAPEUTICS INC	COM	
67424L 90 0	OBALON THERAPEUTICS INC	CALL	
67424L 95 0	OBALON THERAPEUTICS INC	PUT	
674482 10 4 *	OBSIDIAN ENERGY LTD	COM	
674482 90 4	OBSIDIAN ENERGY LTD	CALL	
674482 95 4	OBSIDIAN ENERGY LTD	PUT	
674599 10 5 *	OCCIDENTAL PETE CORP DEL	COM	
674599 90 5	OCCIDENTAL PETE CORP DEL	CALL	
674599 95 5	OCCIDENTAL PETE CORP DEL	PUT	
674631 10 6	OCEAN BIO CHEM INC	COM	
674870 40 7 *	OCEAN PWR TECHNOLOGIES INC	COM PAR	
674870 90 7	OCEAN PWR TECHNOLOGIES INC	CALL	
674870 95 7	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	
67551U 10 5 *	OCH ZIFF CAP MGMT GROUP	CL A	

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67551U 90 5	OCH ZIFF CAP MGMT GROUP	CALL	
67551U 95 5	OCH ZIFF CAP MGMT GROUP	PUT	
67555N 20 6 *	OCLARO INC	COM NEW	DELETED
67555N 90 6	OCLARO INC	CALL	DELETED
67555N 95 6	OCLARO INC	PUT	DELETED
675607 10 5	OCONEE FED FINL CORP	COM	
675746 30 9 *	OCWEN FINL CORP	COM NEW	
675746 90 9	OCWEN FINL CORP	CALL	
675746 95 9	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	
676079 10 6	ODONATE THERAPEUTICS INC	COM	
676118 20 1 *	ODYSSEY MARINE EXPLORATION I	COM NEW	
676118 90 1	ODYSSEY MARINE EXPLORATION I	CALL	
676118 95 1	ODYSSEY MARINE EXPLORATION I	PUT	
676220 10 6 *	OFFICE DEPOT INC	COM	
676220 90 6	OFFICE DEPOT INC	CALL	
676220 95 6	OFFICE DEPOT INC	PUT	
677719 10 6	OHIO VY BANC CORP	COM	
67778H 20 0 *	OHR PHARMACEUTICAL INC	COM NEW	
67778H 90 0	OHR PHARMACEUTICAL INC	CALL	
67778H 95 0	OHR PHARMACEUTICAL INC	PUT	
677864 10 0	OIL DRI CORP AMER	COM	
678026 10 5 *	OIL STS INTL INC	COM	
678026 90 5	OIL STS INTL INC	CALL	
678026 95 5	OIL STS INTL INC	PUT	
679295 10 5 *	OKTA INC	CL A	
679295 90 5	OKTA INC	CALL	
679295 95 5	OKTA INC	PUT	
679580 10 0 *	OLD DOMINION FGHT LINES INC	COM	
679580 90 0	OLD DOMINION FGHT LINES INC	CALL	
679580 95 0	OLD DOMINION FGHT LINES INC	PUT	
67984M 10 0	OLD LINE BANCSHARES INC	COM	

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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	
680665 20 5 *	OLIN CORP	COM PAR \$1	
680665 90 5	OLIN CORP	CALL	
680665 95 5	OLIN CORP	PUT	
681116 10 9 *	OLLIES BARGAIN OUTLT HLDGS I	COM	
681116 90 9	OLLIES BARGAIN OUTLT HLDGS I	CALL	
681116 95 9	OLLIES BARGAIN OUTLT HLDGS I	PUT	
68162K 10 6 *	OLYMPIC STEEL INC	COM	
68162K 90 6	OLYMPIC STEEL INC	CALL	
68162K 95 6	OLYMPIC STEEL INC	PUT	
681904 AL 2	OMNICARE INC	DBCV 3.250%12/1	
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	
682129 10 1 *	OMNOVA SOLUTIONS INC	COM	
682129 90 1	OMNOVA SOLUTIONS INC	CALL	
682129 95 1	OMNOVA SOLUTIONS INC	PUT	
68213N 10 9 *	OMNICELL INC	COM	
68213N 90 9	OMNICELL INC	CALL	
68213N 95 9	OMNICELL INC	PUT	
682143 10 2 *	OMEROS CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
682143 90 2	OMEROS CORP	CALL	
682143 95 2	OMEROS CORP	PUT	
682163 10 0 *	ON DECK CAP INC	COM	
682163 90 0	ON DECK CAP INC	CALL	
682163 95 0	ON DECK CAP INC	PUT	
682189 AK 1	ON SEMICONDUCTOR CORP	NOTE 1.000%12/0	
682189 AP 0	ON SEMICONDUCTOR CORP	NOTE 1.625%10/1	
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 11 6	ONCONOVA THERAPEUTICS INC	*W EXP 07/11/202	
68232V 40 5	ONCONOVA THERAPEUTICS INC	COM PAR	
68234L 20 7	ONCOSEC MED INC	COM NEW	
68234X 10 2 *	ONCOMED PHARMACEUTICALS INC	COM	
68234X 90 2	ONCOMED PHARMACEUTICALS INC	CALL	
68234X 95 2	ONCOMED PHARMACEUTICALS INC	PUT	
68235B 10 9 *	180 DEGREE CAP CORP	COM	
68235B 90 9	180 DEGREE CAP CORP	CALL	
68235B 95 9	180 DEGREE CAP CORP	PUT	
68235C 10 7	ONCOCYTE CORPORATION	COM	
68235H 30 4	ONE HORIZON GROUP INC	COM PAR	
68235M 10 5	ONCOBIOLOGICS INC	COM	DELETED
68235M 11 3	ONCOBIOLOGICS INC	*W EXP 02/18/201	DELETED
68235P 10 8 *	ONE GAS INC	COM	
68235P 90 8	ONE GAS INC	CALL	
68235P 95 8	ONE GAS INC	PUT	
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 *	FLWS/1-800 FLOWERS	CL A	
68243Q 90 6	FLWS/1-800 FLOWERS	CALL	
68243Q 95 6	FLWS/1-800 FLOWERS	PUT	
68244P 10 7	1347 PPTY INS HLDGS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68247Q 10 2	111 INC	ADS	
68247W 10 9	ONE STOP SYS INC	COM	
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	
68276W 10 3	ONESMART INTL ED GROUP LTD	SPONSORED ADS	
68287N 10 0 *	ONESPAN INC	COM	
68287N 90 0	ONESPAN INC	CALL	
68287N 95 0	ONESPAN INC	PUT	
683416 10 1 *	OOMA INC	COM	
683416 90 1	OOMA INC	CALL	
683416 95 1	OOMA INC	PUT	
683715 10 6 *	OPEN TEXT CORP	COM	
683715 90 6	OPEN TEXT CORP	CALL	
683715 95 6	OPEN TEXT CORP	PUT	
68373L 12 5	OPGEN INC	*W EXP 05/08/202	
68373L 20 8	OPGEN INC	COM NEW	
68373M 10 7	OPERA LTD	SPONSORED ADS	
68373P 10 0	OPES ACQUISITION CORP	COM	
68373P 11 8	OPES ACQUISITION CORP	*W EXP 03/13/202	
68373P 20 9	OPES ACQUISITION CORP	UNIT 03/07/2023	
683745 10 3 *	OPHTHOTECH CORP	COM	
683745 90 3	OPHTHOTECH CORP	CALL	
683745 95 3	OPHTHOTECH CORP	PUT	
68375N AB 9	OPKO HEALTH INC	DEBT 3.000% 2/0	
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	
683797 10 4 *	OPPENHEIMER HLDGS INC	CL A NON VTG	
683797 90 4	OPPENHEIMER HLDGS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
683797 95 4	OPPENHEIMER HLDGS INC	PUT	
683827 20 8	OPTICAL CABLE CORP	COM NEW	
68386C 10 4 *	OPPENHEIMER ETF TR	S&P 500 REVENUE	
68386C 90 4	OPPENHEIMER ETF TR	CALL	
68386C 95 4	OPPENHEIMER ETF TR	PUT	
68386C 11 2	OPPENHEIMER ETF TR	RUSL 2000 DYNM	
68386C 20 3 *	OPPENHEIMER ETF TR	S&P MDCP 400 REV	
68386C 90 3	OPPENHEIMER ETF TR	CALL	
68386C 95 3	OPPENHEIMER ETF TR	PUT	
68386C 30 2 *	OPPENHEIMER ETF TR	S&P SMALLCAP 600	
68386C 90 2	OPPENHEIMER ETF TR	CALL	
68386C 95 2	OPPENHEIMER ETF TR	PUT	
68386C 40 1	OPPENHEIMER ETF TR	S&P ULTRA DIVIDE	
68386C 65 8	OPPENHEIMER ETF TR	RUSL 1000 VALU	
68386C 66 6	OPPENHEIMER ETF TR	RUSL 1000 LOW	
68386C 67 4	OPPENHEIMER ETF TR	RUSL 1000 QTLY	
68386C 68 2	OPPENHEIMER ETF TR	RUSL 1000 MOMT	
68386C 69 0	OPPENHEIMER ETF TR	RUSL 1000 SIZE	
68386C 71 6	OPPENHEIMER ETF TR	RUSL 1000 YIEL	
68386C 72 4	OPPENHEIMER ETF TR	RUSL 1000 DYNM	
68386C 73 2	OPPENHEIMER ETF TR	INTL ULTRA DIV	
68386C 74 0	OPPENHEIMER ETF TR	EMERGING MKTS	
68386C 75 7	OPPENHEIMER ETF TR	INTERNATNL REV	
68386C 76 5	OPPENHEIMER ETF TR	GLOBAL REV	
68386C 77 3	OPPENHEIMER ETF TR	ESG REV ETF	
68386C 78 1	OPPENHEIMER ETF TR	GLOBAL ESG ETF	
68386C 80 7	OPPENHEIMER ETF TR	S&P FINCIAL REVE	
68386C 86 4	OPPENHEIMER ETF TR	EMERGING MKT	
68389X 10 5 *	ORACLE CORP	COM	
68389X 90 5	ORACLE CORP	CALL	
68389X 95 5	ORACLE CORP	PUT	
684000 10 2 *	OPUS BK IRVINE CALIF	COM	
684000 90 2	OPUS BK IRVINE CALIF	CALL	
684000 95 2	OPUS BK IRVINE CALIF	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68401P 40 3	OPTIMUMBANK HOLDINGS INC	COM	
68401U 20 4	OPTIMIZERX CORP	COM NEW	
684023 30 2	ORAGENICS INC	COM PAR	
68403P 20 3 *	ORAMED PHARM INC	COM NEW	
68403P 90 3	ORAMED PHARM INC	CALL	
68403P 95 3	ORAMED PHARM INC	PUT	
68404V 10 0	OPTINOSE INC	COM	
684060 10 6 *	ORANGE	SPONSORED ADR	
684060 90 6	ORANGE	CALL	
684060 95 6	ORANGE	PUT	
68554V 10 8 *	ORASURE TECHNOLOGIES INC	COM	
68554V 90 8	ORASURE TECHNOLOGIES INC	CALL	
68554V 95 8	ORASURE TECHNOLOGIES INC	PUT	
68555P 10 0 *	ORBCOMM INC	COM	
68555P 90 0	ORBCOMM INC	CALL	
68555P 95 0	ORBCOMM INC	PUT	
68570P 10 1	ORCHARD THERAPEUTICS PLC	ADS	ADDED
68571X 10 3 *	ORCHID IS CAP INC	COM	
68571X 90 3	ORCHID IS CAP INC	CALL	
68571X 95 3	ORCHID IS CAP INC	PUT	
68572N 10 4 *	ORCHIDS PAPER PRODS CO DEL	COM	
68572N 90 4	ORCHIDS PAPER PRODS CO DEL	CALL	
68572N 95 4	ORCHIDS PAPER PRODS CO DEL	PUT	
68619K 20 4	ORGENESIS INC	COM NEW	
68620A 10 4 *	ORGANOVO HLDGS INC	COM	
68620A 90 4	ORGANOVO HLDGS INC	CALL	
68620A 95 4	ORGANOVO HLDGS INC	PUT	
68621F 10 2	ORGANOGENESIS HLDGS INC	COM	ADDED
68621F 11 0	ORGANOGENESIS HLDGS INC	*W EXP 10/07/202	ADDED
68621T 10 2	ORIGIN BANCORP INC	COM	
686275 10 8 *	ORION ENERGY SYSTEMS INC	COM	
686275 90 8	ORION ENERGY SYSTEMS INC	CALL	
686275 95 8	ORION ENERGY SYSTEMS INC	PUT	
68628V 30 8 *	ORION GROUP HOLDINGS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68628V 90 8	ORION GROUP HOLDINGS INC	CALL	
68628V 95 8	ORION GROUP HOLDINGS INC	PUT	
68633D 10 3 *	ORITANI FINL CORP DEL	COM	
68633D 90 3	ORITANI FINL CORP DEL	CALL	
68633D 95 3	ORITANI FINL CORP DEL	PUT	
686330 10 1	ORIX CORP	SPONSORED ADR	
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	
68752L 10 0	ORTHOPEDIATRICS CORP	COM	
68752M 10 8 *	ORTHOFIX MED INC	COM	
68752M 90 8	ORTHOFIX MED INC	CALL	
68752M 95 8	ORTHOFIX MED 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	
68827R 10 8 *	OSIRIS THERAPEUTICS INC NEW	COM	
68827R 90 8	OSIRIS THERAPEUTICS INC NEW	CALL	
68827R 95 8	OSIRIS THERAPEUTICS INC NEW	PUT	
688410 20 8	OSSEN INNOVATION CO LTD	SPONSORED ADR NE	
688823 30 1 *	OTELCO INC	CL A NEW	
688823 90 1	OTELCO INC	CALL	
688823 95 1	OTELCO INC	PUT	
68906L 10 5 *	OTONOMY INC	COM	
68906L 90 5	OTONOMY INC	CALL	
68906L 95 5	OTONOMY INC	PUT	
689195 10 5	OTTAWA BANCORP INC	COM	
689648 10 3 *	OTTER TAIL CORP	COM	
689648 90 3	OTTER TAIL CORP	CALL	
689648 95 3	OTTER TAIL CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69007J 10 6 *	OUTFRONT MEDIA INC	COM	
69007J 90 6	OUTFRONT MEDIA INC	CALL	
69007J 95 6	OUTFRONT MEDIA INC	PUT	
69012T 10 7	OUTLOOK THERAPEUTICS INC	COM	ADDED
69012T 11 5	OUTLOOK THERAPEUTICS INC	*W EXP 02/18/201	ADDED
69014Q 10 1 *	OVASCIENCE INC	COM	DELETED
69014Q 90 1	OVASCIENCE INC	CALL	DELETED
69014Q 95 1	OVASCIENCE INC	PUT	DELETED
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	
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	
690768 40 3 *	OWENS ILL INC	COM NEW	
690768 90 3	OWENS ILL INC	CALL	
690768 95 3	OWENS ILL INC	PUT	
690828 10 8	OWENS RLTY MTG INC	COM	
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	
692830 50 8	P & F INDS INC	CL A NEW	
69290R 10 4	PDVWIRELESS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69290X 10 1	PDL CMNTY BANCORP	COM	
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	
69318Q 10 4 *	PBF LOGISTICS LP	UNIT LTD PTNR	
69318Q 90 4	PBF LOGISTICS LP	CALL	
69318Q 95 4	PBF LOGISTICS LP	PUT	
69323K 10 0 *	PCM INC	COM	
69323K 90 0	PCM INC	CALL	
69323K 95 0	PCM INC	PUT	
69323T 10 1	PCM FUND INC	COM	
69324R 10 4 *	PCSB FINL CORP	COM	
69324R 90 4	PCSB FINL CORP	CALL	
69324R 95 4	PCSB FINL CORP	PUT	
69325Q 10 5 *	PC-TEL INC	COM	
69325Q 90 5	PC-TEL INC	CALL	
69325Q 95 5	PC-TEL INC	PUT	
69327R AD 3	PDC ENERGY INC	NOTE 1.125% 9/1	
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	
69329Y AG 9	PDL BIOPHARMA INC	NOTE 2.750%12/0	
69329Y 10 4 *	PDL BIOPHARMA INC	COM	
69329Y 90 4	PDL BIOPHARMA INC	CALL	
69329Y 95 4	PDL BIOPHARMA INC	PUT	
69331C 10 8 *	PG&E CORP	COM	
69331C 90 8	PG&E CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69331C 95 8	PG&E CORP	PUT	
693320 20 2 *	PHH CORP	COM NEW	DELETED
693320 90 2	PHH CORP	CALL	DELETED
693320 95 2	PHH CORP	PUT	DELETED
69336T 10 6	PHI INC	COM VTG	
69336T 20 5	PHI INC	COM NON VTG	
69336V 10 1 *	PGT INNOVATIONS INC	COM	
69336V 90 1	PGT INNOVATIONS INC	CALL	
69336V 95 1	PGT INNOVATIONS INC	PUT	
693366 20 5 *	PICO HLDGS INC	COM NEW	
693366 90 5	PICO HLDGS INC	CALL	
693366 95 5	PICO HLDGS 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	ULTRA SHORT	
69344A 20 6	PGIM ETF TR	ACTV HY BD ETF	
69344A 30 5	PGIM ETF TR	QMA STRGC ALPH	ADDED
69344A 40 4	PGIM ETF TR	QMA STRATEGIC	ADDED
69344A 50 3	PGIM ETF TR	QMA STRGC GWTH	ADDED
69344A 60 2	PGIM ETF TR	QMA STRGIC VAL	ADDED
69344D 40 8	PLDT INC	SPONSORED ADR	
69346H 10 0	PGIM SHORT DURATION HIGH YIE	COM	
69346J 10 6	PGIM GLOBAL SHORT DURATION H	COM	
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	
693475 12 1	PNC FINL SVCS GROUP INC	*W EXP 12/31/201	DELETED
693483 10 9 *	POSCO	SPONSORED ADR	
693483 90 9	POSCO	CALL	
693483 95 9	POSCO	PUT	
69349H 10 7 *	PNM RES INC	COM	
69349H 90 7	PNM RES INC	CALL	
69349H 95 7	PNM RES INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
69354M 10 8 *	PRA HEALTH SCIENCES INC	COM	
69354M 90 8	PRA HEALTH SCIENCES INC	CALL	
69354M 95 8	PRA HEALTH SCIENCES 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	
69354V 10 8 *	PPDAI GROUP INC	SPONSORED ADR	
69354V 90 8	PPDAI GROUP INC	CALL	
69354V 95 8	PPDAI GROUP INC	PUT	
69357C 50 3 *	PRGX GLOBAL INC	COM NEW	
69357C 90 3	PRGX GLOBAL INC	CALL	
69357C 95 3	PRGX GLOBAL INC	PUT	
69360J 10 7 *	PS BUSINESS PKS INC CALIF	COM	
69360J 90 7	PS BUSINESS PKS INC CALIF	CALL	
69360J 95 7	PS BUSINESS PKS INC CALIF	PUT	
693656 10 0 *	PVH CORP	COM	
693656 90 0	PVH CORP	CALL	
693656 95 0	PVH CORP	PUT	
69366J AB 7	PTC THERAPEUTICS INC	NOTE 3.000% 8/1	
69366J 20 0 *	PTC THERAPEUTICS INC	COM	
69366J 90 0	PTC THERAPEUTICS INC	CALL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
693718 95 8	PACCAR INC	PUT	
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	TRENDP 100 ETF	
69374H 40 2	PACER FDS TR	US EXPORT LEAD	
69374H 69 1	PACER FDS TR	CFRA STVAL EQL	
69374H 70 9	PACER FDS TR	GLOBL CASH ETF	
69374H 74 1	PACER FDS TR	BNCHMRK INFRA	
69374H 76 6	PACER FDS TR	BNCHMRK INDSTR	
69374H 78 2	PACER FDS TR	BNCHMRK RS ETF	
69374H 80 8	PACER FDS TR	TRENDPILOT EUR	
69374H 83 2	PACER FDS TR	MILTRY TIMS ETF	
69374H 84 0	PACER FDS TR	WEALTHSHIELD	
69374H 85 7	PACER FDS TR	PACER US SMALL	
69374H 87 3	PACER FDS TR	DEVELOPED MRKT	
69374H 88 1	PACER FDS TR	US CASH COWS 100	
69404D 10 8 *	PACIFIC BIOSCIENCES CALIF IN	COM	
69404D 90 8	PACIFIC BIOSCIENCES CALIF IN	CALL	
69404D 95 8	PACIFIC BIOSCIENCES CALIF IN	PUT	
69406T 40 8	PACIFIC CITY FINANCIAL CORP	COM NEW	
694103 10 2 *	PACIFIC COAST OIL TR	UNIT BEN INT	
694103 90 2	PACIFIC COAST OIL TR	CALL	
694103 95 2	PACIFIC COAST OIL TR	PUT	
69423U 30 5 *	PACIFIC ETHANOL INC	COM PAR \$.001	
69423U 90 5	PACIFIC ETHANOL INC	CALL	
69423U 95 5	PACIFIC ETHANOL INC	PUT	
694552 10 0	PACIFIC MERCANTILE BANCORP	COM	
69478X 10 5 *	PACIFIC PREMIER BANCORP	COM	
69478X 90 5	PACIFIC PREMIER BANCORP	CALL	
69478X 95 5	PACIFIC PREMIER BANCORP	PUT	
695127 AB 6	PACIRA PHARMACEUTICALS INC	NOTE 3.250% 2/0	
695127 AD 2	PACIRA PHARMACEUTICALS INC	NOTE 2.375% 4/0	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
695127 10 0 *	PACIRA PHARMACEUTICALS INC	COM	
695127 90 0	PACIRA PHARMACEUTICALS INC	CALL	
695127 95 0	PACIRA PHARMACEUTICALS INC	PUT	
695156 10 9 *	PACKAGING CORP AMER	COM	
695156 90 9	PACKAGING CORP AMER	CALL	
695156 95 9	PACKAGING CORP AMER	PUT	
695263 10 3 *	PACWEST BANCORP DEL	COM	
695263 90 3	PACWEST BANCORP DEL	CALL	
695263 95 3	PACWEST BANCORP DEL	PUT	
69562K 50 6 *	PAIN THERAPEUTICS INC	COM NEW	
69562K 90 6	PAIN THERAPEUTICS INC	CALL	
69562K 95 6	PAIN THERAPEUTICS INC	PUT	
696077 40 3	PALATIN TECHNOLOGIES INC	COM PAR \$.01	
697435 AB 1	PALO ALTO NETWORKS INC	NOTE	7/0
697435 10 5 *	PALO ALTO NETWORKS INC	COM	
697435 90 5	PALO ALTO NETWORKS INC	CALL	
697435 95 5	PALO ALTO NETWORKS INC	PUT	
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 AMERICAN SILVER CORP	COM	
697900 90 8	PAN AMERICAN SILVER CORP	CALL	
697900 95 8	PAN AMERICAN SILVER CORP	PUT	
698354 AB 3	PANDORA MEDIA INC	NOTE	1.750%12/0
698354 10 7 *	PANDORA MEDIA INC	COM	
698354 90 7	PANDORA MEDIA INC	CALL	
698354 95 7	PANDORA MEDIA INC	PUT	
698477 10 6 *	PANHANDLE OIL AND GAS INC	CL A	
698477 90 6	PANHANDLE OIL AND GAS INC	CALL	
698477 95 6	PANHANDLE OIL AND GAS INC	PUT	
698813 10 2 *	PAPA JOHNS INTL INC	COM	
698813 90 2	PAPA JOHNS INTL INC	CALL	
698813 95 2	PAPA JOHNS INTL INC	PUT	
698814 10 0 *	PAPA MURPHYS HLDGS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
698814 90 0	PAPA MURPHYS HLDGS INC	CALL	
698814 95 0	PAPA MURPHYS HLDGS INC	PUT	
69888T 20 7 *	PAR PACIFIC HOLDINGS INC	COM NEW	
69888T 90 7	PAR PACIFIC HOLDINGS INC	CALL	
69888T 95 7	PAR PACIFIC HOLDINGS INC	PUT	
698884 10 3 *	PAR TECHNOLOGY CORP	COM	
698884 90 3	PAR TECHNOLOGY CORP	CALL	
698884 95 3	PAR TECHNOLOGY CORP	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 30 2 *	PARATEK PHARMACEUTICALS INC	COM	
699374 90 2	PARATEK PHARMACEUTICALS INC	CALL	
699374 95 2	PARATEK PHARMACEUTICALS INC	PUT	
69946T 20 7	PARETEUM CORP	COM NEW	
69949M 10 0	PARINGA RESOURCES LIMITED	SPONSORED ADS	
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	
700416 20 9 *	PARK ELECTROCHEMICAL CORP	COM	
700416 90 9	PARK ELECTROCHEMICAL CORP	CALL	
700416 95 9	PARK ELECTROCHEMICAL CORP	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	
700666 90 0	PARK OHIO HLDGS CORP	CALL	
700666 95 0	PARK OHIO HLDGS CORP	PUT	
700885 10 6	PARKE BANCORP INC	COM	
701081 40 8 *	PARKER DRILLING CO	COM NEW	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
701081 90 8	PARKER DRILLING CO	CALL	DELETED
701081 95 8	PARKER DRILLING CO	PUT	DELETED
701094 10 4 *	PARKER HANNIFIN CORP	COM	
701094 90 4	PARKER HANNIFIN CORP	CALL	
701094 95 4	PARKER HANNIFIN CORP	PUT	
701877 10 2 *	PARSLEY ENERGY INC	CL A	
701877 90 2	PARSLEY ENERGY INC	CALL	
701877 95 2	PARSLEY ENERGY INC	PUT	
70211M 10 9 *	PARTNER COMMUNICATIONS CO LT	ADR	
70211M 90 9	PARTNER COMMUNICATIONS CO LT	CALL	
70211M 95 9	PARTNER COMMUNICATIONS CO LT	PUT	
702149 10 5 *	PARTY CITY HOLDCO INC	COM	
702149 90 5	PARTY CITY HOLDCO INC	CALL	
702149 95 5	PARTY CITY HOLDCO INC	PUT	
70319R 10 9	PATHFINDER BANCORP INC MD	COM	
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	
70338P AB 6	PATTERN ENERGY GROUP INC	NOTE 4.000% 7/1	
70338P 10 0 *	PATTERN ENERGY GROUP INC	CL A	
70338P 90 0	PATTERN ENERGY GROUP INC	CALL	
70338P 95 0	PATTERN ENERGY GROUP INC	PUT	
70338W 10 5	PATRIOT TRANSN HLDG INC	COM	
703395 10 3 *	PATTERSON COMPANIES INC	COM	
703395 90 3	PATTERSON COMPANIES INC	CALL	
703395 95 3	PATTERSON COMPANIES INC	PUT	
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 11 4	PAVMED INC	*W EXP 01/29/202	
70387R 12 2	PAVMED INC	*W EXP 04/30/202	
70432V 10 2 *	PAYCOM SOFTWARE INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
70438S 20 2	PAYMENT DATA SYS INC	COM NEW	
70438V 10 6 *	PAYLOCITY HLDG CORP	COM	
70438V 90 6	PAYLOCITY HLDG CORP	CALL	
70438V 95 6	PAYLOCITY HLDG CORP	PUT	
70450Y 10 3 *	PAYPAL HLDGS INC	COM	
70450Y 90 3	PAYPAL HLDGS INC	CALL	
70450Y 95 3	PAYPAL HLDGS INC	PUT	
70454T 10 0	PB BANCORP INC	COM	
704551 10 0 *	PEABODY ENERGY CORP NEW	COM	
704551 90 0	PEABODY ENERGY CORP NEW	CALL	
704551 95 0	PEABODY ENERGY CORP NEW	PUT	
70469L 10 0 *	PEAK RESORTS INC	COM	
70469L 90 0	PEAK RESORTS INC	CALL	
70469L 95 0	PEAK RESORTS INC	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	
705015 10 5 *	PEARSON PLC	SPONSORED ADR	
705015 90 5	PEARSON PLC	CALL	
705015 95 5	PEARSON PLC	PUT	
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 10 3 *	PEGASYSTEMS INC	COM	
705573 90 3	PEGASYSTEMS INC	CALL	
705573 95 3	PEGASYSTEMS INC	PUT	
706327 10 3 *	PEMBINA PIPELINE CORP	COM	
706327 90 3	PEMBINA PIPELINE CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
706327 95 3	PEMBINA PIPELINE CORP	PUT	
707569 10 9 *	PENN NATL GAMING INC	COM	
707569 90 9	PENN NATL GAMING INC	CALL	
707569 95 9	PENN NATL GAMING INC	PUT	
70788V 10 2 *	PENN VA CORP NEW	COM	
70788V 90 2	PENN VA CORP NEW	CALL	
70788V 95 2	PENN VA CORP NEW	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	
708160 10 6 *	PENNEY J C INC	COM	
708160 90 6	PENNEY J C INC	CALL	
708160 95 6	PENNEY J C INC	PUT	
708430 10 3	PENNS WOODS BANCORP INC	COM	
709102 10 7 *	PENNSYLVANIA RL ESTATE INVT	SH BEN INT	
709102 90 7	PENNSYLVANIA RL ESTATE INVT	CALL	
709102 95 7	PENNSYLVANIA RL ESTATE INVT	PUT	
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 AB 9	PENNYMAC CORP	NOTE 5.375% 5/0	
70932B 10 1 *	PENNYMAC FINL SVCS INC	CL A	DELETED
70932B 90 1	PENNYMAC FINL SVCS INC	CALL	DELETED
70932B 95 1	PENNYMAC FINL SVCS INC	PUT	DELETED
70932M 10 7 *	PENNYMAC FINL SVCS INC	COM	ADDED
70932M 90 7	PENNYMAC FINL SVCS INC	CALL	ADDED
70932M 95 7	PENNYMAC FINL SVCS INC	PUT	ADDED
70957E 10 5	PENSARE ACQUISITION CORP	COM	
70957E 11 3	PENSARE ACQUISITION CORP	*W EXP 07/27/202	
70957E 12 1	PENSARE ACQUISITION CORP	RIGHT 99/99/9999	
70957E 20 4	PENSARE ACQUISITION CORP	UNIT 07/27/2022	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
712704 10 5 *	PEOPLES UNITED FINANCIAL INC	COM	
712704 90 5	PEOPLES UNITED FINANCIAL INC	CALL	
712704 95 5	PEOPLES UNITED FINANCIAL INC	PUT	
712706 20 9	PEOPLES UTAH BANCORP	COM	
713360 10 5	PEPPER FOOD SERVICE CO LTD	SPONSORED ADS	
713448 10 8 *	PEPSICO INC	COM	
713448 90 8	PEPSICO INC	CALL	
713448 95 8	PEPSICO INC	PUT	
71361F 10 0 *	PERCEPTRON INC	COM	
71361F 90 0	PERCEPTRON INC	CALL	
71361F 95 0	PERCEPTRON INC	PUT	
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	

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714157 20 3 *	PERMA-FIX ENVIRONMENTAL SVCS	COM NEW	
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	
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	
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	
71426V AK 4	PERNIX THERAPEUTICS HLDGS IN	DBCW 4.250% 4/0	
71426V 30 6 *	PERNIX THERAPEUTICS HLDGS IN	COM NEW	
71426V 90 6	PERNIX THERAPEUTICS HLDGS IN	CALL	
71426V 95 6	PERNIX THERAPEUTICS HLDGS IN	PUT	
715302 20 4 *	PERSHING GOLD CORP	COM NEW	
715302 90 4	PERSHING GOLD CORP	CALL	
715302 95 4	PERSHING GOLD CORP	PUT	
715347 10 0 *	PERSPECTA INC	COM	
715347 90 0	PERSPECTA INC	CALL	
715347 95 0	PERSPECTA INC	PUT	
715426 10 2	PERTH MINT PHYSICAL GOLD ETF	UNIT	
715684 10 6 *	P T TELEKOMUNIKASI INDONESIA	SPONSORED ADR	
715684 90 6	P T TELEKOMUNIKASI INDONESIA	CALL	
715684 95 6	P T TELEKOMUNIKASI INDONESIA	PUT	
716382 10 6 *	PETMED EXPRESS INC	COM	
716382 90 6	PETMED EXPRESS INC	CALL	
716382 95 6	PETMED EXPRESS INC	PUT	
71639T 10 6 *	PETIQ INC	COM CL A	
71639T 90 6	PETIQ INC	CALL	
71639T 95 6	PETIQ INC	PUT	
71646E 10 0 *	PETROCHINA CO LTD	SPONSORED ADR	
71646E 90 0	PETROCHINA CO LTD	CALL	
71646E 95 0	PETROCHINA CO LTD	PUT	

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71654V 10 1 *	PETROLEO BRASILEIRO SA PETRO	SP ADR NON VTG	
71654V 90 1	PETROLEO BRASILEIRO SA PETRO	CALL	
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	
717071 10 4 *	PFENEX INC	COM	
717071 90 4	PFENEX INC	CALL	
717071 95 4	PFENEX INC	PUT	
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	
717224 10 9	PHASEBIO PHARMACEUTICALS INC	COM	ADDED
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	
718172 10 9 *	PHILIP MORRIS INTL INC	COM	
718172 90 9	PHILIP MORRIS INTL INC	CALL	
718172 95 9	PHILIP MORRIS INTL INC	PUT	
718546 10 4 *	PHILLIPS 66	COM	
718546 90 4	PHILLIPS 66	CALL	
718546 95 4	PHILLIPS 66	PUT	
718549 20 7 *	PHILLIPS 66 PARTNERS LP	COM UNIT REP INT	
718549 90 7	PHILLIPS 66 PARTNERS LP	CALL	
718549 95 7	PHILLIPS 66 PARTNERS LP	PUT	
71880W 10 5	PHIO PHARMACEUTICALS CORP	*W EXP 12/21/202	ADDED
71880W 20 4	PHIO PHARMACEUTICALS CORP	COM	ADDED
71910C 10 3 *	PHOENIX NEW MEDIA LTD	SPONSORED ADS	
71910C 90 3	PHOENIX NEW MEDIA LTD	CALL	
71910C 95 3	PHOENIX NEW MEDIA LTD	PUT	
719405 AK 8	PHOTRONICS INC	NOTE 3.250% 4/0	

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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	
71948P 10 0	PHUNWARE INC	COM	ADDED
71948P 11 8	PHUNWARE INC	*W EXP 08/11/202	ADDED
720162 10 6	PIEDMONT LITHIUM LTD	SPONSORED ADS	
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	
720279 10 8 *	PIER 1 IMPORTS INC	COM	
720279 90 8	PIER 1 IMPORTS INC	CALL	
720279 95 8	PIER 1 IMPORTS INC	PUT	
720795 10 3 *	PIERIS PHARMACEUTICALS INC	COM	
720795 90 3	PIERIS PHARMACEUTICALS INC	CALL	
720795 95 3	PIERIS PHARMACEUTICALS INC	PUT	
72147K 10 8 *	PILGRIMS PRIDE CORP NEW	COM	
72147K 90 8	PILGRIMS PRIDE CORP NEW	CALL	
72147K 95 8	PILGRIMS PRIDE CORP NEW	PUT	
72200M 10 8	PIMCO CALIF MUN INCOME FD II	COM	
72200N 10 6	PIMCO CA MUNICIPAL INCOME FD	COM	
72200R 10 7	PIMCO MUNICIPAL INCOME FD	COM	
72200T 10 3	PIMCO NY MUNICIPAL INCOME FD	COM	
72200U 10 0	PIMCO CORPORATE INCOME STRAT	COM	
72200W 10 6	PIMCO MUN INCOME FD II	COM	
72200X 10 4	PIMCO STRATEGIC INCOME FD IN	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 INCM FD 1	COM	
72201H 10 8	PIMCO INCOME STRATEGY FUND	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
72201J 10 4	PIMCO INCOME STRATEGY FUND I	COM	
72201R 10 6 *	PIMCO ETF TR	1-3YR USTREIDX	
72201R 90 6	PIMCO ETF TR	CALL	
72201R 95 6	PIMCO ETF TR	PUT	
72201R 20 5	PIMCO ETF TR	1-5 US TIP IDX	
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 71 8	PIMCO ETF TR	ENHNCD 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	
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	
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	
72202B 10 0	PIMCO INCOME OPPORTUNITY FD	COM	
72202D 10 6	PIMCO DYNMIC CREDIT AND MRT	COM SHS	
72202L 36 3	PIMCO EQUITY SER	RAFI DYN ML US	
72202L 37 1	PIMCO EQUITY SER	RAFI DYN MULTI	

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72202L 38 9	PIMCO EQUITY SER	RAFI DYN EMERG	
722304 10 2 *	PINDUODUO INC	SPONSORED ADS	
722304 90 2	PINDUODUO INC	CALL	
722304 95 2	PINDUODUO INC	PUT	
72346Q 10 4 *	PINNACLE FINL PARTNERS INC	COM	
72346Q 90 4	PINNACLE FINL PARTNERS INC	CALL	
72346Q 95 4	PINNACLE FINL PARTNERS INC	PUT	
72348P 10 4 *	PINNACLE FOODS INC DEL	COM	DELETED
72348P 90 4	PINNACLE FOODS INC DEL	CALL	DELETED
72348P 95 4	PINNACLE FOODS INC DEL	PUT	DELETED
72348Y 10 5 *	PINNACLE ENTMT INC NEW	COM	DELETED
72348Y 90 5	PINNACLE ENTMT INC NEW	CALL	DELETED
72348Y 95 5	PINNACLE ENTMT INC NEW	PUT	DELETED
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 10 7	PINTEC TECHNOLOGY HLDGS LTD	SPONSORED ADS	ADDED
723653 10 1	PIONEER DIV HIGH INCOME TRUS	COM	
723664 10 8 *	PIONEER ENERGY SVCS CORP	COM	
723664 90 8	PIONEER ENERGY SVCS CORP	CALL	
723664 95 8	PIONEER ENERGY SVCS CORP	PUT	
72369H 10 6	PIONEER HIGH INCOME TR	COM	
72369J 10 2	PIONEER FLOATING RATE TR	COM	
723762 10 0	PIONEER MUN HIGH INCOME ADV	COM	
723763 10 8	PIONEER MUN HIGH INCOME TR	COM SHS	
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 JAFFRAY COS	COM	
724078 90 0	PIPER JAFFRAY COS	CALL	
724078 95 0	PIPER JAFFRAY COS	PUT	
724479 10 0 *	PITNEY BOWES INC	COM	
724479 90 0	PITNEY BOWES INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
72582H 10 7 *	PIVOTAL SOFTWARE INC	COM CL A	
72582H 90 7	PIVOTAL SOFTWARE INC	CALL	
72582H 95 7	PIVOTAL SOFTWARE INC	PUT	
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	
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	ADDED
727493 10 8 *	PLANTRONICS INC NEW	COM	
727493 90 8	PLANTRONICS INC NEW	CALL	
727493 95 8	PLANTRONICS INC NEW	PUT	
72765Q AC 0	PLATINUM GROUP METALS LTD	NOTE 6.875% 7/0	
72765Q 60 1 *	PLATINUM GROUP METALS LTD	COM	DELETED
72765Q 90 1	PLATINUM GROUP METALS LTD	CALL	DELETED
72765Q 95 1	PLATINUM GROUP METALS LTD	PUT	DELETED
72765Q 88 2	PLATINUM GROUP METALS LTD	COM	ADDED
72766Q 10 5 *	PLATFORM SPECIALTY PRODS COR	COM	
72766Q 90 5	PLATFORM SPECIALTY PRODS COR	CALL	
72766Q 95 5	PLATFORM SPECIALTY PRODS COR	PUT	
72814N 10 4	PLAYAGS INC	COM	
729132 10 0 *	PLEXUS CORP	COM	
729132 90 0	PLEXUS CORP	CALL	
729132 95 0	PLEXUS CORP	PUT	
72919P 20 2 *	PLUG POWER INC	COM NEW	
72919P 90 2	PLUG POWER INC	CALL	

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72919P 95 2	PLUG POWER INC	PUT	
729273 10 2	PLUMAS BANCORP	COM	
72940R 10 2 *	PLURISTEM THERAPEUTICS INC	COM	
72940R 90 2	PLURISTEM THERAPEUTICS INC	CALL	
72940R 95 2	PLURISTEM THERAPEUTICS INC	PUT	
72941B 10 6 *	PLURALSIGHT INC	COM CL A	
72941B 90 6	PLURALSIGHT INC	CALL	
72941B 95 6	PLURALSIGHT INC	PUT	
72942A 10 7	PLX PHARMA INC	COM	
729640 10 2	PLYMOUTH INDL REIT INC	COM	
730206 10 9	POAGE BANKSHARES INC	COM	DELETED
730843 20 8 *	POINTS INTL LTD	COM NEW	
730843 90 8	POINTS INTL LTD	CALL	
730843 95 8	POINTS INTL LTD	PUT	
73102V 10 5	POLAR PWR INC	COM	
731068 10 2 *	POLARIS INDS INC	COM	
731068 90 2	POLARIS INDS INC	CALL	
731068 95 2	POLARIS INDS INC	PUT	
731094 10 8 *	POLARITYTE INC	COM	
731094 90 8	POLARITYTE INC	CALL	
731094 95 8	POLARITYTE INC	PUT	
73179P 10 6 *	POLYONE CORP	COM	
73179P 90 6	POLYONE CORP	CALL	
73179P 95 6	POLYONE CORP	PUT	
731916 10 2	POLYMET MINING CORP	COM	
73278L 10 5 *	POOL CORPORATION	COM	
73278L 90 5	POOL CORPORATION	CALL	
73278L 95 5	POOL CORPORATION	PUT	
732857 10 7	POPE RES DEL LTD PARTNERSHIP	DEPOSITRY RCPT	
733174 70 0 *	POPULAR INC	COM NEW	
733174 90 0	POPULAR INC	CALL	
733174 95 0	POPULAR INC	PUT	
73640Q AB 1	PORTFOLIO RECOVERY ASSOCS IN	NOTE 3.000% 8/0	
736508 84 7 *	PORTLAND GEN ELEC CO	COM NEW	

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736508 90 7	PORTLAND GEN ELEC CO	CALL	
736508 95 7	PORTLAND GEN ELEC CO	PUT	
737010 10 8 *	PORTOLA PHARMACEUTICALS INC	COM	
737010 90 8	PORTOLA PHARMACEUTICALS INC	CALL	
737010 95 8	PORTOLA PHARMACEUTICALS INC	PUT	
737446 10 4 *	POST HLDGS INC	COM	
737446 90 4	POST HLDGS INC	CALL	
737446 95 4	POST HLDGS INC	PUT	
73754Y 10 0 *	POTBELLY CORP	COM	
73754Y 90 0	POTBELLY CORP	CALL	
73754Y 95 0	POTBELLY CORP	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	
739276 10 3 *	POWER INTEGRATIONS INC	COM	
739276 90 3	POWER INTEGRATIONS INC	CALL	
739276 95 3	POWER INTEGRATIONS INC	PUT	
73933H 10 1	POWER REIT	COM	
73943T 10 3 *	PQ GROUP HLDGS INC	COM	
73943T 90 3	PQ GROUP HLDGS INC	CALL	
73943T 95 3	PQ GROUP HLDGS INC	PUT	
739727 20 4 *	PRANA BIOTECHNOLOGY LTD	SPON ADR NEW	
739727 90 4	PRANA BIOTECHNOLOGY LTD	CALL	
739727 95 4	PRANA BIOTECHNOLOGY LTD	PUT	
74005P 10 4 *	PRAXAIR INC	COM	DELETED
74005P 90 4	PRAXAIR INC	CALL	DELETED
74005P 95 4	PRAXAIR INC	PUT	DELETED
74019L 10 7	PRECIPIO INC	COM	
74022D 30 8 *	PRECISION DRILLING CORP	COM 2010	
74022D 90 8	PRECISION DRILLING CORP	CALL	
74022D 95 8	PRECISION DRILLING CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74033P 10 0	PRECISION THERAPEUTICS INC	COM	
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	
74039L 10 3 *	PREFERRED APT CMNTYS INC	COM	
74039L 90 3	PREFERRED APT CMNTYS INC	CALL	
74039L 95 3	PREFERRED APT CMNTYS INC	PUT	
740444 10 4	PREFORMED LINE PRODS CO	COM	
74050M 10 5	PREMIER FINL BANCORP INC	COM	
74051N 10 2 *	PREMIER INC	CL A	
74051N 90 2	PREMIER INC	CALL	
74051N 95 2	PREMIER INC	PUT	
74102M 10 3 *	PRESIDIO INC	COM	
74102M 90 3	PRESIDIO INC	CALL	
74102M 95 3	PRESIDIO 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	
74139C AB 8	PRETIUM RES INC	NOTE 2.250% 3/1	
74139C 10 2 *	PRETIUM RES INC	COM	
74139C 90 2	PRETIUM RES INC	CALL	
74139C 95 2	PRETIUM RES INC	PUT	
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	
741503 AS 5	PRICELINE GRP INC	NOTE 0.350% 6/1	
741503 AX 4	PRICELINE GRP INC	NOTE 0.900% 9/1	
741511 10 9 *	PRICESMART INC	COM	
741511 90 9	PRICESMART INC	CALL	
741511 95 9	PRICESMART INC	PUT	
74158E 10 4	PRIMEENERGY CORP	COM	
74164F 10 3 *	PRIMORIS SVCS CORP	COM	
74164F 90 3	PRIMORIS SVCS CORP	CALL	
74164F 95 3	PRIMORIS SVCS CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74164M 10 8 *	PRIMERICA INC	COM	
74164M 90 8	PRIMERICA INC	CALL	
74164M 95 8	PRIMERICA INC	PUT	
74165N 10 5 *	PRIMO WTR CORP	COM	
74165N 90 5	PRIMO WTR CORP	CALL	
74165N 95 5	PRIMO WTR CORP	PUT	
74251V 10 2 *	PRINCIPAL FINL GROUP INC	COM	
74251V 90 2	PRINCIPAL FINL GROUP INC	CALL	
74251V 95 2	PRINCIPAL FINL GROUP INC	PUT	
74255X 10 4	PRINCIPAL REAL ESTATE INCOME	SHS BEN INT	
74255Y 10 2	PRINCIPAL EXCHANGE TRADED FD	PRIN EDGE ACTV	
74255Y 20 1	PRINCIPAL EXCHANGE TRADED FD	PRIN PRICE IDX	
74255Y 30 0	PRINCIPAL EXCHANGE TRADED FD	PRIN SHRHLDR	
74255Y 40 9	PRINCIPAL EXCHANGE TRADED FD	HEALTHCARE INDX	
74255Y 50 8	PRINCIPAL EXCHANGE TRADED FD	PRCPL MIL INDX	
74255Y 60 7	PRINCIPAL EXCHANGE TRADED FD	US SM MLT FC ETF	
74255Y 70 6	PRINCIPAL EXCHANGE TRADED FD	PRINCIPAL ACTV	
74255Y 82 1	PRINCIPAL EXCHANGE TRADED FD	PRNC INVT GRAD	
74255Y 83 9	PRINCIPAL EXCHANGE TRADED FD	INTL MULT FACT	
74255Y 85 4	PRINCIPAL EXCHANGE TRADED FD	SUSTINBLE MMNT	
74255Y 86 2	PRINCIPAL EXCHANGE TRADED FD	CONTRARIAN VLU	
74255Y 87 0 *	PRINCIPAL EXCHANGE TRADED FD	US MEGA CAP	
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	
74257L 10 8	PRINCIPIA BIOPHARMA INC	COM	
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	
74275G 10 7	PRIORITY TECHNOLOGY HLDGS IN	COM	

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74275G 11 5	PRIORITY TECHNOLOGY HLDGS IN	*W EXP 11/15/202	
74275G 20 6	PRIORITY TECHNOLOGY HLDGS IN	UNIT 09/12/2021	
74312Y 20 2	PROFESSIONAL DIVERSITY NET I	COM NEW	
74316X 10 1 *	PROFIRE ENERGY INC	COM	
74316X 90 1	PROFIRE ENERGY INC	CALL	
74316X 95 1	PROFIRE ENERGY INC	PUT	
743187 10 6 *	PROGENICS PHARMACEUTICALS IN	COM	
743187 90 6	PROGENICS PHARMACEUTICALS IN	CALL	
743187 95 6	PROGENICS PHARMACEUTICALS IN	PUT	
743312 10 0 *	PROGRESS SOFTWARE CORP	COM	
743312 90 0	PROGRESS SOFTWARE CORP	CALL	
743312 95 0	PROGRESS SOFTWARE CORP	PUT	
743315 10 3 *	PROGRESSIVE CORP OHIO	COM	
743315 90 3	PROGRESSIVE CORP OHIO	CALL	
743315 95 3	PROGRESSIVE CORP OHIO	PUT	
74340W 10 3 *	PROLOGIS INC	COM	
74340W 90 3	PROLOGIS INC	CALL	
74340W 95 3	PROLOGIS INC	PUT	
743424 10 3 *	PROOFPOINT INC	COM	
743424 90 3	PROOFPOINT INC	CALL	
743424 95 3	PROOFPOINT INC	PUT	
74345W 10 8	PROPHASE LABS INC	COM	
74346Y AB 9	PROS HOLDINGS INC	NOTE 2.000%12/0	
74346Y AD 5	PROS HOLDINGS INC	NOTE 2.000% 6/0	
74346Y 10 3 *	PROS HOLDINGS INC	COM	
74346Y 90 3	PROS HOLDINGS INC	CALL	
74346Y 95 3	PROS HOLDINGS INC	PUT	
74347B 16 9	PROSHARES TR	ONLINE RTL ETF	
74347B 17 7 *	PROSHARES TR	BASIC MAT NEW	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	
74347B 18 5 *	PROSHARES TR	PSHS SHTFINL ETF	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	

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74347B 19 3 *	PROSHARES TR	ULTRAPRO SHORT N	
74347B 90 3	PROSHARES TR	CALL	
74347B 95 3	PROSHARES TR	PUT	
74347B 20 1 *	PROSHARES TR	PSHS ULTSH 20YRS	
74347B 90 1	PROSHARES TR	CALL	
74347B 95 1	PROSHARES TR	PUT	
74347B 21 9 *	PROSHARES TR	ULSHRT SEMIC NEW	
74347B 90 9	PROSHARES TR	CALL	
74347B 95 9	PROSHARES TR	PUT	
74347B 22 7 *	PROSHARES TR	ULTSHT FT CH 50	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	
74347B 23 5 *	PROSHARES TR	PSHS SHORT DOW30	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	
74347B 24 3 *	PROSHARES TR	ULTSHRT QQQ	
74347B 90 3	PROSHARES TR	CALL	
74347B 95 3	PROSHARES TR	PUT	
74347B 25 0 *	PROSHARES TR	PSHS SH MDCAP400	
74347B 90 0	PROSHARES TR	CALL	
74347B 95 0	PROSHARES TR	PUT	
74347B 26 8 *	PROSHARES TR	ULTRAPRO SHORT S	
74347B 90 8	PROSHARES TR	CALL	
74347B 95 8	PROSHARES TR	PUT	
74347B 27 6 *	PROSHARES TR	PSHS ULDOW30 NEW	
74347B 90 6	PROSHARES TR	CALL	
74347B 95 6	PROSHARES TR	PUT	
74347B 28 4 *	PROSHARES TR	SHT MSCI NEW	
74347B 90 4	PROSHARES TR	CALL	
74347B 95 4	PROSHARES TR	PUT	
74347B 29 2 *	PROSHARES TR	ULT MSCIBZL CAPP	
74347B 90 2	PROSHARES TR	CALL	
74347B 95 2	PROSHARES TR	PUT	
74347B 31 8	PROSHARES TR	S&P 500 BD ETF	

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74347B 36 7	PROSHARES TR	DECLINE RETAIL	
74347B 37 5	PROSHARES TR	LONG ONLINE SHRT	
74347B 38 3 *	PROSHARES TR	ULTRASHRT S&P500	
74347B 90 3	PROSHARES TR	CALL	
74347B 95 3	PROSHARES TR	PUT	
74347B 39 1	PROSHARES TR	EQTS FOR RISIN	
74347B 41 7	PROSHARES TR	K1 FRE CRD OIL	
74347B 42 5 *	PROSHARES TR	SHORT S&P 500 NE	
74347B 90 5	PROSHARES TR	CALL	
74347B 95 5	PROSHARES TR	PUT	
74347B 47 4 *	PROSHARES TR	ULTPRO NASBIO NW	
74347B 90 4	PROSHARES TR	CALL	
74347B 95 4	PROSHARES TR	PUT	
74347B 48 2 *	PROSHARES TR	ULTRA GLD MNR NW	
74347B 90 2	PROSHARES TR	CALL	
74347B 95 2	PROSHARES TR	PUT	
74347B 49 0	PROSHARES TR	ULTRA MSCI BRAZI	
74347B 50 8	PROSHARES TR	DJ BRKFLD GLB	
74347B 53 2	PROSHARES TR	MANAGED FUT	
74347B 54 0	PROSHARES TR	MSCI EUR DIV	
74347B 55 7	PROSHARES TR	SP500 EX TECH	
74347B 56 5	PROSHARES TR	SP500 EX HLTH	
74347B 57 3	PROSHARES TR	SP500 EX FINLS	
74347B 58 1	PROSHARES TR	SP500 EX ENRGY	
74347B 60 7	PROSHARES TR	INVT INT RT HG	
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 70 6	PROSHARES TR	ST EMG MKT ETF	
74347B 71 4 *	PROSHARES TR	SHORT QQQ NEW	
74347B 90 4	PROSHARES TR	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74347B 95 4	PROSHARES TR	PUT	
74347B 72 2	PROSHARES TR	ULSHRT UTILS NEW	
74347B 73 0 *	PROSHARES TR	ULSHRT TECH NEW	
74347B 90 0	PROSHARES TR	CALL	
74347B 95 0	PROSHARES TR	PUT	
74347B 74 8 *	PROSHARES TR	ULTSHT FINLS NEW	
74347B 90 8	PROSHARES TR	CALL	
74347B 95 8	PROSHARES TR	PUT	
74347B 78 9 *	PROSHARES TR	ULTSH NASD BIOT	
74347B 90 9	PROSHARES TR	CALL	
74347B 95 9	PROSHARES TR	PUT	
74347B 81 3	PROSHARES TR	MORNINGSTAR ALTR	
74347B 83 9	PROSHARES TR	MSCI EAFE DIVD	
74347B 84 7	PROSHARES TR	PROSHS EMG ETF	
74347B 87 0	PROSHARES TR	CDS SH NA HYCR	
74347M 10 8 *	PROPETRO HLDG CORP	COM	
74347M 90 8	PROPETRO HLDG CORP	CALL	
74347M 95 8	PROPETRO HLDG CORP	PUT	
74347R 10 7 *	PROSHARES TR	PSHS ULT S&P 500	
74347R 90 7	PROSHARES TR	CALL	
74347R 95 7	PROSHARES TR	PUT	
74347R 11 5	PROSHARES TR	PSHS CONSUMR GD	
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	

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74347R 21 4 *	PROSHARES TR	PSHS ULT NASB	
74347R 90 4	PROSHARES TR	CALL	
74347R 95 4	PROSHARES TR	PUT	
74347R 22 2 *	PROSHARES TR	PSHS SHT OIL&GAS	
74347R 90 2	PROSHARES TR	CALL	
74347R 95 2	PROSHARES TR	PUT	
74347R 24 8 *	PROSHARES TR	PSHS LC COR PLUS	
74347R 90 8	PROSHARES TR	CALL	
74347R 95 8	PROSHARES TR	PUT	
74347R 26 3	PROSHARES TR	PSHS UL TELE ETF	
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	
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	

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74347R 71 9 *	PROSHARES TR	PSHS ULTRA O&G	
74347R 90 9	PROSHARES TR	CALL	
74347R 95 9	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	PSHS CONSMR SVCS	
74347R 76 8	PROSHARES TR	PSHS CONSMRGOODS	
74347R 77 6 *	PROSHARES TR	PSHS ULT BASMATL	
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 11 4 *	PROSHARES TR II	PSHS ULSSLVR NEW	
74347W 90 4	PROSHARES TR II	CALL	
74347W 95 4	PROSHARES TR II	PUT	
74347W 13 0 *	PROSHARES TR II	SHT VIX ST TRM	
74347W 90 0	PROSHARES TR II	CALL	
74347W 95 0	PROSHARES TR II	PUT	
74347W 14 8 *	PROSHARES TR II	ULTRA VIX SHORT	
74347W 90 8	PROSHARES TR II	CALL	
74347W 95 8	PROSHARES TR II	PUT	
74347W 17 1 *	PROSHARES TR II	VIX SH TRM FUTRS	
74347W 90 1	PROSHARES TR II	CALL	
74347W 95 1	PROSHARES TR II	PUT	
74347W 22 1 *	PROSHARES TR II	ULTRAPRO 3X CR	
74347W 90 1	PROSHARES TR II	CALL	

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74347W 95 1	PROSHARES TR II	PUT	
74347W 24 7 *	PROSHARES TR II	ULTA BLMBG 2017	
74347W 90 7	PROSHARES TR II	CALL	
74347W 95 7	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 38 7 *	PROSHARES TR II	ULSHT BLOOMB GAS	
74347W 90 7	PROSHARES TR II	CALL	
74347W 95 7	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 46 0 *	PROSHARES TR II	PROSHS U/SHAUS	
74347W 90 0	PROSHARES TR II	CALL	
74347W 95 0	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 66 8 *	PROSHARES TR II	ULSHT BLOOMB OIL	
74347W 90 8	PROSHARES TR II	CALL	
74347W 95 8	PROSHARES TR II	PUT	
74347W 74 2 *	PROSHARES TR II	PROSHS SHT EUR	
74347W 90 2	PROSHARES TR II	CALL	
74347W 95 2	PROSHARES TR II	PUT	

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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 31 0	PROSHARES TR	RAFI LG SHT FD	
74347X 50 0	PROSHARES TR	ULTR MSCI ETF	
74347X 52 6	PROSHARES TR	ULT FTSE EUROPE	
74347X 55 9	PROSHARES TR	SHT BASIC MAT	
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 64 1 *	PROSHARES TR	SHRT RL EST FD	
74347X 90 1	PROSHARES TR	CALL	
74347X 95 1	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	

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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 70 6 *	PROSHARES TR II	ULTRA BLOOMBERG	
74347Y 90 6	PROSHARES TR II	CALL	
74347Y 95 6	PROSHARES TR II	PUT	
74347Y 80 5 *	PROSHARES TR II	ULTRAPRO 3X SHOR	
74347Y 90 5	PROSHARES TR II	CALL	
74347Y 95 5	PROSHARES TR II	PUT	
74348A 14 5	PROSHARES TR	PET CARE ETF	ADDED
74348A 15 2 *	PROSHARES TR	ULTPRO SHT 2017	
74348A 90 2	PROSHARES TR	CALL	
74348A 95 2	PROSHARES TR	PUT	
74348A 16 0 *	PROSHARES TR	ULTRAPRO SHORT Q	
74348A 90 0	PROSHARES TR	CALL	
74348A 95 0	PROSHARES TR	PUT	
74348A 17 8 *	PROSHARES TR	ULTRAPRO DOW 30	
74348A 90 8	PROSHARES TR	CALL	
74348A 95 8	PROSHARES TR	PUT	
74348A 18 6	PROSHARES TR	ULTRPRO SHRT NEW	
74348A 19 4 *	PROSHARES TR	ULTRASHORT GOLD	

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74348A 90 4	PROSHARES TR	CALL	
74348A 95 4	PROSHARES TR	PUT	
74348A 21 0 *	PROSHARES TR	SHRT RUSSELL2000	
74348A 90 0	PROSHARES TR	CALL	
74348A 95 0	PROSHARES TR	PUT	
74348A 22 8	PROSHARES TR	ULTSHT HLTHCRE	
74348A 23 6	PROSHARES TR	ULTSHT CONS SERV	
74348A 24 4 *	PROSHARES TR	ULTSHT REAL EST	
74348A 90 4	PROSHARES TR	CALL	
74348A 95 4	PROSHARES TR	PUT	
74348A 31 9 *	PROSHARES TR	ULTSHT RUSS2000	
74348A 90 9	PROSHARES TR	CALL	
74348A 95 9	PROSHARES TR	PUT	
74348A 32 7	PROSHARES TR	ULTSHT SMLCP600	
74348A 34 3 *	PROSHARES TR	ULTSHT MIDCAP400	
74348A 90 3	PROSHARES TR	CALL	
74348A 95 3	PROSHARES TR	PUT	
74348A 36 8 *	PROSHARES TR	ULTRASHORT INDL	
74348A 90 8	PROSHARES TR	CALL	
74348A 95 8	PROSHARES TR	PUT	
74348A 37 6	PROSHARES TR	SHRT SMALLCAP60	
74348A 39 2 *	PROSHARES TR	ULTPRO SHT MDCP	
74348A 90 2	PROSHARES TR	CALL	
74348A 95 2	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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74348A 90 5	PROSHARES TR	CALL	
74348A 95 5	PROSHARES TR	PUT	
74348A 49 1 *	PROSHARES TR	ULSH 20YRTRE NEW	
74348A 90 1	PROSHARES TR	CALL	
74348A 95 1	PROSHARES TR	PUT	
74348A 52 5 *	PROSHARES TR	ULSHOIL&GASNEW13	
74348A 90 5	PROSHARES TR	CALL	
74348A 95 5	PROSHARES TR	PUT	
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 58 2	PROSHARES TR	ULTRAPRO FIN SEL	
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 AM 4	PROSPECT CAPITAL CORPORATION	NOTE 5.875% 1/1	
74348T AQ 5	PROSPECT CAPITAL CORPORATION	NOTE 4.750% 4/1	
74348T AR 3	PROSPECT CAPITAL CORPORATION	NOTE 4.950% 7/1	
74348T 10 2 *	PROSPECT CAPITAL CORPORATION	COM	
74348T 90 2	PROSPECT CAPITAL CORPORATION	CALL	
74348T 95 2	PROSPECT CAPITAL CORPORATION	PUT	
743606 10 5 *	PROSPERITY BANCSHARES INC	COM	
743606 90 5	PROSPERITY BANCSHARES INC	CALL	
743606 95 5	PROSPERITY BANCSHARES INC	PUT	
74365A AD 3	PROTALIX BIOTHERAPEUTICS INC	NOTE 7.500%11/1	
74365A 10 1 *	PROTALIX BIOTHERAPEUTICS INC	COM	
74365A 90 1	PROTALIX BIOTHERAPEUTICS INC	CALL	
74365A 95 1	PROTALIX BIOTHERAPEUTICS INC	PUT	
74366E 10 2	PROTAGONIST THERAPEUTICS INC	COM	
74368L 10 4	PROTECTIVE INS CORP	CL A	
74368L 20 3 *	PROTECTIVE INS CORP	CL B	
74368L 90 3	PROTECTIVE INS CORP	CALL	

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74368L 95 3	PROTECTIVE INS CORP	PUT	
74371L 10 9	PROTEON THERAPEUTICS INC	COM	
743713 10 9 *	PROTO LABS INC	COM	
743713 90 9	PROTO LABS INC	CALL	
743713 95 9	PROTO LABS INC	PUT	
74373B 10 9 *	PROTEOSTASIS THERAPEUTICS IN	COM	
74373B 90 9	PROTEOSTASIS THERAPEUTICS IN	CALL	
74373B 95 9	PROTEOSTASIS THERAPEUTICS IN	PUT	
74374N 10 2	PROVENTION BIO INC	COM	
743815 10 2 *	PROVIDENCE SVC CORP	COM	
743815 90 2	PROVIDENCE SVC CORP	CALL	
743815 95 2	PROVIDENCE SVC CORP	PUT	
74383X 10 9	PROVIDENT BANCORP INC	COM	
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	
74431A 10 1	PRUDENTIAL BANCORP INC NEW	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	
744573 10 6 *	PUBLIC SVC ENTERPRISE GROUP	COM	
744573 90 6	PUBLIC SVC ENTERPRISE GROUP	CALL	
744573 95 6	PUBLIC SVC ENTERPRISE GROUP	PUT	
74460D 10 9 *	PUBLIC STORAGE	COM	
74460D 90 9	PUBLIC STORAGE	CALL	
74460D 95 9	PUBLIC STORAGE	PUT	
74584P 10 3 *	PULMATRIX INC	COM	
74584P 90 3	PULMATRIX INC	CALL	
74584P 95 3	PULMATRIX INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
74621Q 10 6	PURE ACQUISITION CORP	CL A	
74621Q 11 4	PURE ACQUISITION CORP	*W EXP 04/17/202	
74621Q 20 5	PURE ACQUISITION CORP	UNIT 04/13/2023	
746228 30 3 *	PURECYCLE CORP	COM NEW	
746228 90 3	PURECYCLE CORP	CALL	
746228 95 3	PURECYCLE CORP	PUT	
74624M 10 2 *	PURE STORAGE INC	CL A	
74624M 90 2	PURE STORAGE INC	CALL	
74624M 95 2	PURE STORAGE INC	PUT	
74640Y 10 6	PURPLE INNOVATION INC	COM	
746823 10 3	PUTNAM MANAGED MUN INCOM 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	
74704P 10 8 *	PUXIN LTD	ADS	
74704P 90 8	PUXIN LTD	CALL	
74704P 95 8	PUXIN LTD	PUT	
74727A 10 4 *	QCR HOLDINGS INC	COM	
74727A 90 4	QCR HOLDINGS INC	CALL	
74727A 95 4	QCR HOLDINGS INC	PUT	
74727D 20 7	QAD INC	CL B	
74727D 30 6 *	QAD INC	CL A	
74727D 90 6	QAD INC	CALL	
74727D 95 6	QAD INC	PUT	
747301 10 9 *	QUAD / GRAPHICS INC	COM CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
747301 90 9	QUAD / GRAPHICS INC	CALL	
747301 95 9	QUAD / GRAPHICS INC	PUT	
74731Q 10 3 *	PZENA INVESTMENT MGMT INC	CLASS A	
74731Q 90 3	PZENA INVESTMENT MGMT INC	CALL	
74731Q 95 3	PZENA INVESTMENT MGMT INC	PUT	
747316 10 7 *	QUAKER CHEM CORP	COM	
747316 90 7	QUAKER CHEM CORP	CALL	
747316 95 7	QUAKER CHEM CORP	PUT	
74733V 10 0 *	QEP RES INC	COM	
74733V 90 0	QEP RES INC	CALL	
74733V 95 0	QEP RES INC	PUT	
74735M 10 8 *	QIWI PLC	SPON ADR REP B	
74735M 90 8	QIWI PLC	CALL	
74735M 95 8	QIWI PLC	PUT	
74736A 10 3 *	QTS RLTY TR INC	COM CL A	
74736A 90 3	QTS RLTY TR INC	CALL	
74736A 95 3	QTS RLTY TR INC	PUT	
74736A 30 1	QTS RLTY TR INC	6.50% CON PFD B	
74736K 10 1 *	QORVO INC	COM	
74736K 90 1	QORVO INC	CALL	
74736K 95 1	QORVO INC	PUT	
74736L 10 9 *	Q2 HLDGS INC	COM	
74736L 90 9	Q2 HLDGS INC	CALL	
74736L 95 9	Q2 HLDGS INC	PUT	
74737V 10 6 *	PYXUS INTL INC	COM	
74737V 90 6	PYXUS INTL INC	CALL	
74737V 95 6	PYXUS INTL INC	PUT	
747525 10 3 *	QUALCOMM INC	COM	
747525 90 3	QUALCOMM INC	CALL	
747525 95 3	QUALCOMM INC	PUT	
74758R 20 8	QUALSTAR CORP	COM NEW	
74758T 30 3 *	QUALYS INC	COM	
74758T 90 3	QUALYS INC	CALL	
74758T 95 3	QUALYS INC	PUT	

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747619 10 4 *	QUANEX BUILDING PRODUCTS COR	COM	
747619 90 4	QUANEX BUILDING PRODUCTS COR	CALL	
747619 95 4	QUANEX BUILDING PRODUCTS COR	PUT	
74762E 10 2 *	QUANTA SVCS INC	COM	
74762E 90 2	QUANTA SVCS INC	CALL	
74762E 95 2	QUANTA SVCS INC	PUT	
74766D 10 0 *	QUANTENNA COMMUNICATIONS INC	COM	
74766D 90 0	QUANTENNA COMMUNICATIONS INC	CALL	
74766D 95 0	QUANTENNA COMMUNICATIONS INC	PUT	
74766Q 10 1	QUANTERIX CORP	COM	
747713 10 5 *	QUARTERHILL INC	COM	
747713 90 5	QUARTERHILL INC	CALL	
747713 95 5	QUARTERHILL INC	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	
74837P 10 8 *	QUICKLOGIC CORP	COM	
74837P 90 8	QUICKLOGIC CORP	CALL	
74837P 95 8	QUICKLOGIC CORP	PUT	
74838J AA 9	QUIDEL CORP	NOTE	3.250%12/1
74838J 10 1 *	QUIDEL CORP	COM	
74838J 90 1	QUIDEL CORP	CALL	
74838J 95 1	QUIDEL CORP	PUT	
74874Q 10 0 *	QUINSTREET INC	COM	
74874Q 90 0	QUINSTREET INC	CALL	
74874Q 95 0	QUINSTREET INC	PUT	
74875T 10 3	QUINTANA ENERGY SVCS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
749063 10 3 *	QUMU CORP	COM	
749063 90 3	QUMU CORP	CALL	
749063 95 3	QUMU CORP	PUT	
74909E 10 6 *	QUORUM HEALTH CORP	COM	
74909E 90 6	QUORUM HEALTH CORP	CALL	
74909E 95 6	QUORUM HEALTH CORP	PUT	
749119 AB 9	QUOTIENT TECHNOLOGY INC	NOTE 1.750%12/0	ADDED
749119 10 3 *	QUOTIENT TECHNOLOGY INC	COM	
749119 90 3	QUOTIENT TECHNOLOGY INC	CALL	
749119 95 3	QUOTIENT TECHNOLOGY INC	PUT	
74915J 10 7 *	QUTOUTIAO INC	ADS REP SHS A	
74915J 90 7	QUTOUTIAO INC	CALL	
74915J 95 7	QUTOUTIAO INC	PUT	
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	
74933V 10 8 *	RA PHARMACEUTICALS INC	COM	
74933V 90 8	RA PHARMACEUTICALS INC	CALL	
74933V 95 8	RA PHARMACEUTICALS INC	PUT	
74933W 60 1	RBB FD INC	MOTLEY FOL ETF	
74933W 87 4	RBB FD INC	MFAM SMLCP GRWTH	ADDED
74933X 10 4	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	
749397 10 5	R1 RCM INC	COM	
749527 10 7 *	REV GROUP INC	COM	
749527 90 7	REV GROUP INC	CALL	
749527 95 7	REV GROUP INC	PUT	

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74955L 10 3	RGC RES INC	COM	
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	
749607 90 7	RLI CORP	CALL	
749607 95 7	RLI CORP	PUT	
74965F 20 3	RLJ ENTMT INC	COM NEW	DELETED
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	
74966K 30 0	RMG NETWORKS HLDG CORP	COM NEW	DELETED
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	
74967X 10 3 *	RH	COM	
74967X 90 3	RH	CALL	
74967X 95 3	RH	PUT	
749685 AT 0	RPM INTL INC	NOTE 2.250%12/1	DELETED
749685 10 3 *	RPM INTL INC	COM	
749685 90 3	RPM INTL INC	CALL	
749685 95 3	RPM INTL INC	PUT	
74971D 10 1 *	RPT REALTY	COM SH BEN INT	ADDED
74971D 90 1	RPT REALTY	CALL	ADDED
74971D 95 1	RPT REALTY	PUT	ADDED
74973W AB 3	RTI INTL METALS INC	NOTE 1.625%10/1	
74975N 10 5 *	RTI SURGICAL INC	COM	
74975N 90 5	RTI SURGICAL INC	CALL	
74975N 95 5	RTI SURGICAL INC	PUT	
749772 AB 5	RTW HLDGS INC	NOTE 5.625%11/1	
74979C 12 1	RXI PHARMACEUTICALS CORP NEW	*W EXP 12/16/202	DELETED
74979C 80 8	RXI PHARMACEUTICALS CORP NEW	COM PAR	DELETED

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74979W 10 1 *	RYB ED INC	ADR	
74979W 90 1	RYB ED INC	CALL	
74979W 95 1	RYB ED INC	PUT	
74980D 10 0 *	RTW RETAILWINDS INC	COM	ADDED
74980D 90 0	RTW RETAILWINDS INC	CALL	ADDED
74980D 95 0	RTW RETAILWINDS INC	PUT	ADDED
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	
750459 10 9 *	RADISYS CORP	COM	DELETED
750459 90 9	RADISYS CORP	CALL	DELETED
750459 95 9	RADISYS CORP	PUT	DELETED
750469 AA 6	RADIUS HEALTH INC	NOTE 3.000% 9/0	
750469 20 7 *	RADIUS HEALTH INC	COM NEW	
750469 90 7	RADIUS HEALTH INC	CALL	
750469 95 7	RADIUS HEALTH INC	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	
750917 AG 1	RAMBUS INC DEL	NOTE 1.375% 2/0	ADDED
750917 10 6 *	RAMBUS INC DEL	COM	
750917 90 6	RAMBUS INC DEL	CALL	
750917 95 6	RAMBUS INC DEL	PUT	
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	
751452 20 2 *	RAMCO-GERSHENSON PPTYS TR	COM SH BEN INT	DELETED

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751452 90 2	RAMCO-GERSHENSON PPTYS TR	CALL	DELETED
751452 95 2	RAMCO-GERSHENSON PPTYS TR	PUT	DELETED
751452 60 8	RAMCO-GERSHENSON PPTYS TR	PERP PFD-D CV	DELETED
752185 10 8	RAND CAP CORP	COM	
752344 30 9 *	RANDGOLD RES LTD	ADR	
752344 90 9	RANDGOLD RES LTD	CALL	
752344 95 9	RANDGOLD RES LTD	PUT	
752378 10 9	RANDOLPH BANCORP INC	COM	
75281A 10 9 *	RANGE RES CORP	COM	
75281A 90 9	RANGE RES CORP	CALL	
75281A 95 9	RANGE RES CORP	PUT	
75282U 10 4	RANGER ENERGY SVCS INC	COM CL A	
753422 10 4 *	RAPID7 INC	COM	
753422 90 4	RAPID7 INC	CALL	
753422 95 4	RAPID7 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	
754212 10 8 *	RAVEN INDS INC	COM	
754212 90 8	RAVEN INDS INC	CALL	
754212 95 8	RAVEN INDS INC	PUT	
754730 10 9 *	RAYMOND JAMES FINANCIAL INC	COM	
754730 90 9	RAYMOND JAMES FINANCIAL INC	CALL	
754730 95 9	RAYMOND JAMES FINANCIAL 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	
75508B 20 3	RAYONIER ADVANCED MATLS INC	PFD CV SER A	
755111 50 7 *	RAYTHEON CO	COM NEW	
755111 90 7	RAYTHEON CO	CALL	
755111 95 7	RAYTHEON CO	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
75524B 10 4 *	RBC BEARINGS INC	COM	
75524B 90 4	RBC BEARINGS INC	CALL	
75524B 95 4	RBC BEARINGS INC	PUT	
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	
755408 10 1 *	READING INTERNATIONAL INC	CL A	
755408 90 1	READING INTERNATIONAL INC	CALL	
755408 95 1	READING INTERNATIONAL INC	PUT	
755408 20 0	READING INTERNATIONAL INC	CL B	
75574U 10 1	READY CAP CORP	COM	ADDED
75574U 20 0	READY CAP CORP	7% CN SR NT 2023	ADDED
75601N 50 0	REAL GOODS SOLAR INC	CL A 2017	
75605A 10 8	REALITY SHS ETF TR	DIVS ETF	
75605A 40 5	REALITY SHS ETF TR	DIVCN LDRS ETF	
75605A 50 4	REALITY SHS ETF TR	DIVCN DIVD ETF	
75605A 60 3	REALITY SHS ETF TR	DIVCON DIV ETF	
75605A 70 2 *	REALITY SHS ETF TR	NSD NXGN ECO ETF	
75605A 90 2	REALITY SHS ETF TR	CALL	
75605A 95 2	REALITY SHS ETF TR	PUT	
75605A 80 1	REALITY SHS ETF TR	NASDAQ NEXGEN	
75605A 88 4	REALITY SHS ETF TR	FUNDDSTRAT DQM	ADDED
75605L 70 8 *	REALNETWORKS INC	COM NEW	
75605L 90 8	REALNETWORKS INC	CALL	
75605L 95 8	REALNETWORKS INC	PUT	
75605Y 10 6 *	REALOGY HLDGS CORP	COM	
75605Y 90 6	REALOGY HLDGS CORP	CALL	
75605Y 95 6	REALOGY HLDGS CORP	PUT	
75606L 10 3	REALM THERAPEUTICS PLC	SPONSORED ADS	
75606N AB 5	REALPAGE INC	NOTE 1.500%11/1	
75606N 10 9 *	REALPAGE INC	COM	
75606N 90 9	REALPAGE INC	CALL	
75606N 95 9	REALPAGE INC	PUT	
756109 10 4 *	REALTY INCOME CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
75629F 10 9 *	RECRO PHARMA INC	COM	
75629F 90 9	RECRO PHARMA INC	CALL	
75629F 95 9	RECRO PHARMA INC	PUT	
756577 AD 4	RED HAT INC	NOTE 0.250%10/0	
756577 10 2 *	RED HAT INC	COM	
756577 90 2	RED HAT INC	CALL	
756577 95 2	RED HAT INC	PUT	
756764 10 6 *	RED LION HOTELS CORP	COM	
756764 90 6	RED LION HOTELS CORP	CALL	
756764 95 6	RED LION HOTELS CORP	PUT	
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	
75737F AA 6	REDFIN CORP	NOTE 1.750% 7/1	
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	
757468 90 3	REDHILL BIOPHARMA LTD	CALL	
757468 95 3	REDHILL BIOPHARMA LTD	PUT	
758075 AC 9	REDWOOD TR INC	NOTE 4.750% 8/1	
758075 AD 7	REDWOOD TR INC	NOTE 5.625% 7/1	
758075 40 2 *	REDWOOD TR INC	COM	
758075 90 2	REDWOOD TR INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
758075 95 2	REDWOOD TR INC	PUT	
758338 10 7 *	REEDS INC	COM	
758338 90 7	REEDS INC	CALL	
758338 95 7	REEDS INC	PUT	
758750 10 3 *	REGAL BELOIT CORP	COM	
758750 90 3	REGAL BELOIT CORP	CALL	
758750 95 3	REGAL BELOIT CORP	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 10 1 *	REGIONAL HEALTH PPTYS INC	COM	
75903M 90 1	REGIONAL HEALTH PPTYS INC	CALL	
75903M 95 1	REGIONAL HEALTH PPTYS INC	PUT	
7591EP 10 0 *	REGIONS FINL CORP NEW	COM	
7591EP 90 0	REGIONS FINL CORP NEW	CALL	
7591EP 95 0	REGIONS FINL CORP NEW	PUT	
75915K 10 1 *	REGULUS THERAPEUTICS INC	COM	DELETED
75915K 90 1	REGULUS THERAPEUTICS INC	CALL	DELETED
75915K 95 1	REGULUS THERAPEUTICS INC	PUT	DELETED
75915K 20 0 *	REGULUS THERAPEUTICS INC	COM NEW	ADDED
75915K 90 0	REGULUS THERAPEUTICS INC	CALL	ADDED
75915K 95 0	REGULUS THERAPEUTICS INC	PUT	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
759351 60 4 *	REINSURANCE GROUP AMER INC	COM NEW	
759351 90 4	REINSURANCE GROUP AMER INC	CALL	
759351 95 4	REINSURANCE GROUP AMER INC	PUT	
75936P 10 5 *	REIS INC	COM	DELETED
75936P 90 5	REIS INC	CALL	DELETED
75936P 95 5	REIS INC	PUT	DELETED
759509 10 2 *	RELIANCE STEEL & ALUMINUM CO	COM	
759509 90 2	RELIANCE STEEL & ALUMINUM CO	CALL	
759509 95 2	RELIANCE STEEL & ALUMINUM CO	PUT	
75952R 20 9	RELIV INTL INC	COM NEW	
759530 10 8	RELX PLC	SPONSORED ADR	
75955K 10 2 *	REMARK HLDGS INC	COM	
75955K 90 2	REMARK HLDGS INC	CALL	
75955K 95 2	REMARK HLDGS INC	PUT	
75956B 10 1	RELIANT BANCORP INC	COM	
75970E 10 7 *	RENASANT CORP	COM	
75970E 90 7	RENASANT CORP	CALL	
75970E 95 7	RENASANT CORP	PUT	
75971T 30 1 *	RENESOLA LTD	SPONSORED ADS	
75971T 90 1	RENESOLA LTD	CALL	
75971T 95 1	RENESOLA LTD	PUT	
75972A AA 1	RENEWABLE ENERGY GROUP INC	NOTE 2.750% 6/1	
75972A AC 7	RENEWABLE ENERGY GROUP INC	NOTE 4.000% 6/1	
75972A 30 1 *	RENEWABLE ENERGY GROUP INC	COM NEW	
75972A 90 1	RENEWABLE ENERGY GROUP INC	CALL	
75972A 95 1	RENEWABLE ENERGY GROUP INC	PUT	
759720 10 5	RENN FD INC	COM	
759892 20 1 *	RENREN INC	SPON ADR A NEW	
759892 90 1	RENREN INC	CALL	
759892 95 1	RENREN INC	PUT	
759916 AA 7	REPLIGEN CORP	NOTE 2.125% 6/0	
759916 10 9 *	REPLIGEN CORP	COM	
759916 90 9	REPLIGEN CORP	CALL	
759916 95 9	REPLIGEN CORP	PUT	

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759937 20 4	RENAISSANCE CAP GREENWICH FD	IPO ETF	
759937 30 3	RENAISSANCE CAP GREENWICH FD	INTNTL IPO ETF	
76009N 10 0 *	RENT A CTR INC NEW	COM	
76009N 90 0	RENT A CTR INC NEW	CALL	
76009N 95 0	RENT A CTR INC NEW	PUT	
760281 20 4 *	REPUBLIC BANCORP KY	CL A	
760281 90 4	REPUBLIC BANCORP KY	CALL	
760281 95 4	REPUBLIC BANCORP KY	PUT	
76029N 10 6	REPLIMUNE GROUP INC	COM	
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	
760911 10 7 *	RESEARCH FRONTIERS INC	COM	
760911 90 7	RESEARCH FRONTIERS INC	CALL	
760911 95 7	RESEARCH FRONTIERS INC	PUT	
761123 40 5	RESHAPE LIFESCIENCES INC	COM NEW	DELETED
761152 10 7 *	RESMED INC	COM	
761152 90 7	RESMED INC	CALL	
761152 95 7	RESMED INC	PUT	
76116A 30 6 *	RESOLUTE ENERGY CORP	COM NEW	
76116A 90 6	RESOLUTE ENERGY CORP	CALL	
76116A 95 6	RESOLUTE ENERGY CORP	PUT	
76117W 10 9 *	RESOLUTE FST PRODS INC	COM	
76117W 90 9	RESOLUTE FST PRODS INC	CALL	
76117W 95 9	RESOLUTE FST PRODS INC	PUT	
76118L 10 2 *	RESONANT INC	COM	
76118L 90 2	RESONANT INC	CALL	
76118L 95 2	RESONANT INC	PUT	
76118Y 10 4 *	RESIDEO TECHNOLOGIES INC	COM	ADDED
76118Y 90 4	RESIDEO TECHNOLOGIES INC	CALL	ADDED
76118Y 95 4	RESIDEO TECHNOLOGIES INC	PUT	ADDED

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
76120W AA 2	RESOURCE CAP CORP	NOTE 6.000%12/0	DELETED
76120W AB 0	RESOURCE CAP CORP	NOTE 8.000% 1/1	
76120W AC 8	RESOURCE CAP CORP	NOTE 4.500% 8/1	ADDED
76122Q 10 5 *	RESOURCES CONNECTION INC	COM	
76122Q 90 5	RESOURCES CONNECTION INC	CALL	
76122Q 95 5	RESOURCES CONNECTION INC	PUT	
761283 AC 4	RESTORATION HARDWARE HLDGS I	DBCV 7/1	
761283 AD 2	RESTORATION HARDWARE HLDGS I	NOTE 6/1	
76129W 10 5	RETRACTABLE TECHNOLOGIES INC	COM	
761299 AB 2	RETROPHIN INC	NOTE 2.500% 9/1	
761299 10 6 *	RETROPHIN INC	COM	
761299 90 6	RETROPHIN INC	CALL	
761299 95 6	RETROPHIN INC	PUT	
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	
76131V 20 2 *	RETAIL PPTYS AMER INC	CL A	
76131V 90 2	RETAIL PPTYS AMER INC	CALL	
76131V 95 2	RETAIL PPTYS AMER INC	PUT	
76133C 10 3	RESTORATION ROBOTICS INC	COM	
76133L 10 3	RESTORBIO INC	COM	
76133Q 10 2	RETAIL VALUE INC	COM	
761330 10 9 *	REVANCE THERAPEUTICS INC	COM	
761330 90 9	REVANCE THERAPEUTICS INC	CALL	
761330 95 9	REVANCE THERAPEUTICS INC	PUT	
761378 20 7	REVEN HSG REIT INC	COM NEW	
761525 60 9 *	REVLON INC	CL A NEW	
761525 90 9	REVLON INC	CALL	
761525 95 9	REVLON INC	PUT	
76155G 20 6 *	REVOLUTION LIGHTING TECHNOLO	COM NEW	
76155G 90 6	REVOLUTION LIGHTING TECHNOLO	CALL	

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76155G 95 6	REVOLUTION LIGHTING TECHNOLO	PUT	
761624 10 5	REX AMERICAN RESOURCES CORP	COM	
761640 20 0 *	REXAHN PHARMACEUTICALS INC	COM NEW	
761640 90 0	REXAHN PHARMACEUTICALS INC	CALL	
761640 95 0	REXAHN PHARMACEUTICALS INC	PUT	
76169B 10 2 *	REXNORD CORP NEW	COM	
76169B 90 2	REXNORD CORP NEW	CALL	
76169B 95 2	REXNORD CORP NEW	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	
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 11 3	RICEBRAN TECHNOLOGIES	*W EXP 12/18/201	DELETED
762831 20 4	RICEBRAN TECHNOLOGIES	COM NEW	
763165 10 7 *	RICHARDSON ELECTRS LTD	COM	
763165 90 7	RICHARDSON ELECTRS LTD	CALL	
763165 95 7	RICHARDSON ELECTRS LTD	PUT	
766559 60 3 *	RIGEL PHARMACEUTICALS INC	COM NEW	
766559 90 3	RIGEL PHARMACEUTICALS INC	CALL	
766559 95 3	RIGEL PHARMACEUTICALS INC	PUT	
766582 10 0 *	RIGNET INC	COM	
766582 90 0	RIGNET INC	CALL	
766582 95 0	RIGNET INC	PUT	
76674Q 10 7	RIMINI STR INC DEL	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 BLOCKCHAIN INC	COM	
767292 90 5	RIOT BLOCKCHAIN INC	CALL	
767292 95 5	RIOT BLOCKCHAIN INC	PUT	
76761L 10 2 *	RISE ED CAYMAN LTD	SPONSORED ADR	
76761L 90 2	RISE ED CAYMAN LTD	CALL	
76761L 95 2	RISE ED CAYMAN LTD	PUT	
767744 10 5 *	RITCHIE BROS AUCTIONEERS	COM	
767744 90 5	RITCHIE BROS AUCTIONEERS	CALL	
767744 95 5	RITCHIE BROS AUCTIONEERS	PUT	
767754 10 4 *	RITE AID CORP	COM	
767754 90 4	RITE AID CORP	CALL	
767754 95 4	RITE AID CORP	PUT	
767836 30 7	RITTER PHARMACEUTICALS INC	COM NEW	
76881Y 10 9	RIVERNORTH OPPRTUNITIES FD I	COM	
76882G 10 7	RIVERNORTH DOUBLELINE STRATE	COM	
76883F 10 8	RIVERNORTH OPPORTUNISTIC MUN	COM	ADDED
769397 10 0 *	RIVERVIEW BANCORP INC	COM	
769397 90 0	RIVERVIEW BANCORP INC	CALL	
769397 95 0	RIVERVIEW BANCORP INC	PUT	
76940Q 10 5	RIVERVIEW FINL CORP NEW	COM	
76970B 10 1	RMR REAL ESTATE INCOME FUND	COM	
76973Q 10 5 *	ROADRUNNER TRNSN SVCS HLDG I	COM	
76973Q 90 5	ROADRUNNER TRNSN SVCS HLDG I	CALL	
76973Q 95 5	ROADRUNNER TRNSN SVCS HLDG I	PUT	
769755 10 9	ROAN RES INC	CL A COM	ADDED
770323 10 3 *	ROBERT HALF INTL INC	COM	
770323 90 3	ROBERT HALF INTL INC	CALL	
770323 95 3	ROBERT HALF INTL INC	PUT	
77313F 10 6 *	ROCKET PHARMACEUTICALS INC	COM	
77313F 90 6	ROCKET PHARMACEUTICALS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
77313F 95 6	ROCKET PHARMACEUTICALS INC	PUT	
773903 10 9 *	ROCKWELL AUTOMATION INC	COM	
773903 90 9	ROCKWELL AUTOMATION INC	CALL	
773903 95 9	ROCKWELL AUTOMATION INC	PUT	
774341 10 1 *	ROCKWELL COLLINS INC	COM	DELETED
774341 90 1	ROCKWELL COLLINS INC	CALL	DELETED
774341 95 1	ROCKWELL COLLINS INC	PUT	DELETED
774374 10 2 *	ROCKWELL MED INC	COM	
774374 90 2	ROCKWELL MED INC	CALL	
774374 95 2	ROCKWELL MED INC	PUT	
774515 10 0	ROCKY BRANDS INC	COM	
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	
776696 AA 4	ROPER TECHNOLOGIES INC	FRNT	1/1
776696 10 6 *	ROPER TECHNOLOGIES INC	COM	
776696 90 6	ROPER TECHNOLOGIES INC	CALL	
776696 95 6	ROPER TECHNOLOGIES INC	PUT	
777385 10 5	ROSEHILL RES INC	CL A	
777385 11 3	ROSEHILL RES INC	*W EXP 09/16/202	
777385 20 4	ROSEHILL RES INC	UNIT 12/31/2020	
777780 10 7 *	ROSETTA STONE INC	COM	
777780 90 7	ROSETTA STONE INC	CALL	
777780 95 7	ROSETTA STONE INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
778296 10 3 *	ROSS STORES INC	COM	
778296 90 3	ROSS STORES INC	CALL	
778296 95 3	ROSS STORES INC	PUT	
779376 AD 4	ROVI CORP	NOTE 0.500% 3/0	
780087 10 2 *	ROYAL BK CDA MONTREAL QUE	COM	
780087 90 2	ROYAL BK CDA MONTREAL QUE	CALL	
780087 95 2	ROYAL BK CDA MONTREAL QUE	PUT	
780097 68 9 *	ROYAL BK SCOTLAND GROUP PLC	SPONS ADR 2 ORD	
780097 90 9	ROYAL BK SCOTLAND GROUP PLC	CALL	
780097 95 9	ROYAL BK SCOTLAND GROUP PLC	PUT	
780097 73 9	ROYAL BK SCOTLAND GROUP PLC	SP ADR PREF S	DELETED
780259 10 7 *	ROYAL DUTCH SHELL PLC	SPON ADR B	
780259 90 7	ROYAL DUTCH SHELL PLC	CALL	
780259 95 7	ROYAL DUTCH SHELL PLC	PUT	
780259 20 6 *	ROYAL DUTCH SHELL PLC	SPONS ADR A	
780259 90 6	ROYAL DUTCH SHELL PLC	CALL	
780259 95 6	ROYAL DUTCH SHELL PLC	PUT	
780287 AA 6	ROYAL GOLD INC	NOTE 2.875% 6/1	
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	
78112T 20 6 *	RUBICON TECHNOLOGY INC	COM NEW	
78112T 90 6	RUBICON TECHNOLOGY INC	CALL	
78112T 95 6	RUBICON TECHNOLOGY INC	PUT	
78112V 10 2 *	RUBICON PROJ INC	COM	
78112V 90 2	RUBICON PROJ INC	CALL	
78112V 95 2	RUBICON PROJ INC	PUT	
78116T 10 3 *	RUBIUS THERAPEUTICS INC	COM	
78116T 90 3	RUBIUS THERAPEUTICS INC	CALL	
78116T 95 3	RUBIUS THERAPEUTICS INC	PUT	
781270 10 3 *	RUDOLPH TECHNOLOGIES INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
781270 90 3	RUDOLPH TECHNOLOGIES INC	CALL	
781270 95 3	RUDOLPH TECHNOLOGIES INC	PUT	
781386 20 6	RUMBLEON INC	CL 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	
783332 10 9 *	RUTHS HOSPITALITY GROUP INC	COM	
783332 90 9	RUTHS HOSPITALITY GROUP INC	CALL	
783332 95 9	RUTHS HOSPITALITY GROUP INC	PUT	
783513 20 3 *	RYANAIR HLDGS PLC	SPONSORED ADR NE	
783513 90 3	RYANAIR HLDGS PLC	CALL	
783513 95 3	RYANAIR HLDGS 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	
783764 AS 2	RYLAND GROUP INC	NOTE 0.250% 6/0	
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	
78408D 10 5	SB FINL GROUP INC	COM	
78408D 20 4	SB FINL GROUP INC	DEP SHS PFD 6.5%	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
784117 10 3 *	SEI INVESTMENTS CO	COM	
784117 90 3	SEI INVESTMENTS CO	CALL	
784117 95 3	SEI INVESTMENTS CO	PUT	
78413P 10 1	SEACOR MARINE HLDGS INC	COM	
78413T 10 3	SB ONE BANCORP	COM	
78418A 30 7	SG BLOCKS INC	COM PAR	
78425V 10 4	SI FINL GROUP INC MD	COM	
784305 10 4 *	SJW GROUP	COM	
784305 90 4	SJW GROUP	CALL	
784305 95 4	SJW GROUP	PUT	
78440P 10 8 *	SK TELECOM LTD	SPONSORED ADR	
78440P 90 8	SK TELECOM LTD	CALL	
78440P 95 8	SK TELECOM LTD	PUT	
78440X 10 1 *	SL GREEN RLTY CORP	COM	
78440X 90 1	SL GREEN RLTY CORP	CALL	
78440X 95 1	SL GREEN RLTY CORP	PUT	
78442P 10 6 *	SLM CORP	COM	
78442P 90 6	SLM CORP	CALL	
78442P 95 6	SLM CORP	PUT	
78454L AM 2	SM ENERGY CO	NOTE 1.500% 7/0	
78454L 10 0 *	SM ENERGY CO	COM	
78454L 90 0	SM ENERGY CO	CALL	
78454L 95 0	SM ENERGY CO	PUT	
78461U 10 1 *	SORL AUTO PTS INC	COM	
78461U 90 1	SORL AUTO PTS INC	CALL	
78461U 95 1	SORL AUTO PTS INC	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 TRUST	GOLD SHS	
78463V 90 7	SPDR GOLD TRUST	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78463V 95 7	SPDR GOLD TRUST	PUT	
78463X 10 3	SPDR INDEX SHS FDS	STOXX EUR 50 ETF	
78463X 14 5	SPDR INDEX SHS FDS	SOLACTV HK ETF	
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	LOW CARBON ETF	
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 21 0	SPDR INDEX SHS FDS	MSCI CHINA ETF	
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 33 5	SPDR INDEX SHS FDS	SOLACTIVE UK ETF	
78463X 35 0	SPDR INDEX SHS FDS	SOLACTIVE GERMNY	
78463X 36 8	SPDR INDEX SHS FDS	SOLACTIVE JAPAN	
78463X 37 6	SPDR INDEX SHS FDS	SOLACTIVE CANADA	
78463X 39 2	SPDR INDEX SHS FDS	EUR STOXX SMCP	
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	
78463X 42 6	SPDR INDEX SHS FDS	MSCI EMRG MKTS	
78463X 43 4	SPDR INDEX SHS FDS	MSCI EAFE STRTGC	
78463X 45 9	SPDR INDEX SHS FDS	S&P GLBDIV ETF	
78463X 47 5	SPDR INDEX SHS FDS	MSCI ACWI ETF	
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	

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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	
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	
784635 10 4 *	SPX CORP	COM	
784635 90 4	SPX CORP	CALL	
784635 95 4	SPX CORP	PUT	
78464A 10 2	SPDR SERIES TRUST	NYSE TECH ETF	
78464A 11 0	SPDR SERIES TRUST	FACTST INV ETF	
78464A 12 8	SPDR SERIES TRUST	SPDR S&P1500VL	
78464A 14 4	SPDR SERIES TRUST	BLOMURG BRC CORP	
78464A 15 1	SPDR SERIES TRUST	BLOMURG BRC INTL	

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78464A 20 1	SPDR SERIES TRUST	S&P 600 SMCP GRW	
78464A 28 4 *	SPDR SERIES TRUST	NUV HGHYLD MUN	
78464A 90 4	SPDR SERIES TRUST	CALL	
78464A 95 4	SPDR SERIES TRUST	PUT	
78464A 29 2	SPDR SERIES TRUST	WELLS FG PFD ETF	
78464A 30 0	SPDR SERIES TRUST	S&P 600 SMCP VAL	
78464A 33 4	SPDR SERIES TRUST	BLOMBERG BRC INT	
78464A 35 9 *	SPDR SERIES TRUST	BLMBRG BRC CNVRT	
78464A 90 9	SPDR SERIES TRUST	CALL	
78464A 95 9	SPDR SERIES TRUST	PUT	
78464A 36 7	SPDR SERIES TRUST	PORTFOLIO LN COR	
78464A 37 5	SPDR SERIES TRUST	PORTFOLIO INTRMD	
78464A 38 3	SPDR SERIES TRUST	BLOMBRG BRC MRTG	
78464A 39 1 *	SPDR SERIES TRUST	BLOMBRG BRC EMRG	
78464A 90 1	SPDR SERIES TRUST	CALL	
78464A 95 1	SPDR SERIES TRUST	PUT	
78464A 40 9 *	SPDR SERIES TRUST	PRTFLO S&P500 GW	
78464A 90 9	SPDR SERIES TRUST	CALL	
78464A 95 9	SPDR SERIES TRUST	PUT	
78464A 41 7 *	SPDR SERIES TRUST	BLOOMBERG BRCLYS	
78464A 90 7	SPDR SERIES TRUST	CALL	
78464A 95 7	SPDR SERIES TRUST	PUT	
78464A 47 4 *	SPDR SERIES TRUST	PORTFOLIO SHORT	
78464A 90 4	SPDR SERIES TRUST	CALL	
78464A 95 4	SPDR SERIES TRUST	PUT	
78464A 49 0	SPDR SERIES TRUST	FTSE INT GVT ETF	
78464A 50 8 *	SPDR SERIES TRUST	PRTFLO S&P500 VL	
78464A 90 8	SPDR SERIES TRUST	CALL	
78464A 95 8	SPDR SERIES TRUST	PUT	
78464A 51 6 *	SPDR SERIES TRUST	BLOMBERG INTL TR	
78464A 90 6	SPDR SERIES TRUST	CALL	
78464A 95 6	SPDR SERIES TRUST	PUT	
78464A 53 2	SPDR SERIES TRUST	S&P TRANSN ETF	
78464A 54 0	SPDR SERIES TRUST	S&P TELECOM	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
78464A 57 3	SPDR SERIES TRUST	HLTH CARE SVCS	
78464A 58 1	SPDR SERIES TRUST	HLTH CR EQUIP	
78464A 59 9	SPDR SERIES TRUST	COMP SOFTWARE	
78464A 60 7 *	SPDR SERIES TRUST	DJ REIT ETF	
78464A 90 7	SPDR SERIES TRUST	CALL	
78464A 95 7	SPDR SERIES TRUST	PUT	
78464A 63 1 *	SPDR SERIES TRUST	AEROSPACE DEF	
78464A 90 1	SPDR SERIES TRUST	CALL	
78464A 95 1	SPDR SERIES TRUST	PUT	
78464A 64 9	SPDR SERIES TRUST	PORTFOLIO AGRGTE	
78464A 65 6 *	SPDR SERIES TRUST	BLOMBERG BRC TIPS	
78464A 90 6	SPDR SERIES TRUST	CALL	
78464A 95 6	SPDR SERIES TRUST	PUT	
78464A 66 4 *	SPDR SERIES TRUST	PORTFOLIO LN TSR	
78464A 90 4	SPDR SERIES TRUST	CALL	
78464A 95 4	SPDR SERIES TRUST	PUT	
78464A 67 2 *	SPDR SERIES TRUST	BLMBRG BRC INTRM	
78464A 90 2	SPDR SERIES TRUST	CALL	
78464A 95 2	SPDR SERIES TRUST	PUT	
78464A 69 8 *	SPDR SERIES TRUST	S&P REGL BKG	
78464A 90 8	SPDR SERIES TRUST	CALL	
78464A 95 8	SPDR SERIES TRUST	PUT	
78464A 70 6 *	SPDR SERIES TRUST	GLB DOW ETF	
78464A 90 6	SPDR SERIES TRUST	CALL	
78464A 95 6	SPDR SERIES TRUST	PUT	
78464A 71 4 *	SPDR SERIES TRUST	S&P RETAIL ETF	
78464A 90 4	SPDR SERIES TRUST	CALL	
78464A 95 4	SPDR SERIES TRUST	PUT	
78464A 72 2 *	SPDR SERIES TRUST	S&P PHARMAC	
78464A 90 2	SPDR SERIES TRUST	CALL	
78464A 95 2	SPDR SERIES TRUST	PUT	
78464A 73 0 *	SPDR SERIES TRUST	S&P OILGAS EXP	
78464A 90 0	SPDR SERIES TRUST	CALL	
78464A 95 0	SPDR SERIES TRUST	PUT	

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78464A 74 8 *	SPDR SERIES TRUST	OILGAS EQUIP	
78464A 90 8	SPDR SERIES TRUST	CALL	
78464A 95 8	SPDR SERIES TRUST	PUT	
78464A 75 5 *	SPDR SERIES TRUST	S&P METALS MNG	
78464A 90 5	SPDR SERIES TRUST	CALL	
78464A 95 5	SPDR SERIES TRUST	PUT	
78464A 76 3 *	SPDR SERIES TRUST	S&P DIVID ETF	
78464A 90 3	SPDR SERIES TRUST	CALL	
78464A 95 3	SPDR SERIES TRUST	PUT	
78464A 77 1 *	SPDR SERIES TRUST	S&P CAP MKTS	
78464A 90 1	SPDR SERIES TRUST	CALL	
78464A 95 1	SPDR SERIES TRUST	PUT	
78464A 78 9 *	SPDR SERIES TRUST	S&P INS ETF	
78464A 90 9	SPDR SERIES TRUST	CALL	
78464A 95 9	SPDR SERIES TRUST	PUT	
78464A 79 7 *	SPDR SERIES TRUST	S&P BK ETF	
78464A 90 7	SPDR SERIES TRUST	CALL	
78464A 95 7	SPDR SERIES TRUST	PUT	
78464A 80 5 *	SPDR SERIES TRUST	PORTFOLIO TL STK	
78464A 90 5	SPDR SERIES TRUST	CALL	
78464A 95 5	SPDR SERIES TRUST	PUT	
78464A 81 3 *	SPDR SERIES TRUST	S&P 600 SML CAP	
78464A 90 3	SPDR SERIES TRUST	CALL	
78464A 95 3	SPDR SERIES TRUST	PUT	
78464A 82 1 *	SPDR SERIES TRUST	S&P 400 MDCP GRW	
78464A 90 1	SPDR SERIES TRUST	CALL	
78464A 95 1	SPDR SERIES TRUST	PUT	
78464A 83 9 *	SPDR SERIES TRUST	S&P 400 MDCP VAL	
78464A 90 9	SPDR SERIES TRUST	CALL	
78464A 95 9	SPDR SERIES TRUST	PUT	
78464A 84 7 *	SPDR SERIES TRUST	PORTFOLIO MD ETF	
78464A 90 7	SPDR SERIES TRUST	CALL	
78464A 95 7	SPDR SERIES TRUST	PUT	
78464A 85 4 *	SPDR SERIES TRUST	PORTFOLIO LR ETF	

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78464A 90 4	SPDR SERIES TRUST	CALL	
78464A 95 4	SPDR SERIES TRUST	PUT	
78464A 86 2 *	SPDR SERIES TRUST	S&P SEMICNDCTR	
78464A 90 2	SPDR SERIES TRUST	CALL	
78464A 95 2	SPDR SERIES TRUST	PUT	
78464A 87 0 *	SPDR SERIES TRUST	S&P BIOTECH	
78464A 90 0	SPDR SERIES TRUST	CALL	
78464A 95 0	SPDR SERIES TRUST	PUT	
78464A 88 8 *	SPDR SERIES TRUST	S&P HOMEBUILD	
78464A 90 8	SPDR SERIES TRUST	CALL	
78464A 95 8	SPDR SERIES TRUST	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 20 2	SSGA ACTIVE ETF TR	INCOM ALLO ETF	
78467V 40 0	SSGA ACTIVE ETF TR	GLOBL ALLO ETF	
78467V 60 8	SSGA ACTIVE ETF TR	BLKSTN GSOSRLN	
78467V 70 7	SSGA ACTIVE ETF TR	ULT SHT TRM BD	
78467V 80 6	SSGA ACTIVE ETF TR	MFS SYS COR EQ	
78467V 84 8	SSGA ACTIVE ETF TR	SPDR TR TACTIC	
78467V 87 1	SSGA ACTIVE ETF TR	MFS SYS VAL EQ	
78467V 88 9	SSGA ACTIVE ETF TR	MFS SYS GWT EQ	
78467X 10 9 *	SPDR DOW JONES INDL AVRG ETF	UT SER 1	
78467X 90 9	SPDR DOW JONES INDL AVRG ETF	CALL	
78467X 95 9	SPDR DOW JONES INDL AVRG ETF	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 11 9	SPDR SER TR	S&P TECH HARDWRE	
78468R 12 7	SPDR SER TR	S&P INTERNET ETF	
78468R 20 0	SPDR SER TR	BLOMBERG BRC INV	
78468R 40 8 *	SPDR SER TR	BLOOMBERG SRT TR	

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78468R 90 8	SPDR SER TR	CALL	
78468R 95 8	SPDR SER TR	PUT	
78468R 60 6	SPDR SER TR	ICE BOFAML ETF	
78468R 63 0	SPDR SER TR	KENSHO FNL FRO	ADDED
78468R 64 8	SPDR SER TR	KENSHO NEW ECO	ADDED
78468R 65 5	SPDR SER TR	KENSHO CLN PWR	ADDED
78468R 66 3 *	SPDR SER TR	SPDR BLOOMBERG	
78468R 90 3	SPDR SER TR	CALL	
78468R 95 3	SPDR SER TR	PUT	
78468R 67 1	SPDR SER TR	KENSHO FUTURE	
78468R 68 9	SPDR SER TR	KENSHO SMART	
78468R 69 7	SPDR SER TR	KENSHO INTELGN	
78468R 70 5	SPDR SER TR	S&P1500MOMTILT	
78468R 71 3	SPDR SER TR	DORSEY WRGT FI	
78468R 72 1 *	SPDR SER TR	NUVEEN BRC MUNIC	
78468R 90 1	SPDR SER TR	CALL	
78468R 95 1	SPDR SER TR	PUT	
78468R 73 9	SPDR SER TR	NUVEEN BLMBRG SR	
78468R 74 7	SPDR SER TR	SSGA GNDER ETF	
78468R 75 4	SPDR SER TR	RUSSELL LOW VOL	
78468R 76 2	SPDR SER TR	RUSSELL MOMENTUM	
78468R 77 0	SPDR SER TR	RUSSELL YIELD	
78468R 78 8	SPDR SER TR	PRTFLO S&P500 HI	
78468R 79 6	SPDR SER TR	SPDR S&P 500 ETF	
78468R 80 4	SPDR SER TR	SSGA US LRG ETF	
78468R 81 2	SPDR SER TR	MSCI USA STRTGIC	
78468R 82 0	SPDR SER TR	S&P 500 BUYBCK	
78468R 85 3 *	SPDR SER TR	PORTFOLIO SM ETF	
78468R 90 3	SPDR SER TR	CALL	
78468R 95 3	SPDR SER TR	PUT	
78468R 86 1	SPDR SER TR	BLOMBERG 1 10 YR	
78468R 88 7	SPDR SER TR	SSGA US SMAL ETF	
78469C 10 3 *	SP PLUS CORP	COM	
78469C 90 3	SP PLUS CORP	CALL	

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78469C 95 3	SP PLUS CORP	PUT	
78469X 10 7 *	SPX FLOW INC	COM	
78469X 90 7	SPX FLOW INC	CALL	
78469X 95 7	SPX FLOW INC	PUT	
78470E 10 6	SPDR INDEX SHS FDS	MSCI EAFE FS ETF	
78470E 20 5	SPDR INDEX SHS FDS	MSCI EMR MKT ETF	
78470P 20 0	SSGA ACTIVE TR	SPDR DBLELN SHRT	
78470P 30 9	SSGA ACTIVE TR	SPDR DBLELN EMRG	
78470V 10 8 *	SRC ENERGY INC	COM	
78470V 90 8	SRC ENERGY INC	CALL	
78470V 95 8	SRC ENERGY INC	PUT	
784730 10 3 *	SSR MNG INC	COM	
784730 90 3	SSR MNG INC	CALL	
784730 95 3	SSR MNG INC	PUT	
78486Q 10 1 *	SVB FINL GROUP	COM	
78486Q 90 1	SVB FINL GROUP	CALL	
78486Q 95 1	SVB FINL GROUP	PUT	
78489X 10 3 *	SVMK INC	COM	
78489X 90 3	SVMK INC	CALL	
78489X 95 3	SVMK INC	PUT	
784933 10 3	SPAR GROUP INC	COM	
785135 10 4 *	S&W SEED CO	COM	
785135 90 4	S&W SEED CO	CALL	
785135 95 4	S&W SEED CO	PUT	
78516C 10 6	SABAN CAP ACQUISITION CORP	COM CL A	
78516C 11 4	SABAN CAP ACQUISITION CORP	*W EXP 09/21/202	
78516C 20 5	SABAN CAP ACQUISITION CORP	UNIT 99/99/9999	
785688 10 2	SABINE ROYALTY 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	

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78590A 10 9	SACHEM CAP CORP	COM	
78636X 87 3	SAEXPLORATION HLDGS INC	COM PAR	
78643B 30 2	SAFE T GROUP LTD	SPONSORED ADS	
786449 20 7 *	SAFEGUARD SCIENTIFICS INC	COM NEW	
786449 90 7	SAFEGUARD SCIENTIFICS INC	CALL	
786449 95 7	SAFEGUARD SCIENTIFICS INC	PUT	
78648T 10 0 *	SAFETY INS GROUP INC	COM	
78648T 90 0	SAFETY INS GROUP INC	CALL	
78648T 95 0	SAFETY INS GROUP INC	PUT	
78649D 10 4 *	SAFETY INCOME & GROWTH INC	COM	
78649D 90 4	SAFETY INCOME & GROWTH INC	CALL	
78649D 95 4	SAFETY INCOME & GROWTH INC	PUT	
786598 30 0	SAGA COMMUNICATIONS INC	CL A NEW	
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	
78781P 10 5 *	SAILPOINT TECHNLGIES HLDGS I	COM	
78781P 90 5	SAILPOINT TECHNLGIES HLDGS I	CALL	
78781P 95 5	SAILPOINT TECHNLGIES HLDGS I	PUT	
790148 10 0 *	ST JOE CO	COM	
790148 90 0	ST JOE CO	CALL	
790148 95 0	ST JOE CO	PUT	
794093 10 4 *	SALEM MEDIA GROUP INC	CL A	
794093 90 4	SALEM MEDIA GROUP INC	CALL	
794093 95 4	SALEM MEDIA GROUP INC	PUT	
79466L 30 2 *	SALESFORCE COM INC	COM	
79466L 90 2	SALESFORCE COM INC	CALL	
79466L 95 2	SALESFORCE COM INC	PUT	
79471V 10 5	SALIENT MIDSTREAM & MLP FD	SH BEN INT	
795226 10 9	SALISBURY BANCORP INC	COM	
79546E 10 4 *	SALLY BEAUTY HLDGS INC	COM	

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79546E 90 4	SALLY BEAUTY HLDGS INC	CALL	
79546E 95 4	SALLY BEAUTY HLDGS 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	
79970Y 10 5 *	SANCHEZ ENERGY CORP	COM	
79970Y 90 5	SANCHEZ ENERGY CORP	CALL	
79970Y 95 5	SANCHEZ ENERGY CORP	PUT	
79971C 20 1	SANCHEZ MIDSTREAM PARTNERS L	COM UNITS REP B	
800013 10 4 *	SANDERSON FARMS INC	COM	
800013 90 4	SANDERSON FARMS INC	CALL	
800013 95 4	SANDERSON FARMS INC	PUT	
80004C AF 8	SANDISK CORP	NOTE 0.500%10/1	
80007A 10 2 *	SANDRIDGE PERMIAN TR	COM UNIT BEN INT	
80007A 90 2	SANDRIDGE PERMIAN TR	CALL	
80007A 95 2	SANDRIDGE PERMIAN TR	PUT	
80007P 86 9 *	SANDRIDGE ENERGY INC	COM NEW	
80007P 90 9	SANDRIDGE ENERGY INC	CALL	
80007P 95 9	SANDRIDGE ENERGY INC	PUT	
80007T 10 1 *	SANDRIDGE MISSISSIPPIAN TR I	UNIT BEN INT	
80007T 90 1	SANDRIDGE MISSISSIPPIAN TR I	CALL	
80007T 95 1	SANDRIDGE MISSISSIPPIAN TR I	PUT	
80007V 10 6 *	SANDRIDGE MISSISSIPPIAN TR I	SH BEN INT	
80007V 90 6	SANDRIDGE MISSISSIPPIAN TR I	CALL	
80007V 95 6	SANDRIDGE MISSISSIPPIAN TR I	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	

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800677 10 6 *	SANGAMO THERAPEUTICS INC	COM	
800677 90 6	SANGAMO THERAPEUTICS INC	CALL	
800677 95 6	SANGAMO THERAPEUTICS INC	PUT	
80105N 10 5 *	SANOFI	SPONSORED ADR	
80105N 90 5	SANOFI	CALL	
80105N 95 5	SANOFI	PUT	
80105N 11 3 *	SANOFI	RIGHT 12/31/2020	
80105N 90 3	SANOFI	CALL	
80105N 95 3	SANOFI	PUT	
801056 10 2 *	SANMINA CORPORATION	COM	
801056 90 2	SANMINA CORPORATION	CALL	
801056 95 2	SANMINA CORPORATION	PUT	
80283M 10 1 *	SANTANDER CONSUMER USA HDG I	COM	
80283M 90 1	SANTANDER CONSUMER USA HDG I	CALL	
80283M 95 1	SANTANDER CONSUMER USA HDG I	PUT	
803054 20 4 *	SAP SE	SPON ADR	
803054 90 4	SAP SE	CALL	
803054 95 4	SAP SE	PUT	
80349A 20 8	SARATOGA INVT CORP	COM NEW	
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	
804395 10 1	SAUL CTRS INC	COM	
805111 10 1 *	SAVARA INC	COM	
805111 90 1	SAVARA INC	CALL	
805111 95 1	SAVARA INC	PUT	
80589M 10 2 *	SCANA CORP NEW	COM	
80589M 90 2	SCANA CORP NEW	CALL	
80589M 95 2	SCANA CORP NEW	PUT	
806037 10 7 *	SCANSOURCE INC	COM	
806037 90 7	SCANSOURCE INC	CALL	

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806037 95 7	SCANSOURCE INC	PUT	
806407 10 2 *	SCHEIN HENRY INC	COM	
806407 90 2	SCHEIN HENRY INC	CALL	
806407 95 2	SCHEIN HENRY INC	PUT	
806857 10 8 *	SCHLUMBERGER LTD	COM	
806857 90 8	SCHLUMBERGER LTD	CALL	
806857 95 8	SCHLUMBERGER LTD	PUT	
806870 20 0	SCHMITT INDS INC ORE	COM NEW	
806882 10 6 *	SCHNITZER STL INDS	CL A	
806882 90 6	SCHNITZER STL INDS	CALL	
806882 95 6	SCHNITZER STL INDS	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	
807066 10 5 *	SCHOLASTIC CORP	COM	
807066 90 5	SCHOLASTIC CORP	CALL	
807066 95 5	SCHOLASTIC CORP	PUT	
80821R 20 8	SCHULTZE SPL PURP ACQUISITIO	UNIT 12/31/2023	ADDED
808513 10 5 *	SCHWAB CHARLES CORP NEW	COM	
808513 90 5	SCHWAB CHARLES CORP NEW	CALL	
808513 95 5	SCHWAB CHARLES CORP NEW	PUT	
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	
808524 90 9	SCHWAB STRATEGIC TR	CALL	
808524 95 9	SCHWAB STRATEGIC TR	PUT	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 70 6 *	SCHWAB STRATEGIC TR	EMRG MKTEQ ETF	
808524 90 6	SCHWAB STRATEGIC TR	CALL	
808524 95 6	SCHWAB STRATEGIC TR	PUT	
808524 72 2	SCHWAB STRATEGIC TR	1000 INDEX ETF	
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 75 5 *	SCHWAB STRATEGIC TR	SCHWB FDT INT LG	
808524 90 5	SCHWAB STRATEGIC TR	CALL	
808524 95 5	SCHWAB STRATEGIC TR	PUT	
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 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 84 7 *	SCHWAB STRATEGIC TR	US REIT ETF	
808524 90 7	SCHWAB STRATEGIC TR	CALL	
808524 95 7	SCHWAB STRATEGIC TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
808524 85 4 *	SCHWAB STRATEGIC TR	INTRM TRM 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 *	SCHWEITZER-MAUDUIT INTL INC	COM	
808541 90 6	SCHWEITZER-MAUDUIT INTL INC	CALL	
808541 95 6	SCHWEITZER-MAUDUIT INTL INC	PUT	
808625 10 7 *	SCIENCE APPLICATNS INTL CP N	COM	
808625 90 7	SCIENCE APPLICATNS INTL CP N	CALL	
808625 95 7	SCIENCE APPLICATNS INTL CP N	PUT	
80874P 10 9 *	SCIENTIFIC GAMES CORP	COM	
80874P 90 9	SCIENTIFIC GAMES CORP	CALL	
80874P 95 9	SCIENTIFIC GAMES CORP	PUT	
80918T AB 5	SCORPIO TANKERS INC	NOTE 3.000% 5/1	
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	
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	
811292 10 1 *	SCYNEXIS INC	COM	
811292 90 1	SCYNEXIS INC	CALL	
811292 95 1	SCYNEXIS INC	PUT	
81141R 10 0 *	SEA LTD	ADR	
81141R 90 0	SEA LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81141R 95 0	SEA LTD	PUT	
811543 10 7	SEABOARD CORP	COM	
811699 10 7 *	SEACHANGE INTL INC	COM	
811699 90 7	SEACHANGE INTL INC	CALL	
811699 95 7	SEACHANGE INTL INC	PUT	
81170Y AB 5	SEACOR HOLDINGS INC	NOTE 3.000%11/1	
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	
811904 AM 3	SEACOR HOLDINGS INC	NOTE 2.500%12/1	
811904 AN 1	SEACOR HOLDINGS INC	NOTE 3.250% 5/1	
811904 10 1 *	SEACOR HOLDINGS INC	COM	
811904 90 1	SEACOR HOLDINGS INC	CALL	
811904 95 1	SEACOR HOLDINGS 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	
812350 10 6 *	SEARS HLDGS CORP	COM	DELETED
812350 90 6	SEARS HLDGS CORP	CALL	DELETED
812350 95 6	SEARS HLDGS CORP	PUT	DELETED
812350 15 5	SEARS HLDGS CORP	*W EXP 12/15/201	DELETED
812362 10 1 *	SEARS HOMETOWN & OUTLET STOR	COM	
812362 90 1	SEARS HOMETOWN & OUTLET STOR	CALL	
812362 95 1	SEARS HOMETOWN & OUTLET STOR	PUT	
81255T 10 8 *	SEASPINE HLDGS CORP	COM	
81255T 90 8	SEASPINE HLDGS CORP	CALL	
81255T 95 8	SEASPINE HLDGS CORP	PUT	
812578 10 2 *	SEATTLE GENETICS INC	COM	
812578 90 2	SEATTLE GENETICS INC	CALL	
812578 95 2	SEATTLE GENETICS INC	PUT	
81282V 10 0 *	SEAWORLD ENTMT INC	COM	

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81282V 90 0	SEAWORLD ENTMT INC	CALL	
81282V 95 0	SEAWORLD ENTMT INC	PUT	
81362J 10 0 *	SECOND SIGHT MED PRODS INC	COM	
81362J 90 0	SECOND SIGHT MED PRODS INC	CALL	
81362J 95 0	SECOND SIGHT MED PRODS INC	PUT	
81362J 11 8	SECOND SIGHT MED PRODS INC	*W EXP 03/06/202	
81367P 10 1 *	SECOO HLDG LTD	ADR	
81367P 90 1	SECOO HLDG LTD	CALL	
81367P 95 1	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	SBI INT-FINL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
814785 30 9	SECURITY NATL FINL CORP	CL A NEW	
816120 30 7	SELECT INTERIOR CONCEPTS INC	CL A	
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	
81617L 10 8	SELECT BANCORP INC NEW	COM	
81618T 10 0 *	SELECT INCOME REIT	COM SH BEN INT	
81618T 90 0	SELECT INCOME REIT	CALL	
81618T 95 0	SELECT INCOME REIT	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	
81642T 10 0 *	SELLAS LIFE SCIENCES GROUP I	COM	
81642T 90 0	SELLAS LIFE SCIENCES GROUP I	CALL	
81642T 95 0	SELLAS LIFE SCIENCES GROUP I	PUT	
81663A 10 5 *	SEMGROUP CORP	CL A	
81663A 90 5	SEMGROUP CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81663A 95 5	SEMGROUP CORP	PUT	
81663N 20 6 *	SEMICONDUCTOR MFG INTL CORP	SPONSORED ADR	
81663N 90 6	SEMICONDUCTOR MFG INTL CORP	CALL	
81663N 95 6	SEMICONDUCTOR MFG INTL CORP	PUT	
816645 20 4	SEMILEDs CORP	COM NEW	
816850 10 1 *	SEMTECH CORP	COM	
816850 90 1	SEMTECH CORP	CALL	
816850 95 1	SEMTECH CORP	PUT	
816851 10 9 *	SEMPRA ENERGY	COM	
816851 90 9	SEMPRA ENERGY	CALL	
816851 95 9	SEMPRA ENERGY	PUT	
816851 40 6	SEMPRA ENERGY	6% PFD CONV A	
816851 50 5	SEMPRA ENERGY	6.75% CNV PFD B	
816883 10 2 *	SENDGRID INC	COM	
816883 90 2	SENDGRID INC	CALL	
816883 95 2	SENDGRID INC	PUT	
817070 10 5	SENECA FOODS CORP NEW	CL B	
817070 50 1	SENECA FOODS CORP NEW	CL A	
81720R 10 9	SENESTECH INC	COM	
81721M 10 9 *	SENIOR HSG PPTYS TR	SH BEN INT	
81721M 90 9	SENIOR HSG PPTYS TR	CALL	
81721M 95 9	SENIOR HSG PPTYS TR	PUT	
817225 10 5	SENMIAO TECHNOLOGY LTD	COM	
81724Q 10 7 *	SENO MYX INC	COM	DELETED
81724Q 90 7	SENO MYX INC	CALL	DELETED
81724Q 95 7	SENO MYX INC	PUT	DELETED
81725T 10 0 *	SENSIENT TECHNOLOGIES CORP	COM	
81725T 90 0	SENSIENT TECHNOLOGIES CORP	CALL	
81725T 95 0	SENSIENT TECHNOLOGIES CORP	PUT	
81727U AA 3	SENSEONICS HLDGS INC	NOTE 5.250% 2/0	
81727U 10 5 *	SENSEONICS HLDGS INC	COM	
81727U 90 5	SENSEONICS HLDGS INC	CALL	
81727U 95 5	SENSEONICS HLDGS INC	PUT	
81728J 10 9	SENSUS HEALHCARE INC	COM	

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81728J 11 7	SENSUS HEATLHCARE INC	*W EXP 06/08/201	
81728P 10 5	SENTINEL ENERGY SVCS INC	CL A	ADDED
81728P 11 3	SENTINEL ENERGY SVCS INC	*W EXP 11/02/202	ADDED
81728P 20 4	SENTINEL ENERGY SVCS INC	UNIT 11/02/2022	ADDED
817323 10 8 *	SEQUANS COMMUNICATIONS S A	SPONSORED ADS	
817323 90 8	SEQUANS COMMUNICATIONS S A	CALL	
817323 95 8	SEQUANS COMMUNICATIONS S A	PUT	
81734P 10 7 *	SEQUENTIAL BRNDS GROUP INC N	COM	
81734P 90 7	SEQUENTIAL BRNDS GROUP INC N	CALL	
81734P 95 7	SEQUENTIAL BRNDS GROUP INC N	PUT	
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	
817565 10 4 *	SERVICE CORP INTL	COM	
817565 90 4	SERVICE CORP INTL	CALL	
817565 95 4	SERVICE CORP INTL	PUT	
81761R 10 9 *	SERVICEMASTER GLOBAL HLDGS I	COM	
81761R 90 9	SERVICEMASTER GLOBAL HLDGS I	CALL	
81761R 95 9	SERVICEMASTER GLOBAL HLDGS I	PUT	
81761R 11 7	SERVICEMASTER GLOBAL HLDGS I	EXDISTRIBUTION	DELETED
81762P AB 8	SERVICENOW INC	NOTE 11/0	DELETED
81762P AC 6	SERVICENOW INC	NOTE 6/0	
81762P 10 2 *	SERVICENOW INC	COM	
81762P 90 2	SERVICENOW INC	CALL	
81762P 95 2	SERVICENOW INC	PUT	
81763U 10 0 *	SERVICESOURCE INTL INC	COM	
81763U 90 0	SERVICESOURCE INTL INC	CALL	
81763U 95 0	SERVICESOURCE INTL INC	PUT	
81768T 10 8 *	SERVISFIRST BANCSHARES INC	COM	
81768T 90 8	SERVISFIRST BANCSHARES INC	CALL	
81768T 95 8	SERVISFIRST BANCSHARES INC	PUT	

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817732 10 0	SERVOTRONICS INC	COM	
817763 10 5 *	SESEN BIO INC	COM	
817763 90 5	SESEN BIO INC	CALL	
817763 95 5	SESEN BIO INC	PUT	
81789Y 10 2 *	SEVEN STARS CLOUD GROUP INC	COM	DELETED
81789Y 90 2	SEVEN STARS CLOUD GROUP INC	CALL	DELETED
81789Y 95 2	SEVEN STARS CLOUD GROUP INC	PUT	DELETED
81811M 10 0	SEVERN BANCORP ANNAPOLIS MD	COM	
819047 10 1 *	SHAKE SHACK INC	CL A	
819047 90 1	SHAKE SHACK INC	CALL	
819047 95 1	SHAKE SHACK INC	PUT	
819534 10 8	SHARING ECONOMY INTL INC	COM	DELETED
820017 10 1 *	SHARPS COMPLIANCE CORP	COM	
820017 90 1	SHARPS COMPLIANCE CORP	CALL	
820017 95 1	SHARPS COMPLIANCE CORP	PUT	
820054 10 4	SHARPSRING INC	COM	
82028K 20 0 *	SHAW COMMUNICATIONS INC	CL B CONV	
82028K 90 0	SHAW COMMUNICATIONS INC	CALL	
82028K 95 0	SHAW COMMUNICATIONS INC	PUT	
822634 10 1 *	SHELL MIDSTREAM PARTNERS L P	UNIT LTD INT	
822634 90 1	SHELL MIDSTREAM PARTNERS L P	CALL	
822634 95 1	SHELL MIDSTREAM PARTNERS L P	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	
82452L 10 4	SHIFTPIXY INC	COM	
824543 10 2 *	SHILOH INDS INC	COM	
824543 90 2	SHILOH INDS INC	CALL	
824543 95 2	SHILOH INDS INC	PUT	
824567 20 0	SHINECO INC	COM NEW	
824596 10 0	SHINHAN FINANCIAL GROUP CO L	SPN ADR RESTRD	

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824689 AG 8	SHIP FIN INTL LTD	NOTE 4.875% 5/0	
82481R 10 6 *	SHIRE PLC	SPONSORED ADR	
82481R 90 6	SHIRE PLC	CALL	
82481R 95 6	SHIRE PLC	PUT	
824889 10 9 *	SHOE CARNIVAL INC	COM	
824889 90 9	SHOE CARNIVAL INC	CALL	
824889 95 9	SHOE CARNIVAL INC	PUT	
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	
82536T 10 7	SHOTSPOTTER INC	COM	
82568P 30 4 *	SHUTTERFLY INC	COM	
82568P 90 4	SHUTTERFLY INC	CALL	
82568P 95 4	SHUTTERFLY INC	PUT	
825690 10 0 *	SHUTTERSTOCK INC	COM	
825690 90 0	SHUTTERSTOCK INC	CALL	
825690 95 0	SHUTTERSTOCK INC	PUT	
825704 10 9	SI BONE INC	COM	ADDED
825724 20 6 *	SIBANYE STILLWATER	SPONSORED ADR	
825724 90 6	SIBANYE STILLWATER	CALL	
825724 95 6	SIBANYE STILLWATER	PUT	
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	
82621J 90 5	SIENTRA INC	CALL	
82621J 95 5	SIENTRA INC	PUT	
82622H 10 8	SIENNA BIOPHARMACEUTICALS IN	COM	
82639W 10 6	SIERRA METALS INC	COM	
82640U 10 7 *	SIERRA ONCOLOGY INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
82640U 90 7	SIERRA ONCOLOGY INC	CALL	
82640U 95 7	SIERRA ONCOLOGY INC	PUT	
826516 10 6 *	SIERRA WIRELESS INC	COM	
826516 90 6	SIERRA WIRELESS INC	CALL	
826516 95 6	SIERRA WIRELESS INC	PUT	
826546 10 3	SIFCO INDS INC	COM	
82655M 10 7 *	SIFY TECHNOLOGIES LIMITED	SPONSORED ADS	
82655M 90 7	SIFY TECHNOLOGIES LIMITED	CALL	
82655M 95 7	SIFY TECHNOLOGIES LIMITED	PUT	
826598 11 2	SIGMA LABS INC	*W EXP 02/15/202	
826598 30 2	SIGMA LABS INC	COM PAR	
82661L 10 1	SIGMATRON INTL INC	COM	
82669G 10 4 *	SIGNATURE BK NEW YORK N Y	COM	
82669G 90 4	SIGNATURE BK NEW YORK N Y	CALL	
82669G 95 4	SIGNATURE BK NEW YORK N Y	PUT	
82669G 11 2	SIGNATURE BK NEW YORK N Y	*W EXP 12/12/201	DELETED
826917 10 6 *	SIGA TECHNOLOGIES INC	COM	
826917 90 6	SIGA TECHNOLOGIES INC	CALL	
826917 95 6	SIGA TECHNOLOGIES INC	PUT	
826919 AB 8	SILICON LABORATORIES INC	NOTE 1.375% 3/0	
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 HOLDINGS INC	COM	
827048 90 9	SILGAN HOLDINGS INC	CALL	
827048 95 9	SILGAN HOLDINGS 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	
82823L AC 0	SILVER STD RES INC	NOTE 2.875% 2/0	
82835P 10 3 *	SILVERCORP METALS INC	COM	
82835P 90 3	SILVERCORP METALS INC	CALL	
82835P 95 3	SILVERCORP METALS INC	PUT	
828359 10 9	SILVERCREST ASSET MGMT GROUP	CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
82836G 10 2	SILVERBOW RES INC	COM	
828363 10 1	SILVERCREST METALS INC	COM	
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	
82900L 10 2 *	SIMPLY GOOD FOODS CO	COM	
82900L 90 2	SIMPLY GOOD FOODS CO	CALL	
82900L 95 2	SIMPLY GOOD FOODS CO	PUT	
82900L 11 0	SIMPLY GOOD FOODS CO	*W EXP 07/07/202	DELETED
829073 10 5 *	SIMPSON MANUFACTURING CO INC	COM	
829073 90 5	SIMPSON MANUFACTURING CO INC	CALL	
829073 95 5	SIMPSON MANUFACTURING CO INC	PUT	
829214 10 5 *	SIMULATIONS PLUS INC	COM	
829214 90 5	SIMULATIONS PLUS INC	CALL	
829214 95 5	SIMULATIONS PLUS INC	PUT	
82922R AD 5	SINA CORP	NOTE 1.000%12/0	DELETED
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	
82935M 10 9 *	SINOPEC SHANGHAI PETROCHEMIC	SPON ADR H	
82935M 90 9	SINOPEC SHANGHAI PETROCHEMIC	CALL	
82935M 95 9	SINOPEC SHANGHAI PETROCHEMIC	PUT	
82935V 10 9	SINO GLOBAL SHIPPING AMER LT	COM	
829392 10 9	SINTX TECHNOLOGIES INC	COM	ADDED
82968B 10 3 *	SIRIUS XM HLDGS INC	COM	
82968B 90 3	SIRIUS XM HLDGS INC	CALL	
82968B 95 3	SIRIUS XM HLDGS INC	PUT	
82981J 10 9 *	SITE CENTERS CORP	COM	ADDED
82981J 90 9	SITE CENTERS CORP	CALL	ADDED
82981J 95 9	SITE CENTERS CORP	PUT	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
82982L 10 3 *	SITEONE LANDSCAPE SUPPLY INC	COM	
82982L 90 3	SITEONE LANDSCAPE SUPPLY INC	CALL	
82982L 95 3	SITEONE LANDSCAPE SUPPLY INC	PUT	
82988R 20 3	SITO MOBILE LTD	COM NEW	
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	
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	
830830 10 5 *	SKYLINE CHAMPION CORPORATION	COM	
830830 90 5	SKYLINE CHAMPION CORPORATION	CALL	
830830 95 5	SKYLINE CHAMPION CORPORATION	PUT	
83084J 10 3	SKY SOLAR HLDGS LTD	SPONSORED ADR	
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	
83088M 90 2	SKYWORKS SOLUTIONS INC	CALL	
83088M 95 2	SKYWORKS SOLUTIONS INC	PUT	
83125X 10 3 *	SLEEP NUMBER CORP	COM	
83125X 90 3	SLEEP NUMBER CORP	CALL	
83125X 95 3	SLEEP NUMBER CORP	PUT	
831550 10 8	SMAAASH ENTERTAINMENT INC	COM	ADDED
831550 11 6	SMAAASH ENTERTAINMENT INC	*W EXP 05/22/202	ADDED
83175M 20 5 *	SMITH & NEPHEW PLC	SPDN ADR NEW	
83175M 90 5	SMITH & NEPHEW PLC	CALL	
83175M 95 5	SMITH & NEPHEW PLC	PUT	
831865 20 9 *	SMITH A O	COM	
831865 90 9	SMITH A O	CALL	
831865 95 9	SMITH A O	PUT	
83190B 10 1 *	SMART & FINAL STORES INC	COM	
83190B 90 1	SMART & FINAL STORES INC	CALL	
83190B 95 1	SMART & FINAL STORES INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
83190L 20 8	SMARTFINANCIAL INC	COM NEW	
83191H 10 7 *	SMART SAND INC	COM	
83191H 90 7	SMART SAND INC	CALL	
83191H 95 7	SMART SAND INC	PUT	
83200N 10 3 *	SMARTSHEET INC	COM CL A	
83200N 90 3	SMARTSHEET INC	CALL	
83200N 95 3	SMARTSHEET INC	PUT	
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	
832682 20 7 *	SMTC CORP	COM NEW	
832682 90 7	SMTC CORP	CALL	
832682 95 7	SMTC CORP	PUT	
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	
833034 10 1 *	SNAP ON INC	COM	
833034 90 1	SNAP ON INC	CALL	
833034 95 1	SNAP ON INC	PUT	
83304A 10 6 *	SNAP INC	CL A	
83304A 90 6	SNAP INC	CALL	
83304A 95 6	SNAP INC	PUT	
83362P 30 0	SOCIAL REALITY INC	COM CL A NEW	
833635 10 5 *	SOCIEDAD QUIMICA MINERA DE C	SPON ADR SER B	
833635 90 5	SOCIEDAD QUIMICA MINERA DE C	CALL	
833635 95 5	SOCIEDAD QUIMICA MINERA DE C	PUT	
83368E 20 0	SOCKET MOBILE INC	COM NEW	
83409V 10 4 *	SOGO INC	ADR REPSTG A	
83409V 90 4	SOGO INC	CALL	
83409V 95 4	SOGO 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 *	SOLAR CAP LTD	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
83413U 90 0	SOLAR CAP LTD	CALL	
83413U 95 0	SOLAR CAP LTD	PUT	
83416M 10 5 *	SOLAR SR CAP LTD	COM	
83416M 90 5	SOLAR SR CAP LTD	CALL	
83416M 95 5	SOLAR SR CAP LTD	PUT	
83416T AA 8	SOLARCITY CORP	NOTE 2.750%11/0	DELETED
83416T AC 4	SOLARCITY CORP	NOTE 1.625%11/0	
83417M 10 4 *	SOLAREEDGE TECHNOLOGIES INC	COM	
83417M 90 4	SOLAREEDGE TECHNOLOGIES INC	CALL	
83417M 95 4	SOLAREEDGE TECHNOLOGIES INC	PUT	
83417Q 10 5	SOLARWINDS CORP	COM	ADDED
83418M 10 3 *	SOLARIS OILFIELD INFRSTR INC	COM CL A	
83418M 90 3	SOLARIS OILFIELD INFRSTR INC	CALL	
83418M 95 3	SOLARIS OILFIELD INFRSTR INC	PUT	
8342EP 10 7	SOLITARIO ZINC CORP	COM	
834203 13 5	SOLENO THERAPEUTICS INC	*W EXP 11/12/201	
834203 20 0	SOLENO THERAPEUTICS INC	COM NEW	
83422E 10 5 *	SOLID BIOSCIENCES INC	COM	
83422E 90 5	SOLID BIOSCIENCES INC	CALL	
83422E 95 5	SOLID BIOSCIENCES INC	PUT	
834223 11 7	SOLIGENIX INC	*W EXP 11/14/202	
834223 30 7	SOLIGENIX 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	DELETED
835451 10 5 *	SONIC CORP	COM	DELETED
835451 90 5	SONIC CORP	CALL	DELETED
835451 95 5	SONIC CORP	PUT	DELETED
835495 10 2 *	SONOCO PRODS CO	COM	
835495 90 2	SONOCO PRODS CO	CALL	
835495 95 2	SONOCO PRODS CO	PUT	
83558L 10 5	SONOMA PHARMACEUTICALS INC	COM	
83558L 11 3	SONOMA PHARMACEUTICALS INC	*W EXP 01/21/202	

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835699 30 7 *	SONY CORP	SPONSORED ADR	
835699 90 7	SONY CORP	CALL	
835699 95 7	SONY CORP	PUT	
83570H 10 8 *	SONOS INC	COM	
83570H 90 8	SONOS INC	CALL	
83570H 95 8	SONOS INC	PUT	
83578Q 20 9 *	SOPHIRIS BIO INC	COM NEW	
83578Q 90 9	SOPHIRIS BIO INC	CALL	
83578Q 95 9	SOPHIRIS BIO INC	PUT	
83587F 20 2 *	SORRENTO THERAPEUTICS INC	COM NEW	
83587F 90 2	SORRENTO THERAPEUTICS INC	CALL	
83587F 95 2	SORRENTO THERAPEUTICS INC	PUT	
835898 10 7 *	SOTHEBYS	COM	
835898 90 7	SOTHEBYS	CALL	
835898 95 7	SOTHEBYS	PUT	
83600C 10 3	SOTHERLY HOTELS INC	COM	
836034 AB 4	SOUFUN HLDGS LTD	NOTE 2.000%12/1	DELETED
83607A 10 0	SOUND FINL BANCORP INC	COM	
836144 10 5	SOURCE CAP INC	COM	
838518 10 8 *	SOUTH JERSEY INDS INC	COM	
838518 90 8	SOUTH JERSEY INDS INC	CALL	
838518 95 8	SOUTH JERSEY INDS INC	PUT	
838518 11 6	SOUTH JERSEY INDS INC	UNIT 99/99/9999	
840441 10 9 *	SOUTH ST CORP	COM	
840441 90 9	SOUTH ST CORP	CALL	
840441 95 9	SOUTH ST CORP	PUT	
84130C 10 0 *	SOUTHCROSS ENERGY PARTNERS L	COM UNIT LTDPT	
84130C 90 0	SOUTHCROSS ENERGY PARTNERS L	CALL	
84130C 95 0	SOUTHCROSS ENERGY PARTNERS L	PUT	
842587 10 7 *	SOUTHERN CO	COM	
842587 90 7	SOUTHERN CO	CALL	
842587 95 7	SOUTHERN CO	PUT	
84265V 10 5 *	SOUTHERN COPPER CORP	COM	
84265V 90 5	SOUTHERN COPPER CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
84265V 95 5	SOUTHERN COPPER CORP	PUT	
842873 10 1	SOUTHERN FIRST BANCSHARES IN	COM	
843380 10 6	SOUTHERN MO BANCORP INC	COM	
843395 10 4	SOUTHERN NATL BANCORP OF VA	COM	
84470P 10 9 *	SOUTHSIDE BANCSHARES INC	COM	
84470P 90 9	SOUTHSIDE BANCSHARES INC	CALL	
84470P 95 9	SOUTHSIDE BANCSHARES INC	PUT	
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 HOLDINGS INC	COM	
844895 90 2	SOUTHWEST GAS HOLDINGS INC	CALL	
844895 95 2	SOUTHWEST GAS HOLDINGS INC	PUT	
84502A 10 4	SOUTHWEST GA FINL CORP	COM	
845467 10 9 *	SOUTHWESTERN ENERGY CO	COM	
845467 90 9	SOUTHWESTERN ENERGY CO	CALL	
845467 95 9	SOUTHWESTERN ENERGY CO	PUT	
84649P AL 9	SPANSION LLC	NOTE 2.000% 9/0	
846511 10 3 *	SPARK ENERGY INC	CL A COM	
846511 90 3	SPARK ENERGY INC	CALL	
846511 95 3	SPARK ENERGY INC	PUT	
846517 10 0	SPARK NETWORKS SE	SPONSORED ADR	
84652J 10 3 *	SPARK THERAPEUTICS INC	COM	
84652J 90 3	SPARK THERAPEUTICS INC	CALL	
84652J 95 3	SPARK THERAPEUTICS INC	PUT	
846784 10 6	SPARTAN ENERGY ACQUISITON CO	CL A COM STK	ADDED
846784 11 4	SPARTAN ENERGY ACQUISITON CO	UNIT 99/99/9999	
846784 12 2	SPARTAN ENERGY ACQUISITON CO	*W EXP 08/27/202	ADDED
846819 10 0 *	SPARTAN MTRS INC	COM	
846819 90 0	SPARTAN MTRS INC	CALL	
846819 95 0	SPARTAN MTRS INC	PUT	
847215 10 0 *	SPARTANNASH CO	COM	
847215 90 0	SPARTANNASH CO	CALL	
847215 95 0	SPARTANNASH CO	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
847235 10 8 *	SPARTON CORP	COM	
847235 90 8	SPARTON CORP	CALL	
847235 95 8	SPARTON CORP	PUT	
84741T 10 4	SPECIAL OPPORTUNITIES FD INC	COM	
84741T 30 2	SPECIAL OPPORTUNITIES FD INC	PFD CONV SE B	
84756N 10 9 *	SPECTRA ENERGY PARTNERS LP	COM	DELETED
84756N 90 9	SPECTRA ENERGY PARTNERS LP	CALL	DELETED
84756N 95 9	SPECTRA ENERGY PARTNERS LP	PUT	DELETED
84763A AB 4	SPECTRUM PHARMACEUTICALS INC	NOTE 2.750%12/1	DELETED
84763A 10 8 *	SPECTRUM PHARMACEUTICALS INC	COM	
84763A 90 8	SPECTRUM PHARMACEUTICALS INC	CALL	
84763A 95 8	SPECTRUM PHARMACEUTICALS INC	PUT	
847788 10 6 *	SPEEDWAY MOTORSPORTS INC	COM	
847788 90 6	SPEEDWAY MOTORSPORTS INC	CALL	
847788 95 6	SPEEDWAY MOTORSPORTS 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 20 9 *	SPHERE 3D CORP NEW	COM NEW	DELETED
84841L 90 9	SPHERE 3D CORP NEW	CALL	DELETED
84841L 95 9	SPHERE 3D CORP NEW	PUT	DELETED
84841L 30 8	SPHERE 3D CORP NEW	COM	ADDED
84842R 40 3	SPHERIX INC	COM PAR NEW	
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 10 2 *	SPIRIT AIRLS INC	COM	
848577 90 2	SPIRIT AIRLS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
848577 95 2	SPIRIT AIRLS INC	PUT	
84858T 10 3	SPINNAKER ETF TR	FIELDSTONE MERLN	DELETED
84858T 20 2	SPINNAKER ETF SERIES	FIELDSTONE UVA	
84860W AA 0	SPIRIT RLTY CAP INC NEW	NOTE 2.875% 5/1	
84860W AB 8	SPIRIT RLTY CAP INC NEW	NOTE 3.750% 5/1	
84860W 10 2 *	SPIRIT RLTY CAP INC NEW	COM	DELETED
84860W 90 2	SPIRIT RLTY CAP INC NEW	CALL	DELETED
84860W 95 2	SPIRIT RLTY CAP INC NEW	PUT	DELETED
84860W 30 0 *	SPIRIT RLTY CAP INC NEW	COM NEW	ADDED
84860W 90 0	SPIRIT RLTY CAP INC NEW	CALL	ADDED
84860W 95 0	SPIRIT RLTY CAP INC NEW	PUT	ADDED
84861D 10 3	SPIRIT OF TEX BANCSHARES INC	COM	
84861U 10 5 *	SPIRIT MTA REIT	COM SHS BEN IN	
84861U 90 5	SPIRIT MTA REIT	CALL	
84861U 95 5	SPIRIT MTA REIT	PUT	
84863T 10 6 *	SPOK HLDGS INC	COM	
84863T 90 6	SPOK HLDGS INC	CALL	
84863T 95 6	SPOK HLDGS INC	PUT	
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	
849343 10 8 *	SPRAGUE RES LP	COM UNIT REP LTD	
849343 90 8	SPRAGUE RES LP	CALL	
849343 95 8	SPRAGUE RES LP	PUT	
849431 10 1	SPRING BK PHARMACEUTICALS IN	COM	
85207H 10 4	SPROTT PHYSICAL GOLD TRUST	UNIT	
85207K 10 7	SPROTT PHYSICAL SILVER TR	TR UNIT	
85207Q 10 4	SPROTT PHYSICAL PLAT PALLAD	UNIT	
85207U 10 5 *	SPRINT CORP	COM SER 1	
85207U 90 5	SPRINT CORP	CALL	
85207U 95 5	SPRINT CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
85208R 10 1	SPROTT PHYSICAL GOLD & SILVE	TR UNIT	
852234 AB 9	SQUARE INC	NOTE 0.375% 3/0	
852234 10 3 *	SQUARE INC	CL A	
852234 90 3	SQUARE INC	CALL	
852234 95 3	SQUARE 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	
852387 30 7	STAFFING 360 SOLUTIONS INC	COM PAR	
85254C 30 5 *	STAGE STORES INC	COM NEW	
85254C 90 5	STAGE STORES INC	CALL	
85254C 95 5	STAGE STORES INC	PUT	
85254J 10 2 *	STAG INDL INC	COM	
85254J 90 2	STAG INDL INC	CALL	
85254J 95 2	STAG INDL INC	PUT	
852857 20 0 *	STAMPS COM INC	COM NEW	
852857 90 0	STAMPS COM INC	CALL	
852857 95 0	STAMPS COM INC	PUT	
85303B 10 0	STANDARD AVB FINL CORP	COM	
85336L 10 9	STANDARD DIVERSIFIED INC	COM CL A	
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	
854502 88 7	STANLEY BLACK & DECKER INC	UNIT 05/15/2020	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
85472N 10 9 *	STANTEC INC	COM	
85472N 90 9	STANTEC INC	CALL	
85472N 95 9	STANTEC INC	PUT	
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	
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	
85570W 10 0 *	STARS GROUP INC	COM	
85570W 90 0	STARS GROUP INC	CALL	
85570W 95 0	STARS GROUP INC	PUT	
855707 10 5 *	STATE AUTO FINL CORP	COM	
855707 90 5	STATE AUTO FINL CORP	CALL	
855707 95 5	STATE AUTO FINL CORP	PUT	
85571B AH 8	STARWOOD PPTY TR INC	NOTE 4.375% 4/0	
85571B 10 5 *	STARWOOD PPTY TR INC	COM	
85571B 90 5	STARWOOD PPTY TR INC	CALL	
85571B 95 5	STARWOOD PPTY TR INC	PUT	
85571W AB 5	STARWOOD WAYPOINT RESIDENTL	NOTE 3.000% 7/0	
856190 10 3 *	STATE BK FINL CORP	COM	
856190 90 3	STATE BK FINL CORP	CALL	
856190 95 3	STATE BK FINL CORP	PUT	
857477 10 3 *	STATE STR CORP	COM	
857477 90 3	STATE STR CORP	CALL	
857477 95 3	STATE STR CORP	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
858375 10 8 *	STEIN MART INC	COM	
858375 90 8	STEIN MART INC	CALL	
858375 95 8	STEIN MART INC	PUT	
85855A 30 2	STELLAR BIOTECHNOLOGIES INC	COM	
858568 10 8 *	STELLUS CAP INVT CORP	COM	
858568 90 8	STELLUS CAP INVT CORP	CALL	
858568 95 8	STELLUS CAP INVT CORP	PUT	
85858C 10 7 *	STEMLINE THERAPEUTICS INC	COM	
85858C 90 7	STEMLINE THERAPEUTICS INC	CALL	
85858C 95 7	STEMLINE THERAPEUTICS INC	PUT	
858586 10 0 *	STEPAN CO	COM	
858586 90 0	STEPAN CO	CALL	
858586 95 0	STEPAN CO	PUT	
858912 10 8 *	STERICYCLE INC	COM	
858912 90 8	STERICYCLE INC	CALL	
858912 95 8	STERICYCLE INC	PUT	
85917A 10 0 *	STERLING BANCORP DEL	COM	
85917A 90 0	STERLING BANCORP DEL	CALL	
85917A 95 0	STERLING BANCORP DEL	PUT	
85917W 10 2	STERLING BANCORP INC	COM	
859241 10 1 *	STERLING CONSTRUCTION CO INC	COM	
859241 90 1	STERLING CONSTRUCTION CO INC	CALL	
859241 95 1	STERLING CONSTRUCTION CO INC	PUT	
860326 10 7	STEWARDSHIP FINL CORP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
861025 90 4	STOCK YDS BANCORP INC	CALL	
861025 95 4	STOCK YDS BANCORP INC	PUT	
86164T 10 7	STONE HBR EMERG MRKTS INC FD	COM	
86164W 10 0	STONE HBR EMERG MKTS TL INC	COM	
861780 10 4	STONECASTLE FINL CORP	COM	
86183P 10 2 *	STONERIDGE INC	COM	
86183P 90 2	STONERIDGE INC	CALL	
86183P 95 2	STONERIDGE INC	PUT	
86183Q 10 0 *	STONEMOR PARTNERS L P	COM UNITS INT	
86183Q 90 0	STONEMOR PARTNERS L P	CALL	
86183Q 95 0	STONEMOR PARTNERS L P	PUT	
862121 10 0 *	STORE CAP CORP	COM	
862121 90 0	STORE CAP CORP	CALL	
862121 95 0	STORE CAP CORP	PUT	
86272A 20 6	STRATA SKIN SCIENCES INC	COM NEW	
86272C 10 3 *	STRATEGIC ED INC	COM	
86272C 90 3	STRATEGIC ED INC	CALL	
86272C 95 3	STRATEGIC ED INC	PUT	
86280R 10 0 *	STRATEGY SHS	US MKT ROTON ETF	
86280R 90 0	STRATEGY SHS	CALL	
86280R 95 0	STRATEGY SHS	PUT	
86280R 20 9 *	STRATEGY SHS	ECOLOGCL STRATGY	
86280R 90 9	STRATEGY SHS	CALL	
86280R 95 9	STRATEGY SHS	PUT	
86280R 50 6	STRATEGY SHS	NS 7HANDL IDX	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
863111 10 0	STRATTEC SEC CORP	COM	
863167 20 1	STRATUS PPTYS INC	COM NEW	
86323X 10 6 *	STREAMLINE HEALTH SOLUTIONS	COM	
86323X 90 6	STREAMLINE HEALTH SOLUTIONS	CALL	
86323X 95 6	STREAMLINE HEALTH SOLUTIONS	PUT	
863418 10 9	STRONGVEST ETF TR	CWA INCOME	
863667 10 1 *	STRYKER CORP	COM	
863667 90 1	STRYKER CORP	CALL	
863667 95 1	STRYKER CORP	PUT	
86389T 10 6	STUDIO CITY INTL HLDGS LTD	SPON ADS	ADDED
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	
865646 10 3	SUMMER INFANT INC	COM	
86606G 10 1	SUMMIT FINANCIAL GROUP INC	COM	
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 10 2 *	SUMMIT MIDSTREAM PARTNERS LP	COM UNIT LTD	
866142 90 2	SUMMIT MIDSTREAM PARTNERS LP	CALL	
866142 95 2	SUMMIT MIDSTREAM PARTNERS LP	PUT	
866264 20 3	SUMMIT ST BK SANTA ROSA CALI	COM	
86627R 10 2 *	SUMMIT THERAPEUTICS PLC	SPONS ADS	
86627R 90 2	SUMMIT THERAPEUTICS PLC	CALL	
86627R 95 2	SUMMIT THERAPEUTICS PLC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
86633R 10 4	SUMMIT WIRELESS TECHNLOGIES I	COM	
866674 10 4 *	SUN CMNTYS INC	COM	
866674 90 4	SUN CMNTYS INC	CALL	
866674 95 4	SUN CMNTYS INC	PUT	
866796 10 5 *	SUN LIFE FINL INC	COM	
866796 90 5	SUN LIFE FINL INC	CALL	
866796 95 5	SUN LIFE FINL INC	PUT	
866942 10 5 *	SUN HYDRAULICS CORP	COM	
866942 90 5	SUN HYDRAULICS CORP	CALL	
866942 95 5	SUN HYDRAULICS CORP	PUT	
86722A 10 3 *	SUNCOKE ENERGY INC	COM	
86722A 90 3	SUNCOKE ENERGY INC	CALL	
86722A 95 3	SUNCOKE ENERGY INC	PUT	
86722Y 10 1 *	SUNCOKE ENERGY PARTNERS L P	COMUNIT REP LT	
86722Y 90 1	SUNCOKE ENERGY PARTNERS L P	CALL	
86722Y 95 1	SUNCOKE ENERGY PARTNERS L P	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	
86724Y 10 9	SUNDANCE ENERGY AUSTRALIA LT	SPONSORED ADS	
867328 70 0 *	SUNESIS PHARMACEUTICALS INC	COM PAR	
867328 90 0	SUNESIS PHARMACEUTICALS INC	CALL	
867328 95 0	SUNESIS PHARMACEUTICALS INC	PUT	
86737U 10 2	SUNLINK HEALTH SYSTEMS INC	COM	
86740P 10 8	SUNLANDS ONLINE ED GROUP	ADS	
8676EP 10 8 *	SUNOPTA INC	COM	
8676EP 90 8	SUNOPTA INC	CALL	
8676EP 95 8	SUNOPTA INC	PUT	
86765K 10 9 *	SUNOCO LP	COM U REP LP	
86765K 90 9	SUNOCO LP	CALL	
86765K 95 9	SUNOCO LP	PUT	
867652 AJ 8	SUNPOWER CORP	DCV 0.875% 6/0	
867652 AL 3	SUNPOWER CORP	DCV 4.000% 1/1	
867652 40 6 *	SUNPOWER CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
867652 90 6	SUNPOWER CORP	CALL	
867652 95 6	SUNPOWER CORP	PUT	
86771W 10 5 *	SUNRUN INC	COM	
86771W 90 5	SUNRUN INC	CALL	
86771W 95 5	SUNRUN INC	PUT	
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	
867914 10 3 *	SUNTRUST BKS INC	COM	
867914 90 3	SUNTRUST BKS INC	CALL	
867914 95 3	SUNTRUST BKS INC	PUT	
867914 11 1	SUNTRUST BKS INC	*W EXP 11/14/201	DELETED
867914 12 9	SUNTRUST BKS INC	*W EXP 12/31/201	DELETED
867931 60 2	SUPERCONDUCTOR TECHNOLOGIES	COM PAR NEW	
86803X 10 5 *	SUNWORKS INC	COM	
86803X 90 5	SUNWORKS INC	CALL	
86803X 95 5	SUNWORKS INC	PUT	
868153 10 7	SUPERIOR DRILLING PRODS INC	COM	
868157 10 8 *	SUPERIOR ENERGY SVCS INC	COM	
868157 90 8	SUPERIOR ENERGY SVCS INC	CALL	
868157 95 8	SUPERIOR ENERGY SVCS INC	PUT	
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 GRP OF COMPANIES IN	COM	
868358 90 2	SUPERIOR GRP OF COMPANIES IN	CALL	
868358 95 2	SUPERIOR GRP OF COMPANIES IN	PUT	
868459 10 8 *	SUPERNUS PHARMACEUTICALS INC	COM	
868459 90 8	SUPERNUS PHARMACEUTICALS INC	CALL	
868459 95 8	SUPERNUS PHARMACEUTICALS INC	PUT	
868536 30 1 *	SUPERVALU INC	COM NEW	DELETED
868536 90 1	SUPERVALU INC	CALL	DELETED
868536 95 1	SUPERVALU INC	PUT	DELETED
86858W 20 0 *	SUPPORT COM INC	COM NEW	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
86858W 90 0	SUPPORT COM INC	CALL	
86858W 95 0	SUPPORT COM INC	PUT	
86877M 20 9	SURFACE ONCOLOGY INC	COM	
86881A 10 0 *	SURGERY PARTNERS INC	COM	
86881A 90 0	SURGERY PARTNERS INC	CALL	
86881A 95 0	SURGERY PARTNERS INC	PUT	
868873 10 0 *	SURMODICS INC	COM	
868873 90 0	SURMODICS INC	CALL	
868873 95 0	SURMODICS INC	PUT	
86933G 10 5	SUTHERLAND ASSET MGMT CORP M	COM	DELETED
869367 10 2	SUTRO BIOPHARMA INC	COM	
86959K 10 5	SUZANO PAPEL E CELULOSE S A	SPON ADS	ADDED
870297 19 9	SWEDISH EXPT CR CORP	MLCX BIO ETN23	
870297 21 5 *	SWEDISH EXPT CR CORP	MLCX GRN ETN23	
870297 90 5	SWEDISH EXPT CR CORP	CALL	
870297 95 5	SWEDISH EXPT CR CORP	PUT	
870297 30 6 *	SWEDISH EXPT CR CORP	RG ENRGY ETN22	
870297 90 6	SWEDISH EXPT CR CORP	CALL	
870297 95 6	SWEDISH EXPT CR CORP	PUT	
870297 40 5	SWEDISH EXPT CR CORP	RG METAL ETN22	
870297 50 4	SWEDISH EXPT CR CORP	ELEMENT USETN22	
870297 60 3 *	SWEDISH EXPT CR CORP	ROG AGRI ETN22	
870297 90 3	SWEDISH EXPT CR CORP	CALL	
870297 95 3	SWEDISH EXPT CR CORP	PUT	
870297 80 1 *	SWEDISH EXPT CR CORP	ROG TTL ETN 22	
870297 90 1	SWEDISH EXPT CR CORP	CALL	
870297 95 1	SWEDISH EXPT CR CORP	PUT	
870875 10 1	SWISS HELVETIA FD INC	COM	
87105L 10 4 *	SWITCH INC	CL A	
87105L 90 4	SWITCH INC	CALL	
87105L 95 4	SWITCH INC	PUT	
871237 10 3 *	SYKES ENTERPRISES INC	COM	
871237 90 3	SYKES ENTERPRISES INC	CALL	
871237 95 3	SYKES ENTERPRISES INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
871503 10 8 *	SYMANTEC CORP	COM	
871503 90 8	SYMANTEC CORP	CALL	
871503 95 8	SYMANTEC CORP	PUT	
871561 10 6 *	SYNACOR INC	COM	
871561 90 6	SYNACOR INC	CALL	
871561 95 6	SYNACOR INC	PUT	
871565 10 7 *	SYNALLOY CP DEL	COM	
871565 90 7	SYNALLOY CP DEL	CALL	
871565 95 7	SYNALLOY CP DEL	PUT	
87157B AA 1	SYNCHRONOSS TECHNOLOGIES INC	NOTE 0.750% 8/1	ADDED
87157B 10 3 *	SYNCHRONOSS TECHNOLOGIES INC	COM	ADDED
87157B 90 3	SYNCHRONOSS TECHNOLOGIES INC	CALL	ADDED
87157B 95 3	SYNCHRONOSS TECHNOLOGIES INC	PUT	ADDED
87157D AD 1	SYNAPTICS INC	NOTE 0.500% 6/1	
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	
87162H 10 3 *	SYNTEL INC	COM	DELETED
87162H 90 3	SYNTEL INC	CALL	DELETED
87162H 95 3	SYNTEL INC	PUT	DELETED
87162W 10 0 *	SYNNEX CORP	COM	
87162W 90 0	SYNNEX CORP	CALL	
87162W 95 0	SYNNEX CORP	PUT	
871628 20 2 *	SYNTHESIS ENERGY SYS INC	COM NEW	
871628 90 2	SYNTHESIS ENERGY SYS INC	CALL	
871628 95 2	SYNTHESIS ENERGY SYS INC	PUT	
871639 30 8 *	SYNERGY PHARMACEUTICALS DEL	COM NEW	
871639 90 8	SYNERGY PHARMACEUTICALS DEL	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
871639 95 8	SYNERGY PHARMACEUTICALS DEL	PUT	
87164F 10 5 *	SYNDAX PHARMACEUTICALS INC	COM	
87164F 90 5	SYNDAX PHARMACEUTICALS INC	CALL	
87164F 95 5	SYNDAX PHARMACEUTICALS INC	PUT	
87164U 20 1	SYNTHETIC BIOLOGICS INC	COM NEW	
87165B 10 3 *	SYNCHRONY FINL	COM	
87165B 90 3	SYNCHRONY FINL	CALL	
87165B 95 3	SYNCHRONY FINL	PUT	
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	
87167A 10 3	SYNTHORX INC	COM	ADDED
871829 10 7 *	SYSCO CORP	COM	
871829 90 7	SYSCO CORP	CALL	
871829 95 7	SYSCO CORP	PUT	
87184Q 10 7 *	SYROS PHARMACEUTICALS INC	COM	
87184Q 90 7	SYROS PHARMACEUTICALS INC	CALL	
87184Q 95 7	SYROS PHARMACEUTICALS INC	PUT	
871851 10 1 *	SYSTEMAX INC	COM	
871851 90 1	SYSTEMAX INC	CALL	
871851 95 1	SYSTEMAX INC	PUT	
872275 10 2 *	TCF FINL CORP	COM	
872275 90 2	TCF FINL CORP	CALL	
872275 95 2	TCF FINL CORP	PUT	
872275 12 8	TCF FINL CORP	*W EXP 11/14/201	DELETED
872280 10 2 *	TCG BDC INC	COM	
872280 90 2	TCG BDC INC	CALL	
872280 95 2	TCG BDC INC	PUT	
87233Q 10 8 *	TC PIPELINES LP	UT COM LTD PRT	
87233Q 90 8	TC PIPELINES LP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
87233Q 95 8	TC PIPELINES LP	PUT	
872340 10 4	TCW STRATEGIC INCOME FUND IN	COM	
87236Y 10 8 *	TD AMERITRADE HLDG CORP	COM	
87236Y 90 8	TD AMERITRADE HLDG CORP	CALL	
87236Y 95 8	TD AMERITRADE HLDG CORP	PUT	
87238Q AB 9	BLACKROCK TCP CAPITAL CORP	NOTE 5.250%12/1	
87238Q AD 5	BLACKROCK TCP CAPITAL CORP	NOTE 4.625% 3/0	
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	
872438 10 6 *	THL CREDIT INC	COM	
872438 90 6	THL CREDIT INC	CALL	
872438 95 6	THL CREDIT INC	PUT	
87244R 10 3	THL CR SR LN FD	COM	
872540 10 9 *	TJX COS INC NEW	COM	
872540 90 9	TJX COS INC NEW	CALL	
872540 95 9	TJX COS INC NEW	PUT	
872590 10 4 *	T MOBILE US INC	COM	
872590 90 4	T MOBILE US INC	CALL	
872590 95 4	T MOBILE US INC	PUT	
872625 10 8 *	TRC COS INC	COM	
872625 90 8	TRC COS INC	CALL	
872625 95 8	TRC COS INC	PUT	
87265H 10 9 *	TRI POINTE GROUP INC	COM	
87265H 90 9	TRI POINTE GROUP INC	CALL	
87265H 95 9	TRI POINTE GROUP INC	PUT	
87265K AB 8	TPG SPECIALTY LENDING INC	NOTE 4.500%12/1	
87265K AD 4	TPG SPECIALTY LENDING INC	NOTE 4.500% 8/0	
87265K 10 2 *	TPG SPECIALTY LENDING INC	COM	
87265K 90 2	TPG SPECIALTY LENDING INC	CALL	
87265K 95 2	TPG SPECIALTY LENDING INC	PUT	
87266C 10 9	TMSR HLDG CO LTD	COM	
87266J 10 4 *	TPI COMPOSITES INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
872885 20 7	TSR INC	COM NEW	
87305R AD 1	TTM TECHNOLOGIES INC	NOTE 1.750%12/1	
87305R 10 9 *	TTM TECHNOLOGIES INC	COM	
87305R 90 9	TTM TECHNOLOGIES INC	CALL	
87305R 95 9	TTM TECHNOLOGIES INC	PUT	
87336U 10 5 *	TABLEAU SOFTWARE INC	CL A	
87336U 90 5	TABLEAU SOFTWARE INC	CALL	
87336U 95 5	TABLEAU SOFTWARE INC	PUT	
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	
873868 10 3 *	TAHOE RES INC	COM	
873868 90 3	TAHOE RES INC	CALL	
873868 95 3	TAHOE RES INC	PUT	
874028 10 3	TAITRON COMPONENTS INC	CL A	
87403A 10 7 *	TAILORED BRANDS INC	COM	
87403A 90 7	TAILORED BRANDS INC	CALL	
87403A 95 7	TAILORED BRANDS INC	PUT	
874036 10 6	TAIWAN FD INC	COM	
874038 10 2	TAIWAN LIPOSOME CO LTD	SPONSORED ADS	ADDED
874039 10 0 *	TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADR	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
874060 20 5 *	TAKEDA PHARMACEUTICAL CO LTD	SPONSORED ADS	ADDED
874060 90 5	TAKEDA PHARMACEUTICAL CO LTD	CALL	ADDED
874060 95 5	TAKEDA PHARMACEUTICAL CO LTD	PUT	ADDED
87407Q 20 7	TAKUNG ART CO LTD	COM NEW	
874080 AB 0	TAL ED GROUP	NOTE 2.500% 5/1	
874080 10 4 *	TAL ED GROUP	SPONSORED ADS	
874080 90 4	TAL ED GROUP	CALL	
874080 95 4	TAL ED GROUP	PUT	
874224 20 7 *	TALEND S A	ADS	
874224 90 7	TALEND S A	CALL	
874224 95 7	TALEND S A	PUT	
874696 10 7 *	TALLGRASS ENERGY LP	CLASS A SHS	
874696 90 7	TALLGRASS ENERGY LP	CALL	
874696 95 7	TALLGRASS ENERGY LP	PUT	
87484T 10 8 *	TALOS ENERGY INC	COM	
87484T 90 8	TALOS ENERGY INC	CALL	
87484T 95 8	TALOS ENERGY INC	PUT	
87484T 11 6	TALOS ENERGY INC	*W EXP 02/28/202	
875372 20 3 *	TANDEM DIABETES CARE INC	COM NEW	
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	
87600U 10 4 *	TANZANIAN ROYALTY EXPL CORP	COM	
87600U 90 4	TANZANIAN ROYALTY EXPL CORP	CALL	
87600U 95 4	TANZANIAN ROYALTY EXPL CORP	PUT	
87600Y 10 6 *	TAOMEE HLDGS LTD	SPONSORED ADR	
87600Y 90 6	TAOMEE HLDGS LTD	CALL	
87600Y 95 6	TAOMEE HLDGS LTD	PUT	
876030 10 7 *	TAPESTRY INC	COM	
876030 90 7	TAPESTRY INC	CALL	
876030 95 7	TAPESTRY INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
876033 40 8 *	TAPIMMUNE INC	COM PAR	DELETED
876033 90 8	TAPIMMUNE INC	CALL	DELETED
876033 95 8	TAPIMMUNE INC	PUT	DELETED
876108 10 1	TARENA INTL INC	ADR	
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	
876511 10 6 *	TASEKO MINES LTD	COM	
876511 90 6	TASEKO MINES LTD	CALL	
876511 95 6	TASEKO MINES LTD	PUT	
876568 50 2 *	TATA MTRS LTD	SPONSORED ADR	
876568 90 2	TATA MTRS LTD	CALL	
876568 95 2	TATA MTRS LTD	PUT	
876664 10 3 *	TAUBMAN CTRS INC	COM	
876664 90 3	TAUBMAN CTRS INC	CALL	
876664 95 3	TAUBMAN CTRS INC	PUT	
877163 10 5	TAYLOR DEVICES INC	COM	
87724P 10 6 *	TAYLOR MORRISON HOME CORP	CL A	
87724P 90 6	TAYLOR MORRISON HOME CORP	CALL	
87724P 95 6	TAYLOR MORRISON HOME CORP	PUT	
878155 AE 0	TEAM INC	NOTE 5.000% 8/0	
878155 10 0 *	TEAM INC	COM	
878155 90 0	TEAM INC	CALL	
878155 95 0	TEAM INC	PUT	
87817A 10 7 *	TEAM HEALTH HOLDINGS INC	COM	
87817A 90 7	TEAM HEALTH HOLDINGS INC	CALL	
87817A 95 7	TEAM HEALTH HOLDINGS INC	PUT	
878237 10 6 *	TECH DATA CORP	COM	
878237 90 6	TECH DATA CORP	CALL	
878237 95 6	TECH DATA CORP	PUT	
878409 10 1	TECHNICAL COMMUNICATIONS COR	COM	

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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	
878742 95 4	TECK RESOURCES LTD	PUT	
87876P 20 1	TECOGEN INC NEW	COM NEW	
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 OPPORTUNIT	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	
879165 20 7	TEL INSTR ELECTRS CORP	COM NEW	
87918A AB 1	TELADOC HEALTH INC	NOTE 3.000%12/1	
87918A 10 5 *	TELADOC HEALTH INC	COM	
87918A 90 5	TELADOC HEALTH INC	CALL	
87918A 95 5	TELADOC HEALTH INC	PUT	
879181 10 5 *	TELARIA INC	COM	
879181 90 5	TELARIA INC	CALL	
879181 95 5	TELARIA INC	PUT	
87927Y 10 2 *	TELECOM ITALIA S P A NEW	SPON ADR ORD	
87927Y 90 2	TELECOM ITALIA S P A NEW	CALL	
87927Y 95 2	TELECOM ITALIA S P A NEW	PUT	
87927Y 20 1	TELECOM ITALIA S P A NEW	SPON ADR SVGS	
879273 20 9 *	TELECOM ARGENTINA S A	SPON ADR REP B	
879273 90 9	TELECOM ARGENTINA S A	CALL	
879273 95 9	TELECOM ARGENTINA S A	PUT	
87936R 10 6 *	TELEFONICA BRASIL SA	SPONSORED ADR	
87936R 90 6	TELEFONICA BRASIL SA	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
87936R 95 6	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 INC	COM	
879369 90 6	TELEFLEX INC	CALL	
879369 95 6	TELEFLEX INC	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	
879433 95 9	TELEPHONE & DATA SYS INC	PUT	
879455 10 3 *	TELENAV INC	COM	
879455 90 3	TELENAV INC	CALL	
879455 95 3	TELENAV INC	PUT	
87960W AA 2	TELIGENT INC NEW	NOTE 4.750% 5/0	
87960W 10 4 *	TELIGENT INC NEW	COM	
87960W 90 4	TELIGENT INC NEW	CALL	
87960W 95 4	TELIGENT INC NEW	PUT	
87968A 10 4 *	TELLURIAN INC NEW	COM	
87968A 90 4	TELLURIAN INC NEW	CALL	
87968A 95 4	TELLURIAN INC NEW	PUT	
87971M 10 3 *	TELUS CORP	COM	
87971M 90 3	TELUS CORP	CALL	
87971M 95 3	TELUS CORP	PUT	
88018T 10 1	TEMPLETON DRAGON FD INC	COM	
880191 10 1	TEMPLETON EMERGING MKTS FD I	COM	
880192 10 9	TEMPLETON EMERG MKTS INCOME	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	
88025T 10 2 *	TENABLE HLDGS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88025T 90 2	TENABLE HLDGS INC	CALL	
88025T 95 2	TENABLE HLDGS INC	PUT	
88031M 10 9 *	TENARIS S A	SPONSORED ADR	
88031M 90 9	TENARIS S A	CALL	
88031M 95 9	TENARIS S A	PUT	
88032L 20 9 *	TENAX THERAPEUTICS INC	COM NEW	
88032L 90 9	TENAX THERAPEUTICS INC	CALL	
88032L 95 9	TENAX THERAPEUTICS INC	PUT	
88033G 40 7 *	TENET HEALTHCARE CORP	COM NEW	
88033G 90 7	TENET HEALTHCARE CORP	CALL	
88033G 95 7	TENET HEALTHCARE CORP	PUT	
88033R 50 2	TENGASCO INC	COM PAR	
88034P 10 9 *	TENCENT MUSIC ENTMT GROUP	SPON ADS	ADDED
88034P 90 9	TENCENT MUSIC ENTMT GROUP	CALL	ADDED
88034P 95 9	TENCENT MUSIC ENTMT GROUP	PUT	ADDED
880345 10 3 *	TENNANT CO	COM	
880345 90 3	TENNANT CO	CALL	
880345 95 3	TENNANT CO	PUT	
880349 10 5 *	TENNECO INC	CL A VTG COM STK	
880349 90 5	TENNECO INC	CALL	
880349 95 5	TENNECO INC	PUT	
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	
880890 10 8 *	TERNIUM SA	SPON ADR	
880890 90 8	TERNIUM SA	CALL	
880890 95 8	TERNIUM SA	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88104R 20 9 *	TERRAFORM PWR INC	COM CL A	
88104R 90 9	TERRAFORM PWR INC	CALL	
88104R 95 9	TERRAFORM PWR INC	PUT	
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	
881569 AA 5	TESARO INC	NOTE 3.000%10/0	
881569 10 7 *	TESARO INC	COM	
881569 90 7	TESARO INC	CALL	
881569 95 7	TESARO INC	PUT	
88160R AB 7	TESLA INC	NOTE 0.250% 3/0	
88160R AC 5	TESLA INC	NOTE 1.250% 3/0	
88160R AD 3	TESLA INC	NOTE 2.375% 3/1	
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 ADR	
881624 90 9	TEVA PHARMACEUTICAL INDS LTD	CALL	
881624 95 9	TEVA PHARMACEUTICAL INDS LTD	PUT	
88163V AE 9	TEVA PHARMACEUTICAL FIN LLC	DBCX 0.250% 2/0	
88165N 10 5 *	TETRAPHASE PHARMACEUTICALS I	COM	
88165N 90 5	TETRAPHASE PHARMACEUTICALS I	CALL	
88165N 95 5	TETRAPHASE PHARMACEUTICALS I	PUT	
88166A 10 2 *	TEUCRIUM COMMODITY TR	CORN FD SHS	
88166A 90 2	TEUCRIUM COMMODITY TR	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88166A 95 2	TEUCRIUM COMMODITY TR	PUT	
88166A 40 9	TEUCRIUM COMMODITY TR	SUGAR FD	
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	
88166A 90 7	TEUCRIUM COMMODITY TR	CALL	
88166A 95 7	TEUCRIUM COMMODITY TR	PUT	
88166A 70 6	TEUCRIUM COMMODITY TR	AGRICULTURE FD	
88224Q 10 7 *	TEXAS CAPITAL BANCSHARES INC	COM	
88224Q 90 7	TEXAS CAPITAL BANCSHARES INC	CALL	
88224Q 95 7	TEXAS CAPITAL BANCSHARES INC	PUT	
88224Q 11 5	TEXAS CAPITAL BANCSHARES INC	*W EXP 01/16/201	
882508 10 4 *	TEXAS INSTRS INC	COM	
882508 90 4	TEXAS INSTRS INC	CALL	
882508 95 4	TEXAS INSTRS INC	PUT	
882610 10 8	TEXAS PAC LD TR	SUB CTF PROP I T	
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	
88337K 20 3 *	THE9 LTD	SPONSORED ADS	
88337K 90 3	THE9 LTD	CALL	
88337K 95 3	THE9 LTD	PUT	
88338K 10 3	THE ONE GROUP HOSPITALITY IN	COM	
88338N 10 7 *	THERAPEUTICSMD INC	COM	
88338N 90 7	THERAPEUTICSMD INC	CALL	
88338N 95 7	THERAPEUTICSMD INC	PUT	
88338T AB 0	THERAVANCE INC	NOTE 2.125% 1/1	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88339A 20 3	THERAPIX BIOSCIENCES LTD	SPONSORED ADS NE	
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	
88339K AA 0	THERAVANCE BIOPHARMA INC	NOTE 3.250%11/0	
883556 10 2 *	THERMO FISHER SCIENTIFIC INC	COM	
883556 90 2	THERMO FISHER SCIENTIFIC INC	CALL	
883556 95 2	THERMO FISHER SCIENTIFIC INC	PUT	
88362T 10 3 *	THERMON GROUP HLDGS INC	COM	
88362T 90 3	THERMON GROUP HLDGS INC	CALL	
88362T 95 3	THERMON GROUP HLDGS INC	PUT	
88368Q 10 3 *	THESTREET INC	COM	
88368Q 90 3	THESTREET INC	CALL	
88368Q 95 3	THESTREET INC	PUT	
884903 10 5 *	THOMSON REUTERS CORP	COM	DELETED
884903 90 5	THOMSON REUTERS CORP	CALL	DELETED
884903 95 5	THOMSON REUTERS CORP	PUT	DELETED
884903 70 9 *	THOMSON REUTERS CORP	COM NEW	ADDED
884903 90 9	THOMSON REUTERS CORP	CALL	ADDED
884903 95 9	THOMSON REUTERS CORP	PUT	ADDED
885160 10 1 *	THOR INDS INC	COM	
885160 90 1	THOR INDS INC	CALL	
885160 95 1	THOR INDS 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	
88557W 10 1	360 FINANCE INC	ADS	ADDED
88579C 10 9	3PEA INTL INC	COM	
88579Y 10 1 *	3M CO	COM	
88579Y 90 1	3M CO	CALL	
88579Y 95 1	3M CO	PUT	
88633A 10 7	TIBERIUS ACQUISITION CORP	COM	
88633A 11 5	TIBERIUS ACQUISITION CORP	*W EXP 02/28/202	
88633A 20 6	TIBERIUS ACQUISITION CORP	UNIT 02/28/2021	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 11/24/202	ADDED
88650V 20 8 *	TIER REIT INC	COM NEW	
88650V 90 8	TIER REIT INC	CALL	
88650V 95 8	TIER REIT INC	PUT	
886547 10 8 *	TIFFANY & CO NEW	COM	
886547 90 8	TIFFANY & CO NEW	CALL	
886547 95 8	TIFFANY & CO NEW	PUT	
88677Q 10 9 *	TILE SHOP HLDGS INC	COM	
88677Q 90 9	TILE SHOP HLDGS INC	CALL	
88677Q 95 9	TILE SHOP HLDGS INC	PUT	
88680T 10 8	TIGERSHARES TR	CHINA US INTERNT	ADDED
88688T 10 0 *	TILRAY INC	COM CL 2	
88688T 90 0	TILRAY INC	CALL	
88688T 95 0	TILRAY INC	PUT	
886885 10 2 *	TILLYS INC	CL A	
886885 90 2	TILLYS INC	CALL	
886885 95 2	TILLYS INC	PUT	
88706P 20 5 *	TIM PARTICIPACOES S A	SPONSORED ADR	
88706P 90 5	TIM PARTICIPACOES S A	CALL	
88706P 95 5	TIM PARTICIPACOES S A	PUT	
887098 10 1	TIMBERLAND BANCORP INC	COM	
887389 10 4 *	TIMKEN CO	COM	
887389 90 4	TIMKEN CO	CALL	
887389 95 4	TIMKEN CO	PUT	
887399 AA 1	TIMKENSTEEL CORP	NOTE 6.000% 6/0	
887399 10 3 *	TIMKENSTEEL CORP	COM	
887399 90 3	TIMKENSTEEL CORP	CALL	
887399 95 3	TIMKENSTEEL CORP	PUT	
88822Q 10 3	TIPTREE INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AB 7	TITAN MACHY INC	NOTE 3.750% 5/0	
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	
888314 30 9 *	TITAN PHARMACEUTICALS INC DE	COM NEW	
888314 90 9	TITAN PHARMACEUTICALS INC DE	CALL	
888314 95 9	TITAN PHARMACEUTICALS INC DE	PUT	
88870P 10 6 *	TIVO CORP	COM	
88870P 90 6	TIVO CORP	CALL	
88870P 95 6	TIVO CORP	PUT	
88870R 10 2 *	TIVITY HEALTH INC	COM	
88870R 90 2	TIVITY HEALTH INC	CALL	
88870R 95 2	TIVITY HEALTH INC	PUT	
88875G 10 1	TIZIANA LIFE SCIENCES PLC	SPONSORED ADS	ADDED
888846 10 2 *	TOCAGEN INC	COM	
888846 90 2	TOCAGEN INC	CALL	
888846 95 2	TOCAGEN INC	PUT	
889478 10 3 *	TOLL BROTHERS INC	COM	
889478 90 3	TOLL BROTHERS INC	CALL	
889478 95 3	TOLL BROTHERS INC	PUT	
890110 10 9 *	TOMPKINS FINANCIAL CORPORATI	COM	
890110 90 9	TOMPKINS FINANCIAL CORPORATI	CALL	
890110 95 9	TOMPKINS FINANCIAL CORPORATI	PUT	
890260 40 9 *	TONIX PHARMACEUTICALS HLDG C	COM	DELETED
890260 90 9	TONIX PHARMACEUTICALS HLDG C	CALL	DELETED
890260 95 9	TONIX PHARMACEUTICALS HLDG C	PUT	DELETED
890260 50 8 *	TONIX PHARMACEUTICALS HLDG C	COM NEW	ADDED
890260 90 8	TONIX PHARMACEUTICALS HLDG C	CALL	ADDED
890260 95 8	TONIX PHARMACEUTICALS HLDG C	PUT	ADDED
890516 10 7 *	TOOTSIE ROLL INDS INC	COM	

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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	
89102U 10 3	TORCHLIGHT ENERGY RES INC	COM	
891027 10 4 *	TORCHMARK CORP	COM	
891027 90 4	TORCHMARK CORP	CALL	
891027 95 4	TORCHMARK 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	
89147L 10 0	TORTOISE ENERGY INFRA CORP	COM	
89147X 10 4	TORTOISE PWR & ENERGY INFRAS	COM	
89148B 10 1	TORTOISE MLP FD INC	COM	
89148H 10 8	TORTOISE PIPELINE & ENERGY F	COM	
89148K 10 1	TORTOISE ENERGY INDEPENDENC	COM	
89151E 10 9 *	TOTAL S A	SPONSORED ADR	
89151E 90 9	TOTAL S A	CALL	
89151E 95 9	TOTAL S A	PUT	
89157G 11 6	TOUGHBUILT INDUSTRIES INC	*W EXP 11/09/202	ADDED
89157G 20 7	TOUGHBUILT INDUSTRIES INC	COM	ADDED
89157G 30 6	TOUGHBUILT INDUSTRIES INC	UNIT 10/10/20233	ADDED
891826 10 9 *	TOWER INTL INC	COM	
891826 90 9	TOWER INTL INC	CALL	
891826 95 9	TOWER INTL INC	PUT	
891906 10 9 *	TOTAL SYS SVCS INC	COM	
891906 90 9	TOTAL SYS SVCS INC	CALL	
891906 95 9	TOTAL SYS SVCS INC	PUT	
89214A 10 2 *	TOWN SPORTS INTL HLDGS INC	COM	
89214A 90 2	TOWN SPORTS INTL HLDGS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
89214A 95 2	TOWN SPORTS INTL HLDGS INC	PUT	
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	SP ADR REP2COM	
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 10 0	TRACON PHARMACEUTICALS INC	COM	
892918 10 3 *	TRANSACT TECHNOLOGIES INC	COM	
892918 90 3	TRANSACT TECHNOLOGIES INC	CALL	
892918 95 3	TRANSACT TECHNOLOGIES INC	PUT	
89336Q 10 0 *	TRANS WORLD ENTMT CORP	COM	
89336Q 90 0	TRANS WORLD ENTMT CORP	CALL	
89336Q 95 0	TRANS WORLD ENTMT CORP	PUT	
89346D 10 7 *	TRANSALTA CORP	COM	
89346D 90 7	TRANSALTA CORP	CALL	
89346D 95 7	TRANSALTA CORP	PUT	
89349P 10 7	TRANSAMERICA ETF TR	DELTASHS S&P 500	
89349P 20 6	TRANSAMERICA ETF TR	DELTASHS S&P 400	
89349P 30 5	TRANSAMERICA ETF TR	DELTASHS S&P 600	
89349P 40 4	TRANSAMERICA ETF TR	DELTASHS S&P INT	
893529 10 7	TRANSCAT INC	COM	
89353D 10 7 *	TRANSCANADA CORP	COM	
89353D 90 7	TRANSCANADA CORP	CALL	
89353D 95 7	TRANSCANADA CORP	PUT	
893617 20 9	TRANSCONTINENTAL RLTY INVS	COM NEW	
893641 10 0 *	TRANSDIGM GROUP INC	COM	
893641 90 0	TRANSDIGM GROUP INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
893641 95 0	TRANSDIGM GROUP INC	PUT	
89366M 20 1 *	TRANSENERIX INC	COM NEW	
89366M 90 1	TRANSENERIX INC	CALL	
89366M 95 1	TRANSENERIX INC	PUT	
893662 10 6 *	TRANSGLOBE ENERGY CORP	COM	
893662 90 6	TRANSGLOBE ENERGY CORP	CALL	
893662 95 6	TRANSGLOBE ENERGY CORP	PUT	
89374L 10 4	TRANSLATE BIO INC	COM	
89376V 10 0 *	TRANSMONTAIGNE PARTNERS L P	COM UNIT L P	
89376V 90 0	TRANSMONTAIGNE PARTNERS L P	CALL	
89376V 95 0	TRANSMONTAIGNE PARTNERS L P	PUT	
893830 BJ 7	TRANSOCEAN INC	DEB 0.500% 1/3	
893870 20 4 *	TRANSPORTADORA DE GAS SUR	SPON ADR 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	
89417E 10 9 *	TRAVELERS COMPANIES INC	COM	
89417E 90 9	TRAVELERS COMPANIES INC	CALL	
89417E 95 9	TRAVELERS COMPANIES INC	PUT	
894174 10 1 *	TRAVELCENTERS AMER LLC	COM	
894174 90 1	TRAVELCENTERS AMER LLC	CALL	
894174 95 1	TRAVELCENTERS AMER LLC	PUT	
89421Q 20 5 *	TRAVELZOO	COM NEW	
89421Q 90 5	TRAVELZOO	CALL	
89421Q 95 5	TRAVELZOO	PUT	
894648 10 4 *	TRECORA RES	COM	
894648 90 4	TRECORA RES	CALL	
894648 95 4	TRECORA RES	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
89469A 90 4	TREEHOUSE FOODS INC	CALL	
89469A 95 4	TREEHOUSE FOODS INC	PUT	
894789 10 6	TREMONT MTG TR	COM	
89531P 10 5 *	TREX CO INC	COM	
89531P 90 5	TREX CO INC	CALL	
89531P 95 5	TREX CO INC	PUT	
89532E 10 9 *	TREVENA INC	COM	
89532E 90 9	TREVENA INC	CALL	
89532E 95 9	TREVENA INC	PUT	
895436 10 3 *	TRI CONTL CORP	COM	
895436 90 3	TRI CONTL CORP	CALL	
895436 95 3	TRI CONTL CORP	PUT	
896047 50 3 *	TRIBUNE MEDIA CO	CL A	
896047 90 3	TRIBUNE MEDIA CO	CALL	
896047 95 3	TRIBUNE MEDIA CO	PUT	
89609W 10 7 *	TRIBUNE PUBG CO NEW	COM	ADDED
89609W 90 7	TRIBUNE PUBG CO NEW	CALL	ADDED
89609W 95 7	TRIBUNE PUBG CO NEW	PUT	ADDED
896095 10 6 *	TRICO BANCSHARES	COM	
896095 90 6	TRICO BANCSHARES	CALL	
896095 95 6	TRICO BANCSHARES	PUT	
89610F 10 1	TRICIDA INC	COM	
89615T 10 6	TRIDENT ACQUISITIONS CORP	COM	
89615T 11 4	TRIDENT ACQUISITIONS CORP	*W EXP 05/09/202	
89615T 20 5	TRIDENT ACQUISITIONS CORP	UNIT 05/09/2023	
89620X 50 6 *	TRILLIUM THERAPEUTICS INC	COM NEW	
89620X 90 6	TRILLIUM THERAPEUTICS INC	CALL	
89620X 95 6	TRILLIUM THERAPEUTICS 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
896239 10 0 *	TRIMBLE INC	COM	
896239 90 0	TRIMBLE INC	CALL	
896239 95 0	TRIMBLE INC	PUT	
89628W 30 2	TRIMTABS ETF TR	ALL CAP US FREE	
89628W 40 1	TRIMTABS ETF TR	ALL CAP INTL	
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	
896522 10 9 *	TRINITY INDS INC	COM	
896522 90 9	TRINITY INDS INC	CALL	
896522 95 9	TRINITY INDS INC	PUT	
89653L 10 6	TRINITY MERGER CORP	COM CL A	
89653L 11 4	TRINITY MERGER CORP	*W EXP 05/11/202	
89653L 20 5	TRINITY MERGER CORP	UNIT 05/11/2025	
89656D 10 1	TRINITY PL HLDGS INC	COM	
896712 20 5	TRIO TECH INTL	COM NEW	
896749 10 8 *	TRIPLE-S MGMT CORP	CL B	
896749 90 8	TRIPLE-S MGMT CORP	CALL	
896749 95 8	TRIPLE-S MGMT CORP	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	
89678F 10 0	TRISTATE CAP HLDGS INC	COM	
89679E 30 0	TRIUMPH BANCORP INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
896945 20 1 *	TRIPADVISOR INC	COM	
896945 90 1	TRIPADVISOR INC	CALL	
896945 95 1	TRIPADVISOR INC	PUT	
89703P 10 7 *	TRONC INC	COM	DELETED
89703P 90 7	TRONC INC	CALL	DELETED
89703P 95 7	TRONC INC	PUT	DELETED
897238 40 8 *	TROVAGENE INC	COM PAR	
897238 90 8	TROVAGENE INC	CALL	
897238 95 8	TROVAGENE INC	PUT	
89785L 10 7 *	TRUECAR INC	COM	
89785L 90 7	TRUECAR INC	CALL	
89785L 95 7	TRUECAR INC	PUT	
89785X 10 1 *	TRUEBLUE INC	COM	
89785X 90 1	TRUEBLUE INC	CALL	
89785X 95 1	TRUEBLUE INC	PUT	
897871 10 9	TRUETT-HURST INC	CL A	
897888 AB 9	TRULIA INC	NOTE 2.750%12/1	
898202 10 6 *	TRUPANION INC	COM	
898202 90 6	TRUPANION INC	CALL	
898202 95 6	TRUPANION INC	PUT	
898349 10 5 *	TRUSTCO BK CORP N Y	COM	
898349 90 5	TRUSTCO BK CORP N Y	CALL	
898349 95 5	TRUSTCO BK CORP N Y	PUT	
898402 10 2 *	TRUSTMARK CORP	COM	
898402 90 2	TRUSTMARK CORP	CALL	
898402 95 2	TRUSTMARK CORP	PUT	
89853L 10 4 *	T2 BIOSYSTEMS INC	COM	
89853L 90 4	T2 BIOSYSTEMS INC	CALL	
89853L 95 4	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	
89856T 10 4	TUANCHE LTD	ADS	ADDED
898697 20 6 *	TUCOWS INC	COM NEW	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
898697 90 6	TUCOWS INC	CALL	
898697 95 6	TUCOWS INC	PUT	
899035 50 5 *	TUESDAY MORNING CORP	COM NEW	
899035 90 5	TUESDAY MORNING CORP	CALL	
899035 95 5	TUESDAY MORNING CORP	PUT	
89977P 10 6 *	TUNIU CORP	SPONSORED ADS CL	
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 10 5 *	TURNING PT BRANDS INC	COM	
90041L 90 5	TURNING PT BRANDS INC	CALL	
90041L 95 5	TURNING PT BRANDS INC	PUT	
900435 10 8 *	TURQUOISE HILL RES LTD	COM	
900435 90 8	TURQUOISE HILL RES LTD	CALL	
900435 95 8	TURQUOISE HILL RES LTD	PUT	
900450 20 6 *	TURTLE BEACH CORP	COM NEW	
900450 90 6	TURTLE BEACH CORP	CALL	
900450 95 6	TURTLE BEACH CORP	PUT	
901109 AD 0	TUTOR PERINI CORP	NOTE 2.875% 6/1	
901109 10 8 *	TUTOR PERINI CORP	COM	
901109 90 8	TUTOR PERINI CORP	CALL	
901109 95 8	TUTOR PERINI CORP	PUT	
90130A 10 1 *	TWENTY FIRST CENTY FOX INC	CL A	
90130A 90 1	TWENTY FIRST CENTY FOX INC	CALL	
90130A 95 1	TWENTY FIRST CENTY FOX INC	PUT	
90130A 20 0 *	TWENTY FIRST CENTY FOX INC	CL B	
90130A 90 0	TWENTY FIRST CENTY FOX INC	CALL	
90130A 95 0	TWENTY FIRST CENTY FOX INC	PUT	
90137F 10 3 *	22ND CENTY GROUP INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
90137F 90 3	22ND CENTY GROUP INC	CALL	
90137F 95 3	22ND CENTY GROUP INC	PUT	
90138A 10 3 *	21VIANET GROUP INC	SPONSORED ADR	
90138A 90 3	21VIANET GROUP INC	CALL	
90138A 95 3	21VIANET GROUP INC	PUT	
90138F 10 2 *	TWILIO INC	CL A	
90138F 90 2	TWILIO INC	CALL	
90138F 95 2	TWILIO INC	PUT	
901476 10 1 *	TWIN DISC INC	COM	
901476 90 1	TWIN DISC INC	CALL	
901476 95 1	TWIN DISC INC	PUT	
90184D 10 0	TWIST BIOSCIENCE CORP	COM	ADDED
90184L AB 8	TWITTER INC	NOTE 0.250% 9/1	
90184L AD 4	TWITTER INC	NOTE 1.000% 9/1	
90184L 10 2 *	TWITTER INC	COM	
90184L 90 2	TWITTER INC	CALL	
90184L 95 2	TWITTER INC	PUT	
90187B AA 9	TWO HBRS INVT CORP	NOTE 6.250% 1/1	DELETED
90187B 40 8 *	TWO HBRS INVT CORP	COM NEW	
90187B 90 8	TWO HBRS INVT CORP	CALL	
90187B 95 8	TWO HBRS INVT CORP	PUT	
90207C 10 5	TWO RIV BANCORP	COM	
902104 AB 4	II VI INC	NOTE 0.250% 9/0	
902104 10 8 *	II VI INC	COM	
902104 90 8	II VI INC	CALL	
902104 95 8	II VI INC	PUT	
90213U 11 5	TWO RDS SHARED TR	ANFIELD CAP DI	
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	
90214Q 76 6	TWO RDS SHARED TR	ANFIELD UNVL ETF	
90214Q 77 4	TWO RDS SHARED TR	LDRSHS ALPFACT	ADDED
902252 10 5 *	TYLER TECHNOLOGIES INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
902252 90 5	TYLER TECHNOLOGIES INC	CALL	
902252 95 5	TYLER TECHNOLOGIES INC	PUT	
90238J 10 3 *	TYME TECHNOLOGIES INC	COM	
90238J 90 3	TYME TECHNOLOGIES INC	CALL	
90238J 95 3	TYME TECHNOLOGIES INC	PUT	
902494 10 3 *	TYSON FOODS INC	CL A	
902494 90 3	TYSON FOODS INC	CALL	
902494 95 3	TYSON FOODS INC	PUT	
902641 58 8	UBS AG JERSEY BRH	ETRAC WELLS BDCI	
902641 62 0	UBS AG JERSEY BRH	LKD ALRN NTGAS	
902641 64 6 *	UBS AG JERSEY BRH	ALERIAN INFRST	
902641 90 6	UBS AG JERSEY BRH	CALL	
902641 95 6	UBS AG JERSEY BRH	PUT	
902641 67 9	UBS AG JERSEY BRH	DJ COMMD ETN39	
902641 73 7	UBS AG JERSEY BRH	CMCI FOOD ETN	
902641 76 0	UBS AG JERSEY BRH	CMCI AGRI ETN	
902641 77 8	UBS AG JERSEY BRH	CMCI ETN 38	
902641 79 4	UBS AG JERSEY BRH	CMCI SILVR ETN	
902641 81 0	UBS AG JERSEY BRH	CMCI GOLD ETN	
902653 10 4 *	UDR INC	COM	
902653 90 4	UDR INC	CALL	
902653 95 4	UDR INC	PUT	
90267B 68 2	UBS AG LONDON BRH	ETRAC ALER MLP	
90267B 76 5	UBS AG LONDON BRH	ETRAC 2X LEV LNG	
90267L 40 9	UBS AG LONDON BRH	ETRACS 2XLVS&P	
902673 10 2	UFP TECHNOLOGIES INC	COM	
902677 78 0	UBS AG LONDON BRH	EN LG CP GRWTH	
90268G 60 7	UBS AG LONDON BRH	ETRACS MP2X DJ	
902681 10 5 *	UGI CORP NEW	COM	
902681 90 5	UGI CORP NEW	CALL	
902681 95 5	UGI CORP NEW	PUT	
90269A 30 2	UBS AG LONDON BRH	ETRACS MTH2XRE	
90270L 35 4	UBS AG LONDON BRH	SER B LKD 46	
90270L 72 7	UBS AG LONDON BRH	2XLEV US HG DV	

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90270L 84 2	UBS AG LONDON BRH	ETRACS MTH 2XLV	
90270L 85 9	UBS AG LONDON BRH	ETRAC MP2X LEV	
90273A 20 7	UBS AG LONDON BRH	MLP EX ENERGY	
90274D 21 8	UBS AG LONDON BRH	FI ENHANCD ETN	
90274D 23 4	UBS AG LONDON BRH	FI ENHAN EUR ETN	
90274D 24 2	UBS AG LONDON BRH	NT SPMLP 46	
90274D 25 9	UBS AG LONDON BRH	NT AMZI 46	
90274D 37 4	UBS AG LONDON BRH	ETRACS ALERIAN M	
90274D 38 2	UBS AG LONDON BRH	ETRACS ALER MLP	
90274D 39 0	UBS AG LONDON BRH	ETRACS UBS BLOOM	
90274D 41 6	UBS AG LONDON BRH	ETRACS WF BUS DE	
90274D 42 4	UBS AG LONDON BRH	2XLEVE ETRACS WF	
90274D 43 2	UBS AG LONDON BRH	ETRACS MNTLY PAY	
90274D 83 8	UBS AG LONDON BRH	ETRACS MNT ETN	
90274E 11 7	UBS AG LONDON BRH	NT LKD 46	
90274E 12 5	UBS AG LONDON BRH	NT LKD 46	
90274E 16 6	UBS AG LONDON BRH	ETRACS MNTHLY B	ADDED
90274E 17 4	UBS AG LONDON BRH	ETRACS 2XM ETN	
90274E 25 7	UBS AG LONDON BRH	ETRACS NYSE	
90274E 81 0	UBS AG LONDON BRH	VLCTY 1X DLY ETN	
90274E 82 8 *	UBS AG LONDON BRH	VELCTY 1X ETN 47	
90274E 90 8	UBS AG LONDON BRH	CALL	
90274E 95 8	UBS AG LONDON BRH	PUT	
90274P 30 2	UBS AG LONDON BRANCH	MNT REST 2X LV	
90274R 10 0	UBS AG LONDON BRH	2X LEV MSCI US	
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 60 1	USCF ETF TR	SUMERHAVEN PVT	
90290T 70 0	USCF ETF TR	SUMERHAVEN EQT	
90290T 80 9	USCF ETF TR	SUMMERHAVEN K1	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
90291C 10 2	U S GOLD CORP	COM PAR NEW	
90291F 10 5	USAA ETF TR	MSCI USA VL MT	
90291F 20 4	USAA ETF TR	MSCI USA SMALL	
90291F 30 3	USAA ETF TR	MSCI INTL VLU	
90291F 40 2	USAA ETF TR	MSCI EMRG MKTS	
90291F 50 1	USAA ETF TR	CORE SHRT BD	
90291F 60 0	USAA ETF TR	CORE INTRMDITE	
902925 10 6	USA TRUCK INC	COM	
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	
903213 10 6 *	UQM TECHNOLOGIES INC	COM	
903213 90 6	UQM TECHNOLOGIES INC	CALL	
903213 95 6	UQM TECHNOLOGIES INC	PUT	
903214 10 4	UNUM THERAPEUTICS INC	COM	
90328M 10 7 *	USANA HEALTH SCIENCES INC	COM	
90328M 90 7	USANA HEALTH SCIENCES INC	CALL	
90328M 95 7	USANA HEALTH SCIENCES INC	PUT	
90328S 20 3	USA TECHNOLOGIES INC	CONV PFD SER A	
90328S 50 0 *	USA TECHNOLOGIES INC	COM NO PAR	
90328S 90 0	USA TECHNOLOGIES INC	CALL	
90328S 95 0	USA TECHNOLOGIES INC	PUT	
903293 40 5 *	U S G CORP	COM NEW	
903293 90 5	U S G CORP	CALL	
903293 95 5	U S G CORP	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
90333L 20 1 *	U S CONCRETE INC	COM NEW	
90333L 90 1	U S CONCRETE INC	CALL	
90333L 95 1	U S CONCRETE INC	PUT	
90337L 10 8 *	U S PHYSICAL THERAPY INC	COM	
90337L 90 8	U S PHYSICAL THERAPY INC	CALL	
90337L 95 8	U S PHYSICAL THERAPY INC	PUT	
90338N 20 2 *	US XPRESS ENTERPRISES INC	COM CL A	
90338N 90 2	US XPRESS ENTERPRISES INC	CALL	
90338N 95 2	US XPRESS ENTERPRISES INC	PUT	
90343C 10 0	U.S. AUTO PARTS NETWORK INC	COM	
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	
90347A 10 0 *	UBIQUITI NETWORKS INC	COM	
90347A 90 0	UBIQUITI NETWORKS INC	CALL	
90347A 95 0	UBIQUITI NETWORKS INC	PUT	
90384S 30 3 *	ULTA BEAUTY INC	COM	
90384S 90 3	ULTA BEAUTY INC	CALL	
90384S 95 3	ULTA BEAUTY INC	PUT	
90385D 10 7 *	ULTIMATE SOFTWARE GROUP INC	COM	
90385D 90 7	ULTIMATE SOFTWARE GROUP INC	CALL	
90385D 95 7	ULTIMATE SOFTWARE GROUP 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	
903899 10 2 *	ULTRALIFE CORP	COM	
903899 90 2	ULTRALIFE CORP	CALL	
903899 95 2	ULTRALIFE CORP	PUT	
903914 20 8 *	ULTRA PETROLEUM CORP	COM NEW	
903914 90 8	ULTRA PETROLEUM CORP	CALL	
903914 95 8	ULTRA PETROLEUM CORP	PUT	
90400D 10 8 *	ULTRAGENYX PHARMACEUTICAL IN	COM	
90400D 90 8	ULTRAGENYX PHARMACEUTICAL IN	CALL	
90400D 95 8	ULTRAGENYX PHARMACEUTICAL IN	PUT	

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90400P 10 1 *	ULTRAPAR PARTICIPACOES S A	SP ADR REP COM	
90400P 90 1	ULTRAPAR PARTICIPACOES S A	CALL	
90400P 95 1	ULTRAPAR PARTICIPACOES S A	PUT	
904214 10 3 *	UMPQUA HLDGS CORP	COM	
904214 90 3	UMPQUA HLDGS CORP	CALL	
904214 95 3	UMPQUA HLDGS CORP	PUT	
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	
904677 20 0 *	UNIFI INC	COM NEW	
904677 90 0	UNIFI INC	CALL	
904677 95 0	UNIFI INC	PUT	
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	
904767 95 4	UNILEVER PLC	PUT	
904784 70 9 *	UNILEVER N V	N Y SHS NEW	
904784 90 9	UNILEVER N V	CALL	
904784 95 9	UNILEVER N V	PUT	
90539J 10 9 *	UNION BANKSHARES CORP NEW	COM	
90539J 90 9	UNION BANKSHARES CORP NEW	CALL	
90539J 95 9	UNION BANKSHARES CORP NEW	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 BS 6	UNISYS CORP	NOTE 5.500% 3/0	

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909214 30 6 *	UNISYS CORP	COM NEW	
909214 90 6	UNISYS CORP	CALL	
909214 95 6	UNISYS CORP	PUT	
909218 10 9 *	UNIT CORP	COM	
909218 90 9	UNIT CORP	CALL	
909218 95 9	UNIT CORP	PUT	
909458 10 1	UNITED BANCSHARES INC OHIO	COM	
909839 10 2 *	UNITED CMNTY FINL CORP OHIO	COM	
909839 90 2	UNITED CMNTY FINL CORP OHIO	CALL	
909839 95 2	UNITED CMNTY FINL CORP OHIO	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 CONTL HLDGS INC	COM	
910047 90 9	UNITED CONTL HLDGS INC	CALL	
910047 95 9	UNITED CONTL HLDGS INC	PUT	
910304 10 4 *	UNITED FINL BANCORP INC NEW	COM	
910304 90 4	UNITED FINL BANCORP INC NEW	CALL	
910304 95 4	UNITED FINL BANCORP INC NEW	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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
911163 90 3	UNITED NAT FOODS INC	CALL	
911163 95 3	UNITED NAT FOODS INC	PUT	
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 SECURITY BANCSHARES C	COM	
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	
911718 10 4	UNITED STS COMMODITY IDX FDT	CM REP COPP FD	
911805 20 8 *	U S ENERGY CORP WYO	COM NEW	
911805 90 8	U S ENERGY CORP WYO	CALL	
911805 95 8	U S ENERGY CORP WYO	PUT	
911922 10 2	UNITED STATES LIME & MINERAL	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 STATES NATL GAS FUND	UNIT PAR	
912318 90 0	UNITED STATES NATL GAS FUND	CALL	
912318 95 0	UNITED STATES NATL GAS FUND	PUT	
91232N 10 8 *	UNITED STATES OIL FUND LP	UNITS	

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91232N 90 8	UNITED STATES OIL FUND LP	CALL	
91232N 95 8	UNITED STATES OIL FUND LP	PUT	
91274U 10 1	U S WELL SVCS INC	CL A	ADDED
91274U 11 9	U S WELL SVCS INC	*W EXP 03/15/202	ADDED
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 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	
913017 10 9 *	UNITED TECHNOLOGIES CORP	COM	
913017 90 9	UNITED TECHNOLOGIES CORP	CALL	
913017 95 9	UNITED TECHNOLOGIES CORP	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	
91336L 10 7 *	UNIVAR INC	COM	
91336L 90 7	UNIVAR INC	CALL	
91336L 95 7	UNIVAR INC	PUT	
913456 10 9 *	UNIVERSAL CORP VA	COM	
913456 90 9	UNIVERSAL CORP VA	CALL	

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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	
913543 10 4 *	UNIVERSAL FST PRODS INC	COM	
913543 90 4	UNIVERSAL FST PRODS INC	CALL	
913543 95 4	UNIVERSAL FST PRODS INC	PUT	
91359E 10 5 *	UNIVERSAL HEALTH RLTY INCM T	SH BEN INT	
91359E 90 5	UNIVERSAL HEALTH RLTY INCM T	CALL	
91359E 95 5	UNIVERSAL HEALTH RLTY INCM T	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 10 1 *	UNITY BIOTECHNOLOGY INC	COM	
91381U 90 1	UNITY BIOTECHNOLOGY INC	CALL	
91381U 95 1	UNITY BIOTECHNOLOGY INC	PUT	
913821 30 2	UNIVERSAL SEC INSTRS INC	COM NEW	
913837 10 0	UNIVERSAL STAINLESS & ALLOY	COM	
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 CORP PA	COM	
915271 90 0	UNIVEST CORP PA	CALL	
915271 95 0	UNIVEST CORP PA	PUT	
91529Y 10 6 *	UNUM GROUP	COM	
91529Y 90 6	UNUM GROUP	CALL	
91529Y 95 6	UNUM GROUP	PUT	

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91544A 10 9 *	UPLAND SOFTWARE INC	COM	
91544A 90 9	UPLAND SOFTWARE INC	CALL	
91544A 95 9	UPLAND SOFTWARE INC	PUT	
91688F 10 4 *	UPWORK INC	COM	ADDED
91688F 90 4	UPWORK INC	CALL	ADDED
91688F 95 4	UPWORK INC	PUT	ADDED
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	
91704F 10 4 *	URBAN EDGE PPTYS	COM	
91704F 90 4	URBAN EDGE PPTYS	CALL	
91704F 95 4	URBAN EDGE PPTYS	PUT	
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 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	
917286 80 9	URSTADT BIDDLE PPTYS INC	PFD-G CV 6.75%	
91732J 10 2 *	US ECOLOGY INC	COM	
91732J 90 2	US ECOLOGY INC	CALL	
91732J 95 2	US ECOLOGY INC	PUT	
91733T 30 7	USCF FDS TR	US 3X OIL FD	
91733T 40 6	USCF FDS TR	US 3X SHRT OIL	
917488 10 8 *	UTAH MED PRODS INC	COM	
917488 90 8	UTAH MED PRODS INC	CALL	
917488 95 8	UTAH MED PRODS INC	PUT	
91818X 10 8 *	UXIN LTD	ADS	

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91818X 90 8	UXIN LTD	CALL	
91818X 95 8	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	COM NEW	
91822J 90 3	VBI VACCINES INC	CALL	
91822J 95 3	VBI VACCINES INC	PUT	
91822M 10 6 *	VEON LTD	SPONSORED ADR	
91822M 90 6	VEON LTD	CALL	
91822M 95 6	VEON LTD	PUT	
918284 10 0	VSE CORP	COM	
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	
91851C 20 1 *	VAALCO ENERGY INC	COM NEW	
91851C 90 1	VAALCO ENERGY INC	CALL	
91851C 95 1	VAALCO ENERGY INC	PUT	
918640 10 3	VACCINEX INC	COM	
91879Q 10 9 *	VAIL RESORTS INC	COM	
91879Q 90 9	VAIL RESORTS INC	CALL	
91879Q 95 9	VAIL RESORTS INC	PUT	
918905 10 0 *	VALHI INC NEW	COM	
918905 90 0	VALHI INC NEW	CALL	
918905 95 0	VALHI INC NEW	PUT	
91912E 10 5 *	VALE S A	ADR	
91912E 90 5	VALE S A	CALL	
91912E 95 5	VALE S A	PUT	
91913Y 10 0 *	VALERO ENERGY CORP NEW	COM	
91913Y 90 0	VALERO ENERGY CORP NEW	CALL	

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91913Y 95 0	VALERO ENERGY CORP NEW	PUT	
91914J 10 2 *	VALERO ENERGY PARTNERS LP	COM UNT REP LP	
91914J 90 2	VALERO ENERGY PARTNERS LP	CALL	
91914J 95 2	VALERO ENERGY PARTNERS LP	PUT	
91914N 20 2	VALERITAS HLDGS INC	COM NEW	
919794 10 7 *	VALLEY NATL BANCORP	COM	
919794 90 7	VALLEY NATL BANCORP	CALL	
919794 95 7	VALLEY NATL BANCORP	PUT	
919794 13 1	VALLEY NATL BANCORP	*W EXP 11/14/201	DELETED
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	
92047W 10 1 *	VALVOLINE INC	COM	
92047W 90 1	VALVOLINE INC	CALL	
92047W 95 1	VALVOLINE INC	PUT	
921078 10 1 *	VANECK MERK GOLD TRUST	GOLD TRUST	
921078 90 1	VANECK MERK GOLD TRUST	CALL	
921078 95 1	VANECK MERK GOLD TRUST	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 VECTORS ETF TR	GOLD MINERS ETF	
92189F 90 6	VANECK VECTORS ETF TR	CALL	
92189F 95 6	VANECK VECTORS ETF TR	PUT	
92189F 11 4	VANECK VECTORS ETF TR	VIDEO GAMING	ADDED
92189F 12 2	VANECK VECTORS ETF TR	MRNGSTR GBL WD	ADDED
92189F 13 0	VANECK VECTORS ETF TR	REAL ASSET ALC	
92189F 14 8	VANECK VECTORS ETF TR	NDR CMG LN FLT	
92189F 17 1	VANECK VECTORS ETF TR	GREEN BD ETF	
92189F 20 5 *	VANECK VECTORS ETF TR	STEEL ETF	
92189F 90 5	VANECK VECTORS ETF TR	CALL	
92189F 95 5	VANECK VECTORS ETF TR	PUT	
92189F 28 8 *	VANECK VECTORS ETF TR	HIGH INCOME MLP	

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92189F 90 8	VANECK VECTORS ETF TR	CALL	
92189F 95 8	VANECK VECTORS ETF TR	PUT	
92189F 30 4	VANECK VECTORS ETF TR	ENVIRONMENTAL SV	
92189F 35 3	VANECK VECTORS ETF TR	EMERGING MKTS HI	
92189F 36 1 *	VANECK VECTORS ETF TR	HIGH YLD MUN ETF	DELETED
92189F 90 1	VANECK VECTORS ETF TR	CALL	DELETED
92189F 95 1	VANECK VECTORS ETF TR	PUT	DELETED
92189F 37 9	VANECK VECTORS ETF TR	CHINAAMC CHINA B	
92189F 38 7	VANECK VECTORS ETF TR	SHORT HIGH YIELD	
92189F 40 3 *	VANECK VECTORS ETF TR	RUSSIA ETF	
92189F 90 3	VANECK VECTORS ETF TR	CALL	
92189F 95 3	VANECK VECTORS ETF TR	PUT	
92189F 41 1	VANECK VECTORS ETF TR	BDC INCOME ETF	
92189F 42 9	VANECK VECTORS ETF TR	PFD SECS EX FINL	
92189F 43 7 *	VANECK VECTORS ETF TR	FALLEN ANGEL HG	
92189F 90 7	VANECK VECTORS ETF TR	CALL	
92189F 95 7	VANECK VECTORS ETF TR	PUT	
92189F 44 5 *	VANECK VECTORS ETF TR	INTL HIGH YIELD	
92189F 90 5	VANECK VECTORS ETF TR	CALL	
92189F 95 5	VANECK VECTORS ETF TR	PUT	
92189F 45 2	VANECK VECTORS ETF TR	MTG REIT INCOME	
92189F 46 0	VANECK VECTORS ETF TR	CEF MUN INCOME E	
92189F 47 8	VANECK VECTORS ETF TR	EMERGING MKTS AG	
92189F 48 6	VANECK VECTORS ETF TR	INVT GRADE FLTG	
92189F 49 4 *	VANECK VECTORS ETF TR	JP MORGAN MKTS	DELETED
92189F 90 4	VANECK VECTORS ETF TR	CALL	DELETED
92189F 95 4	VANECK VECTORS ETF TR	PUT	DELETED
92189F 50 2 *	VANECK VECTORS ETF TR	GLOBAL ALTER ETF	
92189F 90 2	VANECK VECTORS ETF TR	CALL	
92189F 95 2	VANECK VECTORS ETF TR	PUT	
92189F 51 0	VANECK VECTORS ETF TR	PRE REFUNDED MUN	
92189F 52 8	VANECK VECTORS ETF TR	AMT FREE SHORT M	
92189F 53 6	VANECK VECTORS ETF TR	AMT FREE LONG MU	
92189F 54 4 *	VANECK VECTORS ETF TR	AMT FREE INT ETF	DELETED

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92189F 90 4	VANECK VECTORS ETF TR	CALL	DELETED
92189F 95 4	VANECK VECTORS ETF TR	PUT	DELETED
92189F 56 9	VANECK VECTORS ETF TR	HIGH INCOME INFR	
92189F 57 7	VANECK VECTORS ETF TR	GEN DRUGS ETF	
92189F 58 5	VANECK VECTORS ETF TR	OIL REFINERS ETF	
92189F 59 3	VANECK VECTORS ETF TR	MORNINGSTAR INTL	
92189F 60 1	VANECK VECTORS ETF TR	URANIUM NUCLEAR	
92189F 62 7 *	VANECK VECTORS ETF TR	CHINAAMC SME CHI	
92189F 90 7	VANECK VECTORS ETF TR	CALL	
92189F 95 7	VANECK VECTORS ETF TR	PUT	
92189F 63 5 *	VANECK VECTORS ETF TR	ISRAEL ETF	
92189F 90 5	VANECK VECTORS ETF TR	CALL	
92189F 95 5	VANECK VECTORS ETF TR	PUT	
92189F 64 3 *	VANECK VECTORS ETF TR	MORNINGSTAR WIDE	
92189F 90 3	VANECK VECTORS ETF TR	CALL	
92189F 95 3	VANECK VECTORS ETF TR	PUT	
92189F 66 8 *	VANECK VECTORS ETF TR	UNCVTL OIL GAS	
92189F 90 8	VANECK VECTORS ETF TR	CALL	
92189F 95 8	VANECK VECTORS ETF TR	PUT	
92189F 67 6 *	VANECK VECTORS ETF TR	SEMICONDUCTOR ET	
92189F 90 6	VANECK VECTORS ETF TR	CALL	
92189F 95 6	VANECK VECTORS ETF TR	PUT	
92189F 68 4 *	VANECK VECTORS ETF TR	RETAIL ETF	
92189F 90 4	VANECK VECTORS ETF TR	CALL	
92189F 95 4	VANECK VECTORS ETF TR	PUT	
92189F 69 2 *	VANECK VECTORS ETF TR	PHARMACEUTICAL	
92189F 90 2	VANECK VECTORS ETF TR	CALL	
92189F 95 2	VANECK VECTORS ETF TR	PUT	
92189F 70 0 *	VANECK VECTORS ETF TR	AGRIBUSINESS ETF	
92189F 90 0	VANECK VECTORS ETF TR	CALL	
92189F 95 0	VANECK VECTORS ETF TR	PUT	
92189F 71 8 *	VANECK VECTORS ETF TR	OIL SVCS ETF	
92189F 90 8	VANECK VECTORS ETF TR	CALL	
92189F 95 8	VANECK VECTORS ETF TR	PUT	

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92189F 72 6 *	VANECK VECTORS ETF TR	BIOTECH ETF	
92189F 90 6	VANECK VECTORS ETF TR	CALL	
92189F 95 6	VANECK VECTORS ETF TR	PUT	
92189F 73 4	VANECK VECTORS ETF TR	RUSSIA SMALL CAP	
92189F 74 2 *	VANECK VECTORS ETF TR	RARE EARTH STRAT	
92189F 90 2	VANECK VECTORS ETF TR	CALL	
92189F 95 2	VANECK VECTORS ETF TR	PUT	
92189F 75 9 *	VANECK VECTORS ETF TR	CHINAAMC CSI 300	
92189F 90 9	VANECK VECTORS ETF TR	CALL	
92189F 95 9	VANECK VECTORS ETF TR	PUT	
92189F 76 7 *	VANECK VECTORS ETF TR	INDIA SMALL CAP	
92189F 90 7	VANECK VECTORS ETF TR	CALL	
92189F 95 7	VANECK VECTORS ETF TR	PUT	
92189F 77 5	VANECK VECTORS ETF TR	EGYPT INDX ETF	
92189F 78 3	VANECK VECTORS ETF TR	POLAND ETF	
92189F 79 1 *	VANECK VECTORS ETF TR	JR GOLD MINERS E	
92189F 90 1	VANECK VECTORS ETF TR	CALL	
92189F 95 1	VANECK VECTORS ETF TR	PUT	
92189F 80 9 *	VANECK VECTORS ETF TR	COAL ETF	
92189F 90 9	VANECK VECTORS ETF TR	CALL	
92189F 95 9	VANECK VECTORS ETF TR	PUT	
92189F 81 7	VANECK VECTORS ETF TR	VIETNAM ETF	
92189F 82 5 *	VANECK VECTORS ETF TR	BRAZIL SMALL CP	
92189F 90 5	VANECK VECTORS ETF TR	CALL	
92189F 95 5	VANECK VECTORS ETF TR	PUT	
92189F 83 3	VANECK VECTORS ETF TR	INDONESIA INDEX	
92189F 84 1	VANECK VECTORS ETF TR	NAT RES ETF	
92189F 86 6	VANECK VECTORS ETF TR	AFRICA INDEX ETF	
92189F 88 2 *	VANECK VECTORS ETF TR	GAMING ETF	
92189F 90 2	VANECK VECTORS ETF TR	CALL	
92189F 95 2	VANECK VECTORS ETF TR	PUT	
92189H 10 2	VANECK VECTORS ETF TR	MRNGSTR DUR DV	ADDED
92189H 20 1 *	VANECK VECTORS ETF TR	AMT FREE INT ETF	ADDED
92189H 90 1	VANECK VECTORS ETF TR	CALL	ADDED

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92189H 95 1	VANECK VECTORS ETF TR	PUT	ADDED
92189H 30 0 *	VANECK VECTORS ETF TR	JP MORGAN MKTS	ADDED
92189H 90 0	VANECK VECTORS ETF TR	CALL	ADDED
92189H 95 0	VANECK VECTORS ETF TR	PUT	ADDED
92189H 40 9 *	VANECK VECTORS ETF TR	HIGH YLD MUN ETF	ADDED
92189H 90 9	VANECK VECTORS ETF TR	CALL	ADDED
92189H 95 9	VANECK VECTORS ETF TR	PUT	ADDED
921908 84 4 *	VANGUARD GROUP	DIV APP ETF	
921908 90 4	VANGUARD GROUP	CALL	
921908 95 4	VANGUARD GROUP	PUT	
921909 76 8 *	VANGUARD STAR FD	VG TL INTL STK F	
921909 90 8	VANGUARD STAR FD	CALL	
921909 95 8	VANGUARD STAR FD	PUT	
921910 70 9 *	VANGUARD WORLD FD	EXTENDED DUR	
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 70 3	VANGUARD ADMIRAL FDS INC	500 VAL IDX FD	
921932 77 8	VANGUARD ADMIRAL FDS INC	SMLCP 600 VAL	
921932 79 4	VANGUARD ADMIRAL FDS INC	SMLCP 600 GRTH	
921932 82 8	VANGUARD ADMIRAL FDS INC	SMLLCP 600 IDX	
921932 84 4	VANGUARD ADMIRAL FDS INC	MIDCP 400 VAL	
921932 86 9	VANGUARD ADMIRAL FDS INC	MIDCP 400 GRTH	

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921932 88 5	VANGUARD ADMIRAL FDS INC	MIDCP 400 IDX	
921935 30 0	VANGUARD WELLINGTON FD	US LIQUIDITY	
921935 40 9	VANGUARD WELLINGTON FD	US MINIMUM	
921935 50 8	VANGUARD WELLINGTON FD	US MOMENTUM	
921935 60 7	VANGUARD WELLINGTON FD	US MULTIFACTOR	
921935 70 6	VANGUARD WELLINGTON FD	US QUALITY	
921935 80 5	VANGUARD WELLINGTON FD	US VALUE FACTR	
921937 79 3 *	VANGUARD BD INDEX FD INC	LONG TERM BOND	
921937 90 3	VANGUARD BD INDEX FD INC	CALL	
921937 95 3	VANGUARD BD INDEX FD INC	PUT	
921937 81 9 *	VANGUARD BD INDEX FD INC	INTERMED TERM	
921937 90 9	VANGUARD BD INDEX FD INC	CALL	
921937 95 9	VANGUARD BD INDEX FD INC	PUT	
921937 82 7 *	VANGUARD BD INDEX FD INC	SHORT TRM BOND	
921937 90 7	VANGUARD BD INDEX FD INC	CALL	
921937 95 7	VANGUARD BD INDEX FD INC	PUT	
921937 83 5 *	VANGUARD BD INDEX FD INC	TOTAL BND MRKT	
921937 90 5	VANGUARD BD INDEX FD INC	CALL	
921937 95 5	VANGUARD BD INDEX FD INC	PUT	
921943 85 8 *	VANGUARD TAX MANAGED INTL FD	FTSE DEV MKT ETF	
921943 90 8	VANGUARD TAX MANAGED INTL FD	CALL	
921943 95 8	VANGUARD TAX MANAGED INTL FD	PUT	
921946 40 6 *	VANGUARD WHITEHALL FDS INC	HIGH DIV YLD	
921946 90 6	VANGUARD WHITEHALL FDS INC	CALL	
921946 95 6	VANGUARD WHITEHALL FDS INC	PUT	
921946 79 4	VANGUARD WHITEHALL FDS INC	INTL HIGH ETF	
921946 81 0	VANGUARD WHITEHALL FDS INC	INTL DVD ETF	
921946 88 5	VANGUARD WHITEHALL FDS INC	EMERG MKT BD ETF	
922020 80 5	VANGUARD MALVERN FDS	STRM INFPROIDX	
92203J 40 7 *	VANGUARD CHARLOTTE FDS	INTL BD IDX 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	

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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	
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	

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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	
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 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 59 9	VANGUARD SCOTTSDALE FDS	VNG RUS3000IDX	
92206C 62 3	VANGUARD SCOTTSDALE FDS	VNG RUS2000GRW	
92206C 64 9	VANGUARD SCOTTSDALE FDS	VNG RUS2000VAL	
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 70 6	VANGUARD SCOTTSDALE FDS	INTER TERM TREAS	
92206C 71 4	VANGUARD SCOTTSDALE FDS	VNG RUS1000VAL	
92206C 73 0	VANGUARD SCOTTSDALE FDS	VNG RUS1000IDX	
92206C 77 1	VANGUARD SCOTTSDALE FDS	MORTG-BACK SEC	
92206C 81 3 *	VANGUARD SCOTTSDALE FDS	LG-TERM COR BD	
92206C 90 3	VANGUARD SCOTTSDALE FDS	CALL	

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92206C 95 3	VANGUARD SCOTTSDALE FDS	PUT	
92206C 84 7	VANGUARD SCOTTSDALE FDS	LONG TERM TREAS	
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	ADDED
92211L 10 5	VANTAGE ENERGY ACQUISITION	COM CL A	
92211L 11 3	VANTAGE ENERGY ACQUISITION	*W EXP 04/12/202	
92211L 20 4	VANTAGE ENERGY ACQUISITION	UNIT 04/12/2024	
92214X 10 6 *	VAREX IMAGING CORP	COM	
92214X 90 6	VAREX IMAGING CORP	CALL	
92214X 95 6	VAREX IMAGING CORP	PUT	
92220P 10 5 *	VARIAN MED SYS INC	COM	
92220P 90 5	VARIAN MED SYS INC	CALL	
92220P 95 5	VARIAN MED SYS INC	PUT	
922280 10 2 *	VARONIS SYS INC	COM	
922280 90 2	VARONIS SYS INC	CALL	
922280 95 2	VARONIS SYS INC	PUT	
92240G 10 1 *	VECTREN CORP	COM	
92240G 90 1	VECTREN CORP	CALL	
92240G 95 1	VECTREN CORP	PUT	
92240M AY 4	VECTOR GROUP LTD	FRNT	1/1
92240M BC 1	VECTOR GROUP LTD	FRNT	4/1
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	
922417 10 0 *	VEECO INSTRS INC DEL	COM	
922417 90 0	VEECO INSTRS INC DEL	CALL	
922417 95 0	VEECO INSTRS INC DEL	PUT	
92242T 10 1 *	VECTRUS INC	COM	
92242T 90 1	VECTRUS INC	CALL	
92242T 95 1	VECTRUS INC	PUT	
92242Y 10 0 *	VEDANTA LTD	SPONSORED ADR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92242Y 90 0	VEDANTA LTD	CALL	
92242Y 95 0	VEDANTA LTD	PUT	
92243A 20 0 *	VAXART INC	COM NEW	
92243A 90 0	VAXART INC	CALL	
92243A 95 0	VAXART INC	PUT	
92243N 10 3	VECTOIQ ACQUISITION CORP	COM	
92243N 11 1	VECTOIQ ACQUISITION CORP	*W EXP 05/11/202	
92243N 20 2	VECTOIQ ACQUISITION CORP	UNIT 05/11/2023	
922475 10 8 *	VEEVA SYS INC	CL A COM	
922475 90 8	VEEVA SYS INC	CALL	
922475 95 8	VEEVA SYS 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 FD INC	TAX EXEMPT BD	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
922908 95 9	VANGUARD INDEX FDS	PUT	
92335C 10 6 *	VERA BRADLEY INC	COM	
92335C 90 6	VERA BRADLEY INC	CALL	
92335C 95 6	VERA BRADLEY INC	PUT	
92336X 10 9 *	VEONEER INCORPORATED	COM	
92336X 90 9	VEONEER INCORPORATED	CALL	
92336X 95 9	VEONEER INCORPORATED	PUT	
92337C AA 2	VERASTEM INC	NOTE 5.000%11/0	ADDED
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	
92339V 10 0 *	VEREIT INC	COM	

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92339V 90 0	VEREIT INC	CALL	
92339V 95 0	VEREIT INC	PUT	
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 AA 8	VERINT SYS INC	NOTE 1.500% 6/0	
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	
923451 10 8	VERITEX HLDGS INC	COM	
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	
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	
92407M 20 6 *	VERMILLION INC	COM NEW	
92407M 90 6	VERMILLION INC	CALL	
92407M 95 6	VERMILLION INC	PUT	
925050 10 6	VERONA PHARMA PLC	SPONSORED ADS	
92511U 10 2	VERRA MOBILITY CORP	COM	ADDED
92511W 10 8	VERRICA PHARMACEUTICALS INC	COM	

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92529L 10 2 *	VERSARTIS INC	COM	DELETED
92529L 90 2	VERSARTIS INC	CALL	DELETED
92529L 95 2	VERSARTIS INC	PUT	DELETED
92531L 20 7 *	VERSO CORP	CL A	
92531L 90 7	VERSO CORP	CALL	
92531L 95 7	VERSO CORP	PUT	
92532F 10 0 *	VERTEX PHARMACEUTICALS INC	COM	
92532F 90 0	VERTEX PHARMACEUTICALS INC	CALL	
92532F 95 0	VERTEX PHARMACEUTICALS INC	PUT	
92532W 10 3 *	VERSUM MATLS INC	COM	
92532W 90 3	VERSUM MATLS INC	CALL	
92532W 95 3	VERSUM MATLS INC	PUT	
92534K 10 7 *	VERTEX ENERGY INC	COM	
92534K 90 7	VERTEX ENERGY INC	CALL	
92534K 95 7	VERTEX ENERGY INC	PUT	
92536C 10 3 *	VERU INC	COM	
92536C 90 3	VERU INC	CALL	
92536C 95 3	VERU INC	PUT	
92552R 40 6 *	VIAD CORP	COM NEW	
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	
92553P 10 2 *	VIACOM INC NEW	CL A	
92553P 90 2	VIACOM INC NEW	CALL	
92553P 95 2	VIACOM INC NEW	PUT	
92553P 20 1 *	VIACOM INC NEW	CL B	
92553P 90 1	VIACOM INC NEW	CALL	
92553P 95 1	VIACOM INC NEW	PUT	
925550 AB 1	VIAVI SOLUTIONS INC	NOTE 1.000% 3/0	
925550 10 5 *	VIAVI SOLUTIONS INC	COM	
925550 90 5	VIAVI SOLUTIONS INC	CALL	
925550 95 5	VIAVI SOLUTIONS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
925602 20 3 *	VICAL INC	COM NEW	
925602 90 3	VICAL INC	CALL	
925602 95 3	VICAL INC	PUT	
925652 10 9 *	VICI PPTYS INC	COM	
925652 90 9	VICI PPTYS INC	CALL	
925652 95 9	VICI PPTYS INC	PUT	
925815 10 2 *	VICOR CORP	COM	
925815 90 2	VICOR CORP	CALL	
925815 95 2	VICOR CORP	PUT	
92645B 10 3	VICTORY CAP HLDGS INC	COM CL A	
92647N 66 7	VICTORY PORTFOLIOS II	VICSHS DV AC ETF	
92647N 69 1	VICTORY PORTFOLIOS II	VICTORYSHS US	
92647N 76 6	VICTORY PORTFOLIOS II	VCSHS US 500 VOL	
92647N 77 4	VICTORY PORTFOLIOS II	VCSHS US DISCVRY	
92647N 78 2	VICTORY PORTFOLIOS II	VCSHS US 500 ENH	
92647N 80 8	VICTORY PORTFOLIOS II	VICOTRYSHS EMG	
92647N 81 6	VICTORY PORTFOLIOS II	VCSHS DEV ENH VL	
92647N 82 4	VICTORY PORTFOLIOS II	VCSHS US EQ INCM	
92647N 83 2	VICTORY PORTFOLIOS II	VCSHS US SML CAP	
92647N 84 0	VICTORY PORTFOLIOS II	VCSHS INTL VOLTY	
92647N 85 7	VICTORY PORTFOLIOS II	VCSHS EMRG VOLTY	
92647N 86 5	VICTORY PORTFOLIOS II	VCSHS US LRG CAP	
92647N 87 3	VICTORY PORTFOLIOS II	VCSHS US SMCP HG	
92647N 88 1	VICTORY PORTFOLIOS II	VCSHS INTL HG DV	
92672L 10 7 *	VIEWRAY INC	COM	
92672L 90 7	VIEWRAY INC	CALL	
92672L 95 7	VIEWRAY INC	PUT	
92686J 10 6 *	VIKING THERAPEUTICS INC	COM	
92686J 90 6	VIKING THERAPEUTICS INC	CALL	
92686J 95 6	VIKING THERAPEUTICS INC	PUT	
92686J 11 4	VIKING THERAPEUTICS INC	*W EXP 04/13/202	
92705T 20 0	VILLAGE BK & TR FINANCIAL CO	COM NEW	
927107 40 9	VILLAGE SUPER MKT INC	CL A NEW	
92719W 20 7 *	VINCE HLDG CORP	COM NEW	

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92719W 90 7	VINCE HLDG CORP	CALL	
92719W 95 7	VINCE HLDG CORP	PUT	
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 AA 1	VIPSHOP HLDGS LTD	NOTE 1.500% 3/1	
92763W 10 3 *	VIPSHOP HLDGS LTD	SPONSORED ADR	
92763W 90 3	VIPSHOP HLDGS LTD	CALL	
92763W 95 3	VIPSHOP HLDGS LTD	PUT	
927651 10 9	VIRCO MFG CO	COM	
92790A 20 7	VIRTUS ETF TR II	VIRTUS DYNMC ETF	
92790A 30 6	VIRTUS ETF TR II	VIRTUS ENHCD SRT	DELETED
927926 30 3 *	VISTA GOLD CORP	COM NEW	
927926 90 3	VISTA GOLD CORP	CALL	
927926 95 3	VISTA GOLD CORP	PUT	
92823T 10 8 *	VIRNETX HLDG CORP	COM	
92823T 90 8	VIRNETX HLDG CORP	CALL	
92823T 95 8	VIRNETX HLDG CORP	PUT	
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	
92827P 10 2 *	VIRTUSA CORP	COM	
92827P 90 2	VIRTUSA CORP	CALL	
92827P 95 2	VIRTUSA CORP	PUT	
92828Q 10 9 *	VIRTUS INVT PARTNERS INC	COM	
92828Q 90 9	VIRTUS INVT PARTNERS INC	CALL	
92828Q 95 9	VIRTUS INVT PARTNERS INC	PUT	
92828Q 20 8	VIRTUS INVT PARTNERS INC	PFD CV SER D	
92829B 10 1	VIRTUS GLOBAL MULTI-SEC INC	COM	

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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 GLOBAL DIVID INCOME F	COM	
92837G 10 0	VIRTUS TOTAL RETURN FUND INC	COM	
928377 10 0 *	VISTA OUTDOOR INC	COM	
928377 90 0	VISTA OUTDOOR INC	CALL	
928377 95 0	VISTA OUTDOOR INC	PUT	
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	
92840M 10 2 *	VISTRA ENERGY CORP	COM	
92840M 90 2	VISTRA ENERGY CORP	CALL	
92840M 95 2	VISTRA ENERGY CORP	PUT	
92840M 12 8	VISTRA ENERGY CORP	*W EXP 02/02/202	
92840M 30 0	VISTRA ENERGY CORP	UNIT 02/02/2024	
92847R 10 4 *	VITAL THERAPIES INC	COM	
92847R 90 4	VITAL THERAPIES INC	CALL	
92847R 95 4	VITAL THERAPIES INC	PUT	
92849E AB 7	VITAMIN SHOPPE INC	NOTE 2.250%12/0	
92849E 10 1 *	VITAMIN SHOPPE INC	COM	
92849E 90 1	VITAMIN SHOPPE INC	CALL	
92849E 95 1	VITAMIN SHOPPE INC	PUT	
92852W 20 4 *	VIVEVE MED INC	COM NEW	
92852W 90 4	VIVEVE MED INC	CALL	
92852W 95 4	VIVEVE MED INC	PUT	
92853C 20 7	VIVALDI OPPORTUNITIES FD	COM	
92854Q 10 6 *	VIVINT SOLAR INC	COM	
92854Q 90 6	VIVINT SOLAR INC	CALL	
92854Q 95 6	VIVINT SOLAR INC	PUT	

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928551 AB 6	VIVUS INC	NOTE 4.500% 5/0	
928551 30 8 *	VIVUS INC	COM NEW	
928551 90 8	VIVUS INC	CALL	
928551 95 8	VIVUS INC	PUT	
928563 40 2 *	VMWARE INC	CL A COM	
928563 90 2	VMWARE INC	CALL	
928563 95 2	VMWARE INC	PUT	
92857F 10 7 *	VOCERA COMMUNICATIONS INC	COM	
92857F 90 7	VOCERA COMMUNICATIONS INC	CALL	
92857F 95 7	VOCERA COMMUNICATIONS 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	
928661 10 7	VOLITIONRX LTD	COM	
928703 10 7 *	VOLT INFORMATION SCIENCES IN	COM	
928703 90 7	VOLT INFORMATION SCIENCES IN	CALL	
928703 95 7	VOLT INFORMATION SCIENCES IN	PUT	
92886T 20 1 *	VONAGE HLDGS CORP	COM	
92886T 90 1	VONAGE HLDGS CORP	CALL	
92886T 95 1	VONAGE HLDGS CORP	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 FINL INC	COM	
929089 90 0	VOYA FINL INC	CALL	
929089 95 0	VOYA FINL INC	PUT	
92912J 10 2	VOYA ASIA PAC DIVID EQUITY I	COM	
92912L 10 7 *	VOXELJET AG	ADS	
92912L 90 7	VOXELJET AG	CALL	
92912L 95 7	VOXELJET AG	PUT	
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	

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92912Y 10 9	VOYA INTL HIGH DIVID EQTY IN	COM	
92913A 10 0	VOYA PRIME RATE TR	SH BEN INT	
92913C 10 6	VOYA RISK MANAGED NAT RES FD	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	
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	
92927K 10 2 *	WABCO HLDGS INC	COM	
92927K 90 2	WABCO HLDGS INC	CALL	
92927K 95 2	WABCO HLDGS INC	PUT	
92932M 10 1 *	WNS HOLDINGS LTD	SPON ADR	
92932M 90 1	WNS HOLDINGS LTD	CALL	
92932M 95 1	WNS HOLDINGS LTD	PUT	
92932Q 10 2	WSI INDS INC	COM	DELETED
929328 10 2 *	WSFS FINL CORP	COM	
929328 90 2	WSFS FINL CORP	CALL	
929328 95 2	WSFS FINL CORP	PUT	
929358 10 9	WVS FINL CORP	COM	
92936P 10 0 *	WMIH CORP	COM	DELETED
92936P 90 0	WMIH CORP	CALL	DELETED
92936P 95 0	WMIH CORP	PUT	DELETED
92936U 10 9 *	W P CAREY INC	COM	
92936U 90 9	W P CAREY INC	CALL	

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92936U 95 9	W P 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	
92940L 10 3	WCF BANCORP INC	COM	
929566 10 7 *	WABASH NATL CORP	COM	
929566 90 7	WABASH NATL CORP	CALL	
929566 95 7	WABASH NATL CORP	PUT	
929740 10 8 *	WABTEC CORP	COM	
929740 90 8	WABTEC CORP	CALL	
929740 95 8	WABTEC CORP	PUT	
930059 10 0 *	WADDELL & REED FINL INC	CL A	
930059 90 0	WADDELL & REED FINL INC	CALL	
930059 95 0	WADDELL & REED FINL INC	PUT	
930427 10 9 *	WAGWORKS INC	COM	
930427 90 9	WAGWORKS INC	CALL	
930427 95 9	WAGWORKS INC	PUT	
930752 10 0	WAITR HLDGS INC	COM	ADDED
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	
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	

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938824 90 9	WASHINGTON FED INC	CALL	
938824 95 9	WASHINGTON FED INC	PUT	
938824 11 7	WASHINGTON FED INC	*W EXP 11/14/201	DELETED
93964W 10 8 *	WASHINGTON PRIME GROUP NEW	COM	
93964W 90 8	WASHINGTON PRIME GROUP NEW	CALL	
93964W 95 8	WASHINGTON PRIME GROUP NEW	PUT	
939653 10 1 *	WASHINGTON REAL ESTATE INVT	SH BEN INT	
939653 90 1	WASHINGTON REAL ESTATE INVT	CALL	
939653 95 1	WASHINGTON REAL ESTATE INVT	PUT	
940610 10 8 *	WASHINGTON TR BANCORP	COM	
940610 90 8	WASHINGTON TR BANCORP	CALL	
940610 95 8	WASHINGTON TR BANCORP	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	
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 90 1	WATSCO INC	CALL	
942622 95 1	WATSCO INC	PUT	
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	
942749 95 2	WATTS WATER TECHNOLOGIES INC	PUT	
94419L AB 7	WAYFAIR INC	NOTE 0.375% 9/0	

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94419L 10 1 *	WAYFAIR INC	CL A	
94419L 90 1	WAYFAIR INC	CALL	
94419L 95 1	WAYFAIR INC	PUT	
946760 10 5	WAYSIDE TECHNOLOGY GROUP INC	COM	
947075 AH 0	WEATHERFORD INTL LTD	NOTE 5.875% 7/0	
94733A 10 4 *	WEB COM GROUP INC	COM	DELETED
94733A 90 4	WEB COM GROUP INC	CALL	DELETED
94733A 95 4	WEB COM GROUP INC	PUT	DELETED
947890 10 9 *	WEBSTER FINL CORP CONN	COM	
947890 90 9	WEBSTER FINL CORP CONN	CALL	
947890 95 9	WEBSTER FINL CORP CONN	PUT	
948596 10 1 *	WEIBO CORP	SPONSORED ADR	
948596 90 1	WEIBO CORP	CALL	
948596 95 1	WEIBO CORP	PUT	
94861A 10 8	WEIDAI LTD	SPONS ADS	ADDED
948626 10 6 *	WEIGHT WATCHERS INTL INC NEW	COM	
948626 90 6	WEIGHT WATCHERS INTL INC NEW	CALL	
948626 95 6	WEIGHT WATCHERS INTL INC NEW	PUT	
948741 10 3 *	WEINGARTEN RLTY INVS	SH BEN INT	
948741 90 3	WEINGARTEN RLTY INVS	CALL	
948741 95 3	WEINGARTEN RLTY INVS	PUT	
948849 10 4 *	WEIS MKTS INC	COM	
948849 90 4	WEIS MKTS INC	CALL	
948849 95 4	WEIS MKTS INC	PUT	
949090 10 4 *	WELBILT INC	COM	
949090 90 4	WELBILT INC	CALL	
949090 95 4	WELBILT INC	PUT	
94946T 10 6 *	WELLCARE HEALTH PLANS INC	COM	
94946T 90 6	WELLCARE HEALTH PLANS INC	CALL	
94946T 95 6	WELLCARE HEALTH PLANS INC	PUT	
949485 10 6	WELLESLEY BANCORP INC	COM	
94973V BG 1	ANTHEM INC	NOTE 2.750%10/1	
949746 10 1 *	WELLS FARGO CO NEW	COM	
949746 90 1	WELLS FARGO CO NEW	CALL	

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949746 95 1	WELLS FARGO CO NEW	PUT	
949746 11 9	WELLS FARGO CO NEW	*W EXP 10/28/201	DELETED
949746 80 4	WELLS FARGO CO NEW	PERP PFD CNV A	
94986R PJ 4	WELLS FARGO & CO	MTNF 1/2	
94986R QF 1	WELLS FARGO & CO	MTNF 6/0	
94986R QJ 3	WELLS FARGO & CO	MTNF 1/2	
94986R TK 7	WELLS FARGO & CO	MTNF 0.125% 3/1	
94986R VY 4	WELLS FARGO & CO	MTNF 0.125% 2/2	
94986R XR 7	WELLS FARGO & CO	MTNF 0.250% 6/2	
94987B 10 5	WELLS FARGO INCOME OPPORTUNI	WF INC OPPTY FD	
94987C 10 3	WELLS FARGO GLOBAL DIVIDEND	COM	
94987D 10 1	WELLS FARGO MULTI SECTOR INC	COM	
94987E 10 9	WELLS FARGO UTILITIES AND HI	WF UTILITIES INC	
95040Q 10 4 *	WELLTOWER INC	COM	
95040Q 90 4	WELLTOWER INC	CALL	
95040Q 95 4	WELLTOWER INC	PUT	
95058W 10 0 *	WENDYS CO	COM	
95058W 90 0	WENDYS CO	CALL	
95058W 95 0	WENDYS CO	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	
950814 10 3 *	WESCO AIRCRAFT HLDGS INC	COM	
950814 90 3	WESCO AIRCRAFT HLDGS INC	CALL	
950814 95 3	WESCO AIRCRAFT HLDGS 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	

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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	
957541 20 4	WESTELL TECHNOLOGIES INC	CL A NEW	
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 EMRG MKT DEBT	COM	
95766B 10 9	WESTERN ASSET GLB HI INCOME	COM	
95766J 10 2	WESTERN ASSET HIGH INCM FD I	COM	
95766K 10 9	WESTERN ASSET HIGH INCM OPP	COM	
95766M 10 5	WESTERN ASST MNGD MUN FD INC	COM	
95766N 10 3	WESTERN ASSET MUN HI INCM FD	COM	
95766P 10 8	WESTERN ASST MN PRT FD INC	COM	
95766Q 10 6	WESTERN ASST INFLTN 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	
957667 10 8	WESTERN ASSET VAR RT STRG FD	COM	
95768A 10 9	WESTERN ASSET MUN DEF OPP TR	COM	
95768B 10 7	WESTERN ASSET HGH YLD DFNDFD	COM	
95790A 10 1	WESTERN ASSET INVT GRADE DEF	COM	
95790B 10 9	WESTERN ASSET MTG DEF OPPTY	COM	
95790C 10 7	WESTERN ASSET GLOBAL CP DEFI	COM	
95790D AA 3	WESTERN ASSET MTG CAP CORP	NOTE 6.750%10/0	
95790D 10 5 *	WESTERN ASSET MTG CAP CORP	COM	
95790D 90 5	WESTERN ASSET MTG CAP CORP	CALL	
95790D 95 5	WESTERN ASSET MTG CAP CORP	PUT	
95790J 10 2	WESTERN ASSET CORPORATE LN F	COM	
95805V 10 8	WESTERN COPPER & GOLD CORP	COM	
958102 10 5 *	WESTERN DIGITAL CORP	COM	

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958102 90 5	WESTERN DIGITAL CORP	CALL	
958102 95 5	WESTERN DIGITAL CORP	PUT	
95825R 10 3 *	WESTERN GAS EQUITY PARTNERS	COMUNT LTD PT	
95825R 90 3	WESTERN GAS EQUITY PARTNERS	CALL	
95825R 95 3	WESTERN GAS EQUITY PARTNERS	PUT	
958254 10 4 *	WESTERN GAS PARTNERS LP	COM UNIT LP IN	
958254 90 4	WESTERN GAS PARTNERS LP	CALL	
958254 95 4	WESTERN GAS PARTNERS LP	PUT	
958435 10 9	WESTERN ASSET INTM MUNI FD I	COM	
958892 10 1 *	WESTERN NEW ENG BANCORP INC	COM	
958892 90 1	WESTERN NEW ENG BANCORP INC	CALL	
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 CHEM CORP	COM	
960413 90 2	WESTLAKE CHEM CORP	CALL	
960413 95 2	WESTLAKE CHEM CORP	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	
96108P 10 3 *	WESTMORELAND RESOURCE PARTNE	COM UNIT RP LP	DELETED
96108P 90 3	WESTMORELAND RESOURCE PARTNE	CALL	DELETED
96108P 95 3	WESTMORELAND RESOURCE PARTNE	PUT	DELETED
961214 30 1	WESTPAC BKG CORP	SPONSORED ADR	
96145D 10 5 *	WESTROCK CO	COM	
96145D 90 5	WESTROCK CO	CALL	
96145D 95 5	WESTROCK CO	PUT	
961684 10 7	WESTWATER RES INC	COM	
961765 10 4 *	WESTWOOD HLDGS GROUP INC	COM	
961765 90 4	WESTWOOD HLDGS GROUP INC	CALL	

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961765 95 4	WESTWOOD HLDGS GROUP INC	PUT	
96208T 10 4 *	WEX INC	COM	
96208T 90 4	WEX INC	CALL	
96208T 95 4	WEX INC	PUT	
962149 10 0	WEYCO GROUP INC	COM	
962166 10 4 *	WEYERHAEUSER CO	COM	
962166 90 4	WEYERHAEUSER CO	CALL	
962166 95 4	WEYERHAEUSER CO	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 11 9	WHEELER REAL ESTATE INVT TR	*W EXP 04/29/201	
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	
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	
966084 20 4 *	WHITESTONE REIT	COM	
966084 90 4	WHITESTONE REIT	CALL	
966084 95 4	WHITESTONE REIT	PUT	
966387 AL 6	WHITING PETE CORP NEW	NOTE 1.250% 4/0	
966387 40 9 *	WHITING PETE CORP NEW	COM NEW	
966387 90 9	WHITING PETE CORP NEW	CALL	
966387 95 9	WHITING PETE CORP NEW	PUT	
96758W 10 1 *	WIDEPENWEST INC	COM	
96758W 90 1	WIDEPENWEST INC	CALL	
96758W 95 1	WIDEPENWEST INC	PUT	
967590 10 0	WIDEPPOINT CORP	COM	
96812T 10 2 *	WILDHORSE RESOURCE DEV CORP	COM	
96812T 90 2	WILDHORSE RESOURCE DEV CORP	CALL	
96812T 95 2	WILDHORSE RESOURCE DEV CORP	PUT	
968223 20 6 *	WILEY JOHN & SONS INC	CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
969457 10 0 *	WILLIAMS COS INC DEL	COM	
969457 90 0	WILLIAMS COS INC DEL	CALL	
969457 95 0	WILLIAMS COS INC DEL	PUT	
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 FINANCE CORP	COM	
971375 12 6	WILLSCOT CORP	COM	
97382A 30 9 *	WINDSTREAM HLDGS INC	COM PAR	
97382A 90 9	WINDSTREAM HLDGS INC	CALL	
97382A 95 9	WINDSTREAM HLDGS INC	PUT	
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 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	
97650W 15 7	WINTRUST FINL CORP	*W EXP 12/19/201	DELETED
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	

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97717P 10 4 *	WISDOMTREE INVTS INC	COM	
97717P 90 4	WISDOMTREE INVTS INC	CALL	
97717P 95 4	WISDOMTREE INVTS 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 13 3 *	WISDOMTREE TR	EMERG CUR STR FD	
97717W 90 3	WISDOMTREE TR	CALL	
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 24 0 *	WISDOMTREE TR	BRAZILN RL FD	
97717W 90 0	WISDOMTREE TR	CALL	
97717W 95 0	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	GLB EX US RL EST	
97717W 36 4	WISDOMTREE TR	NEGATIVE DUR US	
97717W 38 0	WISDOMTREE TR	INTRST RATE HDGE	
97717W 39 8	WISDOMTREE TR	NEGT DUR HIG YLD	
97717W 40 6 *	WISDOMTREE TR	US DIVID EX FNCL	

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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 44 8	WISDOMTREE TR	GERMANY HEDEQ FD	
97717W 46 3	WISDOMTREE TR	JAPAN HDG FINL	
97717W 47 1 *	WISDOMTREE TR	BLMBG US BULL	
97717W 90 1	WISDOMTREE TR	CALL	
97717W 95 1	WISDOMTREE TR	PUT	
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 53 9	WISDOMTREE TR	E MKTS CNSMR GR	
97717W 54 7	WISDOMTREE TR	US QLT SHRHD YLD	
97717W 56 2	WISDOMTREE TR	US SMALLCP ERNGS	
97717W 57 0	WISDOMTREE TR	US MIDCP EARNING	
97717W 58 8	WISDOMTREE TR	US EARNINGS 500	
97717W 59 6	WISDOMTREE TR	US TOTAL EARNING	
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 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	INTL DIV EX FINL	
97717W 79 4	WISDOMTREE TR	INTL LRGCAP DV	
97717W 80 2	WISDOMTREE TR	ITL HIGH DIV FD	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717W 81 0	WISDOMTREE TR	AUSTRALIA DIV FD	
97717W 82 8 *	WISDOMTREE TR	ASIA PAC EXJP FD	
97717W 90 8	WISDOMTREE TR	CALL	
97717W 95 8	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 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 14 9	WISDOMTREE TR	FNDMTL US SHRT	
97717X 15 6	WISDOMTREE TR	FNDMTL SRT CRP	
97717X 17 2	WISDOMTREE TR	FNDMTL HGH YLD	
97717X 19 8	WISDOMTREE TR	FNDMTL US CORP	
97717X 21 4	WISDOMTREE TR	EMERG MKTS DIV	
97717X 22 2	WISDOMTREE TR	GBL MXC EQT FD	
97717X 25 5	WISDOMTREE TR	DYNAMIC CRN EQ	
97717X 26 3	WISDOMTREE TR	CURRENCY INT EQ	
97717X 27 1	WISDOMTREE TR	DYNAMIC INT EQ	
97717X 28 9	WISDOMTREE TR	DYNAMIC JPN EQ	
97717X 29 7	WISDOMTREE TR	DYNAMIC US EQT	
97717X 30 5	WISDOMTREE TR	MID EAST DIVD	
97717X 31 3	WISDOMTREE TR	DYNAMIC LNG EQ	
97717X 38 8	WISDOMTREE TR	EUR DOMST ECO FD	
97717X 42 0	WISDOMTREE TR	GLBL HGD SMLCP	
97717X 44 6	WISDOMTREE TR	GBL SMLCP DIVI	
97717X 51 1	WISDOMTREE TR	YIELD ENHANCD US	
97717X 55 2 *	WISDOMTREE TR	EUR HDG SMLCAP	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717X 90 2	WISDOMTREE TR	CALL	
97717X 95 2	WISDOMTREE TR	PUT	
97717X 56 0	WISDOMTREE TR	CBOE S&P 500	
97717X 57 8	WISDOMTREE TR	EM EX ST-OWNED	
97717X 58 6	WISDOMTREE TR	JAP HDG QTLY DIV	
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 62 8	WISDOMTREE TR	FLOATNG RAT TREA	
97717X 65 1	WISDOMTREE TR	US S CAP QTY DIV	
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 78 4	WISDOMTREE TR	WSDM EMKTBD FD	
97717X 84 2 *	WISDOMTREE TR	ASIA LC DBT FD	
97717X 90 2	WISDOMTREE TR	CALL	
97717X 95 2	WISDOMTREE TR	PUT	
97717X 86 7 *	WISDOMTREE TR	EM LCL DEBT FD	
97717X 90 7	WISDOMTREE TR	CALL	
97717X 95 7	WISDOMTREE TR	PUT	
97717Y 70 9	WISDOMTREE TR	DYNMC CUR HEDG	
97717Y 74 1	WISDOMTREE TR	YIELD ENHND FD	ADDED
97717Y 77 4	WISDOMTREE TR	INTK MLTIFACTR	
97717Y 78 2	WISDOMTREE TR	EMGRING MKTS	
97717Y 79 0	WISDOMTREE TR	90/60 BALNCED FD	
97717Y 80 8	WISDOMTREE TR	YIELD ENHANCED	
97717Y 81 6	WISDOMTREE TR	BALANCED INCOME	
97717Y 83 2	WISDOMTREE TR	ICBCCS S&P CHINA	
97717Y 84 0	WISDOMTREE TR	CB OE RUSSELL	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717Y 85 7	WISDOMTREE TR	US MULTIFACTOR	
97718W 10 8 *	WISDOMTREE CONTINUOUS COMMOD	SHS BEN INT	
97718W 90 8	WISDOMTREE CONTINUOUS COMMOD	CALL	
97718W 95 8	WISDOMTREE CONTINUOUS COMMOD	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	
980745 10 3 *	WOODWARD INC	COM	
980745 90 3	WOODWARD INC	CALL	
980745 95 3	WOODWARD INC	PUT	
98105T 10 4	WOORI BK	ADR	
98138H AD 3	WORKDAY INC	NOTE 1.500% 7/1	
98138H AF 8	WORKDAY INC	NOTE 0.250%10/0	ADDED
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	
98139A 10 5 *	WORKIVA INC	COM CL A	
98139A 90 5	WORKIVA INC	CALL	
98139A 95 5	WORKIVA INC	PUT	
981419 10 4 *	WORLD ACCEP CORP DEL	COM	
981419 90 4	WORLD ACCEP CORP DEL	CALL	
981419 95 4	WORLD ACCEP CORP DEL	PUT	
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 10 5	WORLD GOLD TR	SPDR LNG DLR GLD	
98149E 20 4	WORLD GOLD TR	SPDR GLD MINIS	
981558 10 9 *	WORLDPAY INC	CL A	
981558 90 9	WORLDPAY INC	CALL	
981558 95 9	WORLDPAY INC	PUT	
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	

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981811 10 2 *	WORTHINGTON INDS INC	COM	
981811 90 2	WORTHINGTON INDS INC	CALL	
981811 95 2	WORTHINGTON INDS INC	PUT	
98212B 10 3 *	WPX ENERGY INC	COM	
98212B 90 3	WPX ENERGY INC	CALL	
98212B 95 3	WPX ENERGY INC	PUT	
98212N 10 7	WRAP TECHNOLOGIES INC	COM	ADDED
98235T AE 7	WRIGHT MED GROUP INC	NOTE 2.000% 2/1	
98236J AB 4	WRIGHT MED GROUP N V	NOTE 2.250%11/1	
98310W 10 8 *	WYNDHAM DESTINATIONS INC	COM	
98310W 90 8	WYNDHAM DESTINATIONS INC	CALL	
98310W 95 8	WYNDHAM DESTINATIONS 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	
98372A 70 5	XG TECHNOLOGY INC	COM PAR	
98372W 10 3	X FINANCIAL	SPONSORED ADS	
983772 10 4 *	XO GROUP INC	COM	DELETED
983772 90 4	XO GROUP INC	CALL	DELETED
983772 95 4	XO GROUP INC	PUT	DELETED
983793 10 0 *	XPO LOGISTICS INC	COM	
983793 90 0	XPO LOGISTICS INC	CALL	
983793 95 0	XPO LOGISTICS INC	PUT	
98386D 30 7	XTL BIOPHARMACEUTICALS LTD	SPONSORED ADR NE	
98389B 10 0 *	XCEL ENERGY INC	COM	
98389B 90 0	XCEL ENERGY INC	CALL	
98389B 95 0	XCEL ENERGY INC	PUT	
983919 10 1 *	XILINX INC	COM	
983919 90 1	XILINX INC	CALL	
983919 95 1	XILINX INC	PUT	
98400H 10 2 *	XBIOTECH INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
98400H 90 2	XBIOTECH INC	CALL	
98400H 95 2	XBIOTECH INC	PUT	
98400J 10 8 *	XCERRA CORP	COM	DELETED
98400J 90 8	XCERRA CORP	CALL	DELETED
98400J 95 8	XCERRA CORP	PUT	DELETED
98400M 10 1	XCEL BRANDS INC	COM NEW	
98400T 10 6	XAI OCTAGON FLOATNG RATE ALT	COM	
98401F 10 5 *	XENCOR INC	COM	
98401F 90 5	XENCOR INC	CALL	
98401F 95 5	XENCOR INC	PUT	
984015 20 6	XENETIC BIOSCIENCES INC	COM NEW	
984017 10 3 *	XENIA HOTELS & RESORTS INC	COM	
984017 90 3	XENIA HOTELS & RESORTS INC	CALL	
984017 95 3	XENIA HOTELS & RESORTS INC	PUT	
984121 60 8 *	XEROX CORP	COM NEW	
984121 90 8	XEROX CORP	CALL	
984121 95 8	XEROX CORP	PUT	
98416J 11 8 *	XERIUM TECHNOLOGIES INC	COM NEW	DELETED
98416J 90 8	XERIUM TECHNOLOGIES INC	CALL	DELETED
98416J 95 8	XERIUM TECHNOLOGIES INC	PUT	DELETED
98417P 10 5 *	XINYUAN REAL ESTATE CO LTD	SPONS ADR	
98417P 90 5	XINYUAN REAL ESTATE CO LTD	CALL	
98417P 95 5	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	

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98420N 95 5	XENON PHARMACEUTICALS INC	PUT	
98420P 30 8	XTANT MED HLDGS INC	COM NEW	
98420U 10 9 *	XPRESSPA GROUP INC	COM	
98420U 90 9	XPRESSPA GROUP INC	CALL	
98420U 95 9	XPRESSPA GROUP INC	PUT	
98421B 10 0 *	XPERI CORP	COM	
98421B 90 0	XPERI CORP	CALL	
98421B 95 0	XPERI CORP	PUT	
98422L 10 7	XERIS PHARMACEUTICALS INC	COM	
984241 10 9	Y MABS THERAPEUTICS INC	COM	
984245 10 0 *	YPF SOCIEDAD ANONIMA	SPON ADR CL D	
984245 90 0	YPF SOCIEDAD ANONIMA	CALL	
984245 95 0	YPF SOCIEDAD ANONIMA	PUT	
984249 60 7 *	YRC WORLDWIDE INC	COM PAR \$.01	
984249 90 7	YRC WORLDWIDE INC	CALL	
984249 95 7	YRC WORLDWIDE INC	PUT	
98426T AB 2	YY INC	NOTE 2.250% 4/0	
98426T 10 6 *	YY INC	ADS REPCOM CLA	
98426T 90 6	YY INC	CALL	
98426T 95 6	YY INC	PUT	
984332 AF 3	YAHOO INC	NOTE 12/0	DELETED
98462Y 10 0 *	YAMANA GOLD INC	COM	
98462Y 90 0	YAMANA GOLD INC	CALL	
98462Y 95 0	YAMANA GOLD INC	PUT	
98474T AB 3	YANDEX NV	NOTE 1.125%12/1	DELETED
98475Y 10 5	YANGTZE RIV PORT AND LGSTC L	COM	
985817 10 5 *	YELP INC	CL A	
985817 90 5	YELP INC	CALL	
985817 95 5	YELP INC	PUT	
98585K 20 1 *	YIELD10 BIOSCIENCE INC	COM NEW	
98585K 90 1	YIELD10 BIOSCIENCE INC	CALL	
98585K 95 1	YIELD10 BIOSCIENCE INC	PUT	
98585L 10 0 *	YIRENDAI LTD	SPONSORED ADR	
98585L 90 0	YIRENDAI LTD	CALL	

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98585L 95 0	YIRENDAI LTD	PUT	
98585M 10 8	YINTECH INVT HLDGS LTD	SPONSORED ADR	
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	ADDED
98585X 90 4	YETI HLDGS INC	CALL	ADDED
98585X 95 4	YETI HLDGS INC	PUT	ADDED
986005 10 6	YOGAWORKS INC	COM	
987184 10 8 *	YORK WTR CO	COM	
987184 90 8	YORK WTR CO	CALL	
987184 95 8	YORK WTR CO	PUT	
987537 20 6 *	YOUNGEVITY INTL INC	COM NEW	
987537 90 6	YOUNGEVITY INTL INC	CALL	
987537 95 6	YOUNGEVITY INTL INC	PUT	
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	
98872F 10 5	YUMA ENERGY INC NEW	COM	
98884U 10 8 *	ZAGG INC	COM	
98884U 90 8	ZAGG INC	CALL	
98884U 95 8	ZAGG INC	PUT	
98885E 10 3 *	ZAFGEN INC	COM	
98885E 90 3	ZAFGEN INC	CALL	
98885E 95 3	ZAFGEN INC	PUT	
98887Q 10 4 *	ZAI LAB LTD	ADR	
98887Q 90 4	ZAI LAB LTD	CALL	
98887Q 95 4	ZAI LAB LTD	PUT	
98919V 10 5 *	ZAYO GROUP HLDGS INC	COM	
98919V 90 5	ZAYO GROUP HLDGS INC	CALL	
98919V 95 5	ZAYO GROUP HLDGS INC	PUT	

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98920Y 30 4	ZEALAND PHARMA A S	SPONSORED ADR	
989207 10 5 *	ZEBRA TECHNOLOGIES CORP	CL A	
989207 90 5	ZEBRA TECHNOLOGIES CORP	CALL	
989207 95 5	ZEBRA TECHNOLOGIES CORP	PUT	
98923T 10 4	ZEDGE INC	CL B	
98936J 10 1 *	ZENDESK INC	COM	
98936J 90 1	ZENDESK INC	CALL	
98936J 95 1	ZENDESK INC	PUT	
98954M AB 7	ZILLOW GROUP INC	NOTE 2.000%12/0	
98954M AC 5	ZILLOW GROUP INC	NOTE 1.500% 7/0	
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	
98956P 10 2 *	ZIMMER BIOMET HLDGS INC	COM	
98956P 90 2	ZIMMER BIOMET HLDGS INC	CALL	
98956P 95 2	ZIMMER BIOMET HLDGS INC	PUT	
989696 10 9 *	ZION OIL & GAS INC	COM	
989696 90 9	ZION OIL & GAS INC	CALL	
989696 95 9	ZION OIL & GAS INC	PUT	
989696 14 1	ZION OIL & GAS INC	*W EXP 01/31/202	
989701 10 7 *	ZIONS BANCORPORATION N A	COM	
989701 90 7	ZIONS BANCORPORATION N A	CALL	
989701 95 7	ZIONS BANCORPORATION N A	PUT	
989701 11 5	ZIONS BANCORPORATION N A	*W EXP 05/21/202	
989701 13 1	ZIONS BANCORPORATION	*W EXP 11/14/201	DELETED
98973P 10 1 *	ZIOPHARM ONCOLOGY INC	COM	
98973P 90 1	ZIOPHARM ONCOLOGY INC	CALL	
98973P 95 1	ZIOPHARM ONCOLOGY INC	PUT	
98974P 10 0 *	ZIX CORP	COM	
98974P 90 0	ZIX CORP	CALL	
98974P 95 0	ZIX CORP	PUT	

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98978L 20 4 *	ZOGENIX INC	COM NEW	
98978L 90 4	ZOGENIX INC	CALL	
98978L 95 4	ZOGENIX INC	PUT	
98978V 10 3 *	ZOETIS INC	CL A	
98978V 90 3	ZOETIS INC	CALL	
98978V 95 3	ZOETIS INC	PUT	
98979F 10 7	ZOMEDICA PHARMACEUTICALS COR	COM	
98979H 20 2	ZOSANO PHARMA CORP	COM NEW	
98979J 10 9 *	ZOES KITCHEN INC	COM	DELETED
98979J 90 9	ZOES KITCHEN INC	CALL	DELETED
98979J 95 9	ZOES KITCHEN INC	PUT	DELETED
98980A 10 5 *	ZTO EXPRESS CAYMAN INC	SPONSORED ADR	
98980A 90 5	ZTO EXPRESS CAYMAN INC	CALL	
98980A 95 5	ZTO EXPRESS CAYMAN INC	PUT	
98980G 10 2 *	ZSCALER INC	COM	
98980G 90 2	ZSCALER INC	CALL	
98980G 95 2	ZSCALER INC	PUT	
989817 10 1 *	ZUMIEZ INC	COM	
989817 90 1	ZUMIEZ INC	CALL	
989817 95 1	ZUMIEZ INC	PUT	
98983V 10 6 *	ZUORA INC	COM CL A	
98983V 90 6	ZUORA INC	CALL	
98983V 95 6	ZUORA INC	PUT	
98985W 10 2 *	ZYMEWORKS INC	COM	
98985W 90 2	ZYMEWORKS INC	CALL	
98985W 95 2	ZYMEWORKS INC	PUT	
98986T 10 8 *	ZYNGA INC	CL A	
98986T 90 8	ZYNGA INC	CALL	
98986T 95 8	ZYNGA INC	PUT	
98986X 10 9 *	ZYNERBA PHARMACEUTICALS INC	COM	
98986X 90 9	ZYNERBA PHARMACEUTICALS INC	CALL	
98986X 95 9	ZYNERBA PHARMACEUTICALS INC	PUT	

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