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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	
C0534L AA 3	AURORA CANNABIS INC	DEBT 5.500% 2/2	
C10268 AC 1	BLACKBERRY LTD	DEBT 3.750%11/1	
C8509Q AA 6	SSR MNG INC	DEBT 2.500% 4/0	
D18190 89 8 *	DEUTSCHE BANK AG	NAMEN AKT	
D18190 90 8	DEUTSCHE BANK AG	CALL	
D18190 95 8	DEUTSCHE BANK AG	PUT	
G0080J 10 4	ACT II GLOBAL ACQUISITION CO	CL A SHS	ADDED
G0080J 11 2	ACT II GLOBAL ACQUISITION CO	UNIT 04/30/2026	ADDED
G0080J 12 0	ACT II GLOBAL ACQUISITION CO	*W EXP 04/30/202	ADDED
G0084W 10 1 *	ADIANT PLC	ORD SHS	
G0084W 90 1	ADIANT PLC	CALL	
G0084W 95 1	ADIANT PLC	PUT	
G0120M 13 3	AGBA ACQUISITION LTD	UNIT 05/10/2024	ADDED
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	
G0250X 10 7 *	AMCOR PLC	ORD	ADDED
G0250X 90 7	AMCOR PLC	CALL	ADDED
G0250X 95 7	AMCOR PLC	PUT	ADDED
G02602 10 3 *	AMDOCS LTD	SHS	
G02602 90 3	AMDOCS LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
G0408V 90 2	AON PLC	CALL	
G0408V 95 2	AON PLC	PUT	
G04415 10 8	ANDINA ACQUISITION CORP III	SHS	
G04415 11 6	ANDINA ACQUISITION CORP III	UNIT 09/24/2020	
G04415 12 4	ANDINA ACQUISITION CORP III	*W EXP 07/31/202	
G04415 13 2	ANDINA ACQUISITION CORP III	RIGHT 07/31/2020	
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	
G0551A 10 3 *	ARRIS INTERNATIONAL PLC	SHS	DELETED
G0551A 90 3	ARRIS INTERNATIONAL PLC	CALL	DELETED
G0551A 95 3	ARRIS INTERNATIONAL PLC	PUT	DELETED
G0585R 10 6 *	ASSURED GUARANTY LTD	COM	
G0585R 90 6	ASSURED GUARANTY LTD	CALL	
G0585R 95 6	ASSURED GUARANTY LTD	PUT	
G0602B 10 0	ATIF HOLDINGS LIMITED	SHS	ADDED
G06207 11 5 *	ATLAS FINANCIAL HOLDINGS INC	SHS NEW	

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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	
G0692U 95 9	AXIS CAPITAL HOLDINGS LTD	PUT	
G07025 10 2	AURIS MEDICAL HOLDING LTD	COM	DELETED
G07025 20 1	AURIS MEDICAL HOLDING LTD	SHS	ADDED
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	DELETED
G0750W 90 4	AXOVANT SCIENCES LTD	CALL	DELETED
G0750W 95 4	AXOVANT SCIENCES LTD	PUT	DELETED
G0750W 20 3 *	AXOVANT GENE THERAPIES LTD	COM	ADDED
G0750W 90 3	AXOVANT GENE THERAPIES LTD	CALL	ADDED
G0750W 95 3	AXOVANT GENE THERAPIES LTD	PUT	ADDED
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	
G0891M AA 4	BAOZUN INC	DEBT 1.625% 5/0	ADDED
G10830 10 0	BEYONDSRING INC	SHS	
G1117K 10 6	BIOCERES CROP SOLUTIONS CORP	*W EXP 03/14/202	
G1117K 11 4	BIOCERES CROP SOLUTIONS CORP	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	DELETED

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G1142P 11 2	BISON CAP ACQUISITION CORP	*W EXP 06/20/202	DELETED
G1142P 12 0	BISON CAP ACQUISITION CORP	UNIT 99/99/9999T	DELETED
G1142P 13 8	BISON CAP ACQUISITION CORP	RIGHT 03/20/2019	DELETED
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	DELETED
G1154H 90 7	BELMOND LTD	CALL	DELETED
G1154H 95 7	BELMOND LTD	PUT	DELETED
G1190F 10 7	BLUE CAP REINS HLDGS LTD	COM	
G1288E 10 3	BIQI INTL HLDGS CORP	SHS	ADDED
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	
G16234 90 9	BROOKFIELD BUSINESS PARTNERS	CALL	
G16234 95 9	BROOKFIELD BUSINESS PARTNERS	PUT	
G16249 10 7 *	BROOKFIELD PROPERTY PARTRS L	UNIT LTD PARTN	
G16249 90 7	BROOKFIELD PROPERTY PARTRS L	CALL	
G16249 95 7	BROOKFIELD PROPERTY PARTRS L	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	
G17766 10 9	CAMBIUM NETWORKS CORP	SHS	ADDED
G1890L 10 7 *	CAPRI HOLDINGS LIMITED	SHS	

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G1890L 90 7	CAPRI HOLDINGS LIMITED	CALL	
G1890L 95 7	CAPRI HOLDINGS LIMITED	PUT	
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	
G2120A 10 1	CHINA INTERNET NATIONWIDE FI	SHS	
G21225 10 0	CHINA ADVANCED CONSTR MATLS	SHS	
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	
G2161P 10 8	CHINA SXT PHARMACEUTICALS IN	ORD SHS	
G21612 10 9	CHINA LENDING CORP	SHS	
G21810 10 9	CLARIVATE ANALYTICS PLC	COM	ADDED
G21810 11 7	CLARIVATE ANALYTICS PLC	*W EXP 11/09/201	ADDED
G22707 10 6	COLLIER CREEK HOLDINGS	COM CL A	
G22707 11 4	COLLIER CREEK HOLDINGS	*W EXP 99/99/999	
G22707 12 2	COLLIER CREEK HOLDINGS	UNIT 99/99/9999	
G2345N 10 2	CM SEVEN STAR ACQUISITION CO	SHS	DELETED
G2345N 11 0	CM SEVEN STAR ACQUISITION CO	*W EXP 08/21/202	DELETED

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G2345N 12 8	CM SEVEN STAR ACQUISITION CO	UNIT 08/21/2022	DELETED
G2345N 13 6	CM SEVEN STAR ACQUISITION CO	RIGHT 08/21/2022	DELETED
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	
G2692M 11 1	DD3 ACQUISITION CORP	*W EXP 10/20/202	
G2692M 12 9	DD3 ACQUISITION CORP	UNIT 10/12/2023	
G2709G 10 7 *	DELPHI TECHNOLOGIES PLC	SHS	
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	

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G29183 95 3	EATON CORP PLC	PUT	
G2956M 10 4	8I ENTERPRISES ACQUISITIN CO	SHS	ADDED
G2956M 11 2	8I ENTERPRISES ACQUISITIN CO	*W EXP 10/29/202	ADDED
G2956M 12 0	8I ENTERPRISES ACQUISITIN CO	RIGHT 10/29/2020	ADDED
G2956M 13 8	8I ENTERPRISES ACQUISITIN CO	UNIT 99/99/9999	
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	DELETED
G3157S 90 6	ENSCO PLC	CALL	DELETED
G3157S 95 6	ENSCO PLC	PUT	DELETED
G31642 10 4	CLPS INCORPORATION	COM	
G3165V 10 9	ARYA SCIENCES ACQUISITION CO	SHS CL A	
G3165V 11 7	ARYA SCIENCES ACQUISITION CO	UNIT 10/04/2023	
G3165V 12 5	ARYA SCIENCES ACQUISITION CO	*W EXP 10/10/202	
G3166L 10 0 *	ENSCO ROWAN PLC	SHS CLASS A	ADDED
G3166L 90 0	ENSCO ROWAN PLC	CALL	ADDED
G3166L 95 0	ENSCO ROWAN PLC	PUT	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	
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	

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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	
G35006 11 6	ALBERTON ACQUISITION CORP	UNIT 04/22/2020	
G35006 12 4	ALBERTON ACQUISITION CORP	*W EXP 04/26/202	
G35006 13 2	ALBERTON ACQUISITION CORP	RIGHT 10/04/2020	
G35947 20 2	FLEX LNG LTD	SHS	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	
G38327 95 5	GEOPARK LTD	PUT	
G3902L AA 7	GDS HLDGS LTD	DEBT 2.000% 6/0	DELETED
G39108 10 8 *	GATES INDUSTRIAL CORPRATIN P	ORD SHS	
G39108 90 8	GATES INDUSTRIAL CORPRATIN P	CALL	

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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	
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	
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	
G4511M 10 8 *	HERMITAGE OFFSHORE SERVICE L	SHS	ADDED
G4511M 90 8	HERMITAGE OFFSHORE SERVICE L	CALL	ADDED

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G4511M 95 8	HERMITAGE OFFSHORE SERVICE L	PUT	ADDED
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	DELETED
G4617B 90 5	HORIZON PHARMA PLC	CALL	DELETED
G4617B 95 5	HORIZON PHARMA PLC	PUT	DELETED
G46188 10 1 *	HORIZON THERAPEUTICS PUB LTD	SHS	ADDED
G46188 90 1	HORIZON THERAPEUTICS PUB LTD	CALL	ADDED
G46188 95 1	HORIZON THERAPEUTICS PUB LTD	PUT	ADDED
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	DELETED
G48833 90 0	WEATHERFORD INTL PLC	CALL	DELETED

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G48833 95 0	WEATHERFORD INTL PLC	PUT	DELETED
G4887W 10 2	WEALTHBRIDGE ACQUISITION LTD	UNIT 99/99/9999	
G4887W 11 0	WEALTHBRIDGE ACQUISITION LTD	SHS	
G4887W 12 8	WEALTHBRIDGE ACQUISITION LTD	*W EXP 01/31/202	
G4887W 13 6	WEALTHBRIDGE ACQUISITION LTD	RIGHT 11/02/2023	
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	
G4939K AB 2	IQIYI INC	DEBT 2.000% 4/0	
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	
G51502 10 5 *	JOHNSON CTLS INTL PLC	SHS	
G51502 90 5	JOHNSON CTLS INTL PLC	CALL	
G51502 95 5	JOHNSON CTLS INTL PLC	PUT	
G5223X 10 0	KAIXIN AUTO HLDGS	SHS	ADDED
G5269C 10 1	KINIKSA PHARMACEUTICALS LTD	COM CL A	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G5480U 95 0	LIBERTY GLOBAL PLC	PUT	
G5494J 10 3 *	LINDE PLC	SHS	
G5494J 90 3	LINDE PLC	CALL	
G5494J 95 3	LINDE PLC	PUT	
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	
G56372 12 4	LONGEVITY ACQUISITION CORP	RIGHT 07/31/2020	
G56372 13 2	LONGEVITY ACQUISITION CORP	ORD SHS	
G5698W 11 6	LUXFER HOLDINGS PLC	SHS	
G56981 10 6	LUOKUNG TECHNOLOGY CORP	SHS	
G57279 10 4 *	LUXOFT HLDG INC	ORD SHS CL A	DELETED
G57279 90 4	LUXOFT HLDG INC	CALL	DELETED
G57279 95 4	LUXOFT HLDG INC	PUT	DELETED
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	
G59290 10 9	MDJM LTD	SHS	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G60630 10 3 *	MFC BANCORP LTD	USD MFC SHS	DELETED
G60630 90 3	MFC BANCORP LTD	CALL	DELETED
G60630 95 3	MFC BANCORP LTD	PUT	DELETED
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	
G6181K 10 6	MMTEC INC	SHS	
G6200P AA 0	MOMO INC	DEBT 1.250% 7/0	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	DELETED
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	
G6518L 90 8	NIELSEN HLDGS PLC	CALL	
G6518L 95 8	NIELSEN HLDGS PLC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G6525F AA 0	NIO INC	DEBT 4.500% 2/0	
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 20 7 *	NORDIC AMERN OFFSHORE LTD	SHS	DELETED
G65772 90 7	NORDIC AMERN OFFSHORE LTD	CALL	DELETED
G65772 95 7	NORDIC AMERN OFFSHORE LTD	PUT	DELETED
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	
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	DELETED
G6772P 11 8	ONE MADISON CORP	UNIT 99/99/9999	DELETED
G6772P 12 6	ONE MADISON CORP	*W EXP 99/99/999	DELETED
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	
G6856M 11 4	OXBRIDGE RE HLDGS LTD	*W EXP 03/26/202	
G68707 10 1 *	PAGSEGURO DIGITAL LTD	COM CL A	
G68707 90 1	PAGSEGURO DIGITAL LTD	CALL	
G68707 95 1	PAGSEGURO DIGITAL LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
G7T96K 10 7 *	SCULLY ROYALTY LTD	COM SHS	ADDED
G7T96K 90 7	SCULLY ROYALTY LTD	CALL	ADDED
G7T96K 95 7	SCULLY ROYALTY LTD	PUT	ADDED
G7114V 10 2	PINGTAN MARINE ENTERPRISE LT	SHS	
G72007 10 0	POWERBRIDGE TECHNOLOGIES CO L	ORD SHS	ADDED
G7234P 10 0	PRESBIA PLC	SHS	DELETED
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	
G7314V AA 8	QUDIAN INC	DEBT 1.000% 7/0	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 12 2	REEBONZ HLDG LTD	SHS	
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	DELETED
G75130 10 7	REPLAY ACQUISITION CORP	COM	ADDED
G75130 11 5	REPLAY ACQUISITION CORP	*W EXP 03/01/202	ADDED
G75130 12 3	REPLAY ACQUISITION CORP	UNIT 03/01/2024	ADDED
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	DELETED
G7665A 90 1	ROWAN COMPANIES PLC	CALL	DELETED
G7665A 95 1	ROWAN COMPANIES PLC	PUT	DELETED
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	DELETED
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	
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	
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	
G8406F 10 2	SSLJ COM LIMITED	SHS CL A	DELETED
G8406F 11 0	SSLJ COM LIMITED	SHS CL A	ADDED
G8473T 10 0 *	STERIS PLC	SHS USD	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G8473T 90 0	STERIS PLC	CALL	
G8473T 95 0	STERIS PLC	PUT	
G85158 10 6 *	STONECO LTD	COM CL A	
G85158 90 6	STONECO LTD	CALL	
G85158 95 6	STONECO LTD	PUT	
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	
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	
G8708A 11 6	TENZING ACQUISITION CORP	ORD SHS	
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	
G8857R 11 8	THUNDER BRIDGE ACQUISITION L	UNIT 01/01/2025	
G8857R 12 6	THUNDER BRIDGE ACQUISITION L	*W EXP 01/01/202	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
G9019D 90 4	TRAVELPORT WORLDWIDE LTD	CALL	DELETED
G9019D 95 4	TRAVELPORT WORLDWIDE LTD	PUT	DELETED
G9078F 10 7 *	TRITON INTL LTD	CL A	
G9078F 90 7	TRITON INTL LTD	CALL	
G9078F 95 7	TRITON INTL LTD	PUT	
G9087Q 10 2 *	TRONOX HOLDINGS PLC	SHS	
G9087Q 90 2	TRONOX HOLDINGS PLC	CALL	
G9087Q 95 2	TRONOX HOLDINGS PLC	PUT	
G9108L 10 8 *	TSAKOS ENERGY NAVIGATION LTD	SHS	
G9108L 90 8	TSAKOS ENERGY NAVIGATION LTD	CALL	
G9108L 95 8	TSAKOS ENERGY NAVIGATION LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
G9145A 10 7	TWELVE SEAS INVESTMENT COMPA	SHS	
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	
G9376R 10 0	VIVOPOWER INTERNATIONAL PLC	SHS	
G9381B 10 8	UROVANT SCIENCES LTD	SHS	
G9396G 10 0	URBAN TEA INC	ORD SHS	
G94184 10 1	WAH FU EDUCATION GROUP LIMIT	SHS	ADDED
G9456A 10 0 *	GOLAR LNG LTD BERMUDA	SHS	
G9456A 90 0	GOLAR LNG LTD BERMUDA	CALL	
G9456A 95 0	GOLAR LNG LTD BERMUDA	PUT	
G94787 10 1	WATFORD HOLDINGS LTD	SHS	
G9515T AA 6	WEIBO CORP	DEBT 1.250%11/1	DELETED
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	
G9887Y AB 3	YY INC	DEBT 0.750% 6/1	ADDED
G9887Y AC 1	YY INC	DEBT 1.375% 6/1	ADDED
G9892K 10 0	ZK INTL GROUP CO LTD	SHS	
H00263 10 5	AC IMMUNE SA	SHS	
H01301 12 8 *	ALCON INC	ORD SHS	ADDED
H01301 90 8	ALCON INC	CALL	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
H01301 95 8	ALCON INC	PUT	ADDED
H1467J 10 4 *	CHUBB LIMITED	COM	
H1467J 90 4	CHUBB LIMITED	CALL	
H1467J 95 4	CHUBB LIMITED	PUT	
H17182 10 8 *	CRISPR THERAPEUTICS AG	NAMEN AKT	
H17182 90 8	CRISPR THERAPEUTICS AG	CALL	
H17182 95 8	CRISPR THERAPEUTICS AG	PUT	
H2906T 10 9 *	GARMIN LTD	SHS	
H2906T 90 9	GARMIN LTD	CALL	
H2906T 95 9	GARMIN LTD	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
L44385 10 9 *	GLOBANT S A	COM	
L44385 90 9	GLOBANT S A	CALL	
L44385 95 9	GLOBANT S A	PUT	
L4441G AA 8	GOL EQUITY FIN	DEBT 3.750% 7/1	
L5140P 10 1 *	INTELSAT S A	COM	
L5140P 90 1	INTELSAT S A	CALL	
L5140P 95 1	INTELSAT S A	PUT	
L6388F 11 0	MILLICOM INTL CELLULAR SA	COM STK	
L67359 10 6	NEXA RES S A	COM	
L7257P 20 5	PACIFIC DRILLING SA LUXEMBOU	COM	
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 LTD	SHS	
M0854Q 90 5	ALLOT LTD	CALL	
M0854Q 95 5	ALLOT LTD	PUT	
M1492T 10 5 *	ARCTURUS THERAPEUTICS LTD	SHS	DELETED
M1492T 90 5	ARCTURUS THERAPEUTICS LTD	CALL	DELETED
M1492T 95 5	ARCTURUS THERAPEUTICS LTD	PUT	DELETED
M15332 12 1 *	ATTUNITY LTD	SHS NEW	DELETED
M15332 90 1	ATTUNITY LTD	CALL	DELETED
M15332 95 1	ATTUNITY LTD	PUT	DELETED
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	
M20598 10 4 *	CAESARSTONE LTD	ORD SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M20598 90 4	CAESARSTONE LTD	CALL	
M20598 95 4	CAESARSTONE LTD	PUT	
M20791 10 5 *	CAMTEK LTD	ORD	
M20791 90 5	CAMTEK LTD	CALL	
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	
M39927 12 0	ELLOMAY CAPITAL LIMITED	SHS	
M4R82T 10 6	FIVERR INTL LTD	ORD SHS	ADDED
M40184 20 8	ELTEK LTD	SHS	
M40527 10 9	ENTERA BIO LTD	SHS	
M40527 11 7	ENTERA BIO LTD	*W EXP 06/27/202	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M4119S 10 4	EVOGENE LTD	SHS	
M4130Y 10 6	ENLIVEX THERAPEUTICS LTD	COM	
M46135 10 5 *	FOAMIX PHARMACEUTICALS LTD	SHS	
M46135 90 5	FOAMIX PHARMACEUTICALS LTD	CALL	
M46135 95 5	FOAMIX PHARMACEUTICALS LTD	PUT	
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	
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	
M68830 10 4 *	MEDIWOUND LTD	ORD SHS	
M68830 90 4	MEDIWOUND LTD	CALL	
M68830 95 4	MEDIWOUND LTD	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
M69676 20 9	MER TELEMANAGEMENT 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 NISO.13	
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	DELETED
M8216Q 20 0	REWALK ROBOTICS LTD	SHS	ADDED
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	
M87896 10 2	TOP IMAGE SYSTEMS LTD	ORD	DELETED
M8791A 10 9 *	ON TRACK INNOVATION LTD	SHS	
M8791A 90 9	ON TRACK INNOVATION LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
M8893U 10 2 *	TUFIN SOFTWARE TECHNOLOGIS L	SHS	ADDED
M8893U 90 2	TUFIN SOFTWARE TECHNOLOGIS L	CALL	ADDED
M8893U 95 2	TUFIN SOFTWARE TECHNOLOGIS L	PUT	ADDED
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	
N14506 90 4	ELASTIC N V	CALL	
N14506 95 4	ELASTIC N V	PUT	
N20146 10 1 *	CIMPRESS N V	SHS EURO	
N20146 90 1	CIMPRESS N V	CALL	
N20146 95 1	CIMPRESS N V	PUT	
N20944 10 9 *	CNH INDL N V	SHS	
N20944 90 9	CNH INDL N V	CALL	
N20944 95 9	CNH INDL N V	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
N71542 90 9	PROQR THRAPEUTICS N V	CALL	
N71542 95 9	PROQR THRAPEUTICS N V	PUT	
N72482 AB 3	QIAGEN NV	DEBT 0.875% 3/1	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
N72482 AT 4	QIAGEN NV	DEBT 1.000%11/1	
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	
N96617 90 8	WRIGHT MED GROUP N V	CALL	
N96617 95 8	WRIGHT MED GROUP N V	PUT	
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	
P73684 11 3	ONESPAWORLD HOLDINGS LIMITED	COM	
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	
U16344 AB 6	CHENIERE ENERGY INC	DEBT 4.875% 5/2	
U2481A AK 4	DENBURY RES INC DEL	DEBT 6.375%12/3	ADDED
U8961E AA 4	TILRAY INC	DEBT 5.000%10/0	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
V7780T 90 3	ROYAL CARIBBEAN CRUISES LTD	CALL	
V7780T 95 3	ROYAL CARIBBEAN CRUISES LTD	PUT	
Y0207T 10 0 *	ARDMORE SHIPPING CORP	COM	
Y0207T 90 0	ARDMORE SHIPPING CORP	CALL	
Y0207T 95 0	ARDMORE SHIPPING CORP	PUT	
Y11082 20 6 *	CAPITAL PRODUCT PARTNERS L P	PARTNERSHP UNITS	
Y11082 90 6	CAPITAL PRODUCT PARTNERS L P	CALL	
Y11082 95 6	CAPITAL PRODUCT PARTNERS L P	PUT	
Y1146L 10 9	CASTOR MARITIME INC	SHS	
Y1771G 10 2 *	COSTAMARE INC	SHS	
Y1771G 90 2	COSTAMARE INC	CALL	
Y1771G 95 2	COSTAMARE INC	PUT	
Y1968P 10 5	DANAOS CORPORATION	SHS	DELETED
Y1968P 12 1	DANAOS CORPORATION	SHS	ADDED
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	
Y20676 10 5	DIAMOND S SHIPPING INC	COM	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 60 0 *	GLOBAL SHIP LEASE INC NEW	COM CL A	
Y27183 90 0	GLOBAL SHIP LEASE INC NEW	CALL	
Y27183 95 0	GLOBAL SHIP LEASE INC NEW	PUT	
Y27265 40 7	GLOBUS MARITIME LIMITED NEW	COM	
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	DELETED
Y37828 11 1	HUNTER MARITIME ACQUISITION	CL A	DELETED
Y37828 12 9	HUNTER MARITIME ACQUISITION	*W EXP 11/17/202	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
Y62132 90 8	NAVIGATOR HOLDINGS LTD	CALL	
Y62132 95 8	NAVIGATOR HOLDINGS LTD	PUT	
Y62151 10 8	NAVIOS MARITIME CONTAINERS L	COM UNIT RP LP	
Y62159 14 3 *	NAVIOS MARITIME ACQUIS CORP	SHS	
Y62159 90 3	NAVIOS MARITIME ACQUIS CORP	CALL	
Y62159 95 3	NAVIOS MARITIME ACQUIS CORP	PUT	
Y62197 11 9 *	NAVIOS MARITIME HLDGS INC	COM	
Y62197 90 9	NAVIOS MARITIME HLDGS INC	CALL	
Y62197 95 9	NAVIOS MARITIME HLDGS INC	PUT	
Y62267 10 2 *	NAVIOS MARITIME PARTNERS L P	UNIT LPI	DELETED
Y62267 90 2	NAVIOS MARITIME PARTNERS L P	CALL	DELETED
Y62267 95 2	NAVIOS MARITIME PARTNERS L P	PUT	DELETED
Y62267 40 9 *	NAVIOS MARITIME PARTNERS L P	COM UNIT LPI	ADDED
Y62267 90 9	NAVIOS MARITIME PARTNERS L P	CALL	ADDED
Y62267 95 9	NAVIOS MARITIME PARTNERS L P	PUT	ADDED
Y67305 10 5	PERFORMANCE SHIPPING INC	COM	
Y71726 10 6	PYXIS TANKERS INC	COM	
Y73760 14 5	SEANERGY MARITIME HLDGS CORP	*W EXP 11/10/202	
Y73760 15 2	SEANERGY MARITIME HLDGS CORP	*W EXP 05/13/202	ADDED
Y73760 30 1	SEANERGY MARITIME HLDGS CORP	SHS	
Y7388L 10 3 *	SAFE BULKERS INC	COM	
Y7388L 90 3	SAFE BULKERS INC	CALL	
Y7388L 95 3	SAFE BULKERS INC	PUT	
Y7542C 13 0 *	SCORPIO TANKERS INC	SHS	
Y7542C 90 0	SCORPIO TANKERS INC	CALL	
Y7542C 95 0	SCORPIO TANKERS INC	PUT	
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	

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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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
001448 10 9	AIT THERAPEUTICS INC	COM	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 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	DELETED
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	
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 AD 8	AMAG PHARMACEUTICALS INC	NOTE 3.250% 6/0	
00163U 10 6 *	AMAG PHARMACEUTICALS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
00165R 11 9	AMCI ACQUISITION CORP	*W EXP 05/20/202	
00165R 20 0	AMCI ACQUISITION CORP	UNIT 01/07/2019	
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	
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	DELETED
00211Y 50 6	ARCA BIOPHARMA INC	COM	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	GENOMIC REV ETF	
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	
00214Q 70 8	ARK ETF TR	FINTECH INNOVA	
00215F 10 7 *	ATN INTL INC	COM	
00215F 90 7	ATN INTL INC	CALL	
00215F 95 7	ATN INTL INC	PUT	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 GOLD SHS	
00326A 90 4	ABERDEEN STD GOLD ETF TR	CALL	
00326A 95 4	ABERDEEN STD GOLD ETF TR	PUT	
00326L 10 0	ABERDEEN TOTAL DYNAMIC DIVD	COM SH BEN INT	
003260 10 6	ABERDEEN STD PLATINUM ETF TR	PHYSCL PLATM SHS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
003261 10 4 *	ABERDEEN STD INVTS ETFS	BBRG ALL COMD K1	
003261 90 4	ABERDEEN STD INVTS ETFS	CALL	
003261 95 4	ABERDEEN STD INVTS ETFS	PUT	
003261 20 3	ABERDEEN STD INVTS ETFS	BBRG ALL LNDR K1	
003261 50 0	ABERDEEN STD INVTS ETFS	BBRG WTI CRUD K1	
003262 10 2	ABERDEEN STD PALLADIUM ETF T	PHYSCL PALLADM	
003263 10 0	ABERDEEN STD PRECIOUS METALS	PHYSCL PM BASKET	
003264 10 8 *	ABERDEEN STD SILVER ETF TR	PHYSCL SILVR SHS	
003264 90 8	ABERDEEN STD SILVER ETF TR	CALL	
003264 95 8	ABERDEEN STD SILVER ETF TR	PUT	
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	
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 84 1	ABSOLUTE SHS TR	WBI BULBEAR TR	ADDED
00400R 85 8	ABSOLUTE SHS TR	WBI PWR FCTR ETF	
00400R 86 6	ABSOLUTE SHS TR	WBI BBR GBL ROTN	DELETED
00400R 87 4	ABSOLUTE SHS TR	WBI BBR GBL INME	
00400R 88 2	ABSOLUTE SHS TR	WBI BBR GBL HIGH	DELETED
00401C 10 8 *	ACACIA COMMUNICATIONS INC	COM	
00401C 90 8	ACACIA COMMUNICATIONS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
004285 10 2	ACAMAR PARTNERS ACQSITION CO	CL A	ADDED
004285 11 0	ACAMAR PARTNERS ACQSITION CO	*W EXP 02/26/202	ADDED
004285 20 1	ACAMAR PARTNERS ACQSITION CO	UNIT 12/30/2025	
00430H AB 8	ACCELERATE DIAGNOSTICS INC	NOTE 2.500% 3/1	ADDED
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	
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	
00444T 90 0	ACELRX PHARMACEUTICALS INC	CALL	
00444T 95 0	ACELRX PHARMACEUTICALS INC	PUT	
004446 10 0 *	ACETO CORP	COM	DELETED
004446 90 0	ACETO CORP	CALL	DELETED
004446 95 0	ACETO CORP	PUT	DELETED
004449 10 4 *	ACHAOGEN INC	COM	DELETED
004449 90 4	ACHAOGEN INC	CALL	DELETED
004449 95 4	ACHAOGEN INC	PUT	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
00508Y 10 2 *	ACUITY BRANDS INC	COM	
00508Y 90 2	ACUITY BRANDS INC	CALL	
00508Y 95 2	ACUITY BRANDS INC	PUT	
005098 10 8 *	ACUSHNET HOLDINGS CORP	COM	
005098 90 8	ACUSHNET HOLDINGS CORP	CALL	
005098 95 8	ACUSHNET HOLDINGS CORP	PUT	
00547W 20 8 *	ADAMIS PHARMACEUTICALS CORP	COM NEW	
00547W 90 8	ADAMIS PHARMACEUTICALS CORP	CALL	
00547W 95 8	ADAMIS PHARMACEUTICALS CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
00650F 10 9	ADAPTIVE BIOTECHNOLOGIES COR	COM	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 30 7 *	ADVAXIS INC	COM NEW	
007624 90 7	ADVAXIS INC	CALL	
007624 95 7	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	DELETED
00768Y 20 6	ADVISORSHARES TR	ADVISORSHS ETF	
00768Y 49 5 *	ADVISORSHARES TR	PURE CANNABIS	ADDED
00768Y 90 5	ADVISORSHARES TR	CALL	ADDED
00768Y 95 5	ADVISORSHARES TR	PUT	ADDED
00768Y 51 1	ADVISORSHARES TR	SABRETOOTH 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 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	FOLIOBEYOND SMRT	
00768Y 88 3 *	ADVISORSHARES TR	RANGER EQUITY BE	
00768Y 90 3	ADVISORSHARES TR	CALL	
00768Y 95 3	ADVISORSHARES TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
008252 10 8 *	AFFILIATED MANAGERS GROUP IN	COM	
008252 90 8	AFFILIATED MANAGERS GROUP IN	CALL	
008252 95 8	AFFILIATED MANAGERS GROUP IN	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
00912N 20 5	AIR INDS GROUP	COM NEW	
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	
00919P 11 2	AIR T INC	*W EXP 06/07/202	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
00941Q 10 4 *	AIRNET TECHNOLOGY INC	SPONSORED ADR	ADDED
00941Q 90 4	AIRNET TECHNOLOGY INC	CALL	ADDED
00941Q 95 4	AIRNET TECHNOLOGY INC	PUT	ADDED
009411 10 9 *	AIRMEDIA GROUP INC	SPONSORED ADS	DELETED
009411 90 9	AIRMEDIA GROUP INC	CALL	DELETED
009411 95 9	AIRMEDIA GROUP INC	PUT	DELETED
00971T AJ 0	AKAMAI TECHNOLOGIES INC	NOTE 0.125% 5/0	ADDED
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 30 0	AKERS BIOSCIENCES INC	COM NEW	
00973N 10 2 *	AKOUSTIS TECHNOLOGIES INC	COM	
00973N 90 2	AKOUSTIS TECHNOLOGIES INC	CALL	
00973N 95 2	AKOUSTIS TECHNOLOGIES INC	PUT	
00973W 10 2	AKERNA CORP	COM	ADDED
00973W 11 0	AKERNA CORP	*W EXP 01/30/202	ADDED
00973Y 10 8	AKERO THERAPEUTICS INC	COM	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
014442 10 7	ALECTOR INC	COM	
014491 10 4 *	ALEXANDER & BALDWIN INC NEW	COM	
014491 90 4	ALEXANDER & BALDWIN INC NEW	CALL	
014491 95 4	ALEXANDER & BALDWIN INC NEW	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
01643B 10 6	ALITHYA GROUP INC	CL A SUB VTG	
01671P 10 0 *	ALLAKOS INC	COM	
01671P 90 0	ALLAKOS INC	CALL	
01671P 95 0	ALLAKOS INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
018581 10 8 *	ALLIANCE DATA SYSTEMS CORP	COM	
018581 90 8	ALLIANCE DATA SYSTEMS CORP	CALL	
018581 95 8	ALLIANCE DATA SYSTEMS CORP	PUT	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
019621 90 9	ALLIQUA BIOMEDICAL INC	CALL	DELETED
019621 95 9	ALLIQUA BIOMEDICAL INC	PUT	DELETED
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	
019770 90 6	ALLOGENE THERAPEUTICS INC	CALL	
019770 95 6	ALLOGENE THERAPEUTICS INC	PUT	
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	
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	

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02072L 40 9	ALPHA ARCHITECT ETF TR	US QUAN MOMENTUM	
02072L 50 8	ALPHA ARCHITECT ETF TR	VAL MOMTM TRND	
02072L 60 7	ALPHA ARCHITECT ETF TR	FREEDOM 100 EM	ADDED
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 AA 1	ALTAIR ENGR INC	NOTE 0.250% 6/0	ADDED
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	
02155H 90 0	ALTIMMUNE INC	CALL	
02155H 95 0	ALTIMMUNE INC	PUT	
02155X 10 6	ALTERITY THERAPEUTICS LTD	SPONSORED ADR	ADDED
02156B AB 9	ALTERYX INC	NOTE 0.500% 6/0	ADDED
02156B 10 3 *	ALTERYX INC	COM CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
02319V 90 3	AMBEV SA	CALL	
02319V 95 3	AMBEV SA	PUT	
02322P 20 0	AMBOW ED HLDG LTD	SPONSORED ADS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
02341Q 20 5	AMCON DISTRG CO	COM NEW	
023436 10 8 *	AMEDISYS INC	COM	
023436 90 8	AMEDISYS INC	CALL	
023436 95 8	AMEDISYS INC	PUT	
023576 10 1	AMERANT BANCORP INC	CL A	ADDED
023576 20 0	AMERANT BANCORP INC	CL B	ADDED
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	
024061 95 3	AMERICAN AXLE & MFG HLDGS IN	PUT	
024835 10 0 *	AMERICAN CAMPUS CMNTYS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 QLT	
025072 40 6	AMERICAN CENTY ETF TR	QUALITY DIVRSFED	
025072 50 5	AMERICAN CENTY ETF TR	DIVERSIFIED MU	
02553E 10 6 *	AMERICAN EAGLE OUTFITTERS IN	COM	
02553E 90 6	AMERICAN EAGLE OUTFITTERS IN	CALL	
02553E 95 6	AMERICAN EAGLE OUTFITTERS IN	PUT	
025537 10 1 *	AMERICAN ELEC PWR CO INC	COM	
025537 90 1	AMERICAN ELEC PWR CO INC	CALL	
025537 95 1	AMERICAN ELEC PWR CO INC	PUT	
025537 12 7	AMERICAN ELEC PWR CO INC	UNIT 03/15/2022	
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	
02752P 10 0 *	AMERICAN MIDSTREAM PARTNERS	COM UNITS	
02752P 90 0	AMERICAN MIDSTREAM PARTNERS	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
02927U 20 8	AMERICAN RES CORP	CL A	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
03063L 90 5	AMERICAS SILVER CORP	CALL	
03063L 95 5	AMERICAS SILVER CORP	PUT	
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	
030975 95 6	AMERIGAS PARTNERS L P	PUT	
031001 10 0	AMES NATL CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AB 5	AMICUS THERAPEUTICS INC	NOTE 3.000%12/1	ADDED
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 40 9	AMPLIFY ETF TR	CWP ENHANCED DIV	
032108 60 7 *	AMPLIFY ETF TR	BLOCKCHAIN LDR	
032108 90 7	AMPLIFY ETF TR	CALL	
032108 95 7	AMPLIFY ETF TR	PUT	
032108 70 6	AMPLIFY ETF TR	EASI TACTICAL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
032108 80 5	AMPLIFY ETF TR	ADVANCED BATTERY	
032108 86 2	AMPLIFY ETF TR	CRWDBURAU PEER	ADDED
032108 87 0	AMPLIFY ETF TR	INTL ONLINE	
032108 88 8	AMPLIFY ETF TR	BLACKSWAN GRWT	
03211P 30 1	AMPLIPHI BIOSCIENCES CORP	COM PAR	DELETED
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	
03236M AC 5	AMYRIS INC	NOTE 6.500% 5/1	DELETED
03236M AF 8	AMYRIS INC	NOTE 9.500% 4/1	DELETED
03236M AG 6	AMYRIS INC	NOTE 9.500% 4/1	DELETED
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	
03272L 90 8	ANAPLAN INC	CALL	
03272L 95 8	ANAPLAN INC	PUT	
032724 10 6 *	ANAPTYSBIO INC	COM	
032724 90 6	ANAPTYSBIO INC	CALL	
032724 95 6	ANAPTYSBIO INC	PUT	
032797 30 0 *	ANAVEX LIFE SCIENCES CORP	COM NEW	
032797 90 0	ANAVEX LIFE SCIENCES CORP	CALL	
032797 95 0	ANAVEX LIFE SCIENCES CORP	PUT	
03280X 10 2	ANCHIANO THERAPEUTICS LTD	SPONSORED ADS	
03350F 10 6 *	ANDEAVOR LOGISTICS LP	COM UNIT LP INT	
03350F 90 6	ANDEAVOR LOGISTICS LP	CALL	
03350F 95 6	ANDEAVOR LOGISTICS LP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
034164 10 3 *	ANDERSONS INC	COM	
034164 90 3	ANDERSONS INC	CALL	
034164 95 3	ANDERSONS INC	PUT	
03464A 10 0	ANGEL OAK FINL STRATEGIES IN	COM BEN INT	ADDED
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	
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	
036642 90 6	ANTARES PHARMA INC	CALL	
036642 95 6	ANTARES PHARMA INC	PUT	
03674X 10 6 *	ANTERO RES CORP	COM	
03674X 90 6	ANTERO RES CORP	CALL	
03674X 95 6	ANTERO RES CORP	PUT	
036752 10 3 *	ANTHEM INC	COM	
036752 90 3	ANTHEM INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
036752 95 3	ANTHEM INC	PUT	
03676B 10 2 *	ANTERO MIDSTREAM CORP	COM	
03676B 90 2	ANTERO MIDSTREAM CORP	CALL	
03676B 95 2	ANTERO MIDSTREAM CORP	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 75 4 *	APARTMENT INVT & MGMT CO	CL A	
03748R 90 4	APARTMENT INVT & MGMT CO	CALL	
03748R 95 4	APARTMENT INVT & MGMT CO	PUT	
03748R 76 2	APARTMENT INVT & MGMT CO	PFD CL A 6.875%	DELETED
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	
03755M 10 2 *	APEX GLOBAL BRANDS INC	COM	ADDED
03755M 90 2	APEX GLOBAL BRANDS INC	CALL	ADDED
03755M 95 2	APEX GLOBAL BRANDS INC	PUT	ADDED
037598 10 9 *	APOGEE ENTERPRISES INC	COM	
037598 90 9	APOGEE ENTERPRISES INC	CALL	
037598 95 9	APOGEE ENTERPRISES INC	PUT	
03761U 50 2 *	APOLLO INVT CORP	COM NEW	
03761U 90 2	APOLLO INVT CORP	CALL	
03761U 95 2	APOLLO INVT CORP	PUT	
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 AB 1	APOLLO COML REAL EST FIN INC	NOTE 4.750% 8/2	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
03762U AC 9	APOLLO COML REAL EST FIN INC	NOTE 5.375%10/1	
03762U 10 5 *	APOLLO COML REAL EST FIN INC	COM	
03762U 90 5	APOLLO COML REAL EST FIN INC	CALL	
03762U 95 5	APOLLO COML REAL EST FIN INC	PUT	
03763A 20 7	APOLLO 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	
03765K 90 4	APHRIA INC	CALL	
03765K 95 4	APHRIA INC	PUT	
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	
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	DELETED
03814F 40 3	APPLIANCE RECYCLING CTRS AME	COM	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
03828A 10 1	APPLIED THERAPEUTICS INC	COM	ADDED
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	
03835L 10 8 *	APTEVO THERAPEUTICS INC	COM	
03835L 90 8	APTEVO THERAPEUTICS INC	CALL	
03835L 95 8	APTEVO THERAPEUTICS INC	PUT	
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	
03836W 20 2	AQUA AMERICA INC	UNIT 04/30/2022	ADDED
03837C 10 6 *	APYX MED CORP	COM	
03837C 90 6	APYX MED CORP	CALL	
03837C 95 6	APYX MED CORP	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
03890D 10 8 *	ARAVIVE INC	COM	
03890D 90 8	ARAVIVE INC	CALL	
03890D 95 8	ARAVIVE INC	PUT	
038923 AA 6	ARBOR RLTY TR INC	NOTE 6.500%10/0	
038923 AB 4	ARBOR RLTY TR INC	NOTE 5.375%11/1	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
039653 90 0	ARCOSA INC	CALL	
039653 95 0	ARCOSA INC	PUT	
03969F 10 9 *	ARCUS BIOSCIENCES INC	COM	
03969F 90 9	ARCUS BIOSCIENCES INC	CALL	
03969F 95 9	ARCUS BIOSCIENCES INC	PUT	
03969T 10 9 *	ARCTURUS THERAPEUTICS HLDG I	COM	ADDED
03969T 90 9	ARCTURUS THERAPEUTICS HLDG I	CALL	ADDED
03969T 95 9	ARCTURUS THERAPEUTICS HLDG I	PUT	ADDED
039697 10 7 *	ARDELYX INC	COM	
039697 90 7	ARDELYX INC	CALL	
039697 95 7	ARDELYX INC	PUT	
03990B 10 1 *	ARES MANAGEMENT CORPORATION	CL A COM STK	
03990B 90 1	ARES MANAGEMENT CORPORATION	CALL	
03990B 95 1	ARES MANAGEMENT CORPORATION	PUT	
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 AT 0	ARES CAP CORP	NOTE 3.750% 2/0	
04010L AW 3	ARES CAP CORP	NOTE 4.625% 3/0	
04010L 10 3 *	ARES CAP CORP	COM	
04010L 90 3	ARES CAP CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
04208T 90 8	ARMADA HOFFLER PPTYS INC	CALL	
04208T 95 8	ARMADA HOFFLER PPTYS INC	PUT	
04216R 10 2	ARMATA PHARMACEUTICALS INC	COM	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
04301G 12 8	ARTELO BIOSCIENCES INC	*W EXP 06/25/202	ADDED
04301G 20 1	ARTELO BIOSCIENCES INC	COM NEW	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04335A 10 5 *	ARVINAS INC	COM	
04335A 90 5	ARVINAS INC	CALL	
04335A 95 5	ARVINAS INC	PUT	
043353 AH 4	ARVINMERITOR INC	FRNT	2/1 DELETED
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	
044186 10 4 *	ASHLAND GLOBAL HLDGS INC	COM	
044186 90 4	ASHLAND GLOBAL HLDGS INC	CALL	
044186 95 4	ASHLAND GLOBAL HLDGS 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
04911A 10 7 *	ATLANTIC UN BANKSHARES CORP	COM	ADDED
04911A 90 7	ATLANTIC UN BANKSHARES CORP	CALL	ADDED
04911A 95 7	ATLANTIC UN BANKSHARES CORP	PUT	ADDED
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	
04962H 90 6	ATOSSA GENETICS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
04962H 95 6	ATOSSA GENETICS INC	PUT	
04963C 20 9 *	ATRICURE INC	COM	
04963C 90 9	ATRICURE INC	CALL	
04963C 95 9	ATRICURE INC	PUT	
04965B 10 0	ATOMERA INC	COM	
04965G 10 9	ATRECA INC	CL A COM	ADDED
049836 12 5	ATTIS INDS INC	*W EXP 02/10/202	
049836 20 8	ATTIS INDS INC	COM NEW	
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	
05156X 90 8	AURORA CANNABIS INC	CALL	
05156X 95 8	AURORA CANNABIS INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
053484 10 1 *	AVALONBAY CMNTYS INC	COM	
053484 90 1	AVALONBAY CMNTYS INC	CALL	
053484 95 1	AVALONBAY CMNTYS INC	PUT	
05350V 10 6 *	AVANOS MED INC	COM	
05350V 90 6	AVANOS MED INC	CALL	
05350V 95 6	AVANOS MED INC	PUT	
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	
05352A 10 0 *	AVANTOR INC	COM	ADDED
05352A 90 0	AVANTOR INC	CALL	ADDED
05352A 95 0	AVANTOR INC	PUT	ADDED
05352A 20 9	AVANTOR INC	6.25 PFD CNV SR	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05355N 10 9	AVEDRO INC	COM	
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	DELETED
053734 60 4	AVINGER INC	COM	ADDED
053774 10 5 *	AVIS BUDGET GROUP INC	COM	
053774 90 5	AVIS BUDGET GROUP INC	CALL	
053774 95 5	AVIS BUDGET GROUP INC	PUT	
05379B 10 7 *	AVISTA CORP	COM	
05379B 90 7	AVISTA CORP	CALL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
05453N 10 0 *	AWARE INC MASS	COM	
05453N 90 0	AWARE INC MASS	CALL	
05453N 95 0	AWARE INC MASS	PUT	
05454B 10 5	AXCELLA HEALTH INC	COM	ADDED
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	
054754 70 0	AYTU BIOSCIENCE INC	COM PAR	
05491N 10 4	BBX CAP CORP NEW	CL A	
054937 10 7 *	BB&T CORP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 ADR	
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	
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	DELETED
05577E 10 1 *	BT GROUP PLC	ADR	
05577E 90 1	BT GROUP PLC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
05586Y 10 6	B RILEY PRINCIPAL MERGER COR	CL A	ADDED
05586Y 11 4	B RILEY PRINCIPAL MERGER COR	*W EXP 04/08/202	ADDED
05586Y 20 5	B RILEY PRINCIPAL MERGER COR	UNIT 99/99/9999	ADDED
05587G 10 4	BK TECHNOLOGIES CORPORATION	COM	
05588N 10 8	BNY MELLON ALCENTRA GLOBAL C	COM	ADDED
05588W 10 8	BNY MELLON STRATEGIC MUNS IN	COM	ADDED
05589T 10 4	BNY MELLON MUN INCOME INC	COM	ADDED
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	
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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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 68 2	BANK AMER CORP	7.25%CNV PFD L	
06211J 10 0	BANK FIRST NATL CORP	COM	
062540 10 9 *	BANK HAWAII CORP	COM	
062540 90 9	BANK HAWAII CORP	CALL	
062540 95 9	BANK HAWAII CORP	PUT	
063425 10 2	BANK 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	
063679 72 4	BANK OF MONTREAL	BIG OIL INDX 3X	ADDED
063679 73 2	BANK OF MONTREAL	BIG OIL INDX 2X	ADDED

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063679 74 0	BANK OF MONTREAL	BIG OIL IDX IN	ADDED
063679 75 7	BANK OF MONTREAL	BIG OIL 2X LEV	ADDED
063679 76 5	BANK OF MONTREAL	MCROSECTR INVR	ADDED
063679 77 3	BANK OF MONTREAL	MCROSECTR 2XINVR	ADDED
063679 78 1	BANK OF MONTREAL	MCROSECTR 3XINVR	ADDED
063679 79 9	BANK OF MONTREAL	MICROSECTR 2X LVG	ADDED
063679 81 5	BANK OF MONTREAL	BIG OIL 3X LEV	ADDED
063679 82 3	BANK OF MONTREAL	MICROSECTR 3X LVG	ADDED
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	MICROSECTRS 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
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	
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	
06741J 7V 5	BARCLAYS BANK PLC	MTNF 9/2	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	INVERSE US TREAS	
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	
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 GBLB 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	
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 CORPORATION	COM	
067901 90 8	BARRICK GOLD CORPORATION	CALL	
067901 95 8	BARRICK GOLD CORPORATION	PUT	
068221 10 0	BARNWELL INDS INC	COM	
068463 10 8 *	BARRETT BUSINESS SERVICES IN	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
07039P 10 4	BAT GROUP INC	COM	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 CO INC	COM	DELETED
081437 90 5	BEMIS CO INC	CALL	DELETED
081437 95 5	BEMIS CO INC	PUT	DELETED
08160H 10 1 *	BENCHMARK ELECTRS INC	COM	
08160H 90 1	BENCHMARK ELECTRS INC	CALL	
08160H 95 1	BENCHMARK ELECTRS INC	PUT	
08180D 10 6 *	BENEFITFOCUS INC	COM	
08180D 90 6	BENEFITFOCUS INC	CALL	
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 *	BERKLEY W R CORP	COM	
084423 90 2	BERKLEY W R CORP	CALL	
084423 95 2	BERKLEY W R CORP	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
08579X 90 1	BERRY PETE CORP	CALL	
08579X 95 1	BERRY PETE CORP	PUT	
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 LTD	SPONSORED ADS	
088606 90 8	BHP GROUP LTD	CALL	
088606 95 8	BHP GROUP LTD	PUT	
08862E 10 9 *	BEYOND MEAT INC	COM	ADDED
08862E 90 9	BEYOND MEAT INC	CALL	ADDED
08862E 95 9	BEYOND MEAT INC	PUT	ADDED
088786 10 8	BICYCLE THERAPEUTICS PLC	SPONSORED ADS	ADDED
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 ACQUISI CO	COM	
089482 11 1	BIG ROCK PARTNERS ACQUISI CO	*W EXP 12/01/2022	
089482 12 9	BIG ROCK PARTNERS ACQUISI CO	RIGHT 12/01/2022	
089482 20 2	BIG ROCK PARTNERS ACQUISI 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
090040 10 6 *	BILIBILI INC	SPONS ADS REP Z	
090040 90 6	BILIBILI INC	CALL	
090040 95 6	BILIBILI INC	PUT	
09057N 30 0	BIO PATH HOLDINGS INC	COM	
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 *	BIOCRIST PHARMACEUTICALS	COM	
09058V 90 3	BIOCRIST PHARMACEUTICALS	CALL	
09058V 95 3	BIOCRIST 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 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	
09062W 90 4	BIOLIFE SOLUTIONS INC	CALL	
09062W 95 4	BIOLIFE SOLUTIONS INC	PUT	
09062X 10 3 *	BIOGEN INC	COM	
09062X 90 3	BIOGEN INC	CALL	
09062X 95 3	BIOGEN INC	PUT	
09066L 10 5 *	BIOTIME INC	COM	
09066L 90 5	BIOTIME INC	CALL	
09066L 95 5	BIOTIME INC	PUT	
090672 10 6 *	BIOTELEMETRY INC	COM	
090672 90 6	BIOTELEMETRY INC	CALL	
090672 95 6	BIOTELEMETRY INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
09072X 30 9	BIOPHARMX CORP	COM NEW	ADDED
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	
09073N 90 1	BIOSIG TECH INC	CALL	
09073N 95 1	BIOSIG TECH INC	PUT	
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	
09180C 10 6 *	BJS RESTAURANTS INC	COM	
09180C 90 6	BJS RESTAURANTS INC	CALL	
09180C 95 6	BJS RESTAURANTS INC	PUT	
091941 10 4	BLACKROCK FLOATING RATE INCO	COM	
092113 10 9 *	BLACK HILLS CORP	COM	
092113 90 9	BLACK HILLS CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
092113 95 9	BLACK HILLS CORP	PUT	
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	DBCV 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	
09248D 10 4	BLACKROCK UTILITIES INFRSTRC	COM	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
092481 10 0	BLACKROCK VA MUNICIPAL BOND	COM	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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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	
09260K 10 1	BLACKROCK SCIENCE & TECH TR	SHS BEN INT	ADDED
09290C 10 3	BLACKROCK ETF TRUST	US EQT FACTOR	
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	
09523Q 10 1 *	BLUE APRON HLDGS INC	CL A	DELETED
09523Q 90 1	BLUE APRON HLDGS INC	CALL	DELETED
09523Q 95 1	BLUE APRON HLDGS INC	PUT	DELETED
09523Q 20 0 *	BLUE APRON HLDGS INC	CL A NEW	ADDED
09523Q 90 0	BLUE APRON HLDGS INC	CALL	ADDED
09523Q 95 0	BLUE APRON HLDGS INC	PUT	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
095306 10 6	BLUE BIRD CORP	COM	
095573 10 1 *	BLUE HILLS BANCORP INC	COM	DELETED
095573 90 1	BLUE HILLS BANCORP INC	CALL	DELETED
095573 95 1	BLUE HILLS BANCORP INC	PUT	DELETED
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	
09660L 10 5	BNY MELLON HIGH YIELD STRATE	SH BEN INT	ADDED
09662E 10 9	BNY MELLON STRATEGIC MUN BD	COM	ADDED
09662W 10 9	BNY MELLON MUN BD INFRASTRUC	COM SHS	ADDED
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	
097793 40 0 *	BONANZA CREEK ENERGY INC	COM NEW	
097793 90 0	BONANZA CREEK ENERGY INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
101507 10 1	BOULDER GROWTH & INCOME FD I	COM	
102565 10 8	BOWL AMER INC	CL A	
10316T 10 4 *	BOX INC	CL A	
10316T 90 4	BOX INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
10316T 95 4	BOX INC	PUT	
10319T 10 1	BOXWOOD MERGER CORP	COM CL A	
10319T 11 9	BOXWOOD MERGER CORP	*W EXP 11/26/202	
10319T 20 0	BOXWOOD MERGER CORP	UNIT 11/26/2025	
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	
10501L 10 6	BRAINSWAY LTD	SPONSORED ADS	ADDED
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	DELETED
105532 90 5	BRASKEM S A	CALL	DELETED
105532 95 5	BRASKEM S A	PUT	DELETED
10554B 10 4	BRASILAGRO BRAZILIAN AGRIC R	SPONSORED ADR	
108035 10 6 *	BRIDGE BANCORP INC	COM	
108035 90 6	BRIDGE BANCORP INC	CALL	
108035 95 6	BRIDGE BANCORP INC	PUT	
10806X 10 2	BRIDGEBIO PHARMA INC	COM	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
10807M 10 5 *	BRIDGEPOINT ED INC	COM	DELETED
10807M 90 5	BRIDGEPOINT ED INC	CALL	DELETED
10807M 95 5	BRIDGEPOINT ED INC	PUT	DELETED
10807Q 40 3	BRIDGELINE DIGITAL INC	COM PAR	DELETED
10807Q 70 0	BRIDGELINE DIGITAL INC	COM	ADDED
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	
10918L 10 3	BRIGHAM MINERALS INC	CL A COM	ADDED
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	
10948C 90 7	BRIGHTVIEW HLDGS INC	CALL	
10948C 95 7	BRIGHTVIEW HLDGS INC	PUT	
109641 10 0 *	BRINKER INTL INC	COM	
109641 90 0	BRINKER INTL INC	CALL	
109641 95 0	BRINKER INTL INC	PUT	
109696 10 4 *	BRINKS CO	COM	
109696 90 4	BRINKS CO	CALL	
109696 95 4	BRINKS CO	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
110394 AF 0	BRISTOW GROUP INC	NOTE 4.500% 6/0	DELETED
110394 10 3 *	BRISTOW GROUP INC	COM	DELETED
110394 90 3	BRISTOW GROUP INC	CALL	DELETED
110394 95 3	BRISTOW GROUP INC	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
11373M 95 7	BROOKLINE BANCORP INC DEL	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
120076 10 4 *	BUILD A BEAR WORKSHOP	COM	
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	DELETED
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	
12482W 10 1	CBDMD INC	COM	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
124857 95 2	CBS CORP NEW	PUT	
124867 10 2	CCA INDS INC	COM	DELETED
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	
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 10 7	CF FIN ACQUISITION CORP	COM CL A	
12528N 11 5	CF FIN ACQUISITION CORP	*W EXP 04/30/202	
12528N 20 6	CF FIN ACQUISITION CORP	UNIT 04/30/2025	
12532H 10 4 *	CGI INC	CL A SUB VTG	
12532H 90 4	CGI INC	CALL	
12532H 95 4	CGI INC	PUT	
12541W 20 9 *	C H ROBINSON WORLDWIDE INC	COM NEW	
12541W 90 9	C H ROBINSON WORLDWIDE INC	CALL	
12541W 95 9	C H ROBINSON WORLDWIDE INC	PUT	
12542Q 70 6	CHF SOLUTIONS INC	COM PAR	
125523 10 0 *	CIGNA CORP NEW	COM	
125523 90 0	CIGNA CORP NEW	CALL	
125523 95 0	CIGNA CORP NEW	PUT	

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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	
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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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 30 0	CAMBER ENERGY INC	COM NEW	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
13471N 90 2	CAN-FITE BIOPHARMA LTD	CALL	DELETED
13471N 95 2	CAN-FITE BIOPHARMA LTD	PUT	DELETED
13471N 20 1 *	CAN FITE BIOPHARMA LTD	SPONSORED ADS	ADDED
13471N 90 1	CAN FITE BIOPHARMA LTD	CALL	ADDED
13471N 95 1	CAN FITE BIOPHARMA LTD	PUT	ADDED
135086 10 6 *	CANADA GOOSE HOLDINGS INC	SHS SUB VTG	
135086 90 6	CANADA GOOSE HOLDINGS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 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	
137800 20 7 *	CANNTRUST HLDGS INC	COM	
137800 90 7	CANNTRUST HLDGS INC	CALL	
137800 95 7	CANNTRUST HLDGS INC	PUT	
138006 30 9 *	CANON INC	SPONSORED ADR	
138006 90 9	CANON INC	CALL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
14070B 30 9	CAPRICOR THERAPEUTICS INC	COM NEW	ADDED
14070T 10 2	CAPSTAR FINL HLDGS INC	COM	
140755 10 9 *	CARA THERAPEUTICS INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
146102 10 8	CARTER BK & TR MARTINSVILLE	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
14817C 10 7	CASSAVA SCIENCES INC	COM	
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 20 6	CATABASIS PHARMACEUTICALS IN	COM NEW	
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	
14888U 95 1	CATALYST PHARMACEUTICALS INC	PUT	
149049 50 4 *	CATASYS INC	COM PAR	
149049 90 4	CATASYS INC	CALL	
149049 95 4	CATASYS INC	PUT	
14912Y 20 2 *	CATCHMARK TIMBER TR INC	CL A	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 60 7 *	CEL SCI CORP	COM PAR NEW	
150837 90 7	CEL SCI CORP	CALL	
150837 95 7	CEL SCI CORP	PUT	
150870 10 3 *	CELANESE CORP DEL	COM	
150870 90 3	CELANESE CORP DEL	CALL	
150870 95 3	CELANESE CORP DEL	PUT	
15101Q 10 8 *	CELESTICA INC	SUB VTG SHS	
15101Q 90 8	CELESTICA INC	CALL	
15101Q 95 8	CELESTICA INC	PUT	
15102K 10 0	CELCUITY INC	COM	
151020 10 4 *	CELGENE CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 20 2 *	CELLDEX THERAPEUTICS INC NEW	COM NEW	
15117B 90 2	CELLDEX THERAPEUTICS INC NEW	CALL	
15117B 95 2	CELLDEX THERAPEUTICS INC NEW	PUT	
15117F 12 0	CELLECTAR BIOSCIENCES INC	*W EXP 08/20/201	
15117F 13 8	CELLECTAR BIOSCIENCES INC	*W EXP 04/20/202	
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	
15118V 90 7	CELSIUS HOLDINGS INC	CALL	
15118V 95 7	CELSIUS HOLDINGS INC	PUT	
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	
15130G 30 3	CEMTREX INC	COM PAR	DELETED
15130G 60 0	CEMTREX INC	COM NEW	ADDED
15135B 10 1 *	CENTENE CORP DEL	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
154760 90 9	CENTRAL PAC FINL CORP	CALL	
154760 95 9	CENTRAL PAC FINL CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
15644G 90 4	CENTRIC BRANDS INC	CALL	
15644G 95 4	CENTRIC BRANDS INC	PUT	
156492 10 0 *	CENTURY CASINOS INC	COM	
156492 90 0	CENTURY CASINOS INC	CALL	
156492 95 0	CENTURY CASINOS INC	PUT	
156504 30 0 *	CENTURY CMNTYS INC	COM	
156504 90 0	CENTURY CMNTYS INC	CALL	
156504 95 0	CENTURY CMNTYS INC	PUT	
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	
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	
157085 10 1 *	CERUS CORP	COM	
157085 90 1	CERUS CORP	CALL	
157085 95 1	CERUS CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
157131 20 2	CESCA THERAPEUTICS INC	COM NEW	DELETED
157131 30 1	CESCA THERAPEUTICS INC	COM	ADDED
157210 10 5 *	CEVA INC	COM	
157210 90 5	CEVA INC	CALL	
157210 95 5	CEVA INC	PUT	
15870P 30 7	CHAMPIONS ONCOLOGY INC	COM NEW	
15911M 10 7 *	CHANGYOU COM LTD	ADS REP CL A	
15911M 90 7	CHANGYOU COM LTD	CALL	
15911M 95 7	CHANGYOU COM LTD	PUT	
15912K 10 0	CHANGE HEALTHCARE INC	COM	ADDED
15912K 20 9	CHANGE HEALTHCARE INC	UNIT 99/99/9999	ADDED
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	
15942R 90 8	CHAPARRAL ENERGY INC	CALL	
15942R 95 8	CHAPARRAL ENERGY INC	PUT	
15957A 10 8	CHARDAN HEALTHCARE ACQUISITI	COM	
15957A 11 6	CHARDAN HEALTHCARE ACQUISITI	*W EXP 12/13/202	
15957A 20 7	CHARDAN HEALTHCARE ACQUISITI	UNIT 12/13/2023	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
16150R 10 4	CHASE CORP	COM	
16166A 10 3	CHASERG TECHNLOGY ACQUISITN C	CLASS A	
16166A 11 1	CHASERG TECHNLOGY ACQUISITN C	*W EXP 04/10/202	
16166A 20 2	CHASERG TECHNLOGY ACQUISITN C	UNIT 09/30/2023	
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 AB 5	CHEGG INC	NOTE 0.250% 5/1	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
16444H 90 2	CHEROKEE INC DEL NEW	CALL	DELETED
16444H 95 2	CHEROKEE INC DEL NEW	PUT	DELETED
164651 10 1	CHERRY HILL MTG INVT CORP	COM	
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	
16679L 10 9 *	CHEWY INC	CL A	ADDED
16679L 90 9	CHEWY INC	CALL	ADDED
16679L 95 9	CHEWY INC	PUT	ADDED
16706W 10 2	CHIASMA INC	COM	
168088 10 2	CHICAGO RIVET & MACH CO	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
16890T 90 5	CHINA NEW BORUN CORP	CALL	DELETED
16890T 95 5	CHINA NEW BORUN CORP	PUT	DELETED
168905 10 7 *	CHILDRENS PL INC	COM	
168905 90 7	CHILDRENS PL INC	CALL	
168905 95 7	CHILDRENS PL INC	PUT	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
16943W 90 5	CHINA GREEN AGRICULTURE INC	CALL	DELETED
16943W 95 5	CHINA GREEN AGRICULTURE INC	PUT	DELETED
16943W 20 4 *	CHINA GREEN AGRICULTURE INC	COM NEW	ADDED
16943W 90 4	CHINA GREEN AGRICULTURE INC	CALL	ADDED
16943W 95 4	CHINA GREEN AGRICULTURE INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
16949N AC 3	CHINA LODGING GROUP LTD	NOTE 0.375%11/0	
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	
16954W 10 1	CHINA INDEX HLDGS LTD	SPNSRD ADS A	ADDED
16955B 10 6	CHINA BAT GROUP INC	COM	DELETED
16965P 20 2 *	CHIPMOS TECHNOLOGIES INC	SPONSORD ADS NEW	
16965P 90 2	CHIPMOS TECHNOLOGIES INC	CALL	
16965P 95 2	CHIPMOS TECHNOLOGIES INC	PUT	
169656 10 5 *	CHIPOTLE MEXICAN GRILL INC	COM	
169656 90 5	CHIPOTLE MEXICAN GRILL INC	CALL	
169656 95 5	CHIPOTLE MEXICAN GRILL INC	PUT	
169905 10 6 *	CHOICE HOTELS INTL INC	COM	
169905 90 6	CHOICE HOTELS INTL INC	CALL	
169905 95 6	CHOICE HOTELS INTL INC	PUT	
171046 10 5 *	CHRISTOPHER & BANKS CORP	COM	DELETED
171046 90 5	CHRISTOPHER & BANKS CORP	CALL	DELETED
171046 95 5	CHRISTOPHER & BANKS CORP	PUT	DELETED
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	DELETED
17142R 11 1	CHURCHILL CAP CORP	*W EXP 09/11/202	DELETED
17142R 20 2	CHURCHILL CAP CORP	UNIT 99/99/9999	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
17143G 20 5	CHURCHILL CAP CORP II	UNIT 99/99/9999	ADDED
171484 10 8 *	CHURCHILL DOWNS INC	COM	
171484 90 8	CHURCHILL DOWNS INC	CALL	
171484 95 8	CHURCHILL DOWNS INC	PUT	
171604 10 1 *	CHUYS HLDGS INC	COM	
171604 90 1	CHUYS HLDGS INC	CALL	
171604 95 1	CHUYS HLDGS INC	PUT	
171757 10 7 *	CIDARA THERAPEUTICS INC	COM	
171757 90 7	CIDARA THERAPEUTICS INC	CALL	
171757 95 7	CIDARA THERAPEUTICS INC	PUT	
171779 30 9 *	CIENA CORP	COM NEW	
171779 90 9	CIENA CORP	CALL	
171779 95 9	CIENA CORP	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
172755 10 0 *	CIRRUS LOGIC INC	COM	
172755 90 0	CIRRUS LOGIC INC	CALL	
172755 95 0	CIRRUS LOGIC INC	PUT	
172908 10 5 *	CINTAS CORP	COM	
172908 90 5	CINTAS CORP	CALL	
172908 95 5	CINTAS CORP	PUT	
172922 10 6 *	CITIZENS & NORTHN CORP	COM	
172922 90 6	CITIZENS & NORTHN CORP	CALL	
172922 95 6	CITIZENS & NORTHN CORP	PUT	
172967 42 4 *	CITIGROUP INC	COM NEW	
172967 90 4	CITIGROUP INC	CALL	
172967 95 4	CITIGROUP INC	PUT	
17306X 10 2 *	CITI TRENDS INC	COM	
17306X 90 2	CITI TRENDS INC	CALL	
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	VLCTYSHS 3X LNG	
17325E 30 9	CITIGROUP GLOBAL MKTS HLDGS	VLCTYSHS 3X INV	
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	

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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	
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	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
184499 10 1 *	CLEAN ENERGY FUELS CORP	COM	
184499 90 1	CLEAN ENERGY FUELS CORP	CALL	
184499 95 1	CLEAN ENERGY FUELS CORP	PUT	
18451C 10 9 *	CLEAR CHANNEL OUTDOOR HLDGS	CL A	DELETED
18451C 90 9	CLEAR CHANNEL OUTDOOR HLDGS	CALL	DELETED
18451C 95 9	CLEAR CHANNEL OUTDOOR HLDGS	PUT	DELETED
18453H 10 6 *	CLEAR CHANNEL OUTDOOR HLDGS	COM	ADDED
18453H 90 6	CLEAR CHANNEL OUTDOOR HLDGS	CALL	ADDED
18453H 95 6	CLEAR CHANNEL OUTDOOR HLDGS	PUT	ADDED
18469P 10 0	CLEARBRIDGE ENERGY MIDSTRM O	COM	
18469Q 10 8	CLEARBRIDGE MLP AND MIDSTRM	COM	
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	
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	DELETED
185860 20 2 *	CLEVELAND BIOLABS INC	COM NEW	
185860 90 2	CLEVELAND BIOLABS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
185860 95 2	CLEVELAND BIOLABS INC	PUT	
185899 AA 9	CLEVELAND CLIFFS INC	DBCV 1.500% 1/1	
185899 10 1 *	CLEVELAND CLIFFS INC	COM	
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	
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	
19046P 20 9	COASTAL FINL CORP WA	COM NEW	
191098 10 2	COCA COLA CONSOLIDATED INC	COM	
191216 10 0 *	COCA COLA CO	COM	
191216 90 0	COCA COLA CO	CALL	
191216 95 0	COCA COLA CO	PUT	
191241 10 8 *	COCA COLA FEMSA S A B DE C V	SPONSORD ADR REP	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 HLDG CO INC	COM	
19239V 30 2 *	COGENT COMMUNICATIONS HLDGS	COM NEW	
19239V 90 2	COGENT COMMUNICATIONS HLDGS	CALL	
19239V 95 2	COGENT COMMUNICATIONS HLDGS	PUT	
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 &I	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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
194014 20 5	COLFAX CORP	UNIT 01/15/2022T	
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	
19423L 85 4	COLLABORATIVE INVESTMNT SER	TACTICAL INCOM	ADDED
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	DELETED
19516R 10 7	COLLPLANT BIOTECHNOLOGIES LT	ADS	ADDED
19623P 10 1	COLONY BANKCORP INC	COM	
19624R AA 4	COLONY CAP INC	NOTE 5.000% 4/1	
19624R AB 2	COLONY CAP INC	NOTE 3.875% 1/1	
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	
197236 95 2	COLUMBIA BKG SYS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
19762B 10 3	COLUMBIA ETF TR II	BEYOND BRICS ETF	DELETED
19762B 20 2	COLUMBIA ETF TR II	EM CORE EX ETF	
19762B 30 1	COLUMBIA ETF TR II	EM QUALITY ETF	DELETED
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	DELETED
19762B 90 6	COLUMBIA ETF TR II	CALL	DELETED
19762B 95 6	COLUMBIA ETF TR II	PUT	DELETED
19762B 88 9	COLUMBIA ETF TR II	INDIA SML CP ETF	DELETED
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	
20030N 90 1	COMCAST CORP NEW	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
200497 20 4	COMMAND CENTER INC	COM NEW	
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
204166 95 2	COMMSVAULT 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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
21234W 40 0	CONTRAVIR PHARMACEUTICALS IN	COM	ADDED
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	
21240E 95 5	CONTROLADORA VUELA CIA DE AV	PUT	
21241B 10 0 *	CONTURA ENERGY INC	COM	
21241B 90 0	CONTURA ENERGY INC	CALL	
21241B 95 0	CONTURA ENERGY INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
212485 AE 6	CONVERGYS CORP	SDCV 5.750% 9/1	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
21900C 30 8 *	CORMEDIX INC	COM	
21900C 90 8	CORMEDIX INC	CALL	
21900C 95 8	CORMEDIX INC	PUT	
21924B 30 2	CORNERSTONE STRATEGIC VALUE	COM	
21924U 30 0	CORNERSTONE TOTAL RTRN FD IN	COM	
21925D 10 9 *	CORNERSTONE BLDG BRANDS INC	COM	ADDED
21925D 90 9	CORNERSTONE BLDG BRANDS INC	CALL	ADDED
21925D 95 9	CORNERSTONE BLDG BRANDS INC	PUT	ADDED
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	
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	
22026V 10 5 *	CORREVIO PHARMA CORP	COM	
22026V 90 5	CORREVIO PHARMA CORP	CALL	
22026V 95 5	CORREVIO PHARMA CORP	PUT	
22052L 10 4 *	CORTEVA INC	COM	ADDED
22052L 90 4	CORTEVA INC	CALL	ADDED
22052L 95 4	CORTEVA INC	PUT	ADDED
22053A 10 7	CORTEXIME INC	COM	ADDED
220587 10 9	CORTLAND BANCORP	COM	
221006 10 9 *	CORVEL CORP	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AB 2	COUPA SOFTWARE INC	NOTE 0.375% 1/1	ADDED
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	DELETED
222795 90 6	COUSINS PPTYS INC	CALL	DELETED
222795 95 6	COUSINS PPTYS INC	PUT	DELETED
222795 50 2 *	COUSINS PPTYS INC	COM NEW	ADDED
222795 90 2	COUSINS PPTYS INC	CALL	ADDED
222795 95 2	COUSINS PPTYS INC	PUT	ADDED
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	
22304C 10 0 *	COVETRUS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
22304C 90 0	COVETRUS INC	CALL	
22304C 95 0	COVETRUS INC	PUT	
22305A 10 3 *	COVIA HLDGS CORP	COM	
22305A 90 3	COVIA HLDGS CORP	CALL	
22305A 95 3	COVIA HLDGS CORP	PUT	
223622 AE 1	COWEN INC	NOTE 3.000%12/1	
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	
22530J 20 0	CREATIVE REALITIES INC	COM NEW	
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	

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22539T 26 6	CREDIT SUISSE AG NASSAU BRH	XLINK CRD ETN37	
22539T 28 2	CREDIT SUISSE AG NASSAU BRH	XLNKS REIT ETN36	
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	
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	
22542D 29 0	CREDIT SUISSE NASSAU BRH	VELOCITY SHS ETN	
22542D 31 6	CREDIT SUISSE NASSAU BRH	3X LONG GOLD	
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 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 82 9	CREDIT SUISSE NASSAU BRH	INVRV 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	
22564L 10 5	CRESCENT ACQUISITION CORP	COM CL A	ADDED
22564L 11 3	CRESCENT ACQUISITION CORP	*W EXP 03/08/202	ADDED
22564L 20 4	CRESCENT ACQUISITION CORP	UNIT 99/99/9999	
22576C 10 1 *	CRESCENT PT ENERGY CORP	COM	
22576C 90 1	CRESCENT PT ENERGY CORP	CALL	
22576C 95 1	CRESCENT PT ENERGY CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
226344 20 8 *	CRESTWOOD EQUITY PARTNERS LP	UNIT LTD PARTNER	
226344 90 8	CRESTWOOD EQUITY PARTNERS LP	CALL	
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	
22788C 10 5 *	CROWDSTRIKE HLDGS INC	CL A	ADDED
22788C 90 5	CROWDSTRIKE HLDGS INC	CALL	ADDED
22788C 95 5	CROWDSTRIKE HLDGS INC	PUT	ADDED
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	

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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	
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 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	SPONSORED ADS	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
23163L 20 7	CUSHING ETF TRUST	UTILITY & MLP	
23163L 30 6	CUSHING ETF TRUST	TRNSPRTN & MLP	
23163L 40 5	CUSHING ETF TRUST	ENRGY SC & MLP	
231631 20 1	THE CUSHING MLP INFASCTCR TOT	COM NEW	
231647 10 8	CUSHING RENAISSANCE FD	COM	
231647 12 4	CUSHING RENAISSANCE FD	RIGHT 07/18/2019	ADDED
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	
23255M 10 5	CYCLERION THERAPEUTICS INC	COM	
23257D 10 3 *	CYMABAY THERAPEUTICS INC	COM	
23257D 90 3	CYMABAY THERAPEUTICS INC	CALL	
23257D 95 3	CYMABAY THERAPEUTICS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
232806 10 9 *	CYPRESS SEMICONDUCTOR CORP	COM	
232806 90 9	CYPRESS SEMICONDUCTOR CORP	CALL	
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	DELETED
232828 90 8	CYTRX CORP	CALL	DELETED
232828 95 8	CYTRX CORP	PUT	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
23305L 95 6	DASAN ZHONE SOLUTIONS INC	PUT	
233051 10 1	DBX ETF TR	XTRACK MSCI EMRG	
233051 14 3	DBX ETF TR	XTRACKERS S&P	ADDED
233051 15 0	DBX ETF TR	XTRCKR MSCI US	
233051 19 2	DBX ETF TR	XTKR MSCI ACWI	
233051 20 0 *	DBX ETF TR	XTRACK MSCI EAFE	
233051 90 0	DBX ETF TR	CALL	
233051 95 0	DBX ETF TR	PUT	
233051 21 8	DBX ETF TR	XTRACKERS MSCI	
233051 22 6	DBX ETF TR	XTKR MSCI EMRG	
233051 24 2	DBX ETF TR	XTRCKR RUSL 1000	
233051 25 9	DBX ETF TR	XTRACKERS HIGH	
233051 26 7	DBX ETF TR	XTRACKERS LOW	
233051 28 3	DBX ETF TR	XTRACKERS SHRT	
233051 40 8	DBX ETF TR	XTRACK MSCI GRMY	
233051 43 2 *	DBX ETF TR	XTRACK USD HIGH	
233051 90 2	DBX ETF TR	CALL	
233051 95 2	DBX ETF TR	PUT	
233051 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	
233051 55 6	DBX ETF TR	XTRCK GERMNY EQT	DELETED
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	

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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	
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 INTL REAL	
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	DELETED
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	
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	

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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	
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	DELETED
23334L 90 2	DSW INC	CALL	DELETED
23334L 95 2	DSW INC	PUT	DELETED
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 CORPORATION	DEBT 1/2	
235851 AF 9	DANAHER CORPORATION	BCV 1/2	
235851 10 2 *	DANAHER CORPORATION	COM	
235851 90 2	DANAHER CORPORATION	CALL	
235851 95 2	DANAHER CORPORATION	PUT	
235851 30 0	DANAHER CORPORATION	4.75 MND CV PFD	

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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	
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	
238116 20 6	DATASEA INC	COM NEW	
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	

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23918K 95 8	DAVITA INC	PUT	
239360 10 0 *	DAWSON GEOPHYSICAL CO NEW	COM	
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	

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24665A 95 3	DELEK US HLDGS INC NEW	PUT	
24703L 20 2 *	DELL TECHNOLOGIES INC	CL C	
24703L 90 2	DELL TECHNOLOGIES INC	CALL	
24703L 95 2	DELL TECHNOLOGIES INC	PUT	
247078 20 7	DELMAR PHARMACEUTICALS INC	COM NEW	DELETED
247078 30 6	DELMAR PHARMACEUTICALS INC	COM	ADDED
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	
250565 10 8 *	DESIGNER BRANDS INC	CL A	ADDED
250565 90 8	DESIGNER BRANDS INC	CALL	ADDED
250565 95 8	DESIGNER BRANDS INC	PUT	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	
25153Q 65 8	DEUTSCHE BK AG LONDON	ETN DJ HY 2022	DELETED
25153Q 70 8	DEUTSCHE BK AG LONDON	ELE MORN TTL22	DELETED
25154H 46 7	DEUTSCHE BK AG LDN BRH	DB COMMOD SHRT	DELETED
25154H 47 5	DEUTSCHE BK AG LDN BRH	DB COM DBLE LNG	DELETED
25154H 53 3	DEUTSCHE BK AG LDN BRH	DB AGRIC LNG ETN	DELETED
25154H 55 8	DEUTSCHE BK AG LDN BRH	DB AGRIC DBL LN	DELETED
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	DELETED
25154K 84 1	DEUTSCHE BK AG LONDON BRH	DB BASE MET DBL	DELETED
25154K 85 8	DEUTSCHE BK AG LONDON BRH	DB BASE MET DBL	DELETED
25154K 86 6	DEUTSCHE BK AG LONDON BRH	DB CRUDE OIL LNG	DELETED
25154K 87 4	DEUTSCHE BK AG LONDON BRH	DB CRUD OIL SHR	DELETED
25155L 29 3	DEUTSCHE BK AG LONDON BRH	FI ENH GL0BAL HY	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	
25258L 20 8	DIAMOND EAGLE ACQUISITION CO	UNIT 06/30/2026	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	
25280H 10 0	DIAMONDPEAK HLDGS COR	COM CL A	ADDED
25280H 11 8	DIAMONDPEAK HLDGS COR	*W EXP 02/22/202	ADDED
25280H 20 9	DIAMONDPEAK HLDGS COR	UNIT 99/99/9999	
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	
253748 30 5	DIFFUSION PHARMACEUTICALS IN	COM PAR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
25382P 90 8	DIGITAL ALLY INC	CALL	
25382P 95 8	DIGITAL ALLY INC	PUT	
253827 10 9 *	DIGIRAD CORP	COM	DELETED
253827 90 9	DIGIRAD CORP	CALL	DELETED
253827 95 9	DIGIRAD CORP	PUT	DELETED
253827 70 3 *	DIGIRAD CORP	COM NEW	ADDED
253827 90 3	DIGIRAD CORP	CALL	ADDED
253827 95 3	DIGIRAD CORP	PUT	ADDED
253868 10 3 *	DIGITAL RLTY TR INC	COM	
253868 90 3	DIGITAL RLTY TR INC	CALL	
253868 95 3	DIGITAL RLTY TR INC	PUT	
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	

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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	
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 3XB	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
25459Y 90 3	DIREXION SHS ETF TR	CALL	DELETED
25459Y 95 3	DIREXION SHS ETF TR	PUT	DELETED
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	

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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	
25459Y 70 2	DIREXION SHS ETF TR	DLY CNSMR STPL	
25459Y 76 9	DIREXION SHS ETF TR	ALL CP INSIDER	
25459Y 78 5	DIREXION SHS ETF TR	DLY CNMSR BULL	
25459Y 80 1	DIREXION SHS ETF TR	DLY CNMSR BULL	
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	
25460E 11 7 *	DIREXION SHS ETF TR	DAILY MD CP BEAR	ADDED
25460E 90 7	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 7	DIREXION SHS ETF TR	PUT	ADDED
25460E 12 5 *	DIREXION SHS ETF TR	DAILY SM CP BEAR	ADDED
25460E 90 5	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 5	DIREXION SHS ETF TR	PUT	ADDED
25460E 13 3 *	DIREXION SHS ETF TR	DAILY FINL BEAR	ADDED
25460E 90 3	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 3	DIREXION SHS ETF TR	PUT	ADDED
25460E 14 1 *	DIREXION SHS ETF TR	DAILY MSCI REAL	ADDED
25460E 90 1	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 1	DIREXION SHS ETF TR	PUT	ADDED
25460E 15 8 *	DIREXION SHS ETF TR	DAILY NATRL GAS	ADDED
25460E 90 8	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 8	DIREXION SHS ETF TR	PUT	ADDED
25460E 16 6 *	DIREXION SHS ETF TR	DAILY JR GLD MIN	ADDED
25460E 90 6	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 6	DIREXION SHS ETF TR	PUT	ADDED
25460E 17 4 *	DIREXION SHS ETF TR	DLY S&P OIL GAS	ADDED
25460E 90 4	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 4	DIREXION SHS ETF TR	PUT	ADDED

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25460E 18 2 *	DIREXION SHS ETF TR	DLY SEMICNDTR BR	ADDED
25460E 90 2	DIREXION SHS ETF TR	CALL	ADDED
25460E 95 2	DIREXION SHS ETF TR	PUT	ADDED
25460E 30 7	DIREXION SHS ETF TR	AUSPCE CMD STG	
25460E 37 2	DIREXION SHS ETF TR	MSCI DEV OVER	
25460E 38 0	DIREXION SHS ETF TR	MSCI EMRG OVER	
25460E 39 8	DIREXION SHS ETF TR	MSCI DEF OVER	
25460E 41 4	DIREXION SHS ETF TR	MSCI CYCLI OVR	
25460E 42 2	DIREXION SHS ETF TR	RUSLL SML OVER	
25460E 43 0	DIREXION SHS ETF TR	RUSLL LRG OVER	
25460E 44 8	DIREXION SHS ETF TR	RUSELL1000 GWT	
25460E 45 5	DIREXION SHS ETF TR	RUSELL1000 VAL	
25460E 46 3	DIREXION SHS ETF TR	FTSE INTL OVER	
25460E 47 1	DIREXION SHS ETF TR	FTSE US OVER	
25460E 48 9	DIREXION SHS ETF TR	DAILY BEAR 3X	
25460E 49 7	DIREXION SHS ETF TR	DAILY BULL 3X	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 90 2	DIREXION SHS ETF TR	CALL	
25460E 95 2	DIREXION SHS ETF TR	PUT	
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	DELETED
25460E 90 6	DIREXION SHS ETF TR	CALL	DELETED
25460E 95 6	DIREXION SHS ETF TR	PUT	DELETED
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	DELETED
25460E 90 1	DIREXION SHS ETF TR	CALL	DELETED
25460E 95 1	DIREXION SHS ETF TR	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
25490K 90 5	DIREXION SHS ETF TR	CALL	DELETED
25490K 95 5	DIREXION SHS ETF TR	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
25490K 90 9	DIREXION SHS ETF TR	CALL	DELETED
25490K 95 9	DIREXION SHS ETF TR	PUT	DELETED
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	DELETED
25490K 90 1	DIREXION SHS ETF TR	CALL	DELETED
25490K 95 1	DIREXION SHS ETF TR	PUT	DELETED
25490K 53 9 *	DIREXION SHS ETF TR	DAILY FINL BEAR	DELETED
25490K 90 9	DIREXION SHS ETF TR	CALL	DELETED
25490K 95 9	DIREXION SHS ETF TR	PUT	DELETED
25490K 59 6	DIREXION SHS ETF TR	DALY HOM B&S BUL	
25490K 81 0 *	DIREXION SHS ETF TR	MD CP BEAR 3X NW	DELETED
25490K 90 0	DIREXION SHS ETF TR	CALL	DELETED
25490K 95 0	DIREXION SHS ETF TR	PUT	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
255104 10 1	DIVERSICARE HEALTHCARE SVCS	COM	
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 CL A	
25659T 90 7	DOLBY LABORATORIES INC	CALL	
25659T 95 7	DOLBY LABORATORIES INC	PUT	
256677 10 5 *	DOLLAR GEN CORP NEW	COM	
256677 90 5	DOLLAR GEN CORP NEW	CALL	
256677 95 5	DOLLAR GEN CORP NEW	PUT	
256746 10 8 *	DOLLAR TREE INC	COM	
256746 90 8	DOLLAR TREE INC	CALL	
256746 95 8	DOLLAR TREE INC	PUT	
25686H 10 0	DOLPHIN ENTMT INC	COM	
25686H 11 8	DOLPHIN ENTMT INC	*W EXP 12/26/202	
25746U 10 9 *	DOMINION ENERGY INC	COM	
25746U 90 9	DOMINION ENERGY INC	CALL	
25746U 95 9	DOMINION ENERGY INC	PUT	
25746U 13 3	DOMINION ENERGY INC	UNIT 99/99/9999	ADDED
25746U 83 6	DOMINION ENERGY INC	UNIT 08/15/2019	

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25754A 20 1 *	DOMINOS PIZZA INC	COM	
25754A 90 1	DOMINOS PIZZA INC	CALL	
25754A 95 1	DOMINOS PIZZA INC	PUT	
257554 10 5 *	DOMO INC	COM CL B	
257554 90 5	DOMO INC	CALL	
257554 95 5	DOMO INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
25960P 95 9	DOUGLAS EMMETT INC	PUT	
25960R 10 5 *	DOUGLAS DYNAMICS INC	COM	
25960R 90 5	DOUGLAS DYNAMICS INC	CALL	
25960R 95 5	DOUGLAS DYNAMICS INC	PUT	
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	
260174 10 7 *	DOVER MOTORSPORTS INC	COM	
260174 90 7	DOVER MOTORSPORTS INC	CALL	
260174 95 7	DOVER MOTORSPORTS INC	PUT	
260557 10 3 *	DOW INC	COM	
260557 90 3	DOW INC	CALL	
260557 95 3	DOW INC	PUT	
26078J 10 0 *	DOWDUPONT INC	COM	DELETED
26078J 90 0	DOWDUPONT INC	CALL	DELETED
26078J 95 0	DOWDUPONT INC	PUT	DELETED
26078J 11 8	DOWDUPONT INC	WHEN ISSUED	DELETED
26140E 50 1 *	DPW HLDGS INC	COM NEW	
26140E 90 1	DPW HLDGS INC	CALL	
26140E 95 1	DPW HLDGS INC	PUT	
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	DELETED
261932 10 7	DREYFUS STRATEGIC MUNS INC	COM	DELETED
26200S 10 1	DREYFUS HIGH YIELD STRATEGIE	SH BEN INT	DELETED
26201R 10 2	DREYFUS MUN INCOME INC	COM	DELETED
26202F 10 7	DREYFUS STRATEGIC MUN BD FD	COM	DELETED
26203D 10 1 *	DREYFUS MUN BD INFRSTRCTR FD	SHS	DELETED
26203D 90 1	DREYFUS MUN BD INFRSTRCTR FD	CALL	DELETED
26203D 95 1	DREYFUS MUN BD INFRSTRCTR FD	PUT	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 20 3	DROPCAR INC	COM NEW	
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	
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	
26614N 10 2 *	DUPONT DE NEMOURS INC	COM	ADDED
26614N 90 2	DUPONT DE NEMOURS INC	CALL	ADDED
26614N 95 2	DUPONT DE NEMOURS INC	PUT	ADDED
266605 10 4 *	DURECT CORP	COM	
266605 90 4	DURECT CORP	CALL	

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266605 95 4	DURECT CORP	PUT	
26745T 10 1	DYADIC INTL INC DEL	COM	ADDED
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	DELETED
26817Q 90 6	DYNEX CAP INC	CALL	DELETED
26817Q 95 6	DYNEX CAP INC	PUT	DELETED
26817Q 88 6 *	DYNEX CAP INC	COM	ADDED
26817Q 90 6	DYNEX CAP INC	CALL	ADDED
26817Q 95 6	DYNEX CAP INC	PUT	ADDED
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	DELETED
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	

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26874R 10 8 *	ENI S P A	SPONSORED ADR	
26874R 90 8	ENI S P A	CALL	
26874R 95 8	ENI S P A	PUT	
26875P 10 1 *	EOG RES INC	COM	
26875P 90 1	EOG RES INC	CALL	
26875P 95 1	EOG RES INC	PUT	
268785 10 2 *	EP ENERGY CORP	CL A	DELETED
268785 90 2	EP ENERGY CORP	CALL	DELETED
268785 95 2	EP ENERGY CORP	PUT	DELETED
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	
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 23 0	ETF SER SOLUTIONS	HOYA CAP HOUSI	
26922A 24 8	ETF SER SOLUTIONS	NETLEASE CORP	
26922A 25 5	ETF SER SOLUTIONS	RYZZ MNG FTR	
26922A 26 3	ETF SER SOLUTIONS	ACQUIRERS FD	ADDED
26922A 28 9	ETF SER SOLUTIONS	DEFIANCE NEXT	
26922A 30 5 *	ETF SER SOLUTIONS	ALPCLONE ALTER	
26922A 90 5	ETF SER SOLUTIONS	CALL	
26922A 95 5	ETF SER SOLUTIONS	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
26922A 32 1	ETF SER SOLUTIONS	DISTILLATE US	
26922A 34 7	ETF SER SOLUTIONS	AAM S&P DEV MK	
26922A 35 4	ETF SER SOLUTIONS	GADSDN DYN MLT	
26922A 36 2	ETF SER SOLUTIONS	GADSDN DYN GWT	
26922A 37 0	ETF SER SOLUTIONS	LONCAR CHINA BIO	
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	NEXT GEN VIDEO	
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	

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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 76 8	ETF SER SOLUTIONS	PRMSE CP FRNT	
26922A 77 6	ETF SER SOLUTIONS	AMEN CUST SATF	
26922A 78 4	ETF SER SOLUTIONS	APTUS BHVRL MMTM	
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	DELETED
26922A 88 3	ETF SER SOLUTIONS	VAL MKT LEG ET	
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 78 0	ETFIS SER TR I	VIRTUS REAL AS	
26923G 79 8	ETFIS SER TR I	VIRTUS PVT CR	
26923G 80 6	ETFIS SER TR I	VIRTUS REAVES UT	
26923G 82 2	ETFIS SER TR I	VIRTUS INFRCAP	
26923G 83 0	ETFIS SER TR I	VIRTUS GLOVIST	
26923G 84 8	ETFIS SER TR I	VIRTUS WMC GBL	
26923G 87 1	ETFIS SER TR I	VIRTUS CUMBRLAND	DELETED
26923H 10 1	ETF MANAGER GROUP	COMMODITY SIT RISING RTE	
26923H 20 0	ETF MANAGER GROUP	COMMODITY BREAKWAVE DRY	
26924G 10 2 *	ETF MANAGERS TR	PRIME JUNIR SLVR	
26924G 90 2	ETF MANAGERS TR	CALL	
26924G 95 2	ETF MANAGERS TR	PUT	
26924G 20 1 *	ETF MANAGERS TR	PRIME CYBR SCRPTY	
26924G 90 1	ETF MANAGERS TR	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
27579R 95 4	EAST WEST BANCORP INC	PUT	
27616P 10 3 *	EASTERLY GOVT PPTYS INC	COM	
27616P 90 3	EASTERLY GOVT PPTYS INC	CALL	
27616P 95 3	EASTERLY GOVT PPTYS INC	PUT	
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 CHEMICAL CO	COM	
277432 90 0	EASTMAN CHEMICAL CO	CALL	
277432 95 0	EASTMAN CHEMICAL 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	
27826F 10 1	EATON VANCE CA MUNI INCOME T	SH BEN INT	
27826S 10 3	EATON VANCE SR INCOME TR	SH BEN INT	
27826U 10 8	EATON VANCE MUNI INCOME TRUS	SH BEN INT	
27826W 10 4	EATON VANCE NY MUNI INCOME T	SH BEN INT	
278265 10 3 *	EATON VANCE CORP	COM NON VTG	
278265 90 3	EATON VANCE CORP	CALL	
278265 95 3	EATON VANCE CORP	PUT	
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	
27828G 10 7	EATON VANCE TAX ADVT DIV INC	COM	
27828H 10 5	EATON VANCE LTD DUR INCOME F	COM	
27828N 10 2	EATON VANCE TX MGD DIV EQ IN	COM	
27828Q 10 5	EATON VANCE SR FLTNG RTE TR	COM	
27828S 10 1	EATON VANCE TX ADV GLBL DIV	COM	
27828U 10 6	EATON VANCE TX ADV GLB DIV O	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
27828V 10 4	EATON VANCE SH TM DR DIVR IN	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 FLTG 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 MNGD BUY WRI	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	
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	
279158 10 9 *	ECOPETROL S A	SPONSORED ADS	
279158 90 9	ECOPETROL S A	CALL	
279158 95 9	ECOPETROL S A	PUT	
27966L 10 8	EDESA BIOTECH INC	COM	ADDED
28035Q 10 2 *	EDGEWELL PERS CARE CO	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
28035Q 90 2	EDGEWELL PERS CARE CO	CALL	
28035Q 95 2	EDGEWELL PERS CARE CO	PUT	
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	
28138X 11 1	EDTECHX HLDGS ACQUISITION CO	*W EXP 12/31/202	
28138X 20 2	EDTECHX HLDGS ACQUISITION CO	UNIT 12/31/2025	
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	
28252W 10 5	1895 BANCORP OF WIS INC	COM	
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	

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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	
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	
284849 90 5	ELECTRAMECCANICA VEHS CORP	CALL	
284849 95 5	ELECTRAMECCANICA VEHS CORP	PUT	
284902 50 9 *	ELDORADO GOLD CORP NEW	COM	
284902 90 9	ELDORADO GOLD CORP NEW	CALL	
284902 95 9	ELDORADO GOLD CORP NEW	PUT	
285233 10 2	ELECTRO-SENSORS INC	COM	
28531P 10 3	ELECTROCORE INC	COM	
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	
28618M 10 6 *	ELEMENT SOLUTIONS INC	COM	
28618M 90 6	ELEMENT SOLUTIONS INC	CALL	
28618M 95 6	ELEMENT SOLUTIONS INC	PUT	
28621V 10 1	ELEVATE CREDIT INC	COM	
28849P 10 0 *	ELLIE MAE INC	COM	DELETED
28849P 90 0	ELLIE MAE INC	CALL	DELETED
28849P 95 0	ELLIE MAE INC	PUT	DELETED
28852N 10 9 *	ELLINGTON FINANCIAL INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
28852N 90 9	ELLINGTON FINANCIAL INC	CALL	
28852N 95 9	ELLINGTON FINANCIAL INC	PUT	
288578 10 7	ELLINGTON RESIDENTIAL MTG RE	COM SHS BEN INT	
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	SPONSORED ADS	
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	DELETED
29102H 90 8	EMERGE ENERGY SVCS LP	CALL	DELETED
29102H 95 8	EMERGE ENERGY SVCS LP	PUT	DELETED
29103B 10 0 *	EMERALD EXPOSITIONS EVENTS I	COM	
29103B 90 0	EMERALD EXPOSITIONS EVENTS I	CALL	
29103B 95 0	EMERALD EXPOSITIONS EVENTS I	PUT	
291087 20 3 *	EMERSON RADIO CORP	COM NEW	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
29266S AB 2	ENDOLOGIX INC	NOTE 3.250%11/0	
29266S 30 4 *	ENDOLOGIX INC	COM NEW	
29266S 90 4	ENDOLOGIX INC	CALL	
29266S 95 4	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	
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	
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	

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29272W 90 9	ENERGIZER HLDGS INC NEW	CALL	
29272W 95 9	ENERGIZER HLDGS INC NEW	PUT	
29272W 20 8	ENERGIZER HLDGS INC NEW	7.5 MCNV PFD A	
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	
29274F 13 8	ENEL AMERICAS S A	RIGHT 07/25/2019	ADDED
29275Y 10 2 *	ENERSYS	COM	
29275Y 90 2	ENERSYS	CALL	
29275Y 95 2	ENERSYS	PUT	
292766 10 2 *	ENERPLUS CORP	COM	
292766 90 2	ENERPLUS CORP	CALL	
292766 95 2	ENERPLUS CORP	PUT	
29278D 10 5 *	ENEL CHILE S A	SPONSORED ADR	
29278D 90 5	ENEL CHILE S A	CALL	
29278D 95 5	ENEL CHILE S A	PUT	
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	
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	
29355A 10 7 *	ENPHASE ENERGY INC	COM	
29355A 90 7	ENPHASE ENERGY INC	CALL	
29355A 95 7	ENPHASE ENERGY INC	PUT	

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29355X 10 7 *	ENPRO INDS INC	COM	
29355X 90 7	ENPRO INDS INC	CALL	
29355X 95 7	ENPRO INDS INC	PUT	
29357K 10 3 *	ENOVA INTL INC	COM	
29357K 90 3	ENOVA INTL INC	CALL	
29357K 95 3	ENOVA INTL INC	PUT	
29358P 10 1 *	ENSIGN GROUP INC	COM	
29358P 90 1	ENSIGN GROUP INC	CALL	
29358P 95 1	ENSIGN GROUP INC	PUT	
29358Y 10 2 *	ENSERVCO CORP	COM	
29358Y 90 2	ENSERVCO CORP	CALL	
29358Y 95 2	ENSERVCO CORP	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
293828 80 2	ENTREPRENEURSHARES SER TRUST	ERSHARES 30 ETF	
293828 88 5	ENTREPRENEURSHARES SER TRUST	NON US SML CP	
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	
29404K AB 2	ENVESTNET INC	NOTE 1.750% 6/0	ADDED
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	
29413Q 11 0	ENVISION SOLAR INTL INC	*W EXP 12/30/202	ADDED
29413Q 20 1	ENVISION SOLAR INTL INC	COM	ADDED
29414B 10 4 *	EPAM SYS INC	COM	
29414B 90 4	EPAM SYS INC	CALL	
29414B 95 4	EPAM SYS INC	PUT	
29414J 10 7 *	ENVIVA PARTNERS LP	COM UNIT	
29414J 90 7	ENVIVA PARTNERS LP	CALL	
29414J 95 7	ENVIVA PARTNERS LP	PUT	
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	
294375 20 9	EPSILON ENERGY LTD	COM	
294429 10 5 *	EQUIFAX INC	COM	
294429 90 5	EQUIFAX INC	CALL	
294429 95 5	EQUIFAX INC	PUT	
29444U 70 0 *	EQUINIX INC	COM	
29444U 90 0	EQUINIX INC	CALL	
29444U 95 0	EQUINIX INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29446K 10 6	EQUILLIUM INC	COM	
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	
294600 90 1	EQUITRANS MIDSTREAM CORPORAT	CALL	
294600 95 1	EQUITRANS MIDSTREAM CORPORAT	PUT	
294628 10 2 *	EQUITY COMWLTH	COM SH BEN INT	
294628 90 2	EQUITY COMWLTH	CALL	
294628 95 2	EQUITY COMWLTH	PUT	
294628 20 1	EQUITY COMWLTH	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
29786A AC 0	ETSY INC	NOTE	3/0
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 DELETED
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

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
29978A 10 4 *	EVERBRIDGE INC	COM	
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	EVOLENT HEALTH INC	NOTE 2.000%12/0	
30050B 10 1 *	EVOLENT HEALTH INC	CL A	
30050B 90 1	EVOLENT HEALTH INC	CALL	
30050B 95 1	EVOLENT HEALTH INC	PUT	
30052C 10 7 *	EVOLUS INC	COM	
30052C 90 7	EVOLUS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
30052C 95 7	EVOLUS INC	PUT	
30057T 10 5 *	EVOQUA WATER TECHNOLOGIES CO	COM	
30057T 90 5	EVOQUA WATER TECHNOLOGIES CO	CALL	
30057T 95 5	EVOQUA WATER TECHNOLOGIES CO	PUT	
30063P AA 3	EXACT SCIENCES CORP	NOTE 1.000% 1/1	
30063P AB 1	EXACT SCIENCES CORP	NOTE 0.375% 3/1	
30063P 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 72 3	EXCHANGE TRADED CONCEPTS TR	ROBO GBL HLTCR	ADDED
301505 74 9	EXCHANGE TRADED CONCEPTS TR	VSPR US LC ETF	
301505 75 6	EXCHANGE TRADED CONCEPTS TR	IDEANOMICS NXTGN	
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	DELETED
301505 88 9	EXCHANGE TRADED CONCEPTS TR	EMQQ EM INTERN	
30151E 60 8	EXCHANGE LISTED FDS TR	KNLDG LD WD ETF	
30151E 78 0	EXCHANGE LISTED FDS TR	QRAFT AI US MMTM	ADDED
30151E 79 8	EXCHANGE LISTED FDS TR	QRAFT AI ENHCD	ADDED
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 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	
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	
30224P 20 0 *	EXTENDED STAY AMER INC	UNIT 99/99/9999B	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
302301 AE 6	EZCORP INC	NOTE 2.375% 5/0	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
302520 90 1	FNB CORP PA	CALL	
302520 95 1	FNB CORP PA	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	DELETED
30281V 90 8	FTD COS INC	CALL	DELETED
30281V 95 8	FTD COS INC	PUT	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
31188V 10 0 *	FASTLY INC	CL A	ADDED
31188V 90 0	FASTLY INC	CALL	ADDED
31188V 95 0	FASTLY INC	PUT	ADDED
31189P 10 2 *	FATE THERAPEUTICS INC	COM	
31189P 90 2	FATE THERAPEUTICS INC	CALL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
315721 90 7	FIBROCELL SCIENCE INC	CALL	
315721 95 7	FIBROCELL SCIENCE INC	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 52 7	FIDELITY	SML MID FACTR	
316092 53 5	FIDELITY	TARGETED INTL	
316092 54 3	FIDELITY	TARGETED EMERG	
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	
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	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
316827 10 4 *	51JOB INC	SPONSORED ADS	
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	DELETED
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 10 1	FINTECH ACQUISITION CORP III	COM CL A	
31811A 11 9	FINTECH ACQUISITION CORP III	*W EXP 12/01/202	
31811A 30 9	FINTECH ACQUISITION CORP III	UNIT 12/01/2023	
31816Q AB 7	FIREEYE INC	NOTE 1.000% 6/0	
31816Q AD 3	FIREEYE INC	NOTE 1.625% 6/0	
31816Q AF 8	FIREEYE INC	NOTE 0.875% 6/0	ADDED
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	
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	

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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	
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	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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 AB 9	FIRST MAJESTIC SILVER CORP	NOTE 1.875% 3/0	
32076V 10 3 *	FIRST MAJESTIC SILVER CORP	COM	
32076V 90 3	FIRST MAJESTIC SILVER CORP	CALL	
32076V 95 3	FIRST MAJESTIC SILVER CORP	PUT	

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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 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	
32106V 10 7	FIRST NATL CORP	COM	ADDED
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	
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	

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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 INTERNT IDX	
33733E 90 2	FIRST TR EXCHANGE TRADED FD	CALL	
33733E 95 2	FIRST TR EXCHANGE TRADED FD	PUT	
33733E 40 1	FIRST TR EXCHANGE TRADED FD	NASDAQ 100 EX	
33733E 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	
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	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 ALPHADFX	
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 ALPHADFX	
33734X 90 6	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 6	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 18 4 *	FIRST TR EXCHANGE TRADED FD	UTILITIES ALPH	
33734X 90 4	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 4	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 19 2 *	FIRST TR EXCHANGE TRADED FD	CLOUD COMPUTING	
33734X 90 2	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 2	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 20 0	FIRST TR EXCHANGE TRADED FD	DJ GLBL DIVID	

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33734X 30 9	FIRST TR EXCHANGE TRADED FD	AUTO INDEX FD	
33734X 77 0	FIRST TR EXCHANGE TRADED FD	DJ INTL INTRNT	
33734X 78 8	FIRST TR EXCHANGE TRADED FD	IPOX EUROPE EQ	
33734X 81 2 *	FIRST TR EXCHANGE TRADED FD	INDXX GLOBAL AGR	
33734X 90 2	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 2	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 83 8 *	FIRST TR EXCHANGE TRADED FD	INDXX NAT RE ETF	
33734X 90 8	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 8	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 84 6 *	FIRST TR EXCHANGE TRADED FD	NASDAQ CYB ETF	
33734X 90 6	FIRST TR EXCHANGE TRADED FD	CALL	
33734X 95 6	FIRST TR EXCHANGE TRADED FD	PUT	
33734X 85 3	FIRST TR EXCHANGE TRADED FD	INTL EQUITY OPP	
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	
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	

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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	
33737J 80 2	FIRST TR EXCH TRD ALPHA FD I	INDIA NFTY50 EQW	
33737K 10 6	FIRST TR EXCHANGE TRADED FD	NASDAQ SMRTPHONE	DELETED
33737K 20 5	FIRST TR EXCHANGE TRADED FD	INDXX NEXTG ETF	ADDED
33737M 10 2	FIRST TR EXCNGE TRD ALPHADEX	MID CP GR ALPH	
33737M 20 1	FIRST TR EXCNGE TRD ALPHADEX	MID CAP VAL FD	
33737M 30 0	FIRST TR EXCNGE TRD ALPHADEX	SML CP GRW ALP	

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33737M 40 9	FIRST TR EXCNGE TRD ALPHAD	SML CAP VAL AL	
33737M 50 8	FIRST TR EXCNGE TRD ALPHAD	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	
33738D 60 6	FIRST TR EXCHANGE TRADED FD	LNG DUR OPRTUN	
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	
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	

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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	MRNGSTR FUTURS	
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	
33739P 85 5	FIRST TR EXCH TRADED FD III	INSTL PFD SECS	
33739P 86 3	FIRST TR EXCH TRADED FD III	CALIF MUN INCM	
33739P 87 1	FIRST TR EXCH TRADED FD III	HORIZON MNGD ETF	
33739P 88 9	FIRST TR EXCH TRADED FD III	HORIZON DMST ETF	
33739Q 20 0	FIRST TR EXCHANGE TRADED FD	FST LOW OPPT EFT	
33739Q 30 9	FIRST TR EXCHANGE TRADED FD	FT STRG INCM ETF	
33739Q 40 8	FIRST TR EXCHANGE TRADED FD	FIRST TR ENH NEW	

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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 87 0	FIRST TR EXCHNG TRADED FD VI	LOW DUR STRTGC	
33740F 88 8	FIRST TR EXCHNG TRADED FD VI	TCW UNCONSTRAI	
33740J 10 4	FIRST TRUST ETF III	ULTRA SHT DUR MU	
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	DELETED
33767E 90 3	FIRSTSERVICE CORP NEW	CALL	DELETED
33767E 95 3	FIRSTSERVICE CORP NEW	PUT	DELETED
33767E 20 2	FIRSTSERVICE CORP NEW	COM	ADDED
337738 10 8 *	FISERV INC	COM	
337738 90 8	FISERV INC	CALL	
337738 95 8	FISERV INC	PUT	
337930 70 5 *	FLAGSTAR BANCORP INC	COM PAR .001	

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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 AB 7	FIVE9 INC	NOTE 0.125% 5/0	ADDED
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	
339041 95 5	FLEETCOR TECHNOLOGIES INC	PUT	

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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	
33939L 80 3	FLEXSHARES TR	M STAR DEV MKT	

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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 10 8 *	FLUIDIGM CORP DEL	COM	
34385P 90 8	FLUIDIGM CORP DEL	CALL	
34385P 95 8	FLUIDIGM CORP DEL	PUT	
343873 10 5 *	FLUSHING FINL CORP	COM	
343873 90 5	FLUSHING FINL CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
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	

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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	
34983P 90 4	FORTY SEVEN INC	CALL	
34983P 95 4	FORTY SEVEN INC	PUT	
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	
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	

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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	
350392 90 6	FOUNDATION BLDG MATLS INC	CALL	
350392 95 6	FOUNDATION BLDG MATLS INC	PUT	
35086T 10 9 *	FOUR CORNERS PPTY TR INC	COM	
35086T 90 9	FOUR CORNERS PPTY TR INC	CALL	
35086T 95 9	FOUR CORNERS PPTY TR INC	PUT	
35101A 10 1	FOUR SEASONS ED CAYMAN INC	ADR	
35137L 10 5 *	FOX CORP	CL A COM	
35137L 90 5	FOX CORP	CALL	
35137L 95 5	FOX CORP	PUT	
35137L 20 4 *	FOX CORP	CL B COM	
35137L 90 4	FOX CORP	CALL	
35137L 95 4	FOX CORP	PUT	
35138V 10 2 *	FOX FACTORY HLDG CORP	COM	
35138V 90 2	FOX FACTORY HLDG CORP	CALL	
35138V 95 2	FOX FACTORY HLDG CORP	PUT	
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 74 9	FQF TR	AGFIQ DYNAMIC	ADDED
351680 75 6	FQF TR	AGFIQ GBL INFR	ADDED

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
351680 80 6	FQF TR	AGFIQ HEDGED DIV	
351793 10 4 *	FRANCESSAS HLDGS CORP	COM	
351793 90 4	FRANCESSAS HLDGS CORP	CALL	
351793 95 4	FRANCESSAS HLDGS CORP	PUT	
351858 10 5 *	FRANCO NEVADA CORP	COM	
351858 90 5	FRANCO NEVADA CORP	CALL	
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	
353525 10 8	FRANKLIN FINL SVCS CORP	COM	ADDED
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	
35473P 57 9	FRANKLIN TEMPLETON ETF TR	FTSE SOUTH AFR	
35473P 58 7	FRANKLIN TEMPLETON ETF TR	FTSE SAUDI ARB	
35473P 59 5	FRANKLIN TEMPLETON ETF TR	LIBERTY SR LN	

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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	
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	

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35671D 90 7	FREEPORT-MCMORAN INC	CALL	
35671D 95 7	FREEPORT-MCMORAN INC	PUT	
357023 10 0 *	FREIGHTCAR AMER INC	COM	
357023 90 0	FREIGHTCAR AMER INC	CALL	
357023 95 0	FREIGHTCAR AMER INC	PUT	
358010 10 6	FREQUENCY ELECTRS INC	COM	
358029 10 6 *	FRESENIUS MED CARE AG&CO KGA	SPONSORED ADR	
358029 90 6	FRESENIUS MED CARE AG&CO KGA	CALL	
358029 95 6	FRESENIUS MED CARE AG&CO KGA	PUT	
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	DELETED
35952H 90 2	FUELCELL ENERGY INC	CALL	DELETED
35952H 95 2	FUELCELL ENERGY INC	PUT	DELETED
35952H 60 1 *	FUELCELL ENERGY INC	COM	ADDED
35952H 90 1	FUELCELL ENERGY INC	CALL	ADDED
35952H 95 1	FUELCELL ENERGY INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
36116X 90 2	FUSION CONNECT INC	CALL	DELETED
36116X 95 2	FUSION CONNECT INC	PUT	DELETED
36117V 10 5	FUTURE FINTECH GROUP INC	COM	
36118L 10 6	FUTU HLDGS LTD	SPONSORED ADS	
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 AB 4	GDS HLDGS LTD	NOTE 2.000% 6/0	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36165L 10 8 *	GDS HLDGS LTD	SPONSORED ADS	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
362409 10 4	GTY TECHNOLOGY HOLDINGS INC	COM	
362409 11 2	GTY TECHNOLOGY HOLDINGS INC	*W EXP 02/19/202	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	
36251A 20 6	GX ACQUISITION CORP	UNIT 05/24/2026	ADDED
36251C 10 3 *	GMS INC	COM	
36251C 90 3	GMS INC	CALL	
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	
36257Y 10 9	GSX TECHEDU INC	SPONSORED ADS	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
36465A 10 9	GAMCO GLOBAL GOLD NAT RES &	COM SH BEN INT	
36465E 10 1	GAMCO NAT RES GOLD & INCOME	SH BEN INT	
36467A 10 7	GAMING PARTNERS INTL CORP	COM	DELETED
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 AB 0	GANNETT CO INC	NOTE 4.750% 4/1	ADDED
36473H 10 4 *	GANNETT CO INC	COM	
36473H 90 4	GANNETT CO INC	CALL	
36473H 95 4	GANNETT CO INC	PUT	
364760 10 8 *	GAP INC	COM	
364760 90 8	GAP INC	CALL	
364760 95 8	GAP INC	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 *	GENESEE & WYO INC	CL A	
371559 90 5	GENESEE & WYO INC	CALL	
371559 95 5	GENESEE & 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
371901 90 9	GENTEX CORP	CALL	
371901 95 9	GENTEX CORP	PUT	
371927 10 4 *	GENESIS ENERGY L P	UNIT LTD PARTN	
371927 90 4	GENESIS ENERGY L P	CALL	
371927 95 4	GENESIS ENERGY L P	PUT	
372279 10 9	GENFIT S A	ADS	
372284 20 8 *	GENIE ENERGY LTD	CL B	
372284 90 8	GENIE ENERGY LTD	CALL	
372284 95 8	GENIE ENERGY LTD	PUT	
37229T 30 1	GENIUS BRANDS INTL INC	COM PAR	
372309 10 4 *	GENMARK DIAGNOSTICS INC	COM	
372309 90 4	GENMARK DIAGNOSTICS INC	CALL	
372309 95 4	GENMARK DIAGNOSTICS INC	PUT	
372427 10 4 *	GENOCEA BIOSCIENCES INC	COM	DELETED
372427 90 4	GENOCEA BIOSCIENCES INC	CALL	DELETED
372427 95 4	GENOCEA BIOSCIENCES INC	PUT	DELETED
372427 40 1 *	GENOCEA BIOSCIENCES INC	COM NEW	ADDED
372427 90 1	GENOCEA BIOSCIENCES INC	CALL	ADDED
372427 95 1	GENOCEA BIOSCIENCES INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
375036 20 9	GIGCAPITAL2 INC	UNIT 02/28/2026	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
37950E 21 8	GLOBAL X FDS	MSCI NXT EMRNG	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	MSCI CHINA COMMU	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 43 4	GLOBAL X FDS	GENOMIC BIOTECH	ADDED
37954Y 44 2	GLOBAL X FDS	CLOUD COMPUTNG	ADDED
37954Y 45 9	GLOBAL X FDS	RUSSELL 2000	ADDED
37954Y 46 7	GLOBAL X FDS	E COMMERCE ETF	
37954Y 47 5	GLOBAL X FDS	S&P 500 COVERED	
37954Y 48 3	GLOBAL X FDS	NASDAQ 100 COVER	
37954Y 49 1	GLOBAL X FDS	DAX GERMANY ETF	
37954Y 50 9	GLOBAL X FDS	SCIEN BETA JPN	
37954Y 51 7	GLOBAL X FDS	MSCI CHINA UTL	
37954Y 52 5	GLOBAL X FDS	MSCI CHINA RE	
37954Y 53 3	GLOBAL X FDS	MSCI CHINA IT	
37954Y 54 1	GLOBAL X FDS	MSCI CHINA HC	
37954Y 55 8	GLOBAL X FDS	MSCI CHINA CON	
37954Y 56 6	GLOBAL X FDS	MSCI CHINA LRG	
37954Y 57 4	GLOBAL X FDS	ADAPTIVE US	
37954Y 58 2	GLOBAL X FDS	TRGTINCM 5 ETF	
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 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	RBPCS ARTFL INTE	
37954Y 90 5	GLOBAL X FDS	CALL	
37954Y 95 5	GLOBAL X FDS	PUT	
37954Y 73 1	GLOBAL X FDS	CONSCIOUS COS	
37954Y 76 4	GLOBAL X FDS	MILL THEMCO ETF	

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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	
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	DELETED
379887 50 8	GLOWPOINT INC	COM	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
380956 90 9	GOLDCORP INC NEW	CALL	DELETED
380956 95 9	GOLDCORP INC NEW	PUT	DELETED
381013 10 1 *	GOLDEN ENTMT INC	COM	
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	ADDED
38119T 80 7 *	GOLDEN STAR RES LTD CDA	COM	
38119T 90 7	GOLDEN STAR RES LTD CDA	CALL	
38119T 95 7	GOLDEN STAR RES LTD CDA	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 23 0	GOLDMAN SACHS ETF TR	ACES ULTRA SHR	ADDED
381430 25 5	GOLDMAN SACHS ETF TR	MOTIF NEW AGE	
381430 27 1	GOLDMAN SACHS ETF TR	MOTIF MANUF RE	
381430 29 7	GOLDMAN SACHS ETF TR	MOTIF HUMAN EV	
381430 30 5	GOLDMAN SACHS ETF TR	ACTIVEBETA EUR	
381430 32 1	GOLDMAN SACHS ETF TR	MOTIF FIN REIM	
381430 34 7	GOLDMAN SACHS ETF TR	MOTIF DATA DRIVN	
381430 36 2	GOLDMAN SACHS ETF TR	ACCESS INFLATI	
381430 39 6 *	GOLDMAN SACHS ETF TR	JUST US LRG CP	
381430 90 6	GOLDMAN SACHS ETF TR	CALL	
381430 95 6	GOLDMAN SACHS ETF TR	PUT	
381430 40 4	GOLDMAN SACHS ETF TR	ACTIVEBETA JAP	
381430 43 8 *	GOLDMAN SACHS ETF TR	EQUAL WEIGHT US	
381430 90 8	GOLDMAN SACHS ETF TR	CALL	
381430 95 8	GOLDMAN SACHS ETF TR	PUT	
381430 45 3 *	GOLDMAN SACHS ETF TR	ACCESS HIG YLD	
381430 90 3	GOLDMAN SACHS ETF TR	CALL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
381430 60 2	GOLDMAN SACHS ETF TR	ACTIVEBETA US	
38144L 85 2	GOLDMAN SACHS GROUP INC	SP ENHCMD37ETN	
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	DELETED
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	
38268I AA 5	GOPRO INC	NOTE 3.500% 4/1	DELETED
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	GORES HOLDINGS III INC	CLASS A	
38286G 11 7	GORES HOLDINGS III INC	*W EXP 09/11/202	
38286G 20 8	GORES HOLDINGS III INC	UNIT 09/07/2024	
382872 10 9	GORES METROPOULOS INC	COM CL A	
382872 11 7	GORES METROPOULOS INC	*W EXP 01/28/202	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
382872 20 8	GORES METROPOULOS INC	UNIT 99/99/9999	
383082 10 4 *	GORMAN RUPP CO	COM	
383082 90 4	GORMAN RUPP CO	CALL	
383082 95 4	GORMAN RUPP CO	PUT	
38341P 10 2 *	GOSSAMER BIO INC	COM	
38341P 90 2	GOSSAMER BIO INC	CALL	
38341P 95 2	GOSSAMER BIO INC	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	
384278 11 5	GRAF INDL CORP	*W EXP 12/31/202	
384278 20 6	GRAF INDL CORP	UNIT 12/31/2025	
384313 50 8 *	GRAFTECH INTL LTD	COM	
384313 90 8	GRAFTECH INTL LTD	CALL	
384313 95 8	GRAFTECH INTL LTD	PUT	
384556 10 6 *	GRAHAM CORP	COM	
384556 90 6	GRAHAM CORP	CALL	
384556 95 6	GRAHAM CORP	PUT	
384637 10 4	GRAHAM HLDGS CO	COM	
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	
38526M 10 6 *	GRAND CANYON ED INC	COM	
38526M 90 6	GRAND CANYON ED INC	CALL	
38526M 95 6	GRAND CANYON ED INC	PUT	

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387328 10 7 *	GRANITE CONSTR INC	COM	
387328 90 7	GRANITE CONSTR INC	CALL	
387328 95 7	GRANITE CONSTR INC	PUT	
38741L AC 1	GRANITE PT MTG TR INC	NOTE 6.375%10/0	
38741L 10 7 *	GRANITE PT MTG TR INC	COM	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
39115V 10 1 *	GREAT PANTHER MINING LIMITED	COM	
39115V 90 1	GREAT PANTHER MINING LIMITED	CALL	
39115V 95 1	GREAT PANTHER MINING LIMITED	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	
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	
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	
395330 10 3 *	GREENLANE HLDGS INC	CL A	ADDED
395330 90 3	GREENLANE HLDGS INC	CALL	ADDED
395330 95 3	GREENLANE HLDGS INC	PUT	ADDED
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	

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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	
39874R 10 1	GROCERY OUTLET HLDG CORP	COM	ADDED
398905 10 9 *	GROUP 1 AUTOMOTIVE INC	COM	
398905 90 9	GROUP 1 AUTOMOTIVE INC	CALL	
398905 95 9	GROUP 1 AUTOMOTIVE INC	PUT	
399473 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	SPONSORED ADR	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
40052B 90 7	GTX INC DEL	CALL	DELETED
40052B 95 7	GTX INC DEL	PUT	DELETED
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	
40065W 90 7	GUANGSHEN RY LTD	CALL	
40065W 95 7	GUANGSHEN RY LTD	PUT	
400764 10 6	GUARANTY BANCSHARES INC TEX	COM	
40108P 10 1	GUARANTY FED BANCSHARES INC	COM	
40131M 10 9 *	GUARDANT HEALTH INC	COM	
40131M 90 9	GUARDANT HEALTH INC	CALL	
40131M 95 9	GUARDANT HEALTH INC	PUT	
40145Q 20 3	GUARDION HEALTH SCIENCES INC	COM NEW	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
40251W 90 9	GULF RESOURCES INC	CALL	
40251W 95 9	GULF RESOURCES INC	PUT	
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	
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	SPONSORED ADS	
40415F 90 1	HDFC BANK LTD	CALL	
40415F 95 1	HDFC BANK LTD	PUT	
40416E AD 5	HCI GROUP INC	NOTE 4.250% 3/0	
40416E 10 3 *	HCI GROUP INC	COM	
40416E 90 3	HCI GROUP INC	CALL	
40416E 95 3	HCI GROUP INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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40537Q 11 8	HALCON RES CORP	*W EXP 09/09/202	
40537Q 60 5 *	HALCON RES CORP	COM	
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	
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	DELETED
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 PREMUIIM 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	

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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	
410867 10 5 *	HANOVER INS GROUP INC	COM	
410867 90 5	HANOVER INS GROUP INC	CALL	
410867 95 5	HANOVER INS GROUP INC	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	
41358P 10 6	HARPOON THERAPEUTICS INC	COM	
413875 10 5 *	HARRIS CORP DEL	COM	
413875 90 5	HARRIS CORP DEL	CALL	
413875 95 5	HARRIS CORP DEL	PUT	
415858 10 9 *	HARROW HEALTH INC	COM	
415858 90 9	HARROW HEALTH INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
415858 95 9	HARROW HEALTH INC	PUT	
415864 10 7 *	HARSCO CORP	COM	
415864 90 7	HARSCO CORP	CALL	
415864 95 7	HARSCO CORP	PUT	
416196 20 2 *	HARTE-HANKS INC	COM	
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	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
420261 95 9	HAWKINS INC	PUT	
420476 10 3	HAWTHORN BANCSHARES INC	COM	
42087L 20 0	HAYMAKER ACQUISITION CORP II	UNIT 10/31/2026	ADDED
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	
42207L 10 6	HEADHUNTER GROUP PLC	SPONSORED ADS	ADDED
42222N 10 3 *	HEALTHSTREAM INC	COM	
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	
42227C 10 2	HEALTH SCIENCES ACQUSTN CORP	COM	ADDED
42227C 11 0	HEALTH SCIENCES ACQUSTN CORP	*W EXP 04/01/202	ADDED
42227C 20 1	HEALTH SCIENCES ACQUSTN CORP	UNIT 04/01/2024	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
42328H 10 9 *	HELIOS TECHNOLOGIES INC	COM	ADDED
42328H 90 9	HELIOS TECHNOLOGIES INC	CALL	ADDED
42328H 95 9	HELIOS TECHNOLOGIES INC	PUT	ADDED
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	DELETED
42366C 50 9	HEMISPHERX BIOPHARMA INC	COM NEW	ADDED
425885 10 0	HENNESSY ADVISORS INC	COM	
42589C 10 4	HENNESSY CAP ACQUSTION CORP	CL A COM	ADDED
42589C 11 2	HENNESSY CAP ACQUSTION CORP	*W EXP 09/05/202	ADDED
42589C 20 3	HENNESSY CAP ACQUSTION CORP	UNIT 99/99/9999	
426281 10 1 *	HENRY JACK & ASSOC INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
42703M AD 5	HERBALIFE LTD	NOTE 2.625% 3/1	
42704L 10 4 *	HERC HLDGS INC	COM	
42704L 90 4	HERC HLDGS INC	CALL	
42704L 95 4	HERC HLDGS INC	PUT	
427096 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	
42726M 95 6	HERITAGE CRYSTAL CLEAN INC	PUT	
42727J AB 8	HERITAGE INS HLDGS INC	NOTE 5.875% 8/0	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
42806J 11 4	HERTZ GLOBAL HLDGS INC	RIGHT 07/12/2019	ADDED
42809H 10 7 *	HESS CORP	COM	
42809H 90 7	HESS CORP	CALL	
42809H 95 7	HESS CORP	PUT	
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	
428304 10 9 *	HEXO CORP	COM	
428304 90 9	HEXO CORP	CALL	
428304 95 9	HEXO CORP	PUT	
428337 10 9 *	HI CRUSH INC	COM	
428337 90 9	HI CRUSH INC	CALL	
428337 95 9	HI CRUSH INC	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 INCOME FUND	HIGHLAND INCOME	
43010T 10 4	HIGHLAND GLOBAL ALLOCATION F	COM	
430101 77 4 *	HIGHLAND FDS I	HI LD IBOXX SRLN	
430101 90 4	HIGHLAND FDS I	CALL	
430101 95 4	HIGHLAND FDS I	PUT	
43113X 10 1 *	HIGHPOWER INTL INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
431466 90 1	HILL INTERNATIONAL INC	CALL	
431466 95 1	HILL INTERNATIONAL INC	PUT	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
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	DELETED
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	
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	
439038 10 0 *	HOOKER FURNITURE CORP	COM	
439038 90 0	HOOKER FURNITURE CORP	CALL	
439038 95 0	HOOKER FURNITURE CORP	PUT	
43906K 10 0	HOOKIPA PHARMA INC	COM	ADDED
43940T AB 5	HOPE BANCORP INC	NOTE 2.000% 5/1	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44109J 11 4	HOSTESS BRANDS INC	*W EXP 11/04/202	
44148G 10 5	HOTH THERAPEUTICS INC	COM	
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 40 1 *	HOVNIANIAN ENTERPRISES INC	CL A NEW	
442487 90 1	HOVNIANIAN ENTERPRISES INC	CALL	
442487 95 1	HOVNIANIAN ENTERPRISES INC	PUT	
442496 10 5	HOWARD BANCORP INC	COM	
44267D 10 7 *	HOWARD HUGHES CORP	COM	
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	
44331K 90 3	HUAMI CORP	CALL	
44331K 95 3	HUAMI CORP	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
443787 90 6	HUDSON GLOBAL INC	CALL	DELETED
443787 95 6	HUDSON GLOBAL INC	PUT	DELETED
443787 20 5	HUDSON GLOBAL INC	COM NEW	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
448947 90 7	IDT CORP	CALL	
448947 95 7	IDT CORP	PUT	
44916T 10 7 *	HYRECAR INC	COM	
44916T 90 7	HYRECAR INC	CALL	
44916T 95 7	HYRECAR INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
44925C 90 3	ICF INTL INC	CALL	
44925C 95 3	ICF INTL INC	PUT	
449253 10 3	IAA INC	COM	ADDED
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	
44967K 10 4	IMAC HLDGS INC	COM	
44967K 11 2	IMAC HLDGS INC	*W EXP 02/12/202	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45033E 10 5	ITAU CORPBANCA	SPONSORED ADR	
45073V 10 8 *	ITT INC	COM	
45073V 90 8	ITT INC	CALL	
45073V 95 8	ITT INC	PUT	
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 5.75% 8/1	
451055 30 5 *	ICONIX BRAND GROUP INC	COM NEW	
451055 90 5	ICONIX BRAND GROUP INC	CALL	
451055 95 5	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	
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	
45166A 10 2	IDEAYA BIOSCIENCES INC	COM	ADDED
45166V 10 6 *	IDEANOMICS INC	COM	
45166V 90 6	IDEANOMICS INC	CALL	
45166V 95 6	IDEANOMICS INC	PUT	
45167R 10 4 *	IDEX CORP	COM	
45167R 90 4	IDEX CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
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	
45245E 10 9 *	IMAX CORP	COM	
45245E 90 9	IMAX CORP	CALL	
45245E 95 9	IMAX CORP	PUT	
4525EP 10 1 *	IMMUNIC INC	COM	ADDED
4525EP 90 1	IMMUNIC INC	CALL	ADDED
4525EP 95 1	IMMUNIC INC	PUT	ADDED
45252L 10 3 *	IMMUNE DESIGN CORP	COM	DELETED
45252L 90 3	IMMUNE DESIGN CORP	CALL	DELETED
45252L 95 3	IMMUNE DESIGN CORP	PUT	DELETED
452521 10 7 *	IMMERSION CORP	COM	
452521 90 7	IMMERSION CORP	CALL	
452521 95 7	IMMERSION CORP	PUT	
452525 30 6	IMMUCELL CORP	COM PAR	
45253H AB 7	IMMUNOGEN INC	NOTE 4.500% 7/0	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45253H 10 1 *	IMMUNOGEN INC	COM	
45253H 90 1	IMMUNOGEN INC	CALL	
45253H 95 1	IMMUNOGEN INC	PUT	
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
45408X 90 8	INDIA GLOBALIZATION CAP INC	CALL	
45408X 95 8	INDIA GLOBALIZATION CAP INC	PUT	
454089 10 3 *	INDIA FD INC	COM	
454089 90 3	INDIA FD INC	CALL	
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	
45409B 36 2	INDEXIQ ETF TR	IQ 500 INT ETF	
45409B 38 8	INDEXIQ ETF TR	IQ CHAIKIN US	
45409B 39 6	INDEXIQ ETF TR	IQ CHAIKIN US	
45409B 40 4	INDEXIQ ETF TR	HDG EVE DRIV	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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 *	INFRAREIT INC	COM	DELETED
45685L 90 0	INFRAREIT INC	CALL	DELETED
45685L 95 0	INFRAREIT INC	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 85 3	INSPIREMD INC	COM	ADDED
45779A 86 1	INSPIREMD INC	COM PAR	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45781U 95 3	INSTRUCTURE INC	PUT	
45781V 10 1 *	INNOVATIVE INDL PPTYS INC	COM	
45781V 90 1	INNOVATIVE INDL PPTYS INC	CALL	
45781V 95 1	INNOVATIVE INDL PPTYS INC	PUT	
45781W 10 9	INSIGHT SELECT INCOME FD	COM	
45782B 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 30 0	INNOVATOR ETFS TR	S&P 500 ULTRA	
45782C 40 9	INNOVATOR ETFS TR	S&P 500 BUFFER	
45782C 50 8	INNOVATOR ETFS TR	S&P 500 POWER	
45782C 73 0	INNOVATOR ETFS TR	S&P 500 ULTRA	ADDED
45782C 74 8	INNOVATOR ETFS TR	S&P 500 PWR BU	ADDED
45782C 75 5	INNOVATOR ETFS TR	S&P 500 BUFFER	ADDED
45782C 76 3	INNOVATOR ETFS TR	IBD BREAKOUT	
45782C 77 1	INNOVATOR ETFS TR	S&P 500 BUFETF	
45782C 78 9	INNOVATOR ETFS TR	S&P 500 BUFFER	
45782C 79 7	INNOVATOR ETFS TR	S&P 500 PWRETF	
45782C 80 5	INNOVATOR ETFS TR	S&P 500 ULTRA	ADDED
45782C 81 3	INNOVATOR ETFS TR	S&P 500 PWR	
45782C 82 1	INNOVATOR ETFS TR	S&P 500 ULTRA	
45782C 83 9	INNOVATOR ETFS TR	S&P 500 ULTRA	
45782C 86 2	INNOVATOR ETFS TR	LOUP FRONTIER	
45782C 87 0	INNOVATOR ETFS TR	S&P 500 PWR BU	ADDED
45782C 88 8	INNOVATOR ETFS TR	S&P 500 BUFFER	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
45782T 10 5	INMUNE BIO 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 AH 4	INSULET CORP	NOTE 1.375%11/1	ADDED
45784P 10 1 *	INSULET CORP	COM	
45784P 90 1	INSULET CORP	CALL	
45784P 95 1	INSULET CORP	PUT	
457867 10 9	INSURANCE ACQUISITION CORP	CL A	ADDED
457867 11 7	INSURANCE ACQUISITION CORP	*W EXP 03/31/202	ADDED
457867 30 7	INSURANCE ACQUISITION CORP	UNIT 03/31/2024	
45790J 50 3	INPIXON	COM	
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	DELETED
458118 10 6 *	INTEGRATED DEVICE TECHNOLOGY	COM	DELETED
458118 90 6	INTEGRATED DEVICE TECHNOLOGY	CALL	DELETED
458118 95 6	INTEGRATED DEVICE TECHNOLOGY	PUT	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	
45817G 90 1	INTELLICHECK INC	CALL	
45817G 95 1	INTELLICHECK INC	PUT	
45824V 20 9 *	INSYS THERAPEUTICS INC NEW	COM NEW	DELETED
45824V 90 9	INSYS THERAPEUTICS INC NEW	CALL	DELETED
45824V 95 9	INSYS THERAPEUTICS INC NEW	PUT	DELETED
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	

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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 AB 4	INTERCEPT PHARMACEUTICALS IN	NOTE 2.000% 5/1	ADDED
45845P 10 8 *	INTERCEPT PHARMACEUTICALS IN	COM	
45845P 90 8	INTERCEPT PHARMACEUTICALS IN	CALL	
45845P 95 8	INTERCEPT PHARMACEUTICALS IN	PUT	
45857P 80 6 *	INTERCONTINENTAL HOTELS GROU	SPONSORED ADS	
45857P 90 6	INTERCONTINENTAL HOTELS GROU	CALL	
45857P 95 6	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	
458685 10 4	INTERGROUP CORP	COM	
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	

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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	
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	DELETED
46059T 90 9	INTERNET INITIATIVE JAPAN IN	CALL	DELETED
46059T 95 9	INTERNET INITIATIVE JAPAN IN	PUT	DELETED
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	
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 70 5 *	INVESCO ACTIVELY MANAGD ETF	S&P500 DOWNSID	
46090A 90 5	INVESCO ACTIVELY MANAGD ETF	CALL	

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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	
461147 10 0	INTEST CORP	COM	
461148 10 8 *	INTEVAC INC	COM	
461148 90 8	INTEVAC INC	CALL	
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	

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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	
46122I AA 4	INTREXON CORPORATION	NOTE 3.500% 7/0	DELETED
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	
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	

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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 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	
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	

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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	
46137V 42 3	INVESCO EXCHANGE	TRADED FD T S&P 500 VLU MOMN	
46137V 43 1	INVESCO EXCHANGE	TRADED FD T S&P 500 GARP ETF	
46137V 44 9	INVESCO EXCHANGE	TRADED FD T S&P 100 EQL WIGH	
46137V 45 6	INVESCO EXCHANGE	TRADED FD T S&P MDCP VLU MNT	
46137V 46 4	INVESCO EXCHANGE	TRADED FD T S&P MDCP MOMNTUM	
46137V 47 2	INVESCO EXCHANGE	TRADED FD T S&P MDCP QUALITY	
46137V 48 0	INVESCO EXCHANGE	TRADED FD T S&P SMCP VLU MNT	
46137V 49 8	INVESCO EXCHANGE	TRADED FD T S&P SMLCP MOMENT	
46137V 50 6 *	INVESCO EXCHANGE	TRADED FD T DIVID ACHIEVEV	
46137V 90 6	INVESCO EXCHANGE	TRADED FD T CALL	
46137V 95 6	INVESCO EXCHANGE	TRADED FD T PUT	
46137V 52 2	INVESCO EXCHANGE	TRADED FD T RYMND JMS SB 1	
46137V 53 0 *	INVESCO EXCHANGE	TRADED FD T NASDAQ INTERNET	
46137V 90 0	INVESCO EXCHANGE	TRADED FD T CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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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	
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	

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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	
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	
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 33 9	INVESCO EXCHNG TRADED FD TR	S&P 500 MOMNTM	
46138E 34 7	INVESCO EXCHNG TRADED FD TR	S&P500 MIN VAR	

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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	
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 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	

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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 ETF	
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	
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 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 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 80 0	INVESCO EXCHNG	TRADED FD TR CHINA TECHNLOGY	
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	

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46138E 90 2	INVESCO EXCHNG	TRADED FD TR CALL	
46138E 95 2	INVESCO EXCHNG	TRADED FD TR PUT	
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	
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	
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 65 6	INVESCO EXCHNG	TRADED FD TR S&P ULTRA DIVIDE	ADDED
46138G 66 4 *	INVESCO EXCHNG	TRADED FD TR S&P SMALLCAP 600	ADDED
46138G 90 4	INVESCO EXCHNG	TRADED FD TR CALL	ADDED
46138G 95 4	INVESCO EXCHNG	TRADED FD TR PUT	ADDED
46138G 67 2 *	INVESCO EXCHNG	TRADED FD TR S&P MDCP 400 REV	ADDED
46138G 90 2	INVESCO EXCHNG	TRADED FD TR CALL	ADDED
46138G 95 2	INVESCO EXCHNG	TRADED FD TR PUT	ADDED
46138G 68 0	INVESCO EXCHNG	TRADED FD TR S&P FINCIAL REVE	ADDED
46138G 69 8 *	INVESCO EXCHNG	TRADED FD TR S&P 500 REVENUE	ADDED
46138G 90 8	INVESCO EXCHNG	TRADED FD TR CALL	ADDED
46138G 95 8	INVESCO EXCHNG	TRADED FD TR PUT	ADDED
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 71 4	INVESCO EXCHNG	TRADED FD TR RUSL 1000 YIEL	ADDED
46138G 72 2	INVESCO EXCHNG	TRADED FD TR RUSL 1000 VALU	ADDED

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46138G 73 0	INVESCO EXCHNG TRADED FD TR	RUSL 1000 SIZE	ADDED
46138G 74 8	INVESCO EXCHNG TRADED FD TR	RUSL 1000 QTLY	ADDED
46138G 75 5	INVESCO EXCHNG TRADED FD TR	RUSL 1000 MOMT	ADDED
46138G 76 3	INVESCO EXCHNG TRADED FD TR	RUSL 1000 LOW	ADDED
46138G 77 1	INVESCO EXCHNG TRADED FD TR	CINTL ULTR DVD R	ADDED
46138G 78 9	INVESCO EXCHNG TRADED FD TR	INTERNATNL REV	ADDED
46138G 79 7	INVESCO EXCHNG TRADED FD TR	GLOBAL REV	ADDED
46138G 80 5	INVESCO EXCHNG TRADED FD TR	TAXABLE MUN BD	
46138G 81 3	INVESCO EXCHNG TRADED FD TR	GLOBAL ESG ETF	ADDED
46138G 82 1	INVESCO EXCHNG TRADED FD TR	EMERGING MKTS	ADDED
46138G 83 9	INVESCO EXCHNG TRADED FD TR	EMERGING MKT	ADDED
46138G 84 7	INVESCO EXCHNG TRADED FD TR	GBL CLEAN ENRG	
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 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 59 3	INVESCO EXCH TRD SLF IDX FD	RUSL 2000 DYNM	ADDED
46138J 60 1	INVESCO EXCH TRD SLF IDX FD	BULSHS 2020 HY	
46138J 61 9	INVESCO EXCH TRD SLF IDX FD	RUSL 1000 DYNM	ADDED
46138J 62 7	INVESCO EXCH TRD SLF IDX FD	ESG REV ETF	ADDED
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	
46138J 66 8	INVESCO EXCH TRD SLF IDX FD	BULLSHS 23 USD	
46138J 67 6	INVESCO EXCH TRD SLF IDX FD	BULLSHS 22 USD	
46138J 68 4	INVESCO EXCH TRD SLF IDX FD	BULLSHS 21 USD	
46138J 69 2	INVESCO EXCH TRD SLF IDX FD	RAFI STRG EMMRKT	
46138J 70 0	INVESCO EXCH TRD SLF IDX FD	BULSHS 2021 CB	
46138J 71 8	INVESCO EXCH TRD SLF IDX FD	RAFI STRG DVELOP	
46138J 72 6	INVESCO EXCH TRD SLF IDX FD	RAFI STRG US ETF	

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46138J 73 4	INVESCO EXCH TRD SLF IDX FD	RAFI STRG US SML	
46138J 74 2	INVESCO EXCH TRD SLF IDX FD	RAFI STRATGIC US	
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	
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 SNGPORE DL	SINGAPORE DLR	

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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	
46139W 88 2	INVESCO EXCHNG TRAD SLF INDE	MLT FCTR DEFSV	
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	
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	

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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	
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 50 9 *	INVESTORS REAL ESTATE TR	SH BEN INT	
461730 90 9	INVESTORS REAL ESTATE TR	CALL	
461730 95 9	INVESTORS REAL ESTATE TR	PUT	
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	
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	
46263D 10 6	IPIC ENTMT INC	COM CL A	
46266A 10 9	IRADIMED CORP	COM	
46266C 10 5 *	IQVIA HLDGS INC	COM	

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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	DELETED
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	
46333X 10 8 *	IRONWOOD PHARMACEUTICALS INC	COM CL A	
46333X 90 8	IRONWOOD PHARMACEUTICALS INC	CALL	
46333X 95 8	IRONWOOD PHARMACEUTICALS INC	PUT	
46333X 11 6	IRONWOOD PHARMACEUTICALS INC	EX DISTRIBUTIN	DELETED
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	

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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 90 0	ISHARES INC	CALL	
464286 95 0	ISHARES INC	PUT	
464286 25 1 *	ISHARES INC	JP MRG EM CRP BD	
464286 90 1	ISHARES INC	CALL	
464286 95 1	ISHARES INC	PUT	
464286 28 5	ISHARES INC	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	
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	

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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	
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	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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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	
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	

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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	
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	

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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	
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	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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464288 90 3	ISHARES TR	CALL	
464288 95 3	ISHARES TR	PUT	
464288 66 1 *	ISHARES TR	3 7 YR TREAS BD	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 67 9 *	ISHARES TR	SHORT TREAS BD	
464288 90 9	ISHARES TR	CALL	
464288 95 9	ISHARES TR	PUT	
464288 68 7 *	ISHARES TR	PFD AND INCM SEC	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 69 5 *	ISHARES TR	GLOBAL MATER ETF	
464288 90 5	ISHARES TR	CALL	
464288 95 5	ISHARES TR	PUT	
464288 70 3	ISHARES TR	MRNING SM CP ETF	
464288 71 1 *	ISHARES TR	GLOB UTILITS ETF	
464288 90 1	ISHARES TR	CALL	
464288 95 1	ISHARES TR	PUT	
464288 72 9	ISHARES TR	GLOB INDSTRL ETF	
464288 73 7 *	ISHARES TR	GLB CNSM STP ETF	
464288 90 7	ISHARES TR	CALL	
464288 95 7	ISHARES TR	PUT	
464288 74 5	ISHARES TR	GLB CNS DISC ETF	
464288 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	

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

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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	
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 INDONESIA ETF	
46429B 90 9	ISHARES TR	CALL	
46429B 95 9	ISHARES TR	PUT	
46429B 33 3	ISHARES TR	GNMA BOND ETF	
46429B 36 6	ISHARES TR	CMBS ETF	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 HLTGR	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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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 13 5 *	ISHARES TR	CYBERSECURITY	ADDED
46435U 90 5	ISHARES TR	CALL	ADDED
46435U 95 5	ISHARES TR	PUT	ADDED
46435U 14 3	ISHARES TR	EDGE MSCI MULT	ADDED
46435U 15 0	ISHARES TR	IBONDS 23 TRM HG	ADDED
46435U 16 8	ISHARES TR	IBONDS 25 TRM HG	ADDED
46435U 17 6	ISHARES TR	IBONDS 22 TRM HG	ADDED
46435U 18 4	ISHARES TR	IBONDS 24 TRM HG	ADDED
46435U 19 2 *	ISHARES TR	GENOMICS IMMUN	ADDED
46435U 90 2	ISHARES TR	CALL	ADDED
46435U 95 2	ISHARES TR	PUT	ADDED
46435U 21 8	ISHARES TR	ESG MSCI LEADR	ADDED
46435U 22 6	ISHARES TR	IBONDS 21 TRM HG	ADDED
46435U 25 9	ISHARES TR	IBONDS DEC 26	ADDED
46435U 28 3	ISHARES TR	IBONDS DEC 27	ADDED
46435U 32 5	ISHARES TR	IBONDS DEC 28	ADDED
46435U 33 3	ISHARES TR	FOCUSD VAL FAC	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
46435U 36 6	ISHARES TR	SELF DRIVNG EV	ADDED
46435U 37 4	ISHARES TR	MSCI JP VALUE	
46435U 38 2	ISHARES TR	MSCI JP EQU	
46435U 43 2	ISHARES TR	IBONDS DEC 25	
46435U 44 0	ISHARES TR	GBL GREEN ETF	
46435U 51 5	ISHARES TR	IBDS DEC28 ETF	
46435U 54 9	ISHARES TR	ESG US AGR BD	
46435U 55 6 *	ISHARES TR	ROBOTICS ARTIF	
46435U 90 6	ISHARES TR	CALL	
46435U 95 6	ISHARES TR	PUT	
46435U 66 3	ISHARES TR	ESG 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	
465437 10 1	ITAMAR MED LTD	SPONSORED ADS	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
465741 95 6	ITRON INC	PUT	
46583P 10 2 *	IVERIC BIO INC	COM	ADDED
46583P 90 2	IVERIC BIO INC	CALL	ADDED
46583P 95 2	IVERIC BIO INC	PUT	ADDED
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	
46609J 90 6	J ALEXANDERS HLDGS INC	CALL	
46609J 95 6	J ALEXANDERS HLDGS INC	PUT	
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	
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	

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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 38 1	JP MORGAN EXCHANGE	TRADED FD BETABLDERS 1-5YR	
46641Q 39 9	JP MORGAN EXCHANGE	TRADED FD BETABUILDERS US	
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	
46641Q 60 5	JP MORGAN EXCHANGE	TRADED FD DIV RTN EU ETF	
46641Q 61 3	JP MORGAN EXCHANGE	TRADED FD US AGGREGATE	
46641Q 64 7	JP MORGAN EXCHANGE	TRADED FD MUNICIPAL ETF	
46641Q 65 4	JP MORGAN EXCHANGE	TRADED FD ULTRA SHT MUNCPPL	
46641Q 67 0	JP MORGAN EXCHANGE	TRADED FD CORE PLUS BD ETF	
46641Q 68 8	JP MORGAN EXCHANGE	TRADED FD BETABULDR DEVE	
46641Q 69 6	JP MORGAN EXCHANGE	TRADED FD BETABULDRS CDA	
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	

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46641Q 88 6	JP MORGAN EXCHANGE TRADED FD	DIVERSFED RTRN	
46647L 20 4	JMU LTD	SPONSORED ADS	
469814 10 7 *	JACOBS ENGR GROUP INC	COM	
469814 90 7	JACOBS ENGR GROUP INC	CALL	
469814 95 7	JACOBS ENGR GROUP INC	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	DELETED
47010C 40 9	JAGUAR HEALTH INC	COM	ADDED
47012E 10 6 *	JAKKS PAC INC	COM	
47012E 90 6	JAKKS PAC INC	CALL	
47012E 95 6	JAKKS PAC INC	PUT	
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	DELETED
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	

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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	DELETED
47632B 11 0	JENSYN ACQUISITION CORP	*W EXP 03/07/202	DELETED
47632B 12 8	JENSYN ACQUISITION CORP	RIGHT 99/99/9999	DELETED
47632B 20 1	JENSYN ACQUISITION CORP	UNIT 99/99/9999	DELETED
47632P 10 1	JERASH HLDGS US INC	COM	
476405 10 5	JERNIGAN CAP INC	COM	
477143 10 1 *	JETBLUE AWYS CORP	COM	
477143 90 1	JETBLUE AWYS CORP	CALL	
477143 95 1	JETBLUE AWYS CORP	PUT	
47733C 20 7	JEWETT CAMERON TRADING LTD	COM NEW	
47737C 10 4	JIAYIN GROUP INC	SPONSORED ADS	ADDED
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 ETF TRUST	MLTFCTR LRG CAP	
47804J 20 6	JOHN HANCOCK ETF TRUST	MULTIFACTOR MI	
47804J 30 5	JOHN HANCOCK ETF TRUST	MULTIFACTOR CO	
47804J 40 4	JOHN HANCOCK ETF TRUST	MULTIFACTOR FI	
47804J 50 3	JOHN HANCOCK ETF TRUST	MULTIFACTOR HE	
47804J 60 2	JOHN HANCOCK ETF TRUST	MULTIFACTOR TE	
47804J 70 1	JOHN HANCOCK ETF TRUST	MLTFACTOR ENRG	
47804J 80 0	JOHN HANCOCK ETF TRUST	MLTFACTR MATLS	
47804J 82 6	JOHN HANCOCK ETF TRUST	MLTDCTR MEDIA	
47804J 83 4	JOHN HANCOCK ETF TRUST	MULTIFCTR EMRNG	
47804J 84 2	JOHN HANCOCK ETF TRUST	MULTIFACTR SML	
47804J 85 9	JOHN HANCOCK ETF TRUST	MULTI INTL ETF	

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47804J 86 7	JOHN HANCOCK ETF TRUST	MLTFACTR UTILS	
47804J 87 5	JOHN HANCOCK ETF TRUST	MLTFCTR CONSMR	
47804J 88 3	JOHN HANCOCK ETF TRUST	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	
48020Q 10 7 *	JONES LANG LASALLE INC	COM	
48020Q 90 7	JONES LANG LASALLE INC	CALL	
48020Q 95 7	JONES LANG LASALLE INC	PUT	
481116 10 1 *	JOUNCE THERAPEUTICS INC	COM	
481116 90 1	JOUNCE THERAPEUTICS INC	CALL	
481116 95 1	JOUNCE THERAPEUTICS INC	PUT	
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	
48138M 10 5 *	JUMIA TECHNOLOGIES AG	SPONSORED ADS	ADDED
48138M 90 5	JUMIA TECHNOLOGIES AG	CALL	ADDED
48138M 95 5	JUMIA TECHNOLOGIES AG	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 09/09/2019	
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	
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 AB 6	KKR REAL ESTATE FIN TR INC	NOTE 6.125% 5/1	ADDED
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	
48268K 10 1 *	KT CORP	SPONSORED ADR	
48268K 90 1	KT CORP	CALL	
48268K 95 1	KT CORP	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
483347 10 0	KALEIDO BIOSCIENCES INC	COM	
483497 10 3	KALVISTA PHARMACEUTICALS INC	COM	
483548 AF 0	KAMAN CORP	NOTE 3.250% 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	
48576A 10 0	KARUNA THERAPEUTICS INC	COM	ADDED
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	
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	DELETED
48668E 90 1	KCAP FINL INC	CALL	DELETED
48668E 95 1	KCAP FINL INC	PUT	DELETED
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	
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 10 0 *	KEYW HLDG CORP	COM	DELETED
493723 90 0	KEYW HLDG CORP	CALL	DELETED
493723 95 0	KEYW HLDG CORP	PUT	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 ADS	
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	
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	DELETED
50047H 90 1	KONA GRILL INC	CALL	DELETED
50047H 95 1	KONA GRILL INC	PUT	DELETED
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	
50050N 10 3 *	KONTOOR BRANDS INC	COM	ADDED
50050N 90 3	KONTOOR BRANDS INC	CALL	ADDED
50050N 95 3	KONTOOR BRANDS INC	PUT	ADDED
50060P 10 6 *	KOPPERS HOLDINGS INC	COM	
50060P 90 6	KOPPERS HOLDINGS INC	CALL	
50060P 95 6	KOPPERS HOLDINGS INC	PUT	
500600 10 1 *	KOPIN CORP	COM	
500600 90 1	KOPIN CORP	CALL	
500600 95 1	KOPIN CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	COM NEW	
500643 90 0	KORN FERRY	CALL	
500643 95 0	KORN FERRY	PUT	
500688 10 6 *	KOSMOS ENERGY LTD	COM	
500688 90 6	KOSMOS ENERGY LTD	CALL	
500688 95 6	KOSMOS ENERGY LTD	PUT	
500692 10 8	KOSS CORP	COM	
500754 10 6 *	KRAFT HEINZ CO	COM	
500754 90 6	KRAFT HEINZ CO	CALL	
500754 95 6	KRAFT HEINZ CO	PUT	
500767 20 7	KRANESHARES TR	CICC CHINA 100	
500767 30 6 *	KRANESHARES TR	CSI CHI INTERNET	
500767 90 6	KRANESHARES TR	CALL	
500767 95 6	KRANESHARES TR	PUT	
500767 40 5 *	KRANESHARES TR	BOSERA MSCI CH	
500767 90 5	KRANESHARES TR	CALL	
500767 95 5	KRANESHARES TR	PUT	
500767 70 2	KRANESHARES TR	CHIN COM PAPER	
500767 71 0	KRANESHARES TR	SML CAP QTY DIVD	ADDED
500767 72 8	KRANESHARES TR	LRG CAP QTY DIVD	ADDED
500767 73 6	KRANESHARES TR	QUADRTC INT RT	ADDED
500767 76 9	KRANESHARES TR	MSCI EMG EX CH	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
50077B 20 7 *	KRATOS DEFENSE & SEC SOLUTIO	COM NEW	
50077B 90 7	KRATOS DEFENSE & SEC SOLUTIO	CALL	
50077B 95 7	KRATOS DEFENSE & SEC SOLUTIO	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
50187J 95 8	LEJU HLDGS LTD	PUT	
50187T AB 2	LGI HOMES INC	NOTE 4.250%11/1	
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 11 5	LM FDG AMER INC	*W EXP 10/31/202	
502074 30 5	LM FDG AMER INC	COM NEW	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
50218P 95 7	LSC COMMUNICATIONS INC	PUT	
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	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
512816 95 9	LAMAR ADVERTISING CO NEW	PUT	
513272 10 4 *	LAMB WESTON HLDGS INC	COM	
513272 90 4	LAMB WESTON HLDGS INC	CALL	
513272 95 4	LAMB WESTON HLDGS INC	PUT	
513847 10 3 *	LANCASTER COLONY CORP	COM	
513847 90 3	LANCASTER COLONY CORP	CALL	
513847 95 3	LANCASTER COLONY CORP	PUT	
51476X 10 5	LANCADIA HLDGS II INC	CL A	ADDED
51476X 11 3	LANCADIA HLDGS II INC	*W EXP 05/09/202	ADDED
51476X 20 4	LANCADIA HLDGS II INC	UNIT 05/09/2026	ADDED
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	

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517834 10 7 *	LAS VEGAS SANDS CORP	COM	
517834 90 7	LAS VEGAS SANDS CORP	CALL	
517834 95 7	LAS VEGAS SANDS CORP	PUT	
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	
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 AD 6	LAYNE CHRISTENSEN CO	NOTE 8.000% 5/0	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 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 78 6	LEGG MASON ETF INVESTMENT TR	WESTN AST SHRT	
52468L 81 0	LEGG MASON ETF INVESTMENT TR	WESTN ASET TTL	
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	DELETED
524706 90 8	LEGACY RESVS INC	CALL	DELETED
524706 95 8	LEGACY RESVS INC	PUT	DELETED
52471T AF 4	LEGACY RESERVES LP/ LEGACY F	NOTE 8.000% 9/2	DELETED
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	
524901 10 5 *	LEGG MASON INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
52736R 10 2 *	LEVI STRAUSS & CO NEW	CL A COM STK	
52736R 90 2	LEVI STRAUSS & CO NEW	CALL	
52736R 95 2	LEVI STRAUSS & CO NEW	PUT	
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	
528877 90 3	LEXINFINTECH HLDGS LTD	CALL	
528877 95 3	LEXINFINTECH HLDGS LTD	PUT	
529043 10 1 *	LEXINGTON REALTY TRUST	COM	

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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 HLDGS INC	DEB 1.000% 6/3	
53046P 10 9 *	LIBERTY EXPEDIA HLDGS INC	SER A COM	
53046P 90 9	LIBERTY EXPEDIA HLDGS INC	CALL	
53046P 95 9	LIBERTY EXPEDIA HLDGS INC	PUT	
53046P 20 8	LIBERTY EXPEDIA HLDGS INC	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	
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	

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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	
53220K AD 0	LIGAND PHARMACEUTICALS INC	NOTE 0.750% 8/1	
53220K AF 5	LIGAND PHARMACEUTICALS INC	NOTE 0.750% 5/1	ADDED
53220K 50 4 *	LIGAND PHARMACEUTICALS INC	COM NEW	
53220K 90 4	LIGAND PHARMACEUTICALS INC	CALL	
53220K 95 4	LIGAND PHARMACEUTICALS INC	PUT	
53222K 20 5 *	LIFEVANTAGE CORP	COM NEW	
53222K 90 5	LIFEVANTAGE CORP	CALL	
53222K 95 5	LIFEVANTAGE CORP	PUT	
53222Q 10 3 *	LIFETIME BRANDS INC	COM	
53222Q 90 3	LIFETIME BRANDS INC	CALL	
53222Q 95 3	LIFETIME BRANDS INC	PUT	
53223X 10 7 *	LIFE STORAGE INC	COM	
53223X 90 7	LIFE STORAGE INC	CALL	
53223X 95 7	LIFE STORAGE INC	PUT	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
53619W 10 1	LINX S A	SPONSORED ADS	ADDED
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	DELETED
53632A 20 1	LIQTECH INTL INC	COM	ADDED
53634Q 20 4	LIQUID MEDIA GROUP LTD NEW	COM NEW	
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	
53656F 30 0	LISTED FD TR	INNVATN US ETF	ADDED
53656F 40 9	LISTED FD TR	INNVTN GBL ETF	ADDED
53656F 50 8	LISTED FD TR	INNVTN TRD WAR	ADDED
53656F 70 6	LISTED FD TR	ROUNDHILL BITK	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	
53680Q 90 7	LITHIUM AMERS CORP NEW	CALL	
53680Q 95 7	LITHIUM AMERS CORP NEW	PUT	
537008 10 4 *	LITTELFUSE INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
538034 AQ 2	LIVE NATION ENTERTAINMENT IN	NOTE 2.500% 3/1	
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	
53814L 90 8	LIVENT CORP	CALL	
53814L 95 8	LIVENT CORP	PUT	
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	
53815P 90 8	LIVERAMP HLDGS INC	CALL	
53815P 95 8	LIVERAMP HLDGS INC	PUT	
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	
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	
54738L 90 9	LOVESAC COMPANY	CALL	
54738L 95 9	LOVESAC COMPANY	PUT	
548661 10 7 *	LOWES COS INC	COM	
548661 90 7	LOWES COS INC	CALL	
548661 95 7	LOWES COS INC	PUT	
549282 10 1 *	LUBYS INC	COM	
549282 90 1	LUBYS INC	CALL	
549282 95 1	LUBYS INC	PUT	
54951L 10 9 *	LUCKIN COFFEE INC	SPONSORED ADS	ADDED
54951L 90 9	LUCKIN COFFEE INC	CALL	ADDED
54951L 95 9	LUCKIN COFFEE INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
55024U 10 9 *	LUMENTUM HLDGS INC	COM	
55024U 90 9	LUMENTUM HLDGS INC	CALL	
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	
55087P 10 4 *	LYFT INC	CL A COM	
55087P 90 4	LYFT INC	CALL	
55087P 95 4	LYFT INC	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	
55262C 10 0 *	MBIA INC	COM	
55262C 90 0	MBIA INC	CALL	
55262C 95 0	MBIA INC	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 AA 0	MFA FINL INC	NOTE 6.250% 6/1	ADDED
55272X 10 2 *	MFA FINL INC	COM	

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55272X 90 2	MFA FINL INC	CALL	
55272X 95 2	MFA FINL INC	PUT	
552727 10 9	MFS CHARTER INCOME TR	SH BEN INT	
55273C 10 7	MFS INTER INCOME TR	SH BEN INT	
552737 10 8	MFS MULTIMARKET INCOME TR	SH BEN INT	
552738 10 6	MFS MUN INCOME TR	SH BEN INT	
55274E 10 2	MFS SPL VALUE TR	SH BEN INT	
55277P 10 4 *	MGE ENERGY INC	COM	
55277P 90 4	MGE ENERGY INC	CALL	
55277P 95 4	MGE ENERGY INC	PUT	
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	
55315D 10 5	MMA CAPITAL HOLDINGS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
55378G 10 2	MTBC INC	COM	
55378W 10 7	MTECH ACQUISITION CORP	COM CLASS A	DELETED
55378W 11 5	MTECH ACQUISITION CORP	*W EXP 08/01/202	DELETED
55378W 20 6	MTECH ACQUISITION CORP	UNIT 01/19/2023	DELETED
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	

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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	
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	
55910K 90 8	MAGENTA THERAPEUTICS INC	CALL	
55910K 95 8	MAGENTA THERAPEUTICS INC	PUT	
559166 10 3 *	MAGIC SOFTWARE ENTERPRISES L	ORD	
559166 90 3	MAGIC SOFTWARE ENTERPRISES L	CALL	
559166 95 3	MAGIC SOFTWARE ENTERPRISES L	PUT	
559222 40 1 *	MAGNA INTL INC	COM	
559222 90 1	MAGNA INTL INC	CALL	
559222 95 1	MAGNA INTL INC	PUT	
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	
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	
56035L 90 4	MAIN STREET CAPITAL CORP	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
56035L 95 4	MAIN STREET CAPITAL CORP	PUT	
56064K 10 0	MAINSTAY MACKAY DEFINDTRM MU	COM	
56064Y 10 0	MAINSTREET BANCSHARES INC	COM	ADDED
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 54 8	MANAGED PORTFOLIO SER	TORTOISE DIGIT	
56167N 55 5	MANAGED PORTFOLIO SER	TORTOISE CLOUD	
56167N 72 0	MANAGED PORTFOLIO SER	TORTOISE NRAM PI	
56167N 75 3	MANAGED PORTFOLIO SER	TORTOISE GBL WTR	
56170L 82 8	MANAGER DIRECTED PORTFOLIOS	IM DBI MNGD FU	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
56418H 90 0	MANPOWERGROUP INC	CALL	
56418H 95 0	MANPOWERGROUP INC	PUT	
564563 10 4 *	MANTECH INTL CORP	CL A	
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	DELETED
56585W 90 2	MARATHON PATENT GROUP INC	CALL	DELETED
56585W 95 2	MARATHON PATENT GROUP INC	PUT	DELETED
56585W 40 1 *	MARATHON PATENT GROUP INC	COM	ADDED
56585W 90 1	MARATHON PATENT GROUP INC	CALL	ADDED
56585W 95 1	MARATHON PATENT GROUP INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
57055L 90 7	MARKER THERAPEUTICS INC	CALL	
57055L 95 7	MARKER THERAPEUTICS INC	PUT	
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 VACTINS WORLDWID CO	NOTE 1.500% 9/1	
57164Y 10 7 *	MARRIOTT VACTINS WORLDWID CO	COM	
57164Y 90 7	MARRIOTT VACTINS WORLDWID CO	CALL	
57164Y 95 7	MARRIOTT VACTINS WORLDWID CO	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
573075 90 8	MARTEN TRANS LTD	CALL	
573075 95 8	MARTEN TRANS LTD	PUT	
573284 10 6 *	MARTIN MARIETTA MATLS INC	COM	
573284 90 6	MARTIN MARIETTA MATLS INC	CALL	
573284 95 6	MARTIN MARIETTA MATLS INC	PUT	
573331 10 5 *	MARTIN MIDSTREAM PRTNRS L P	UNIT L P INT	
573331 90 5	MARTIN MIDSTREAM PRTNRS L P	CALL	
573331 95 5	MARTIN MIDSTREAM PRTNRS L P	PUT	
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 INC	CL A	
57636Q 90 4	MASTERCARD INC	CALL	
57636Q 95 4	MASTERCARD INC	PUT	
57637H 10 3 *	MASTERCRAFT BOAT HLDGS INC	COM	
57637H 90 3	MASTERCRAFT BOAT HLDGS INC	CALL	
57637H 95 3	MASTERCRAFT BOAT HLDGS INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
57776F 40 5	MAVERIX METALS INC	COM NEW	ADDED
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	DELETED
577767 90 6	MAXWELL TECHNOLOGIES INC	CALL	DELETED
577767 95 6	MAXWELL TECHNOLOGIES INC	PUT	DELETED
57778K 10 5 *	MAXAR TECHNOLOGIES INC	COM	
57778K 90 5	MAXAR TECHNOLOGIES INC	CALL	
57778K 95 5	MAXAR TECHNOLOGIES INC	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
578605 10 7	MAYVILLE ENGINEERING CO INC	COM	ADDED
578877 10 2 *	MBT FINL CORP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
583928 95 6	MEDALLION FINL CORP	PUT	
58403P 10 5	MEDALIST DIVERSIFIED REIT IN	COM	
58409L 30 6	MEDEQUITIES RLTY TR INC	COM	DELETED
58463J 30 4 *	MEDICAL PPTYS TRUST INC	COM	
58463J 90 4	MEDICAL PPTYS TRUST INC	CALL	
58463J 95 4	MEDICAL PPTYS TRUST INC	PUT	
58468P 20 6 *	MEDICINOVA INC	COM NEW	
58468P 90 6	MEDICINOVA INC	CALL	
58468P 95 6	MEDICINOVA INC	PUT	
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	

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58513U 95 1	MEET GROUP INC	PUT	
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 RESORTS AND ENTMT LTD	ADR	
585464 90 0	MELCO RESORTS AND ENTMT LTD	CALL	
585464 95 0	MELCO RESORTS AND ENTMT LTD	PUT	
58549G 20 9 *	MELINTA THERAPEUTICS INC	COM NEW	
58549G 90 9	MELINTA THERAPEUTICS INC	CALL	
58549G 95 9	MELINTA THERAPEUTICS INC	PUT	
585553 10 0	MELROSE BANCORP INC	COM	
586858 10 2	MENLO THERAPEUTICS INC	COM	
58733R 10 2 *	MERCADOLIBRE INC	COM	
58733R 90 2	MERCADOLIBRE INC	CALL	
58733R 95 2	MERCADOLIBRE INC	PUT	
58734F 30 5	MERCANTIL BK HLDG CORP	CL A NEW	DELETED
58734F 40 4	MERCANTIL BK HLDG CORP	CL B NEW	DELETED
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	
589400 10 0 *	MERCURY GENL CORP NEW	COM	
589400 90 0	MERCURY GENL CORP NEW	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
589492 10 7 *	MEREO BIOPHARMA GROUP PLC	ADS	ADDED
589492 90 7	MEREO BIOPHARMA GROUP PLC	CALL	ADDED
589492 95 7	MEREO BIOPHARMA GROUP PLC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
590660 10 6	MESA RTY TR	UNIT BEN INT	
590672 10 1 *	MESABI TR	CTF BEN INT	
590672 90 1	MESABI TR	CALL	
590672 95 1	MESABI TR	PUT	
590717 10 4 *	MESOBLAST LTD	SPONS ADR	
590717 90 4	MESOBLAST LTD	CALL	
590717 95 4	MESOBLAST LTD	PUT	
59100U 10 8 *	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
59318T 10 9	MFS INTERMEDIATE HIGH INC FD	SH BEN INT	
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	DELETED
594837 90 4	MICRO FOCUS INTERNATIONAL PL	CALL	DELETED
594837 95 4	MICRO FOCUS INTERNATIONAL PL	PUT	DELETED
594837 40 3 *	MICRO FOCUS INTERNATIONAL PL	SPON ADR NEW	ADDED
594837 90 3	MICRO FOCUS INTERNATIONAL PL	CALL	ADDED
594837 95 3	MICRO FOCUS INTERNATIONAL PL	PUT	ADDED
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 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
59564R 90 4	MIDATECH PHARMA PLC	CALL	DELETED
59564R 95 4	MIDATECH PHARMA PLC	PUT	DELETED
59564R 20 3	MIDATECH PHARMA PLC	SPONSORED ADR	ADDED
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	
59935V 10 7	MILESTONE PHARMACEUTICALS IN	COM	ADDED
600379 10 1	MILLER HOWARD HIGH INC EQTY	COM SHS BEN IN	
60040X 10 3 *	MILLENDO THERAPEUTICS INC	COM	
60040X 90 3	MILLENDO THERAPEUTICS INC	CALL	
60040X 95 3	MILLENDO THERAPEUTICS INC	PUT	
600544 10 0 *	MILLER HERMAN INC	COM	
600544 90 0	MILLER HERMAN INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
602675 10 0 *	MINDRAY MEDICAL INTL LTD	SPON ADR	DELETED
602675 90 0	MINDRAY MEDICAL INTL LTD	CALL	DELETED
602675 95 0	MINDRAY MEDICAL INTL LTD	PUT	DELETED
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	
604871 90 3	MISONIX INC	CALL	
604871 95 3	MISONIX INC	PUT	
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	
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	
60687Y 10 9 *	MIZUHO FINL GROUP INC	SPONSORED ADR	
60687Y 90 9	MIZUHO FINL GROUP INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
60770K 90 7	MODERNA INC	CALL	
60770K 95 7	MODERNA INC	PUT	
607828 10 0 *	MODINE MFG CO	COM	
607828 90 0	MODINE MFG CO	CALL	
607828 95 0	MODINE MFG CO	PUT	
60786M 10 5 *	MOELIS & CO	CL A	
60786M 90 5	MOELIS & CO	CALL	
60786M 95 5	MOELIS & CO	PUT	
60800C 10 9	MOGO INC	COM	ADDED
608008 10 8	MOGO FIN TECHNOLOGY INC	COM	DELETED
608012 10 0	MOGU INC	SPON ADS	
608189 10 6	MOHAWK GROUP HLDGS INC	COM	ADDED
608190 10 4 *	MOHAWK INDS INC	COM	
608190 90 4	MOHAWK INDS INC	CALL	
608190 95 4	MOHAWK INDS INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AB 3	MOMO INC	NOTE 1.250% 7/0	ADDED
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	
609754 10 6	MONOCLE ACQUISITION CORP	COM	
609754 11 4	MONOCLE ACQUISITION CORP	*W EXP 12/06/202	
609754 20 5	MONOCLE ACQUISITION CORP	UNIT 99/99/9999	
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	
61179L 10 0 *	MONTAGE RES CORP	COM	
61179L 90 0	MONTAGE RES CORP	CALL	
61179L 95 0	MONTAGE RES CORP	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	
61744H 10 5	MORGAN STANLEY EMER MKTS DEB	COM	
61744U 10 6	MORGAN STANLEY ASIA PAC FD I	COM	DELETED
617446 44 8 *	MORGAN STANLEY	COM NEW	
617446 90 8	MORGAN STANLEY	CALL	
617446 95 8	MORGAN STANLEY	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
61775R 10 5	MORPHIC HLDG INC	COM	ADDED
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	
61946M 11 8	MOSAIC ACQUISITION CORP	*W EXP 10/23/202	
61946M 20 9	MOSAIC ACQUISITION CORP	UNIT 99/99/9999	
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	

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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	DELETED
624697 30 6	MOXIAN INC	COM	ADDED
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	
62482R 90 7	MR COOPER GROUP INC	CALL	
62482R 95 7	MR COOPER GROUP INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
628852 90 4	NCI BUILDING SYS INC	CALL	DELETED
628852 95 4	NCI BUILDING SYS INC	PUT	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
629209 30 5 *	NMI HLDGS INC	CL A	
629209 90 5	NMI HLDGS INC	CALL	
629209 95 5	NMI HLDGS INC	PUT	
62921N 10 5	NGM BIOPHARMACEUTICALS INC	COM	ADDED
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	
629375 11 4	NRC GROUP HLDGS CORP	*W EXP 10/17/202	
629377 CG 5	NRG ENERGY INC	DBCW 2.750% 6/0	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	SEYOND 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	
63886Q 95 9	NATURAL GAS SERVICES GROUP	PUT	
63888P 40 6 *	NATURAL HEALTH TRENDS CORP	COM	
63888P 90 6	NATURAL HEALTH TRENDS CORP	CALL	
63888P 95 6	NATURAL HEALTH TRENDS CORP	PUT	
63888U 10 8 *	NATURAL GROCERS BY VITAMIN C	COM	
63888U 90 8	NATURAL GROCERS BY VITAMIN C	CALL	
63888U 95 8	NATURAL GROCERS BY VITAMIN C	PUT	
638901 30 6	NAVISTAR INTL CORP	PFD SR D CONV	
638904 10 2 *	NAVIGATORS GROUP INC	COM	DELETED
638904 90 2	NAVIGATORS GROUP INC	CALL	DELETED
638904 95 2	NAVIGATORS GROUP INC	PUT	DELETED
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 20 0	NATUZZI S P A	SPON ADS	
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 AS 7	NAVISTAR INTL CORP NEW	NOTE 4.750% 4/1	DELETED
63934E 10 8 *	NAVISTAR INTL CORP NEW	COM	

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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	DELETED
63937X 90 3	NAVIDEA BIOPHARMACEUTICALS I	CALL	DELETED
63937X 95 3	NAVIDEA BIOPHARMACEUTICALS I	PUT	DELETED
63937X 20 2 *	NAVIDEA BIOPHARMACEUTICALS I	COM NEW	ADDED
63937X 90 2	NAVIDEA BIOPHARMACEUTICALS I	CALL	ADDED
63937X 95 2	NAVIDEA BIOPHARMACEUTICALS I	PUT	ADDED
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 ADS 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 70 9 *	NEONODE INC	COM PAR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
64051M 90 9	NEONODE INC	CALL	
64051M 95 9	NEONODE INC	PUT	
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	
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	
64111R 30 0	NET ELEMENT INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
64126Q 20 6 *	NEVADA GOLD & CASINOS INC	COM NEW	DELETED
64126Q 90 6	NEVADA GOLD & CASINOS INC	CALL	DELETED
64126Q 95 6	NEVADA GOLD & CASINOS INC	PUT	DELETED
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 AND ENR	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	
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	
644393 10 0	NEW FORTRESS ENERGY LLC	CL A SHS RP LLC	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
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 AB 6	NEW RELIC INC	NOTE 0.500% 5/0	ADDED
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	
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	

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649604 AD 7	NEW YORK MTG TR INC	NOTE 6.250% 1/1	
649604 50 1 *	NEW YORK MTG TR INC	COM PAR \$.02	
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	
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	DELETED
651290 90 8	NEWFIELD EXPL CO	CALL	DELETED
651290 95 8	NEWFIELD EXPL CO	PUT	DELETED
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 GOLDCORP CORPORATION	COM	
651639 90 6	NEWMONT GOLDCORP CORPORATION	CALL	
651639 95 6	NEWMONT GOLDCORP CORPORATION	PUT	
651718 AE 8	NEWPARK RES INC	NOTE 4.000%12/0	
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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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	
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	
65343E 10 8	NEXTCURE INC	COM	ADDED
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	
654106 10 3 *	NIKE INC	CL B	
654106 90 3	NIKE INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
654106 95 3	NIKE INC	PUT	
65413A 10 1	NIGHTSTAR THERAPEUTICS PLC	ADR	DELETED
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	
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	
65540B 90 5	NOODLES & CO	CALL	
65540B 95 5	NOODLES & CO	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AMERN CONSTR GROUP LTD	COM	
656811 90 6	NORTH AMERN CONSTR GROUP LTD	CALL	
656811 95 6	NORTH AMERN CONSTR GROUP LTD	PUT	
659310 10 6 *	NORTH EUROPEAN OIL RTY TR	SH BEN INT	
659310 90 6	NORTH EUROPEAN OIL RTY TR	CALL	
659310 95 6	NORTH EUROPEAN OIL RTY TR	PUT	
663904 20 9	NORTHEAST BANCORP	COM NEW	DELETED
66405S 10 0	NORTHEAST BK LEWISTON ME	COM	ADDED
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	
66538H 67 4	NORTHERN LTS FD TR IV	FORMULA FOLIOS	

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66538H 69 0	NORTHERN LTS FD TR IV	QUTX DYAMIC BT	DELETED
66538H 71 6	NORTHERN LTS FD TR IV	QUTX RSK MGDML	DELETED
66538H 73 2	NORTHERN LTS FD TR IV	QUTX RSK MNDGW	DELETED
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	
66765N 90 5	NORTHWEST NAT HLDG CO	CALL	
66765N 95 5	NORTHWEST NAT HLDG CO	PUT	
667746 10 1 *	NORTHWEST PIPE CO	COM	
667746 90 1	NORTHWEST PIPE CO	CALL	
667746 95 1	NORTHWEST PIPE CO	PUT	
668074 30 5 *	NORTHWESTERN CORP	COM NEW	
668074 90 5	NORTHWESTERN CORP	CALL	
668074 95 5	NORTHWESTERN CORP	PUT	
669549 10 7	NORWOOD FINANCIAL CORP	COM	
66979P 10 2 *	NOVA LIFESTYLE INC	COM	

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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	DELETED
670002 90 4	NOVAVAX INC	CALL	DELETED
670002 95 4	NOVAVAX INC	PUT	DELETED
670002 40 1 *	NOVAVAX INC	COM NEW	ADDED
670002 90 1	NOVAVAX INC	CALL	ADDED
670002 95 1	NOVAVAX INC	PUT	ADDED
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	
67011N 95 5	NOVUS THERAPEUTICS INC	PUT	
67011P 10 0 *	NOW INC	COM	
67011P 90 0	NOW INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67011P 95 0	NOW INC	PUT	
67012D 10 6	NOVUME SOLUTIONS INC	COM	DELETED
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	DBCW 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 AB 4	NUTANIX INC	NOTE 1/1	
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 QLTY MUN	COM	
67060P 10 0	NUVEEN NORTH CAROLINA QLTY M	COM	
67060Q 10 8	NUVEEN MISSOURI QLT MUN INC	COM	
67061E 10 4	NUVEEN MASSACHUSETTS QLT MUN	COM	
67061Q 10 7	NUVEEN MARYLAND QLT MUN INC	COM	
67061T 10 1	NUVEEN SELECT MAT MUN FD	SH BEN INT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67061W 10 4	NUVEEN ARIZONA QLTY 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 QLTY 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 QLTY MUN INC	COM	
67066G 10 4 *	NVIDIA CORP	COM	
67066G 90 4	NVIDIA CORP	CALL	
67066G 95 4	NVIDIA CORP	PUT	
67066V 10 1	NUVEEN QUALITY MUNCP 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	
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	
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	

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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	
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	
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	
67075N 90 8	NUVECTRA CORP	CALL	
67075N 95 8	NUVECTRA CORP	PUT	
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	

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67079F 10 1	NUVEEN HIGH INCOME 2023 TARG	COM	
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 09/02/201	
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	NUVEEN ENHNC YLD	
67092P 11 0	NUSHARES ETF TR	NUVEEN ENHCD 1 5	
67092P 20 1	NUSHARES ETF TR	NUVEEN ESG LRGCP	
67092P 30 0	NUSHARES ETF TR	NUVEEN ESG LRGVL	
67092P 40 9	NUSHARES ETF TR	NUVEEN ESG MIDCP	
67092P 50 8	NUSHARES ETF TR	NUVEEN ESG MIDVL	
67092P 60 7	NUSHARES ETF TR	NUVEEN ESG SMLCP	
67092P 70 6	NUSHARES ETF TR	NUVEEN SHRT TERM	
67092P 80 5	NUSHARES ETF TR	NUVEEN ESG INTL	
67092P 86 2	NUSHARES ETF TR	ESG LARGE CAP	ADDED
67092P 87 0	NUSHARES ETF TR	NUVEEN ESG US	
67092P 88 8	NUSHARES ETF TR	NUVEEN ESG EMRGN	
670928 10 0	NUVEEN MUN VALUE FD INC	COM	
670972 10 8	NUVEEN PENNSYLVANIA QLT MUN	COM	
670979 10 3	NUVEEN MICHIGAN QLT MUN INC	COM	
670980 10 1	NUVEEN OHIO QLTY MUN INCOME	COM	
670983 10 5	NUVEEN TEXAS QLTY MUN INCME	COM	
67103B 10 0	OFS CAP CORP	COM	
67103H 10 7 *	O REILLY AUTOMOTIVE INC NEW	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
67103H 90 7	O REILLY AUTOMOTIVE INC NEW	CALL	
67103H 95 7	O REILLY AUTOMOTIVE INC NEW	PUT	
67103X 10 2 *	OFB BANCORP	COM	
67103X 90 2	OFB BANCORP	CALL	
67103X 95 2	OFB 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 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 70 4	OSI ETF TR	OSHS GBL INTER	
67111Q 10 7	OFS CREDIT COMPANY INC	COM	
671807 10 5	OAK VALLEY BANCORP OAKDALE C	COM	
674001 20 1 *	OAKTREE CAP GROUP LLC	UNIT CL A	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
674482 90 4	OBSIDIAN ENERGY LTD	CALL	DELETED
674482 95 4	OBSIDIAN ENERGY LTD	PUT	DELETED
674482 20 3 *	OBSIDIAN ENERGY LTD	COM	ADDED
674482 90 3	OBSIDIAN ENERGY LTD	CALL	ADDED
674482 95 3	OBSIDIAN ENERGY LTD	PUT	ADDED
674599 10 5 *	OCCIDENTAL PETE CORP	COM	
674599 90 5	OCCIDENTAL PETE CORP	CALL	
674599 95 5	OCCIDENTAL PETE CORP	PUT	
674631 10 6	OCEAN BIO CHEM INC	COM	
674870 50 6	OCEAN PWR TECHNOLOGIES INC	COM NEW	
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 20 4 *	OCH ZIFF CPTL MANGEMNT GRP I	CL A NEW	
67551U 90 4	OCH ZIFF CPTL MANGEMNT GRP I	CALL	
67551U 95 4	OCH ZIFF CPTL MANGEMNT GRP I	PUT	
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	

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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	
67623C 10 9 *	OFFICE PPTYS INCOME TR	COM SHS BEN INT	
67623C 90 9	OFFICE PPTYS INCOME TR	CALL	
67623C 95 9	OFFICE PPTYS INCOME TR	PUT	
677719 10 6	OHIO VY BANC CORP	COM	
67778H 30 9 *	OHR PHARMACEUTICAL INC	COM	
67778H 90 9	OHR PHARMACEUTICAL INC	CALL	
67778H 95 9	OHR PHARMACEUTICAL INC	PUT	
677864 10 0	OIL DRI CORP AMER	COM	
678026 AH 8	OIL STS INTL INC	NOTE 1.500% 2/1	ADDED
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 AB 1	OKTA INC	NOTE 0.250% 2/1	
679295 10 5 *	OKTA INC	CL A	
679295 90 5	OKTA INC	CALL	
679295 95 5	OKTA INC	PUT	
679580 10 0 *	OLD DOMINION FREIGHT LINE IN	COM	
679580 90 0	OLD DOMINION FREIGHT LINE IN	CALL	
679580 95 0	OLD DOMINION FREIGHT LINE IN	PUT	
67984M 10 0	OLD LINE BANCSHARES INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
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	
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	

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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	DELETED
68234L 30 6	ONCOSEC MED INC	COM	ADDED
68234X 10 2 *	ONCOMED PHARMACEUTICALS INC	COM	DELETED
68234X 90 2	ONCOMED PHARMACEUTICALS INC	CALL	DELETED
68234X 95 2	ONCOMED PHARMACEUTICALS INC	PUT	DELETED
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	
68235C 90 7	ONCOCYTE CORPORATION	CALL	
68235C 95 7	ONCOCYTE CORPORATION	PUT	
68235P 10 8 *	ONE GAS INC	COM	
68235P 90 8	ONE GAS INC	CALL	
68235P 95 8	ONE GAS INC	PUT	
68236P 10 7 *	ONCTERNAL THERAPEUTICS INC	COM	ADDED
68236P 90 7	ONCTERNAL THERAPEUTICS INC	CALL	ADDED
68236P 95 7	ONCTERNAL THERAPEUTICS INC	PUT	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
683745 90 3	OPHTHOTECH CORP	CALL	DELETED
683745 95 3	OPHTHOTECH CORP	PUT	DELETED
68375N AB 9	OPKO HEALTH INC	DEBT 3.000% 2/0	
68375N AD 5	OPKO HEALTH INC	NOTE 4.500% 2/1	
68375N 10 3 *	OPKO HEALTH INC	COM	
68375N 90 3	OPKO HEALTH INC	CALL	
68375N 95 3	OPKO HEALTH INC	PUT	
683750 10 3	OPIANT PHARMACEUTICALS INC	COM	
683797 10 4 *	OPPENHEIMER HLDGS INC	CL A NON VTG	
683797 90 4	OPPENHEIMER HLDGS INC	CALL	
683797 95 4	OPPENHEIMER HLDGS INC	PUT	
683827 20 8	OPTICAL CABLE CORP	COM NEW	
68386C 10 4 *	OPPENHEIMER ETF TR	S&P 500 REVENUE	DELETED
68386C 90 4	OPPENHEIMER ETF TR	CALL	DELETED
68386C 95 4	OPPENHEIMER ETF TR	PUT	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
68386C 11 2	OPPENHEIMER ETF TR	RUSL 2000 DYNM	DELETED
68386C 20 3 *	OPPENHEIMER ETF TR	S&P MDCP 400 REV	DELETED
68386C 90 3	OPPENHEIMER ETF TR	CALL	DELETED
68386C 95 3	OPPENHEIMER ETF TR	PUT	DELETED
68386C 30 2 *	OPPENHEIMER ETF TR	S&P SMALLCAP 600	DELETED
68386C 90 2	OPPENHEIMER ETF TR	CALL	DELETED
68386C 95 2	OPPENHEIMER ETF TR	PUT	DELETED
68386C 40 1	OPPENHEIMER ETF TR	S&P ULTRA DIVIDE	DELETED
68386C 65 8	OPPENHEIMER ETF TR	RUSL 1000 VALU	DELETED
68386C 66 6	OPPENHEIMER ETF TR	RUSL 1000 LOW	DELETED
68386C 67 4	OPPENHEIMER ETF TR	RUSL 1000 QTLY	DELETED
68386C 68 2	OPPENHEIMER ETF TR	RUSL 1000 MOMT	DELETED
68386C 69 0	OPPENHEIMER ETF TR	RUSL 1000 SIZE	DELETED
68386C 71 6	OPPENHEIMER ETF TR	RUSL 1000 YIEL	DELETED
68386C 72 4	OPPENHEIMER ETF TR	RUSL 1000 DYNM	DELETED
68386C 73 2	OPPENHEIMER ETF TR	INTL ULTRA DIV	DELETED
68386C 74 0	OPPENHEIMER ETF TR	EMERGING MKTS	DELETED
68386C 75 7	OPPENHEIMER ETF TR	INTERNATNL REV	DELETED
68386C 76 5	OPPENHEIMER ETF TR	GLOBAL REV	DELETED
68386C 77 3	OPPENHEIMER ETF TR	ESG REV ETF	DELETED
68386C 78 1	OPPENHEIMER ETF TR	GLOBAL ESG ETF	DELETED
68386C 80 7	OPPENHEIMER ETF TR	S&P FINCIAL REVE	DELETED
68386C 86 4	OPPENHEIMER ETF TR	EMERGING MKT	DELETED
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	
68401P 40 3	OPTIMUMBANK HOLDINGS INC	COM	
68401U 20 4 *	OPTIMIZERX CORP	COM NEW	
68401U 90 4	OPTIMIZERX CORP	CALL	
68401U 95 4	OPTIMIZERX CORP	PUT	
684023 30 2	ORAGENICS INC	COM PAR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
68572N 90 4	ORCHIDS PAPER PRODS CO DEL	CALL	DELETED
68572N 95 4	ORCHIDS PAPER PRODS CO DEL	PUT	DELETED
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	
68620P 10 1 *	ORGANIGRAM HLDGS INC	COM	ADDED
68620P 90 1	ORGANIGRAM HLDGS INC	CALL	ADDED
68620P 95 1	ORGANIGRAM HLDGS INC	PUT	ADDED
68621F 10 2	ORGANOGENESIS HLDGS INC	COM	
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	
68628V 90 8	ORION GROUP HOLDINGS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
68752L 90 0	ORTHOPEDIATRICS CORP	CALL	
68752L 95 0	ORTHOPEDIATRICS CORP	PUT	
68752M 10 8 *	ORTHOFIX MED INC	COM	
68752M 90 8	ORTHOFIX MED INC	CALL	
68752M 95 8	ORTHOFIX MED INC	PUT	
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	DELETED
68827R 90 8	OSIRIS THERAPEUTICS INC NEW	CALL	DELETED
68827R 95 8	OSIRIS THERAPEUTICS INC NEW	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
689648 95 3	OTTER TAIL CORP	PUT	
69007J 10 6 *	OUTFRONT MEDIA INC	COM	
69007J 90 6	OUTFRONT MEDIA INC	CALL	
69007J 95 6	OUTFRONT MEDIA INC	PUT	
69012T 11 5	OUTLOOK THERAPEUTICS INC	*W EXP 02/18/202	
69012T 20 6	OUTLOOK THERAPEUTICS INC	COM NEW	
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
69331C 95 8	PG&E CORP	PUT	
69336V 10 1 *	PGT INNOVATIONS INC	COM	
69336V 90 1	PGT INNOVATIONS INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
69344A 40 4	PGIM ETF TR	QMA STRATEGIC	
69344A 50 3	PGIM ETF TR	QMA STRGC GWTH	
69344A 60 2	PGIM ETF TR	QMA STRGIC VAL	
69344D 40 8 *	PLDT INC	SPONSORED ADR	
69344D 90 8	PLDT INC	CALL	
69344D 95 8	PLDT INC	PUT	
69346H 10 0	PGIM HIGH YIELD BOND FUND IN	COM	
69346J 10 6	PGIM GLOBAL HIGH YIELD FD IN	COM	
69346N 10 7	PIMCO ENRGY TACTICAL CR OPP	COM SHS BEN INT	
693475 10 5 *	PNC FINL SVCS GROUP INC	COM	
693475 90 5	PNC FINL SVCS GROUP INC	CALL	
693475 95 5	PNC FINL SVCS GROUP INC	PUT	
693483 10 9 *	POSCO	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	
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	

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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	
693718 95 8	PACCAR INC	PUT	
69373Y 10 9	PUYI INC	ADS	
69374H 10 5 *	PACER FDS TR	TRENDP US LAR CP	
69374H 90 5	PACER FDS TR	CALL	
69374H 95 5	PACER FDS TR	PUT	
69374H 20 4	PACER FDS TR	TRENDP US MID CP	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
69374H 30 3	PACER FDS TR	TRENDP 100 ETF	
69374H 40 2	PACER FDS TR	US EXPORT LEAD	
69374H 65 9	PACER FDS TR	CASH COWS ETF	ADDED
69374H 66 7	PACER FDS TR	US CHS CWS GWT	ADDED
69374H 67 5	PACER FDS TR	TRENDPILOT FD	ADDED
69374H 68 3	PACER FDS TR	TRENDPILOT INTL	ADDED
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 86 5	PACER FDS TR	EMRG MKT CASH	ADDED
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	
69434K 10 6	PACIFIC GLOBAL ETF TR	US EQ INM ETF	
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 AD 2	PACIRA BIOSCIENCES	NOTE 2.375% 4/0	

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695127 10 0 *	PACIRA BIOSCIENCES	COM	
695127 90 0	PACIRA BIOSCIENCES	CALL	
695127 95 0	PACIRA BIOSCIENCES	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	
69553P 10 0 *	PAGERDUTY INC	COM	ADDED
69553P 90 0	PAGERDUTY INC	CALL	ADDED
69553P 95 0	PAGERDUTY INC	PUT	ADDED
696077 40 3	PALATIN TECHNOLOGIES INC	COM PAR \$.01	
697435 10 5 *	PALO ALTO NETWORKS INC	COM	
697435 90 5	PALO ALTO NETWORKS INC	CALL	
697435 95 5	PALO ALTO NETWORKS INC	PUT	
69753M 10 5	PALOMAR HLDGS INC	COM	ADDED
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	
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	DELETED
698814 90 0	PAPA MURPHYS HLDGS INC	CALL	DELETED
698814 95 0	PAPA MURPHYS HLDGS INC	PUT	DELETED
69888T 20 7 *	PAR PACIFIC HOLDINGS INC	COM NEW	

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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 AB 0	PARATEK PHARMACEUTICALS INC	NOTE 4.750% 5/0	ADDED
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	
69946T 90 7	PARETEUM CORP	CALL	
69946T 95 7	PARETEUM CORP	PUT	
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 50 7 *	PARKER DRILLING CO	COM	ADDED

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701081 90 7	PARKER DRILLING CO	CALL	ADDED
701081 95 7	PARKER DRILLING CO	PUT	ADDED
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	
70202L 10 2 *	PARSONS CORPORATION	COM	ADDED
70202L 90 2	PARSONS CORPORATION	CALL	ADDED
70202L 95 2	PARSONS CORPORATION	PUT	ADDED
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 AB 9	PATRICK INDS INC	DCV 1.000% 2/0	
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	

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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	
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	
70451A 10 4 *	PAYSIGN INC	COM	ADDED
70451A 90 4	PAYSIGN INC	CALL	ADDED
70451A 95 4	PAYSIGN INC	PUT	ADDED
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	
70465T 10 7 *	PDS BIOTECHNOLOGY CORP	COM	
70465T 90 7	PDS BIOTECHNOLOGY CORP	CALL	
70465T 95 7	PDS BIOTECHNOLOGY CORP	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
705163 10 3	PECK CO INC	COM	ADDED
705163 11 1	PECK CO INC	*W EXP 03/01/202	ADDED
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	
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 CORP INC	COM	
708160 90 6	PENNEY J C CORP INC	CALL	
708160 95 6	PENNEY J C CORP 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
70931T 95 3	PENNYMAC MTG INVT TR	PUT	
70932A AB 9	PENNYMAC CORP	NOTE 5.375% 5/0	
70932M 10 7 *	PENNYMAC FINL SVCS INC	COM	
70932M 90 7	PENNYMAC FINL SVCS INC	CALL	
70932M 95 7	PENNYMAC FINL SVCS INC	PUT	
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	
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 UTD FINL INC	COM	
712704 90 5	PEOPLES UTD FINL INC	CALL	
712704 95 5	PEOPLES UTD FINL 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
71377A 10 3 *	PERFORMANCE FOOD GROUP CO	COM	
71377A 90 3	PERFORMANCE FOOD GROUP CO	CALL	
71377A 95 3	PERFORMANCE FOOD GROUP CO	PUT	
71377E 10 5 *	PERFORMANT FINL CORP	COM	
71377E 90 5	PERFORMANT FINL CORP	CALL	
71377E 95 5	PERFORMANT FINL CORP	PUT	
714046 10 9 *	PERKINELMER INC	COM	
714046 90 9	PERKINELMER INC	CALL	
714046 95 9	PERKINELMER INC	PUT	
714157 20 3 *	PERMA-FIX ENVIRONMENTAL SVCS	COM NEW	
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	
715302 20 4 *	PERSHING GOLD CORP	COM NEW	DELETED
715302 90 4	PERSHING GOLD CORP	CALL	DELETED
715302 95 4	PERSHING GOLD CORP	PUT	DELETED
715347 10 0 *	PERSPECTA INC	COM	
715347 90 0	PERSPECTA INC	CALL	
715347 95 0	PERSPECTA INC	PUT	
71535D 10 6	PERSONALIS INC	COM	ADDED
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	

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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	
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	
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	

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71880W 10 5	PHIO PHARMACEUTICALS CORP	*W EXP 12/21/202	
71880W 20 4	PHIO PHARMACEUTICALS CORP	COM	
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 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	
71948P 11 8	PHUNWARE INC	*W EXP 12/26/202	
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	DELETED
720279 90 8	PIER 1 IMPORTS INC	CALL	DELETED
720279 95 8	PIER 1 IMPORTS INC	PUT	DELETED
720279 50 4 *	PIER 1 IMPORTS INC	COM NEW	ADDED
720279 90 4	PIER 1 IMPORTS INC	CALL	ADDED
720279 95 4	PIER 1 IMPORTS INC	PUT	ADDED
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	

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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	
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	

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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	
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	
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	
72352L 10 6 *	PINTEREST INC	CL A	ADDED
72352L 90 6	PINTEREST INC	CALL	ADDED
72352L 95 6	PINTEREST INC	PUT	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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
72583A 10 1	PIVOTAL ACQUISITION CORP	CL A COM	
72583A 11 9	PIVOTAL ACQUISITION CORP	*W EXP 12/01/202	
72583A 20 0	PIVOTAL ACQUISITION CORP	UNIT 12/01/2025	
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	
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 88 2	PLATINUM GROUP METALS LTD	COM	
72814N 10 4 *	PLAYAGS INC	COM	
72814N 90 4	PLAYAGS INC	CALL	
72814N 95 4	PLAYAGS INC	PUT	
729132 10 0 *	PLEXUS CORP	COM	

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729132 90 0	PLEXUS CORP	CALL	
729132 95 0	PLEXUS CORP	PUT	
72919P AB 9	PLUG POWER INC	NOTE 5.500% 3/1	ADDED
72919P 20 2 *	PLUG POWER INC	COM NEW	
72919P 90 2	PLUG POWER INC	CALL	
72919P 95 2	PLUG POWER INC	PUT	
729273 10 2	PLUMAS BANCORP	COM	
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	
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 RESOURCES A DELAWARE LP	DEPOSITRY RCPT	
733174 70 0 *	POPULAR INC	COM NEW	

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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	
736508 90 7	PORTLAND GEN ELEC CO	CALL	
736508 95 7	PORTLAND GEN ELEC CO	PUT	
73688F 10 2 *	PORTMAN RIDGE FIN CORP	COM	ADDED
73688F 90 2	PORTMAN RIDGE FIN CORP	CALL	ADDED
73688F 95 2	PORTMAN RIDGE FIN CORP	PUT	ADDED
737010 10 8 *	PORTOLA PHARMACEUTICALS INC	COM	
737010 90 8	PORTOLA PHARMACEUTICALS INC	CALL	
737010 95 8	PORTOLA PHARMACEUTICALS INC	PUT	
73740G 10 6	POSITIVE PHYSICIANS HLDGS IN	COM	ADDED
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	
73757R 10 2	POSTAL REALTY TRUST INC	CL A	ADDED
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	DELETED

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739727 90 4	PRANA BIOTECHNOLOGY LTD	CALL	DELETED
739727 95 4	PRANA BIOTECHNOLOGY LTD	PUT	DELETED
74019L 10 7	PRECIPIO INC	COM	DELETED
74019L 50 3	PRECIPIO INC	COM	ADDED
74019P 10 8	PRECISION BIOSCIENCES INC	COM	
74022D 30 8 *	PRECISION DRILLING CORP	COM 2010	
74022D 90 8	PRECISION DRILLING CORP	CALL	
74022D 95 8	PRECISION DRILLING CORP	PUT	
74033P 10 0	PRECISION THERAPEUTICS INC	COM	DELETED
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	
74039M 10 1	PREDICTIVE ONCOLOGY INC	COM	ADDED
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	
74140Y 10 1	PREVAIL THERAPEUTICS INC	COM	ADDED
74144T 10 8 *	PRICE T ROWE GROUP INC	COM	
74144T 90 8	PRICE T ROWE GROUP INC	CALL	

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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 RESOURCES CORP	COM	
74164F 10 3 *	PRIMORIS SVCS CORP	COM	
74164F 90 3	PRIMORIS SVCS CORP	CALL	
74164F 95 3	PRIMORIS SVCS CORP	PUT	
74164M 10 8 *	PRIMERICA INC	COM	
74164M 90 8	PRIMERICA INC	CALL	
74164M 95 8	PRIMERICA INC	PUT	
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	ACTV INCM ETF	
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 81 3	PRINCIPAL EXCHANGE TRADED FD	ULTRA SHT ACTV	ADDED
74255Y 82 1	PRINCIPAL EXCHANGE TRADED FD	PRNC INVT GRAD	
74255Y 83 9	PRINCIPAL EXCHANGE TRADED FD	INTL MULT FACT	DELETED
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	

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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	
74280R 20 5	PROCURE ETF TRUST II	SPACE ETF	ADDED
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	
74317H 10 5	PROFICIENT ALPHA ACQUSTN COR	COM	ADDED
74317H 11 3	PROFICIENT ALPHA ACQUSTN COR	*W EXP 04/30/202	ADDED
74317H 12 1	PROFICIENT ALPHA ACQUSTN COR	RIGHT 04/30/2026	ADDED
74317H 20 4	PROFICIENT ALPHA ACQUSTN COR	UNIT 04/30/2026	ADDED
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	

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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 12 8 *	PROSHARES TR	ULTRPRO COM SR	
74347B 90 8	PROSHARES TR	CALL	
74347B 95 8	PROSHARES TR	PUT	
74347B 13 6	PROSHARES TR	ULTRA COMM SER	
74347B 14 4 *	PROSHARES TR	ULTRPRO SHT CM	
74347B 90 4	PROSHARES TR	CALL	
74347B 95 4	PROSHARES TR	PUT	
74347B 15 1	PROSHARES TR	ULTRSHORT COMM	
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	
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	DELETED
74347B 90 9	PROSHARES TR	CALL	DELETED
74347B 95 9	PROSHARES TR	PUT	DELETED
74347B 22 7 *	PROSHARES TR	ULTSHT FT CH 50	
74347B 90 7	PROSHARES TR	CALL	
74347B 95 7	PROSHARES TR	PUT	

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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	
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	

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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	
74347B 95 4	PROSHARES TR	PUT	
74347B 72 2	PROSHARES TR	ULSHRT UTILS NEW	
74347B 73 0 *	PROSHARES TR	ULSHRT TECH NEW	DELETED
74347B 90 0	PROSHARES TR	CALL	DELETED
74347B 95 0	PROSHARES TR	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
74347G 10 1 *	PROSHARES TR	ULSHRT TECH NEW	ADDED
74347G 90 1	PROSHARES TR	CALL	ADDED
74347G 95 1	PROSHARES TR	PUT	ADDED
74347G 20 0	PROSHARES TR	ULSHRT SEMIC NEW	ADDED
74347G 30 9 *	PROSHARES TR	ULTRAPRO DOW 30	ADDED
74347G 90 9	PROSHARES TR	CALL	ADDED
74347G 95 9	PROSHARES TR	PUT	ADDED
74347G 40 8 *	PROSHARES TR	ULTRAPRO SHT QQQ	ADDED
74347G 90 8	PROSHARES TR	CALL	ADDED
74347G 95 8	PROSHARES TR	PUT	ADDED
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	
74347R 21 4 *	PROSHARES TR	PSHS ULT NASB	
74347R 90 4	PROSHARES TR	CALL	

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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	
74347R 71 9 *	PROSHARES TR	PSHS ULTRA O&G	
74347R 90 9	PROSHARES TR	CALL	

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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	
74347W 95 1	PROSHARES TR II	PUT	
74347W 24 7 *	PROSHARES TR II	ULTA BLMBG 2017	

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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	
74347W 87 4 *	PROSHARES TR II	PSH ULTRA EURO	
74347W 90 4	PROSHARES TR II	CALL	

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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	
74347X 95 5	PROSHARES TR	PUT	
74347X 82 3 *	PROSHARES TR	ULTRPRO DOW30	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
74348A 90 0	PROSHARES TR	CALL	DELETED
74348A 95 0	PROSHARES TR	PUT	DELETED
74348A 17 8 *	PROSHARES TR	ULTRAPRO DOW 30	DELETED
74348A 90 8	PROSHARES TR	CALL	DELETED
74348A 95 8	PROSHARES TR	PUT	DELETED
74348A 18 6	PROSHARES TR	ULTRPRO SHRT NEW	
74348A 19 4 *	PROSHARES TR	ULTRASHORT GOLD	
74348A 90 4	PROSHARES TR	CALL	
74348A 95 4	PROSHARES TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
74348A 90 5	PROSHARES TR	CALL	
74348A 95 5	PROSHARES TR	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AQ 5	PROSPECT CAPITAL CORPORATION	NOTE 4.750% 4/1	
74348T AR 3	PROSPECT CAPITAL CORPORATION	NOTE 4.950% 7/1	
74348T AT 9	PROSPECT CAPITAL CORPORATION	NOTE 6.375% 3/0	
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	
74368L 95 3	PROTECTIVE INS CORP	PUT	
74371L 10 9	PROTEON THERAPEUTICS INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
74374N 90 2	PROVENTION BIO INC	CALL	
74374N 95 2	PROVENTION BIO INC	PUT	
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 GRP IN	COM	
744573 90 6	PUBLIC SVC ENTERPRISE GRP IN	CALL	
744573 95 6	PUBLIC SVC ENTERPRISE GRP IN	PUT	
74460D 10 9 *	PUBLIC STORAGE	COM	
74460D 90 9	PUBLIC STORAGE	CALL	
74460D 95 9	PUBLIC STORAGE	PUT	
74584P 20 2 *	PULMATRIX INC	COM NEW	
74584P 90 2	PULMATRIX INC	CALL	
74584P 95 2	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 AB 8	PURE STORAGE INC	NOTE 0.125% 4/1	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
747301 10 9 *	QUAD / GRAPHICS INC	COM CL A	
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 AB 5	Q2 HLDGS INC	NOTE 0.750% 2/1	
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	

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74758T 90 3	QUALYS INC	CALL	
74758T 95 3	QUALYS INC	PUT	
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	DELETED
74766D 90 0	QUANTENNA COMMUNICATIONS INC	CALL	DELETED
74766D 95 0	QUANTENNA COMMUNICATIONS INC	PUT	DELETED
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	
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	
749063 10 3 *	QUMU CORP	COM	

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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	
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	
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	
749397 90 5	R1 RCM INC	CALL	
749397 95 5	R1 RCM INC	PUT	
749527 10 7 *	REV GROUP INC	COM	
749527 90 7	REV GROUP INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
749527 95 7	REV GROUP INC	PUT	
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	
749641 10 6	RMG ACQUISITION CORP	CL A	ADDED
749641 11 4	RMG ACQUISITION CORP	*W EXP 02/21/202	ADDED
749641 20 5	RMG ACQUISITION CORP	UNIT 99/99/9999	
74965L 10 1 *	RLJ LODGING TR	COM	
74965L 90 1	RLJ LODGING TR	CALL	
74965L 95 1	RLJ LODGING TR	PUT	
74965L 20 0	RLJ LODGING TR	CUM CONV PFD A	
749660 10 6 *	RPC INC	COM	
749660 90 6	RPC INC	CALL	
749660 95 6	RPC INC	PUT	
74967R 10 6	RMR GROUP INC	CL A	
74967X 10 3 *	RH	COM	
74967X 90 3	RH	CALL	
74967X 95 3	RH	PUT	
749685 10 3 *	RPM INTL INC	COM	
749685 90 3	RPM INTL INC	CALL	
749685 95 3	RPM INTL INC	PUT	
74971D 10 1 *	RPT REALTY	SH BEN INT	
74971D 90 1	RPT REALTY	CALL	
74971D 95 1	RPT REALTY	PUT	
74973W AB 3	RTI INTL METALS INC	NOTE 1.625%10/1	
74975N 10 5 *	RTI SURGICAL HOLDINGS INC	COM	
74975N 90 5	RTI SURGICAL HOLDINGS INC	CALL	
74975N 95 5	RTI SURGICAL HOLDINGS INC	PUT	
749772 AB 5	RWT HLDGS INC	NOTE 5.625%11/1	
74979W 10 1 *	RYB ED INC	ADR	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
74979W 90 1	RYB ED INC	CALL	
74979W 95 1	RYB ED INC	PUT	
74980D 10 0 *	RTW RETAILWINDS INC	COM	
74980D 90 0	RTW RETAILWINDS INC	CALL	
74980D 95 0	RTW RETAILWINDS INC	PUT	
750236 10 1 *	RADIAN GROUP INC	COM	
750236 90 1	RADIAN GROUP INC	CALL	
750236 95 1	RADIAN GROUP INC	PUT	
75025X 10 0 *	RADIANT LOGISTICS INC	COM	
75025X 90 0	RADIANT LOGISTICS INC	CALL	
75025X 95 0	RADIANT LOGISTICS INC	PUT	
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	
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	
752185 10 8	RAND CAP CORP	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
75282U 10 4	RANGER ENERGY SVCS INC	COM CL A	
75321W 10 3	RANPAK HLDGS CORP	COM CL A	ADDED
75321W 11 1	RANPAK HLDGS CORP	*W EXP 06/03/202	ADDED
753422 10 4 *	RAPID7 INC	COM	
753422 90 4	RAPID7 INC	CALL	
753422 95 4	RAPID7 INC	PUT	
75419T 10 3 *	RATTLER MIDSTREAM LP	COM UNITS	ADDED
75419T 90 3	RATTLER MIDSTREAM LP	CALL	ADDED
75419T 95 3	RATTLER MIDSTREAM LP	PUT	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
75574U 20 0	READY CAP CORP	7% CN SR NT 2023	
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
75686R 20 2	RED RIVER BANCSHARES INC	COM	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 30 9	REGIONAL HEALTH PPTYS INC	COM	
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 20 0 *	REGULUS THERAPEUTICS INC	COM NEW	
75915K 90 0	REGULUS THERAPEUTICS INC	CALL	
75915K 95 0	REGULUS THERAPEUTICS INC	PUT	
759351 60 4 *	REINSURANCE GRP OF AMERICA I	COM NEW	
759351 90 4	REINSURANCE GRP OF AMERICA I	CALL	
759351 95 4	REINSURANCE GRP OF AMERICA I	PUT	
759419 10 4	REKOR SYS INC	COM	ADDED
759509 10 2 *	RELIANCE STEEL & ALUMINUM CO	COM	
759509 90 2	RELIANCE STEEL & ALUMINUM CO	CALL	
759509 95 2	RELIANCE STEEL & ALUMINUM CO	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
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	
759937 20 4 *	RENAISSANCE CAP GREENWICH FD	IPO ETF	
759937 90 4	RENAISSANCE CAP GREENWICH FD	CALL	
759937 95 4	RENAISSANCE CAP GREENWICH FD	PUT	
759937 30 3	RENAISSANCE CAP GREENWICH FD	INTNTL IPO ETF	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
761152 10 7 *	RESMED INC	COM	
761152 90 7	RESMED INC	CALL	
761152 95 7	RESMED INC	PUT	
76117W 10 9 *	RESOLUTE FST PRODS INC	COM	
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	
76118Y 90 4	RESIDEO TECHNOLOGIES INC	CALL	
76118Y 95 4	RESIDEO TECHNOLOGIES INC	PUT	
76120W AB 0	RESOURCE CAP CORP	NOTE 8.000% 1/1	
76120W AC 8	RESOURCE CAP CORP	NOTE 4.500% 8/1	
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	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
76155G 95 6	REVOLUTION LIGHTING TECHNOLO	PUT	
76156B 10 7 *	REVOLVE GROUP INC	CL A	ADDED
76156B 90 7	REVOLVE GROUP INC	CALL	ADDED
76156B 95 7	REVOLVE GROUP INC	PUT	ADDED
761624 10 5	REX AMERICAN RESOURCES CORP	COM	
761640 20 0 *	REXAHN PHARMACEUTICALS INC	COM NEW	DELETED
761640 90 0	REXAHN PHARMACEUTICALS INC	CALL	DELETED
761640 95 0	REXAHN PHARMACEUTICALS INC	PUT	DELETED
761640 30 9 *	REXAHN PHARMACEUTICALS INC	COM	ADDED
761640 90 9	REXAHN PHARMACEUTICALS INC	CALL	ADDED
761640 95 9	REXAHN PHARMACEUTICALS INC	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
76169C 95 0	REXFORD INDL RLTY INC	PUT	
762093 10 2	RHINEBECK BANCORP INC	COM	
76243J 10 5 *	RHYTHM PHARMACEUTICALS INC	COM	
76243J 90 5	RHYTHM PHARMACEUTICALS INC	CALL	
76243J 95 5	RHYTHM PHARMACEUTICALS INC	PUT	
762544 10 4 *	RIBBON COMMUNICATIONS INC	COM	
762544 90 4	RIBBON COMMUNICATIONS INC	CALL	
762544 95 4	RIBBON COMMUNICATIONS INC	PUT	
762831 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 AD 9	RINGCENTRAL INC	NOTE	3/1
76680R 20 6 *	RINGCENTRAL INC	CL A	
76680R 90 6	RINGCENTRAL INC	CALL	
76680R 95 6	RINGCENTRAL INC	PUT	
76680V 10 8 *	RING ENERGY INC	COM	
76680V 90 8	RING ENERGY INC	CALL	
76680V 95 8	RING ENERGY INC	PUT	
767204 10 0 *	RIO TINTO PLC	SPONSORED ADR	
767204 90 0	RIO TINTO PLC	CALL	
767204 95 0	RIO TINTO PLC	PUT	
767292 10 5 *	RIOT 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
767754 90 4	RITE AID CORP	CALL	DELETED
767754 95 4	RITE AID CORP	PUT	DELETED
767754 87 2 *	RITE AID CORP	COM	ADDED
767754 90 2	RITE AID CORP	CALL	ADDED
767754 95 2	RITE AID CORP	PUT	ADDED
767836 30 7	RITTER PHARMACEUTICALS INC	COM NEW	
76881Y 10 9	RIVERNORTH OPPRTUNITIES FD I	COM	
76882B 10 8	RIVERNORTH MARKETPLACE LENDI	COM	ADDED
76882G 10 7	RIVERNORTH DOUBLELINE STRATE	COM	
76883F 10 8	RIVERNORTH OPPORTUNISTIC MUN	COM	
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 TRANSN SYS INC	COM	DELETED
76973Q 90 5	ROADRUNNER TRANSN SYS INC	CALL	DELETED
76973Q 95 5	ROADRUNNER TRANSN SYS INC	PUT	DELETED
76973Q 20 4 *	ROADRUNNER TRANSN SYS INC	COM NEW	ADDED
76973Q 90 4	ROADRUNNER TRANSN SYS INC	CALL	ADDED
76973Q 95 4	ROADRUNNER TRANSN SYS INC	PUT	ADDED
769755 10 9 *	ROAN RES INC	CL A COM	
769755 90 9	ROAN RES INC	CALL	
769755 95 9	ROAN RES INC	PUT	
770323 10 3 *	ROBERT HALF INTL INC	COM	
770323 90 3	ROBERT HALF INTL INC	CALL	
770323 95 3	ROBERT HALF INTL INC	PUT	
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	
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 DELETED
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 04/27/202	
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	
778296 10 3 *	ROSS STORES INC	COM	
778296 90 3	ROSS STORES INC	CALL	
778296 95 3	ROSS STORES INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
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	
781270 90 3	RUDOLPH TECHNOLOGIES INC	CALL	
781270 95 3	RUDOLPH TECHNOLOGIES INC	PUT	
781314 10 9	RUHNN HLDG LTD	ADS	ADDED
781386 20 6	RUMBLEON INC	CL B	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 ADS	
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	DELETED
78377T 10 7 *	RYMAN HOSPITALITY PPTYS INC	COM	
78377T 90 7	RYMAN HOSPITALITY PPTYS INC	CALL	
78377T 95 7	RYMAN HOSPITALITY PPTYS INC	PUT	
783859 10 1 *	S & T BANCORP INC	COM	
783859 90 1	S & T BANCORP INC	CALL	
783859 95 1	S & T BANCORP INC	PUT	
78396V 10 9	SCWORX CORP	COM	
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	
784117 10 3 *	SEI INVESTMENTS CO	COM	
784117 90 3	SEI INVESTMENTS CO	CALL	

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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	DELETED
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 COMMERCE INC	COM	
78463M 90 7	SPS COMMERCE INC	CALL	
78463M 95 7	SPS COMMERCE INC	PUT	
78463V 10 7 *	SPDR GOLD TRUST	GOLD SHS	
78463V 90 7	SPDR GOLD TRUST	CALL	
78463V 95 7	SPDR GOLD TRUST	PUT	
78463X 10 3	SPDR INDEX SHS FDS	STOXX EUR 50 ETF	

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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	DELETED
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	
78463X 90 1	SPDR INDEX SHS FDS	CALL	
78463X 95 1	SPDR INDEX SHS FDS	PUT	

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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	BLOMBRG BRC CORP	
78464A 15 1	SPDR SERIES TRUST	BLOMBRG BRC INTL	
78464A 20 1	SPDR SERIES TRUST	S&P 600 SMCP GRW	
78464A 28 4 *	SPDR SERIES TRUST	NUV HGHYLD MUN	

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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	BLOMBERG BRC MRTG	
78464A 39 1 *	SPDR SERIES TRUST	BLOMBERG 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	DELETED
78464A 90 7	SPDR SERIES TRUST	CALL	DELETED
78464A 95 7	SPDR SERIES TRUST	PUT	DELETED
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	
78464A 57 3	SPDR SERIES TRUST	HLTH CARE SVCS	
78464A 58 1 *	SPDR SERIES TRUST	HLTH CR EQUIP	

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78464A 90 1	SPDR SERIES TRUST	CALL	
78464A 95 1	SPDR SERIES TRUST	PUT	
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	BLMBERG 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 SERIES TRUST	PORTFOLIO SH TSR	
78468R 11 9	SPDR SERIES TRUST	S&P TECH HARDWRE	
78468R 12 7	SPDR SERIES TRUST	S&P INTERNET ETF	
78468R 20 0	SPDR SERIES TRUST	BLOMBERG BRC INV	
78468R 40 8 *	SPDR SERIES TRUST	BLOOMBERG SRT TR	

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78468R 90 8	SPDR SERIES TRUST	CALL	
78468R 95 8	SPDR SERIES TRUST	PUT	
78468R 60 6	SPDR SERIES TRUST	ICE BOFAML BHYB	
78468R 62 2 *	SPDR SERIES TRUST	BLOOMBERG BRCLYS	ADDED
78468R 90 2	SPDR SERIES TRUST	CALL	ADDED
78468R 95 2	SPDR SERIES TRUST	PUT	ADDED
78468R 63 0	SPDR SERIES TRUST	S&P KENSHO FINAL	
78468R 64 8	SPDR SERIES TRUST	S&P KENSHO NEW	
78468R 65 5	SPDR SERIES TRUST	S&P KENSHO CLEAN	
78468R 66 3 *	SPDR SERIES TRUST	SPDR BLOOMBERG	
78468R 90 3	SPDR SERIES TRUST	CALL	
78468R 95 3	SPDR SERIES TRUST	PUT	
78468R 67 1	SPDR SERIES TRUST	S&P KENSHO FUTRE	
78468R 68 9	SPDR SERIES TRUST	S&P KENSHO SMART	
78468R 69 7	SPDR SERIES TRUST	S&P KENSHO INTLG	
78468R 70 5	SPDR SERIES TRUST	S&P1500MOMTILT	
78468R 71 3	SPDR SERIES TRUST	DORSEY WRGT FI	
78468R 72 1 *	SPDR SERIES TRUST	NUVEEN BRC MUNIC	
78468R 90 1	SPDR SERIES TRUST	CALL	
78468R 95 1	SPDR SERIES TRUST	PUT	
78468R 73 9	SPDR SERIES TRUST	NUVEEN BLMBRG SR	
78468R 74 7	SPDR SERIES TRUST	SSGA GNDER ETF	
78468R 75 4	SPDR SERIES TRUST	RUSSELL LOW VOL	
78468R 76 2	SPDR SERIES TRUST	RUSSELL MOMENTUM	
78468R 77 0	SPDR SERIES TRUST	RUSSELL YIELD	
78468R 78 8	SPDR SERIES TRUST	PRTFLO S&P500 HI	
78468R 79 6	SPDR SERIES TRUST	SPDR S&P 500 ETF	
78468R 80 4	SPDR SERIES TRUST	SSGA US LRG ETF	
78468R 81 2	SPDR SERIES TRUST	MSCI USA STRTGIC	
78468R 82 0	SPDR SERIES TRUST	S&P 500 BUYBCK	
78468R 85 3 *	SPDR SERIES TRUST	PORTFOLIO SM ETF	
78468R 90 3	SPDR SERIES TRUST	CALL	
78468R 95 3	SPDR SERIES TRUST	PUT	
78468R 86 1	SPDR SERIES TRUST	BLOMBERG 1 10 YR	

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78468R 88 7	SPDR SERIES TRUST	SSGA US SMAL ETF	
78469C 10 3 *	SP PLUS CORP	COM	
78469C 90 3	SP PLUS CORP	CALL	
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	
78470P 40 8	SSGA ACTIVE TR	SPDR SSGA US SCT	ADDED
78470P 50 7	SSGA ACTIVE TR	SPDR SSGA FXD	ADDED
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	DELETED
78516C 11 4	SABAN CAP ACQUISITION CORP	*W EXP 09/21/202	DELETED
78516C 20 5	SABAN CAP ACQUISITION CORP	UNIT 99/99/9999	DELETED
785688 10 2	SABINE ROYALTY TR	UNIT BEN INT	
78573L 10 6 *	SABRA HEALTH CARE REIT INC	COM	

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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	
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	
78645L 10 0 *	SAFEHOLD INC	COM	
78645L 90 0	SAFEHOLD INC	CALL	
78645L 95 0	SAFEHOLD 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	
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 TECHNLOGIES HLDGS I	COM	
78781P 90 5	SAILPOINT TECHNLOGIES HLDGS I	CALL	
78781P 95 5	SAILPOINT TECHNLOGIES 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
79546E 90 4	SALLY BEAUTY HLDGS INC	CALL	
79546E 95 4	SALLY BEAUTY HLDGS INC	PUT	
79590A 10 7	SALT FDS TR	SALT LOW TRUBE	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
800422 10 7 *	SANFILIPPO JOHN B & SON INC	COM	
800422 90 7	SANFILIPPO JOHN B & SON INC	CALL	
800422 95 7	SANFILIPPO JOHN B & SON INC	PUT	
800677 10 6 *	SANGAMO THERAPEUTICS INC	COM	
800677 90 6	SANGAMO THERAPEUTICS INC	CALL	
800677 95 6	SANGAMO THERAPEUTICS INC	PUT	
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 AB 6	SAREPTA THERAPEUTICS INC	DCV 1.500%11/1	
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	
806037 10 7 *	SCANSOURCE INC	COM	

CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
806037 90 7	SCANSOURCE INC	CALL	
806037 95 7	SCANSOURCE INC	PUT	
806407 10 2 *	HENRY SCHEIN INC	COM	
806407 90 2	HENRY SCHEIN INC	CALL	
806407 95 2	HENRY SCHEIN INC	PUT	
806857 10 8 *	SCHLUMBERGER LTD	COM	
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 10 9	SCHULTZE SPL PURP ACQUSTN CO	COM	
80821R 11 7	SCHULTZE SPL PURP ACQUSTN CO	*W EXP 12/31/202	
80821R 20 8	SCHULTZE SPL PURP ACQUSTN CO	UNIT 12/31/2023	
808513 10 5 *	THE CHARLES SCHWAB CORPORATI	COM	
808513 90 5	THE CHARLES SCHWAB CORPORATI	CALL	
808513 95 5	THE CHARLES SCHWAB CORPORATI	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	

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808524 40 9 *	SCHWAB STRATEGIC TR	US LCAP VA ETF	
808524 90 9	SCHWAB STRATEGIC TR	CALL	
808524 95 9	SCHWAB STRATEGIC TR	PUT	
808524 50 8 *	SCHWAB STRATEGIC TR	US MID-CAP ETF	
808524 90 8	SCHWAB STRATEGIC TR	CALL	
808524 95 8	SCHWAB STRATEGIC TR	PUT	
808524 60 7 *	SCHWAB STRATEGIC TR	US SML CAP ETF	
808524 90 7	SCHWAB STRATEGIC TR	CALL	
808524 95 7	SCHWAB STRATEGIC TR	PUT	
808524 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	

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808524 84 7 *	SCHWAB STRATEGIC TR	US REIT ETF	
808524 90 7	SCHWAB STRATEGIC TR	CALL	
808524 95 7	SCHWAB STRATEGIC TR	PUT	
808524 85 4 *	SCHWAB STRATEGIC TR	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	
809087 10 9 *	SCIPLAY CORP	CL A	ADDED
809087 90 9	SCIPLAY CORP	CALL	ADDED
809087 95 9	SCIPLAY CORP	PUT	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 AB 6	SEA LTD	NOTE 2.250% 7/0	ADDED
81141R 10 0 *	SEA LTD	SPONSORED ADS	
81141R 90 0	SEA LTD	CALL	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
812578 90 2	SEATTLE GENETICS INC	CALL	
812578 95 2	SEATTLE GENETICS INC	PUT	
81282V 10 0 *	SEAWORLD ENTMT INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81369Y 90 3	SELECT SECTOR SPDR TR	CALL	
81369Y 95 3	SELECT SECTOR SPDR TR	PUT	
81369Y 85 2 *	SELECT SECTOR SPDR TR	COMMUNICATION	
81369Y 90 2	SELECT SECTOR SPDR TR	CALL	
81369Y 95 2	SELECT SECTOR SPDR TR	PUT	
81369Y 86 0 *	SELECT SECTOR SPDR TR	RL EST SEL SEC	
81369Y 90 0	SELECT SECTOR SPDR TR	CALL	
81369Y 95 0	SELECT SECTOR SPDR TR	PUT	
81369Y 88 6 *	SELECT SECTOR SPDR TR	SBI INT-UTILS	
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	
81577F 10 9	SEELOS THERAPEUTICS INC	COM	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
81663A 90 5	SEMGROUP CORP	CALL	
81663A 95 5	SEMGROUP CORP	PUT	
81663N 20 6 *	SEMICONDUCTOR MFG INTL CORP	SPONSORED ADR	DELETED
81663N 90 6	SEMICONDUCTOR MFG INTL CORP	CALL	DELETED
81663N 95 6	SEMICONDUCTOR MFG INTL CORP	PUT	DELETED
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	
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	
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 HEATHLCARE INC	COM	
81728J 11 7	SENSUS HEATHLCARE INC	*W EXP 06/08/202	
81728P 10 5	SENTINEL ENERGY SVCS INC	CL A	
81728P 11 3	SENTINEL ENERGY SVCS INC	*W EXP 11/02/202	
81728P 20 4	SENTINEL ENERGY SVCS INC	UNIT 99/99/9999	
817323 10 8 *	SEQUANS COMMUNICATIONS S A	SPONSORED ADS	

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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	
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	
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	
81811M 10 0	SEVERN BANCORP ANNAPOLIS MD	COM	
819047 10 1 *	SHAKE SHACK INC	CL A	
819047 90 1	SHAKE SHACK INC	CALL	

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819047 95 1	SHAKE SHACK INC	PUT	
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	
824689 AG 8	SHIP FIN INTL LTD	NOTE 4.875% 5/0	
824889 10 9 *	SHOE CARNIVAL INC	COM	
824889 90 9	SHOE CARNIVAL INC	CALL	
824889 95 9	SHOE CARNIVAL INC	PUT	
82489T 10 4	SHOCKWAVE MED INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
82669G 90 4	SIGNATURE BK NEW YORK N Y	CALL	
82669G 95 4	SIGNATURE BK NEW YORK N Y	PUT	
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	
82710M 10 0	SILK ROAD MEDICAL INC	COM	ADDED
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	
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	
829073 10 5 *	SIMPSON MANUFACTURING CO INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	
82981J 90 9	SITE CENTERS CORP	CALL	
82981J 95 9	SITE CENTERS CORP	PUT	
82982L 10 3 *	SITEONE LANDSCAPE SUPPLY INC	COM	
82982L 90 3	SITEONE LANDSCAPE SUPPLY INC	CALL	
82982L 95 3	SITEONE LANDSCAPE SUPPLY INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
83088V 10 2 *	SLACK TECHNOLOGIES INC	COM CL A	ADDED
83088V 90 2	SLACK TECHNOLOGIES INC	CALL	ADDED
83088V 95 2	SLACK TECHNOLOGIES INC	PUT	ADDED
83125X 10 3 *	SLEEP NUMBER CORP	COM	
83125X 90 3	SLEEP NUMBER CORP	CALL	
83125X 95 3	SLEEP NUMBER CORP	PUT	
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 CORP	COM	
831865 90 9	SMITH A O CORP	CALL	
831865 95 9	SMITH A O CORP	PUT	
83190B 10 1 *	SMART & FINAL STORES INC	COM	DELETED
83190B 90 1	SMART & FINAL STORES INC	CALL	DELETED
83190B 95 1	SMART & FINAL STORES INC	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
83356Q 10 8 *	SO YOUNG INTERNATIONAL INC	SPONSORED ADS	ADDED
83356Q 90 8	SO YOUNG INTERNATIONAL INC	CALL	ADDED
83356Q 95 8	SO YOUNG INTERNATIONAL INC	PUT	ADDED
83362P 30 0 *	SOCIAL REALITY INC	COM CL A NEW	
83362P 90 0	SOCIAL REALITY INC	CALL	
83362P 95 0	SOCIAL REALITY INC	PUT	
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	
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 AC 4	SOLARCITY CORP	NOTE 1.625%11/0	
83416T AE 0	SOLARCITY CORP	NOTE 12/0	ADDED
83417M 10 4 *	SOLAREEDGE TECHNOLOGIES INC	COM	
83417M 90 4	SOLAREEDGE TECHNOLOGIES INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
83417M 95 4	SOLAREEDGE TECHNOLOGIES INC	PUT	
83417Q 10 5 *	SOLARWINDS CORP	COM	
83417Q 90 5	SOLARWINDS CORP	CALL	
83417Q 95 5	SOLARWINDS CORP	PUT	
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	
834251 10 0	SOLITON INC	COM	
83545G 10 2 *	SONIC AUTOMOTIVE INC	CL A	
83545G 90 2	SONIC AUTOMOTIVE INC	CALL	
83545G 95 2	SONIC AUTOMOTIVE INC	PUT	
83548F 10 1	SONIM TECHNOLOGIES INC	COM	ADDED
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	DELETED
83558L 11 3	SONOMA PHARMACEUTICALS INC	*W EXP 01/26/202	
83558L 20 4	SONOMA PHARMACEUTICALS INC	COM NEW	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
838884 20 3	SOUTH MTN MERGER CORP	UNIT 99/99/9999	ADDED
83946P 10 7	SOUTH PLAINS FINANCIAL INC	COM	ADDED
840441 10 9 *	SOUTH ST CORP	COM	
840441 90 9	SOUTH ST CORP	CALL	
840441 95 9	SOUTH ST CORP	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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
846784 11 4	SPARTAN ENERGY ACQUISITON CO	UNIT 99/99/9999	
846784 12 2	SPARTAN ENERGY ACQUISITON CO	*W EXP 08/27/202	
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	
84741T 10 4	SPECIAL OPPORTUNITIES FD INC	COM	
84741T 30 2	SPECIAL OPPORTUNITIES FD INC	PFD CONV SE B	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
84790A 95 5	SPECTRUM BRANDS HLDGS INC NE	PUT	
84833T 10 3 *	SPERO THERAPEUTICS INC	COM	
84833T 90 3	SPERO THERAPEUTICS INC	CALL	
84833T 95 3	SPERO THERAPEUTICS INC	PUT	
84841L 30 8	SPHERE 3D CORP NEW	COM	
84842R 40 3	SPHERIX INC	COM PAR NEW	DELETED
84842R 50 2	SPHERIX INC	COM	ADDED
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	
848577 95 2	SPIRIT AIRLS INC	PUT	
84858T 20 2	SPINNAKER ETF SERIES	FIELDSTONE UVA	
84860W AA 0	SPIRIT RLTY CAP INC NEW	NOTE 2.875% 5/1	DELETED
84860W AB 8	SPIRIT RLTY CAP INC NEW	NOTE 3.750% 5/1	
84860W 30 0 *	SPIRIT RLTY CAP INC NEW	COM NEW	
84860W 90 0	SPIRIT RLTY CAP INC NEW	CALL	
84860W 95 0	SPIRIT RLTY CAP INC NEW	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 CORPORATION	COM	
85207U 90 5	SPRINT CORPORATION	CALL	
85207U 95 5	SPRINT CORPORATION	PUT	
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 AD 5	SQUARE INC	NOTE 0.500% 5/1	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
85571B 95 5	STARWOOD PPTY TR INC	PUT	
857477 10 3 *	STATE STR CORP	COM	
857477 90 3	STATE STR CORP	CALL	
857477 95 3	STATE STR CORP	PUT	
85789A 10 5	STEALTH BIOTHERAPEUTICS CORP	SPONSORED ADS	
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	
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	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
86150R 10 7	STOKE THERAPEUTICS INC	COM	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	DELETED
866942 90 5	SUN HYDRAULICS CORP	CALL	DELETED
866942 95 5	SUN HYDRAULICS CORP	PUT	DELETED
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	DELETED
86722Y 90 1	SUNCOKE ENERGY PARTNERS L P	CALL	DELETED
86722Y 95 1	SUNCOKE ENERGY PARTNERS L P	PUT	DELETED
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	

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86740P 10 8	SUNLANDS TECHNOLOGY 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 UT 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	
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	
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	
86804F 20 2	SUPER LEAGUE GAMING INC	COM	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
868358 90 2	SUPERIOR GRP OF COMPANIES IN	CALL	
868358 95 2	SUPERIOR GRP OF COMPANIES IN	PUT	
868459 AD 0	SUPERNUS PHARMACEUTICALS INC	NOTE 0.625% 4/0	
868459 10 8 *	SUPERNUS PHARMACEUTICALS INC	COM	
868459 90 8	SUPERNUS PHARMACEUTICALS INC	CALL	
868459 95 8	SUPERNUS PHARMACEUTICALS INC	PUT	
86858W 20 0 *	SUPPORT COM INC	COM NEW	
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	
869367 10 2	SUTRO BIOPHARMA INC	COM	
86959K 10 5 *	SUZANO SA	SPON ADS	
86959K 90 5	SUZANO SA	CALL	
86959K 95 5	SUZANO SA	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
87157B 10 3 *	SYNCHRONOSS TECHNOLOGIES INC	COM	
87157B 90 3	SYNCHRONOSS TECHNOLOGIES INC	CALL	
87157B 95 3	SYNCHRONOSS TECHNOLOGIES INC	PUT	
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	
87162W 10 0 *	SYNNEX CORP	COM	
87162W 90 0	SYNNEX CORP	CALL	
87162W 95 0	SYNNEX CORP	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
87166N 10 6	SYNTAX ETF TR	STRATIFD LRG CAP	
87167A 10 3	SYNTHORX INC	COM	
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	
872280 10 2 *	TCG BDC INC	COM	
872280 90 2	TCG BDC INC	CALL	
872280 95 2	TCG BDC INC	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
87233Q 10 8 *	TC PIPELINES LP	UT COM LTD PRT	
87233Q 90 8	TC PIPELINES LP	CALL	
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	DELETED
872625 90 8	TRC COS INC	CALL	DELETED
872625 95 8	TRC COS INC	PUT	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
87266C 10 9	TMSR HLDG CO LTD	COM	
87266J 10 4 *	TPI COMPOSITES INC	COM	
87266J 90 4	TPI COMPOSITES INC	CALL	
87266J 95 4	TPI COMPOSITES INC	PUT	
87266M 10 7 *	TPG RE FIN TR INC	COM	
87266M 90 7	TPG RE FIN TR INC	CALL	
87266M 95 7	TPG RE FIN TR INC	PUT	
872885 20 7	TSR INC	COM	
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	
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	
874039 10 0 *	TAIWAN SEMICONDUCTOR MFG LTD	SPONSORED ADS	
874039 90 0	TAIWAN SEMICONDUCTOR MFG LTD	CALL	
874039 95 0	TAIWAN SEMICONDUCTOR MFG LTD	PUT	
874054 10 9 *	TAKE-TWO INTERACTIVE SOFTWARE	COM	
874054 90 9	TAKE-TWO INTERACTIVE SOFTWARE	CALL	
874054 95 9	TAKE-TWO INTERACTIVE SOFTWARE	PUT	
874060 20 5 *	TAKEDA PHARMACEUTICAL CO LTD	SPONSORED ADS	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
874060 90 5	TAKEDA PHARMACEUTICAL CO LTD	CALL	
874060 95 5	TAKEDA PHARMACEUTICAL CO LTD	PUT	
87407Q 20 7	TAKUNG ART CO LTD	COM NEW	
874080 AB 0	TAL EDUCATION GROUP	NOTE 2.500% 5/1	DELETED
874080 10 4 *	TAL EDUCATION GROUP	SPONSORED ADS	
874080 90 4	TAL EDUCATION GROUP	CALL	
874080 95 4	TAL EDUCATION 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	DELETED
87600U 90 4	TANZANIAN ROYALTY EXPL CORP	CALL	DELETED
87600U 95 4	TANZANIAN ROYALTY EXPL CORP	PUT	DELETED
87600Y 10 6 *	TAOMEE HLDGS LTD	SPONSORED ADR	DELETED
87600Y 90 6	TAOMEE HLDGS LTD	CALL	DELETED
87600Y 95 6	TAOMEE HLDGS LTD	PUT	DELETED
87601A 10 7 *	TANZANIAN GOLD CORP	COM	ADDED
87601A 90 7	TANZANIAN GOLD CORP	CALL	ADDED
87601A 95 7	TANZANIAN GOLD CORP	PUT	ADDED
876030 10 7 *	TAPESTRY INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
876030 90 7	TAPESTRY INC	CALL	
876030 95 7	TAPESTRY INC	PUT	
876108 10 1	TARENA INTL INC	SPONSORED ADS	
87612E 10 6 *	TARGET CORP	COM	
87612E 90 6	TARGET CORP	CALL	
87612E 95 6	TARGET CORP	PUT	
87612G 10 1 *	TARGA RES CORP	COM	
87612G 90 1	TARGA RES CORP	CALL	
87612G 95 1	TARGA RES CORP	PUT	
87615L 10 7	TARGET HOSPITALITY CORP	COM	
87615L 11 5	TARGET HOSPITALITY CORP	*W EXP 03/15/202	
876214 10 7	TARONIS TECHNOLOGIES INC	COM	
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	COM	
87724P 90 6	TAYLOR MORRISON HOME CORP	CALL	
87724P 95 6	TAYLOR MORRISON HOME CORP	PUT	
87807B 10 7 *	TC ENERGY CORP	COM	ADDED
87807B 90 7	TC ENERGY CORP	CALL	ADDED
87807B 95 7	TC ENERGY CORP	PUT	ADDED
87808K 10 6	TCR2 THERAPEUTICS INC	COM	
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	DELETED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
87817A 90 7	TEAM HEALTH HOLDINGS INC	CALL	DELETED
87817A 95 7	TEAM HEALTH HOLDINGS INC	PUT	DELETED
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	
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	
87900Y AE 3	TEEKAY CORPORATION	NOTE 5.000% 1/1	ADDED
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	
87918A AB 1	TELADOC HEALTH INC	NOTE 3.000%12/1	
87918A AC 9	TELADOC HEALTH INC	NOTE 1.375% 5/1	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
88025T 90 2	TENABLE HLDGS INC	CALL	
88025T 95 2	TENABLE HLDGS INC	PUT	
88031M 10 9 *	TENARIS S A	SPONSORED ADS	
88031M 90 9	TENARIS S A	CALL	
88031M 95 9	TENARIS S A	PUT	
88032L 20 9 *	TENAX THERAPEUTICS INC	COM NEW	
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	
88034P 90 9	TENCENT MUSIC ENTMT GROUP	CALL	
88034P 95 9	TENCENT MUSIC ENTMT GROUP	PUT	
880345 10 3 *	TENNANT CO	COM	
880345 90 3	TENNANT CO	CALL	
880345 95 3	TENNANT CO	PUT	
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	

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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	SPONSORED ADS	
880890 90 8	TERNIUM SA	CALL	
880890 95 8	TERNIUM SA	PUT	
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	
88160R AC 5	TESLA INC	NOTE 1.250% 3/0	
88160R AD 3	TESLA INC	NOTE 2.375% 3/1	
88160R AG 6	TESLA INC	NOTE 2.000% 5/1	ADDED
88160R 10 1 *	TESLA INC	COM	
88160R 90 1	TESLA INC	CALL	
88160R 95 1	TESLA INC	PUT	
88162F 10 5 *	TETRA TECHNOLOGIES INC DEL	COM	
88162F 90 5	TETRA TECHNOLOGIES INC DEL	CALL	
88162F 95 5	TETRA TECHNOLOGIES INC DEL	PUT	
88162G 10 3 *	TETRA TECH INC NEW	COM	
88162G 90 3	TETRA TECH INC NEW	CALL	
88162G 95 3	TETRA TECH INC NEW	PUT	
881624 20 9 *	TEVA PHARMACEUTICAL INDS LTD	SPONSORED ADS	
881624 90 9	TEVA PHARMACEUTICAL INDS LTD	CALL	
881624 95 9	TEVA PHARMACEUTICAL INDS LTD	PUT	
88163V AE 9	TEVA PHARMACEUTICAL FIN LLC	DCV 0.250% 2/0	
88165N 10 5 *	TETRAPHASE PHARMACEUTICALS I	COM	
88165N 90 5	TETRAPHASE PHARMACEUTICALS I	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
88165N 95 5	TETRAPHASE PHARMACEUTICALS I	PUT	
88166A 10 2 *	TEUCRIUM COMMODITY TR	CORN FD SHS	
88166A 90 2	TEUCRIUM COMMODITY TR	CALL	
88166A 95 2	TEUCRIUM COMMODITY TR	PUT	
88166A 40 9 *	TEUCRIUM COMMODITY TR	SUGAR FD	
88166A 90 9	TEUCRIUM COMMODITY TR	CALL	
88166A 95 9	TEUCRIUM COMMODITY TR	PUT	
88166A 50 8 *	TEUCRIUM COMMODITY TR	WHEAT FD	
88166A 90 8	TEUCRIUM COMMODITY TR	CALL	
88166A 95 8	TEUCRIUM COMMODITY TR	PUT	
88166A 60 7 *	TEUCRIUM COMMODITY TR	SOYBEAN FD	
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	
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	
882610 90 8	TEXAS PAC LD TR	CALL	
882610 95 8	TEXAS PAC LD TR	PUT	
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	SPON ADS CL A	
88337K 90 3	THE9 LTD	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
88339P 10 1	THE REALREAL INC	COM	ADDED
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	DELETED
88368Q 90 3	THESTREET INC	CALL	DELETED
88368Q 95 3	THESTREET INC	PUT	DELETED
88368Q 20 2	THESTREET INC	COM NEW	ADDED
884903 70 9 *	THOMSON REUTERS CORP	COM NEW	
884903 90 9	THOMSON REUTERS CORP	CALL	
884903 95 9	THOMSON REUTERS CORP	PUT	
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	
88579C 10 9	3PEA INTL INC	COM	DELETED
88579Y 10 1 *	3M CO	COM	

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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	
886364 10 8	TIDAL ETF TR	AWARE ULTRASHR	
886364 20 7	TIDAL ETF TR	SOFI SELCT 500	ADDED
886364 30 6	TIDAL ETF TR	SOFI NEXT 500	ADDED
886364 40 5	TIDAL ETF TR	SOFI 50 ETF	ADDED
886364 50 4	TIDAL ETF TR	SOFI GIG ETF	ADDED
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	
88650V 20 8 *	TIER REIT INC	COM NEW	DELETED
88650V 90 8	TIER REIT INC	CALL	DELETED
88650V 95 8	TIER REIT INC	PUT	DELETED
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	UP FINTEC CHIN US	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
887432 32 6	TIMOTHY PLAN	HIG DV STK ETF	ADDED
887432 35 9	TIMOTHY PLAN	US LRG CAP COR	ADDED
88822Q 10 3	TIPTREE INC	COM	
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	DELETED
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 50 7 *	TITAN PHARMACEUTICALS INC DE	COM	
888314 90 7	TITAN PHARMACEUTICALS INC DE	CALL	
888314 95 7	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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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 50 8 *	TONIX PHARMACEUTICALS HLDG C	COM NEW	
890260 90 8	TONIX PHARMACEUTICALS HLDG C	CALL	
890260 95 8	TONIX PHARMACEUTICALS HLDG C	PUT	
890516 10 7 *	TOOTSIE ROLL INDS INC	COM	
890516 90 7	TOOTSIE ROLL INDS INC	CALL	
890516 95 7	TOOTSIE ROLL INDS INC	PUT	
89055F 10 3 *	TOPBUILD CORP	COM	
89055F 90 3	TOPBUILD CORP	CALL	
89055F 95 3	TOPBUILD CORP	PUT	
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	
89148A 10 3	TORTOISE ESSENTIAL ASSETS IN	COM SH BEN INT	
89148B 10 1	TORTOISE MIDSTRM ENERGY FD I	COM	
89148H 10 8	TORTOISE PIPELINE & ENERGY F	COM	
89148K 10 1	TORTOISE ENERGY INDEPENDENC	COM	
89151E 10 9 *	TOTAL S A	SPONSORED ADS	
89151E 90 9	TOTAL S A	CALL	
89151E 95 9	TOTAL S A	PUT	
89154L 10 0	TORTOISE ACQUISITION CORP	CL A	ADDED

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89154L 11 8	TORTOISE ACQUISITION CORP	*W EXP 03/04/202	ADDED
89154L 20 9	TORTOISE ACQUISITION CORP	UNIT 03/04/2024	
89157G 11 6	TOUGHBUILT INDUSTRIES INC	*W EXP 11/09/202	
89157G 20 7	TOUGHBUILT INDUSTRIES INC	COM	
89157G 30 6	TOUGHBUILT INDUSTRIES INC	UNIT 10/10/20233	
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	
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	
892672 10 6 *	TRADEWEB MKTS INC	CL A	ADDED
892672 90 6	TRADEWEB MKTS INC	CALL	ADDED
892672 95 6	TRADEWEB MKTS INC	PUT	ADDED
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	

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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	
89349P 50 3	TRANSAMERICA ETF TR	DELTASHS S&P	
893529 10 7	TRANSCAT INC	COM	
89353D 10 7 *	TRANSCANADA CORP	COM	DELETED
89353D 90 7	TRANSCANADA CORP	CALL	DELETED
89353D 95 7	TRANSCANADA CORP	PUT	DELETED
893617 20 9	TRANSCONTINENTAL RLTY INVS	COM NEW	
893641 10 0 *	TRANSDIGM GROUP INC	COM	
893641 90 0	TRANSDIGM GROUP INC	CALL	
893641 95 0	TRANSDIGM GROUP INC	PUT	
89366M 20 1 *	TRANSENTERIX INC	COM NEW	
89366M 90 1	TRANSENTERIX INC	CALL	
89366M 95 1	TRANSENTERIX 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	
89377M 10 9	TRANSMEDICS GROUP INC	COM	ADDED
893830 BJ 7	TRANSOCEAN INC	DEB 0.500% 1/3	
893870 20 4 *	TRANSPORTADORA DE GAS SUR	SPONSORED ADS B	
893870 90 4	TRANSPORTADORA DE GAS SUR	CALL	
893870 95 4	TRANSPORTADORA DE GAS SUR	PUT	
89400J 10 7 *	TRANSUNION	COM	
89400J 90 7	TRANSUNION	CALL	
89400J 95 7	TRANSUNION	PUT	
89417E 10 9 *	TRAVELERS COMPANIES INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
89532M 10 1	TREVI THERAPEUTICS INC	COM	ADDED
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	
89609W 90 7	TRIBUNE PUBG CO NEW	CALL	
89609W 95 7	TRIBUNE PUBG CO NEW	PUT	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
896239 10 0 *	TRIMBLE INC	COM	
896239 90 0	TRIMBLE INC	CALL	
896239 95 0	TRIMBLE INC	PUT	
89628U 10 8	TRINE ACQUISITION CORP	COM CL A	ADDED
89628U 11 6	TRINE ACQUISITION CORP	*W EXP 03/31/202	ADDED
89628U 20 7	TRINE ACQUISITION CORP	UNIT 03/31/2021	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
89679E 90 0	TRIUMPH BANCORP INC	CALL	
89679E 95 0	TRIUMPH BANCORP INC	PUT	
896818 10 1 *	TRIUMPH GROUP INC NEW	COM	
896818 90 1	TRIUMPH GROUP INC NEW	CALL	
896818 95 1	TRIUMPH GROUP INC NEW	PUT	
89686D 10 5 *	TRIVAGO N V	SPON ADS A SHS	
89686D 90 5	TRIVAGO N V	CALL	
89686D 95 5	TRIVAGO N V	PUT	
896945 20 1 *	TRIPADVISOR INC	COM	
896945 90 1	TRIPADVISOR INC	CALL	
896945 95 1	TRIPADVISOR INC	PUT	
897238 60 6	TROVAGENE INC	COM	
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	
897888 AB 9	TRULIA INC	NOTE 2.750%12/1	
898202 10 6 *	TRUPANION INC	COM	
898202 90 6	TRUPANION INC	CALL	

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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	
898697 20 6 *	TUCOWS INC	COM NEW	
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 A	
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	
90041T 10 8	TURNING POINT THERAPEUTICS I	COM	ADDED
900435 10 8 *	TURQUOISE HILL RES LTD	COM	

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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	
90069K 10 4	TUSCAN HOLDINGS CORP	COM	
90069K 11 2	TUSCAN HOLDINGS CORP	*W EXP 04/01/202	
90069K 20 3	TUSCAN HOLDINGS CORP	UNIT 99/99/9999	
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	
90137F 10 3 *	22ND CENTY GROUP INC	COM	
90137F 90 3	22ND CENTY GROUP INC	CALL	
90137F 95 3	22ND CENTY GROUP INC	PUT	
90138A 10 3 *	21VIANET GROUP INC	SPONSORED ADS A	
90138A 90 3	21VIANET GROUP INC	CALL	
90138A 95 3	21VIANET GROUP INC	PUT	
90138F AB 8	TWILIO INC	NOTE 0.250% 6/0	ADDED
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	
90171V 20 4	TWIN RIV WORLDWIDE HLDGS INC	COM	
90184D 10 0	TWIST BIOSCIENCE CORP	COM	
90184L AB 8	TWITTER INC	NOTE 0.250% 9/1	
90184L AD 4	TWITTER INC	NOTE 1.000% 9/1	
90184L AF 9	TWITTER INC	NOTE 0.250% 6/1	ADDED
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	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
902252 10 5 *	TYLER TECHNOLOGIES INC	COM	
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	

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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	
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	
90274E 17 4	UBS AG LONDON BRH	ETRACS 2XM ETN	

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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	
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	
902925 90 6	USA TRUCK INC	CALL	
902925 95 6	USA TRUCK INC	PUT	
902952 10 0 *	U S GLOBAL INVS INC	CL A	
902952 90 0	U S GLOBAL INVS INC	CALL	
902952 95 0	U S GLOBAL INVS INC	PUT	
902973 30 4 *	US BANCORP DEL	COM NEW	
902973 90 4	US BANCORP DEL	CALL	
902973 95 4	US BANCORP DEL	PUT	
903002 10 3 *	UMH PPTYS INC	COM	
903002 90 3	UMH PPTYS INC	CALL	

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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	DELETED
903293 90 5	U S G CORP	CALL	DELETED
903293 95 5	U S G CORP	PUT	DELETED
903318 10 3 *	USD PARTNERS LP	COM UT REP LTD	
903318 90 3	USD PARTNERS LP	CALL	
903318 95 3	USD PARTNERS LP	PUT	
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	

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90353T 10 0 *	UBER TECHNOLOGIES INC	COM	ADDED
90353T 90 0	UBER TECHNOLOGIES INC	CALL	ADDED
90353T 95 0	UBER TECHNOLOGIES INC	PUT	ADDED
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	DELETED
90385D 90 7	ULTIMATE SOFTWARE GROUP INC	CALL	DELETED
90385D 95 7	ULTIMATE SOFTWARE GROUP INC	PUT	DELETED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
90539J 90 9	UNION BANKSHARES CORP NEW	CALL	DELETED
90539J 95 9	UNION BANKSHARES CORP NEW	PUT	DELETED
905400 10 7	UNION BANKSHARES INC	COM	
907818 10 8 *	UNION PACIFIC CORP	COM	
907818 90 8	UNION PACIFIC CORP	CALL	
907818 95 8	UNION PACIFIC CORP	PUT	
90915J 10 3	UNIQUE FABRICATING INC	COM	
909214 BS 6	UNISYS CORP	NOTE 5.500% 3/0	
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	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
91274U 11 9	U S WELL SVCS INC	*W EXP 03/15/202	
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	

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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	
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	

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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 FINANCIAL CORPORATIO	COM	
915271 90 0	UNIVEST FINANCIAL CORPORATIO	CALL	
915271 95 0	UNIVEST FINANCIAL CORPORATIO	PUT	
91529Y 10 6 *	UNUM GROUP	COM	
91529Y 90 6	UNUM GROUP	CALL	
91529Y 95 6	UNUM GROUP	PUT	
91531W 10 6	UP FINTECH HLDG LTD	SPONSORED ADS	
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	
91688F 90 4	UPWORK INC	CALL	
91688F 95 4	UPWORK INC	PUT	
91688R 10 8	UR ENERGY INC	COM	
916896 10 3 *	URANIUM ENERGY CORP	COM	
916896 90 3	URANIUM ENERGY CORP	CALL	
916896 95 3	URANIUM ENERGY CORP	PUT	
91704F 10 4 *	URBAN EDGE PPTYS	COM	
91704F 90 4	URBAN EDGE PPTYS	CALL	

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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 90 7	USCF FDS TR	CALL	
91733T 95 7	USCF FDS TR	PUT	
91733T 40 6 *	USCF FDS TR	US 3X SHRT OIL	
91733T 90 6	USCF FDS TR	CALL	
91733T 95 6	USCF FDS TR	PUT	
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	
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	

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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	SPONSORED ADS	
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	
91913Y 95 0	VALERO ENERGY CORP NEW	PUT	
91914N 20 2	VALERITAS HLDGS INC	COM NEW	DELETED
91914N 30 1	VALERITAS HLDGS INC	COM	ADDED
919794 10 7 *	VALLEY NATL BANCORP	COM	
919794 90 7	VALLEY NATL BANCORP	CALL	
919794 95 7	VALLEY NATL BANCORP	PUT	
920253 10 1 *	VALMONT INDS INC	COM	
920253 90 1	VALMONT INDS INC	CALL	

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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	
92189F 12 2	VANECK VECTORS ETF TR	MRNGSTR GBL WD	
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	
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 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	

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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 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	DELETED
92189F 52 8	VANECK VECTORS ETF TR	AMT FREE SHORT M	
92189F 53 6	VANECK VECTORS ETF TR	AMT FREE LONG MU	
92189F 56 9	VANECK VECTORS ETF TR	HIGH INCOME INFR	
92189F 57 7	VANECK VECTORS ETF TR	GEN DRUGS ETF	DELETED
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	

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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	
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	DELETED
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	

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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	
92189H 20 1 *	VANECK VECTORS ETF TR	AMT FREE INT ETF	
92189H 90 1	VANECK VECTORS ETF TR	CALL	
92189H 95 1	VANECK VECTORS ETF TR	PUT	
92189H 30 0 *	VANECK VECTORS ETF TR	JP MORGAN MKTS	
92189H 90 0	VANECK VECTORS ETF TR	CALL	
92189H 95 0	VANECK VECTORS ETF TR	PUT	
92189H 40 9 *	VANECK VECTORS ETF TR	HIGH YLD MUN ETF	
92189H 90 9	VANECK VECTORS ETF TR	CALL	
92189H 95 9	VANECK VECTORS ETF TR	PUT	
92189H 50 8	VANECK VECTORS ETF TR	MUN ALLOCATION	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	

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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	
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	

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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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
92204A 80 1 *	VANGUARD WORLD FDS	MATERIALS ETF	
92204A 90 1	VANGUARD WORLD FDS	CALL	
92204A 95 1	VANGUARD WORLD FDS	PUT	
92204A 87 6 *	VANGUARD WORLD FDS	UTILITIES ETF	
92204A 90 6	VANGUARD WORLD FDS	CALL	
92204A 95 6	VANGUARD WORLD FDS	PUT	
92204A 88 4 *	VANGUARD WORLD FDS	COMM SRVC ETF	
92204A 90 4	VANGUARD WORLD FDS	CALL	
92204A 95 4	VANGUARD WORLD FDS	PUT	
922042 67 6 *	VANGUARD INTL EQUITY INDEX F	GLB EX US ETF	
922042 90 6	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 6	VANGUARD INTL EQUITY INDEX F	PUT	
922042 71 8 *	VANGUARD INTL EQUITY INDEX F	FTSE SMCAP ETF	
922042 90 8	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 8	VANGUARD INTL EQUITY INDEX F	PUT	
922042 74 2 *	VANGUARD INTL EQUITY INDEX F	TT WRLD ST ETF	
922042 90 2	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 2	VANGUARD INTL EQUITY INDEX F	PUT	
922042 77 5 *	VANGUARD INTL EQUITY INDEX F	ALLWRLD EX US	
922042 90 5	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 5	VANGUARD INTL EQUITY INDEX F	PUT	
922042 85 8 *	VANGUARD INTL EQUITY INDEX F	FTSE EMR MKT ETF	
922042 90 8	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 8	VANGUARD INTL EQUITY INDEX F	PUT	
922042 86 6 *	VANGUARD INTL EQUITY INDEX F	FTSE PACIFIC ETF	
922042 90 6	VANGUARD INTL EQUITY INDEX F	CALL	
922042 95 6	VANGUARD INTL EQUITY INDEX F	PUT	
922042 87 4 *	VANGUARD INTL EQUITY INDEX F	FTSE EUROPE ETF	
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	

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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	
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	
92211L 10 5	VANTAGE ENERGY ACQUISITION	COM CL A	DELETED
92211L 11 3	VANTAGE ENERGY ACQUISITION	*W EXP 04/12/202	DELETED
92211L 20 4	VANTAGE ENERGY ACQUISITION	UNIT 04/12/2024	DELETED
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	
92240M BC 1	VECTOR GROUP LTD	FRNT	4/1

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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	
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	

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922908 95 8	VANGUARD INDEX FDS	PUT	
922908 55 3 *	VANGUARD INDEX FDS	REAL ESTATE ETF	
922908 90 3	VANGUARD INDEX FDS	CALL	
922908 95 3	VANGUARD INDEX FDS	PUT	
922908 59 5 *	VANGUARD INDEX FDS	SML CP GRW ETF	
922908 90 5	VANGUARD INDEX FDS	CALL	
922908 95 5	VANGUARD INDEX FDS	PUT	
922908 61 1 *	VANGUARD INDEX FDS	SM CP VAL ETF	
922908 90 1	VANGUARD INDEX FDS	CALL	
922908 95 1	VANGUARD INDEX FDS	PUT	
922908 62 9 *	VANGUARD INDEX FDS	MID CAP ETF	
922908 90 9	VANGUARD INDEX FDS	CALL	
922908 95 9	VANGUARD INDEX FDS	PUT	
922908 63 7 *	VANGUARD INDEX FDS	LARGE CAP ETF	
922908 90 7	VANGUARD INDEX FDS	CALL	
922908 95 7	VANGUARD INDEX FDS	PUT	
922908 65 2 *	VANGUARD INDEX FDS	EXTEND MKT ETF	
922908 90 2	VANGUARD INDEX FDS	CALL	
922908 95 2	VANGUARD INDEX FDS	PUT	
922908 73 6 *	VANGUARD INDEX FDS	GROWTH ETF	
922908 90 6	VANGUARD INDEX FDS	CALL	
922908 95 6	VANGUARD INDEX FDS	PUT	
922908 74 4 *	VANGUARD INDEX FDS	VALUE ETF	
922908 90 4	VANGUARD INDEX FDS	CALL	
922908 95 4	VANGUARD INDEX FDS	PUT	
922908 75 1 *	VANGUARD INDEX FDS	SMALL CP ETF	
922908 90 1	VANGUARD INDEX FDS	CALL	
922908 95 1	VANGUARD INDEX FDS	PUT	
922908 76 9 *	VANGUARD INDEX FDS	TOTAL STK MKT	
922908 90 9	VANGUARD INDEX FDS	CALL	
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	

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92336X AA 7	VEONEER INCORPORATED	NOTE 4.000% 6/0	ADDED
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	
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	
92337U 10 4	VERB TECHNOLOGY CO INC	COM	ADDED
92337U 11 2	VERB TECHNOLOGY CO INC	*W EXP 03/14/202	ADDED
92339V 10 0 *	VEREIT INC	COM	
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	
923451 90 8	VERITEX HLDGS INC	CALL	
923451 95 8	VERITEX HLDGS INC	PUT	
923454 10 2 *	VERITIV CORP	COM	
923454 90 2	VERITIV CORP	CALL	

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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	
92511W 10 8	VERRICA PHARMACEUTICALS INC	COM	
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	
92535C 10 4	VERTICAL CAP INCOME FUND	SHS BEN INT	ADDED
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	

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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 AE 5	VIAVI SOLUTIONS INC	NOTE 1.750% 6/0	ADDED
925550 10 5 *	VIAVI SOLUTIONS INC	COM	
925550 90 5	VIAVI SOLUTIONS INC	CALL	
925550 95 5	VIAVI SOLUTIONS INC	PUT	
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	

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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	
92707Y 10 8 *	VILLAGE FARMS INTL INC	COM	
92707Y 90 8	VILLAGE FARMS INTL INC	CALL	
92707Y 95 8	VILLAGE FARMS INTL INC	PUT	
927107 40 9	VILLAGE SUPER MKT INC	CL A NEW	
92719W 20 7 *	VINCE HLDG CORP	COM NEW	
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 10 3 *	VIPSHOP HLDGS LTD	SPONSORED ADS A	
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 40 5	VIRTUS ETF TR II	SEIX SR LN ETF	ADDED
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	

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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	
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	
92836Y 10 2	VISLINK TECHNOLOGIES INC	COM	DELETED
92836Y 20 1	VISLINK TECHNOLOGIES INC	COM NEW	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
92847R 90 4	VITAL THERAPIES INC	CALL	DELETED
92847R 95 4	VITAL THERAPIES INC	PUT	DELETED
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	
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 AB 3	VOCERA COMMUNICATIONS INC	NOTE 1.500% 5/1	ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
92936U 10 9 *	W P CAREY INC	COM	
92936U 90 9	W P CAREY INC	CALL	
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	
92940W AB 5	WIX COM LTD	NOTE	7/0 ADDED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
930752 90 0	WAITR HLDGS INC	CALL	
930752 95 0	WAITR HLDGS INC	PUT	
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	
938824 90 9	WASHINGTON FED INC	CALL	
938824 95 9	WASHINGTON FED INC	PUT	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	
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 AC 5	WEIBO CORP	NOTE 1.250%11/1	ADDED
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
949746 95 1	WELLS FARGO CO NEW	PUT	
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 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
958102 90 5	WESTERN DIGITAL CORP	CALL	
958102 95 5	WESTERN DIGITAL CORP	PUT	
958435 10 9	WESTERN ASSET INTM MUNI FD I	COM	
958669 10 3 *	WESTERN MIDSTREAM PARTNERS L	COM UNIT LP INT	
958669 90 3	WESTERN MIDSTREAM PARTNERS L	CALL	
958669 95 3	WESTERN MIDSTREAM PARTNERS L	PUT	
958892 10 1 *	WESTERN NEW ENG BANCORP INC	COM	
958892 90 1	WESTERN NEW ENG BANCORP INC	CALL	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
961684 20 6	WESTWATER RES INC	COM NEW	ADDED
961765 10 4 *	WESTWOOD HLDGS GROUP INC	COM	
961765 90 4	WESTWOOD HLDGS GROUP INC	CALL	
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	DELETED
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
96758W 10 1 *	WIDOPENWEST INC	COM	
96758W 90 1	WIDOPENWEST INC	CALL	
96758W 95 1	WIDOPENWEST INC	PUT	
967590 10 0	WIDEPOINT CORP	COM	
968223 20 6 *	WILEY JOHN & SONS INC	CL A	
968223 90 6	WILEY JOHN & SONS INC	CALL	
968223 95 6	WILEY JOHN & SONS INC	PUT	
968223 30 5	WILEY JOHN & SONS INC	CL B	
968235 20 0	WILHELMINA INTL INC	COM NEW	
969136 10 0	WILLAMETTE VY VINEYARD INC	COM	
96924N 10 0 *	WILLDAN GROUP INC	COM	
96924N 90 0	WILLDAN GROUP INC	CALL	
96924N 95 0	WILLDAN GROUP INC	PUT	
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	
971375 90 6	WILLSCOT CORP	CALL	
971375 95 6	WILLSCOT CORP	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	
97651M 10 9 *	WIPRO LTD	SPON ADR 1 SH	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	
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 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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717W 39 8	WISDOMTREE TR	NEGT DUR HIG YLD	
97717W 40 6 *	WISDOMTREE TR	US DIVID EX FNCL	
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 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 SMALLCAP FUND	
97717W 57 0	WISDOMTREE TR	US MIDCAP FUND	
97717W 58 8	WISDOMTREE TR	US LARGE CAP FUND	
97717W 59 6	WISDOMTREE TR	US TOTAL MRKT FD	
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	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
97717W 80 2	WISDOMTREE TR	ITL HIGH 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	EUROPE MULTIFCTR	
97717X 26 3	WISDOMTREE TR	CURRENCY INT EQ	
97717X 27 1	WISDOMTREE TR	DYNAMIC INT EQ	
97717X 28 9	WISDOMTREE TR	JAPAN MULTIFCTOR	
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 51 1	WISDOMTREE TR	YIELD ENHANCD US	
97717X 55 2 *	WISDOMTREE TR	EUR HDG SMLCAP	
97717X 90 2	WISDOMTREE TR	CALL	
97717X 95 2	WISDOMTREE TR	PUT	
97717X 56 0	WISDOMTREE TR	CBOE S&P 500	

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97717X 57 8	WISDOMTREE TR	EM EX ST-OWNED	
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 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 71 7	WISDOMTREE TR	MODRN TEC PLAT	ADDED
97717Y 73 3	WISDOMTREE TR	INDIA EX STATE	ADDED
97717Y 74 1	WISDOMTREE TR	YIELD ENHND FD	
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	
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	

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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	
981064 10 8	WOORI FINANCIAL GROUP INC	SPONSORED ADS	
98138H AD 3	WORKDAY INC	NOTE 1.500% 7/1	
98138H AF 8	WORKDAY INC	NOTE 0.250%10/0	
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 AB 4	WORLD WRESTLING ENTMT INC	NOTE 3.375%12/1	
98156Q 10 8 *	WORLD WRESTLING ENTMT INC	CL A	
98156Q 90 8	WORLD WRESTLING ENTMT INC	CALL	
98156Q 95 8	WORLD WRESTLING ENTMT INC	PUT	
981811 10 2 *	WORTHINGTON INDS INC	COM	
981811 90 2	WORTHINGTON INDS INC	CALL	
981811 95 2	WORTHINGTON INDS INC	PUT	
98212B 10 3 *	WPX ENERGY INC	COM	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
98212B 90 3	WPX ENERGY INC	CALL	
98212B 95 3	WPX ENERGY INC	PUT	
98212N 10 7 *	WRAP TECHNOLOGIES INC	COM	
98212N 90 7	WRAP TECHNOLOGIES INC	CALL	
98212N 95 7	WRAP TECHNOLOGIES INC	PUT	
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	
98372W 10 3	X FINANCIAL	SPONSORED ADS	
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	
98400H 90 2	XBIOTECH INC	CALL	
98400H 95 2	XBIOTECH INC	PUT	
98400M 10 1	XCEL BRANDS INC	COM NEW	
98400T 10 6	XAI OCTAGON FLOATNG RATE ALT	COM	
98401F 10 5 *	XENCOR INC	COM	
98401F 90 5	XENCOR INC	CALL	

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
98401F 95 5	XENCOR INC	PUT	
984015 20 6	XENETIC BIOSCIENCES INC	COM NEW	DELETED
984015 50 3	XENETIC BIOSCIENCES INC	COM	ADDED
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	
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	
98420N 95 5	XENON PHARMACEUTICALS INC	PUT	
98420P 30 8	XTANT MED HLDGS INC	COM NEW	
98420U 60 4 *	XPRESSPA GROUP INC	COM NEW	
98420U 90 4	XPRESSPA GROUP INC	CALL	
98420U 95 4	XPRESSPA GROUP INC	PUT	
98420X 10 3	X4 PHARMACEUTICALS INC	COM	
98421B 10 0 *	XPERI CORP	COM	
98421B 90 0	XPERI CORP	CALL	
98421B 95 0	XPERI CORP	PUT	
98421X 10 2	XYNOMIC PHARMACUTCLS HLDNG I	COM	ADDED
98421X 11 0	XYNOMIC PHARMACUTCLS HLDNG I	*W EXP 05/15/202	ADDED

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CUSIP NO	ISSUER NAME	ISSUER DESCRIPTION	STATUS
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	DELETED
98426T 10 6 *	YY INC	SPONSORED ADS A	
98426T 90 6	YY INC	CALL	
98426T 95 6	YY INC	PUT	
98462Y 10 0 *	YAMANA GOLD INC	COM	
98462Y 90 0	YAMANA GOLD INC	CALL	
98462Y 95 0	YAMANA GOLD INC	PUT	
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	
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	
98585X 90 4	YETI HLDGS INC	CALL	
98585X 95 4	YETI HLDGS INC	PUT	
986005 10 6	YOGAWORKS INC	COM	
987184 10 8 *	YORK WTR CO	COM	

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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	
98873N 10 7	YUNJI INC	ADS RP CL A	ADDED
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	
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 AB 7	ZENDESK INC	NOTE 0.250% 3/1	
98936J 10 1 *	ZENDESK INC	COM	
98936J 90 1	ZENDESK INC	CALL	
98936J 95 1	ZENDESK INC	PUT	

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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	
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	
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	
98979V 10 2 *	ZOVIO INC	COM	ADDED

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98979V 90 2	ZOVIO INC	CALL	ADDED
98979V 95 2	ZOVIO INC	PUT	ADDED
98980A 10 5 *	ZTO EXPRESS CAYMAN INC	SPONSORED ADS A	
98980A 90 5	ZTO EXPRESS CAYMAN INC	CALL	
98980A 95 5	ZTO EXPRESS CAYMAN INC	PUT	
98980G 10 2 *	ZSCALER INC	COM	
98980G 90 2	ZSCALER INC	CALL	
98980G 95 2	ZSCALER INC	PUT	
98980L 10 1 *	ZOOM VIDEO COMMUNICATIONS IN	CL A	ADDED
98980L 90 1	ZOOM VIDEO COMMUNICATIONS IN	CALL	ADDED
98980L 95 1	ZOOM VIDEO COMMUNICATIONS IN	PUT	ADDED
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	
98986M 10 3	ZYNEX INC	COM	
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	

Total Count: 17,877