

MIAX Sapphire Options Exchange Regulatory Circular 2024-45

DATE: September 13, 2024

TO: MIAX Sapphire Options Members

FROM: MIAX Regulatory Department

RE: Market for Underlying Security Used for Openings on MIAX Sapphire Options Effective Monday, September 16, 2024

The following symbols will start trading on MIAX Sapphire Options (the “Exchange”) beginning Monday, September 16, 2024. As set forth in MIAX Sapphire Options Rule 503(a)(3), the Exchange shall use the market listed below as the “market for the underlying security” for the purpose of Openings on the Exchange.

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
ABEV	AMBEV S.A.	NYSE
ABUS	ARBUTUS BIOPHARMA CORPORATION	NASDAQ
ACCD	ACCOLADE INC	NASDAQ
ACMR	ACM RESEARCH, INC.	NASDAQ
ACWI	ISHARES MSCI ACWI INDEX FUND	NASDAQ
ADMA	ADMA BIOLOGICS INC	NASDAQ
ADP	AUTOMATIC DATA PROCESSING INC	NASDAQ
AEHR	AEHR TEST SYSTEMS	NASDAQ
AER	AERCAP HOLDINGS NV	NYSE
AFL	AFLAC INC.	NYSE
AGI	ALAMOS GOLD INC	NYSE
AHCO	ADAPTHEALTH CORP.	NASDAQ
ALAB	ASTERA LABS, INC.	NASDAQ
ALGM	ALLEGRO MICROSYSTEMS, INC.	NASDAQ
ALGN	ALIGN TECHNOLOGY INC.	NASDAQ
ALIT	ALIGHT, INC.	NYSE
ALK	ALASKA AIR GROUP INC	NYSE
ALL	THE ALLSTATE CORPORATION	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
ALLY	ALLY FINANCIAL INC.	NYSE
ALNY	ALNYLAM PHARMACEUTICALS INC	NASDAQ
AM	ANTERO MIDSTREAM PARTNERS LP	NYSE
AMBA	AMBARELLA, INC.	NASDAQ
AMBC	AMBAC FINANCIAL GROUP, INC.	NYSE
AMKR	AMKOR TECHNOLOGY, INC.	NASDAQ
AMSC	AMERICAN SUPERCONDUCTOR CORP	NASDAQ
AMT	AMERICAN TOWER CL A	NYSE
ANNX	ANNEXON, INC.	NASDAQ
AON	AON PLC	NYSE
APD	AIR PRODUCTS AND CHEMICALS, INC	NYSE
APLS	APELLIS PHARMACEUTICALS INC	NASDAQ
APPS	DIGITAL TURBINE, INC.	NASDAQ
APTIV	APTIV PLC	NYSE
ARCC	ARES CAPITAL CORPORATION	NASDAQ
ARLP	ALLIANCE RESOURCE PARTNERS	NASDAQ
ARQT	ARCUTIS BIOTHERAPEUTICS INC	NASDAQ
ARRY	ARRY TECHNOLOGIES, INC.	NASDAQ
ASAN	ASANA, INC.	NYSE
ASO	ACADEMY SPORTS & OUTDOOR INC	NASDAQ
ASPN	ASPEN AEROGELS, INC.	NYSE
AU	ANGLOGOLD ASHANTI LTD.	NYSE
AUPH	AURINIA PHARMACEUTICALS INC.	NASDAQ
AUR	AURORA INNOVATION, INC.	NASDAQ
AVAV	AEROVIRONMENT INC	NASDAQ
AVDL	AVADEL PHARMACEUTICALS PLC	NASDAQ
AX	AXOS FINANCIAL, INC.	NYSE
AXON	AXON ENTERPRISE, INC	NASDAQ
AXSM	AXSOME THERAPEUTICS, INC.	NASDAQ
AY	ATLANTICA YIELD PLC	NASDAQ
AZEK	AZEK COMPANY INC	NYSE
AZUL	AZUL S.A.	NYSE
BBAI	BIGBEAR.AI HOLDINGS, INC.	NYSE
BBD	BANCO BRADESCO S.A.	NYSE
BBIO	BRIDGEBIO PHARMA INC	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
BCE	BCE INC	NYSE
BCRX	BIOCRYST PHARMACEUTICAS INC	NASDAQ
BCS	BARCLAYS PLC	NYSE
BEN	FRANKLIN RESOURCES INC.	NYSE
BG	BUNGE LIMITED	NYSE
BGS	B&G FOODS INC.	NYSE
BHP	BHP BILLITON LIMITED	NYSE
BHVN	BIOHAVEN LTD	NYSE
BIIB	BIOGEN IDEC INC.	NASDAQ
BIRK	BIRKENSTOCK HOLDING LIMITED	NYSE
BITI	PROSHARES SHORT BITCOIN STRATEGY ETF	NYSE Arca
BJ	BJ'S WAREHOUSE HOLDINGS, INC.	NYSE
BK	THE BANK OF NEW YORK MELLON CORPORATION	NYSE
BKNG	BOOKING HOLDINGS INC.	NASDAQ
BKR	BAKER HUGHES COMPANY	NASDAQ
BL	BLACKLINE INC	NASDAQ
BLDR	BUILDERS FIRSTSOURCE INC.	NYSE
BLK	BLACKROCK INC	NYSE
BLUE	BLUEBIRD BIO INC	NASDAQ
BMRN	BIOMARIN PHARMACEUTICAL INC.	NASDAQ
BNTX	BIONTECH SE	NASDAQ
BOOT	BOOT BARN HOLDINGS, INC.	NYSE
BOX	BOX, INC.	NYSE
BPMC	BLUEPRINT MEDICINES CORPORATION	NASDAQ
BTDR	BITDEER TECHNOLOGIES GROUP CLASS A	NASDAQ
BTG	B2GOLD CORP.	NYSE American
BUD	ANHEUSER-BUSCH INBEV	NYSE
BURL	BURLINGTON STORES INC	NYSE
BW	BABCOCK & WILCOX ENTERPRISES, INC.	NYSE
BXMT	BLACKSTONE MORTGAGE TRUST, INC.	NYSE
BXP	BOSTON PROPERTIES INC	NYSE
BYD	BOYD GAMING CORP.	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
BZFD	BUZZFEED, INC	NASDAQ
CAG	CONAGRA BRANDS, INC.	NYSE
CAH	CARDINAL HEALTH INC	NYSE
CAMT	CAMTEK LTD.	NASDAQ
CAN	CANAAN INC. SPONSORED ADR	NASDAQ
CAR	AVIS BUDGET GROUP INC	NASDAQ
CARR	CARRIER GLOBAL CORPORATION	NYSE
CB	CHUBB LIMITED	NYSE
CBOE	CBOE HOLDINGS, INC.	CBOE BZX
CBRL	CRACKER BARREL OLD COUNTRY STORE	NASDAQ
CC	THE CHEMOURS COMPANY	NYSE
CCI	CROWN CASTLE INTER.	NYSE
CCK	CROWN HOLDINGS INC.	NYSE
CDE	COEUR D' ALENE MINES CORP	NYSE
CDNS	CADENCE DESIGN SYSTEMS, I	NASDAQ
CENX	CENTURY ALUMINUM COMPANY	NASDAQ
CF	CF INDUSTRIES HOLDINGS, INC.	NYSE
CFG	CITIZENS FINANCIAL GROUP, INC.	NYSE
CG	THE CARLYLE GROUP LP	NASDAQ
CHGG	CHEGG, INC	NYSE
CHK	CHESAPEAKE ENERGY CORPORATION	NASDAQ
CHRW	CH ROBINSON WORLDWIDE INC.	NASDAQ
CI	CIGNA CORPORATION	NYSE
CIEN	CIENA CORPORATION	NYSE
CLMT	CALUMET SPECIALTY PRODUCTS PARTNERS, L.P.	NASDAQ
CLX	CLOROX CO	NYSE
CME	CME GROUP INC.	NASDAQ
CNK	CINEMARK HOLDINGS, INC.	NYSE
CNM	CORE & MAIN INC	NYSE
CNQ	CANADIAN NATURAL RESOURCES LIMITED	NYSE
COMM	COMMSCOPE HOLDING CO, INC.	NASDAQ
CONL	GRANITESHARES ETF TRUST GRANITESHARES 2X LONG COIN	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
COPX	GLOBAL X COPPER MINERS ETF	NYSE Arca
CORT	CORCEPT THERAPEUTICS INCORPORATED	NASDAQ
COUR	COURSERA, INC.	NYSE
CP	CANADIAN PACIFIC RAILWAY LIMITED	NYSE
CPB	CAMPBELL SOUP CO	NASDAQ
CPRT	COPART INC	NASDAQ
CRDO	CREDO TECHNOLOGY GROUP HOLDING LTD.	NASDAQ
CRGY	CRESCENT ENERGY COMPANY	NYSE
CRH	CRH PLC	NYSE
CRK	COMSTOCK RESOURCES INC.	NYSE
CRNC	CERENCE INC.	NASDAQ
CRON	CRONOS GROUP INC.	NASDAQ
CRS	CARPENTER TECHNOLOGY CORP.	NYSE
CRTO	CRITEO SA	NASDAQ
CSGP	LOOPNET, INC. (MERGER)	NASDAQ
CSTM	CONSTELLIUM N.V	NYSE
CSX	CSX CORPORATION	NASDAQ
CTLT	CATALENT, INC.	NYSE
CTMX	CYTOMX THERAPEUTICS, INC.	NASDAQ
CTRA	COTERRA ENERGY INC.	NYSE
CTSH	COGNIZANT TECHNOLOGY SOLUTIONS CORPORATION	NASDAQ
CTVA	CORTEVA, INC.	NYSE
CWH	CAMPING WORLD HOLDINGS, INC.	NYSE
CXM	SPRINKLR, INC.	NYSE
CXW	CORRECTIONS CORPORATION OF AMERICA	NYSE
CYBR	CYBERARK SOFTWARE, LTD.	NASDAQ
CYH	COMMUNITY HEALTH SYSTEMS, INC.	NYSE
CYTK	CYTOKINETICS, INCORPORATED	NASDAQ
DAR	DARLING INTERNATIONAL, INC.	NYSE
DAY	DAYFORCE, INC.	NYSE
DBI	DESIGNER BRANDS INC.	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
DBRG	DIGITALBRIDGE GROUP, INC.	NYSE
DDD	3D SYSTEMS CORPORATION	NYSE
DECK	DECKERS OUTDOOR CORPORATION	NYSE
DFS	DISCOVER FINANCIAL SERVICES	NYSE
DHT	DHT HOLDINGS, INC.	NYSE
DLO	DLOCAL, LTD	NASDAQ
DLR	DIGITAL REALTY TRUST INC	NYSE
DM	DESKTOP METAL, INC.	NYSE
DNA	GINKGO BIOWORKS HOLDINGS, INC.	NYSE
DNN	DENISON MINES CORP.	NYSE American
DNUT	KRISPY KREME, INC	NASDAQ
DOCN	DIGITALOCEAN HOLDINGS, INC.	NYSE
DOCS	DOXIMITY, INC	NYSE
DPZ	DOMINO'S PIZZA INC	NYSE
DQ	DAQO NEW ENERGY CORP	NYSE
DRI	DARDEN RESTAURANTS, INC.	NYSE
DT	DYNATRACE INC	NYSE
DUOL	DUOLINGO, INC.	NASDAQ
DV	DOUBLEVERIFY HOLDINGS INC	NYSE
DVA	DAVITA HEALTHCARE PARTNERS INC.	NYSE
DXC	DXC TECHNOLOGY COMPANY	NYSE
EAT	BRINKER INT'L, INC.	NYSE
EBS	EMERGENT BIOSOLUTIONS, INC.	NYSE
ED	CON EDISON	NYSE
EDIT	EDITAS MEDICINE, INC.	NASDAQ
EDR	ENDEAVOR GROUP HOLDINGS, INC.	NYSE
EGO	ELDORADO GOLD CORPORATION	NYSE
EH	EHANG HOLDINGS LTD. SPONSORED ADR	NASDAQ
ELAN	ELANCO ANIMAL HEALTH INCORPORATED	NYSE
ELV	ELEVANCE HEALTH, INC	NYSE
EMR	EMERSON ELECTRIC COMPANY	NYSE
ENB	ENBRIDGE INC	NYSE
ENTG	ENTEGRIS, INC.	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
EQNR	EQUINOR ASA	NYSE
EQX	EQUINOX GOLD CORP.	NYSE American
ERJ	EMBRAER S.A.	NYSE
ERX	DIREXION DAILY ENERGY BULL 3X SHARES	NYSE Arca
ESPR	ESPERION THERAPEUTICS, INC.	NASDAQ
ESTC	ELASTIC N.V.	NYSE
ETN	EATON CORPORATION PLC	NYSE
EU	ENCORE ENERGY CORP.	NASDAQ
EVGO	EVGO INC.	NASDAQ
EVLV	EVOLV TECHNOLOGIES HOLDINGS, INC.	NASDAQ
EVRI	EVERI HOLDINGS INC.	NYSE
EWC	ISHARES CANADA INDEX ETF	NYSE Arca
EWH	ISHARES MSCI HONG KONG INDEX	NYSE Arca
EXAS	EXACT SCIENCES CORP.	NASDAQ
EXC	EXELON CORPORATION	NASDAQ
EXEL	EXELIXIS, INC.	NASDAQ
EXK	ENDEAVOUR SILVER CORP.	NYSE
EXPI	EXP WORLD HOLDINGS, INC.	NASDAQ
EYPT	EYEPOINT PHARMACEUTICALS, INC.	NASDAQ
FANG	DIAMONDBACK ENERGY, INC.	NASDAQ
FAST	FASTENAL COMPANY	NASDAQ
FAZ	DIREXION DAILY FINANCIAL BEAR 3X SHARES	NYSE Arca
FEZ	SPDR EURO STOXX 50 ETF	NYSE Arca
FGEN	FIBROGEN, INC.	NASDAQ
FHN	FIRST HORIZON NATIONAL CORPORATION	NYSE
FI	FISERV, INC	NYSE
FIS	FIDELITY NATIONAL INFORMATION SERVICES, INC.	NYSE
FITB	FIFTH THIRD BANCORP	NASDAQ
FIVN	FIVE9, INC.	NASDAQ
FLEX	FLEX LTD.	NASDAQ
FLNC	FLUENCE ENERGY, INC.	NASDAQ
FLR	FLUOR CORPORATION	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
FMC	FMC CORPORATION	NYSE
FND	FLOOR & DECOR HOLDINGS, INC.	NYSE
FNV	FRANCO-NEVADA CORPORATION	NYSE
FOUR	SHIFT4 PAYMENTS, INC.	NYSE
FOXA	(NEW) FOX CORPORATION CLASS A	NASDAQ
FRO	FRONTLINE LIMITED	NYSE
FROG	JFROG LTD.	NASDAQ
FSM	FORTUNA SILVER MINES INC.	NYSE
FTAI	FORTRESS TRANSPORTATION AND INFRASTRUCTURE INVESTORS LLC	NASDAQ
FTDR	FRONTDOOR, INC.	NASDAQ
FTI	FMC TECHNOLOGIES, INC.	NYSE
FVRR	FIVERR INTERNATIONAL LTD.	NYSE
FWRD	FORWARD AIR CORPORATION	NASDAQ
FXV	CURRENCYSHARES JAPANESE YEN TRUST	NYSE Arca
FYBR	FRONTIER COMMUNICATIONS PARENT, INC	NASDAQ
GD	GENERAL DYNAMICS CORPORATION	NYSE
GDDY	GODADDY INC.	NYSE
GEHC	GE HEALTHCARE TECHNOLOGIES INC.	NASDAQ
GEN	GEN DIGITAL INC.	NASDAQ
GERN	GERON CORPORATION	NASDAQ
GES	GUESS? INC.	NYSE
GFI	GOLD FIELDS LTD.	NYSE
GFS	GLOBALFOUNDRIES INC.	NASDAQ
GGAL	GRUPO FINANCIERO GALICIA S.A.	NASDAQ
GH	GUARDANT HEALTH, INC.	NASDAQ
GIS	GENERAL MILLS, INC.	NYSE
GL	GLOBE LIFE INC.	NYSE
GLBE	GLOBAL ONLINE LTD	NASDAQ
GLNG	GOLAR LNG LTD	NASDAQ
GNRC	GENERAC HOLDINGS INC	NYSE
GOGL	GOLDEN OCEAN GROUP LIMITED	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
GOOS	CANADA GOOSE HOLDINGS INC.	NYSE
GOTU	GSX TECHEDU INC.	NYSE
GPCR	STRUCTURE THERAPEUTIC INC	NASDAQ
GPN	GLOBAL PAYMENTS INC.	NYSE
GPRE	GREEN PLAINS RENEWABLE ENERGY, INC.	NASDAQ
GRND	GRINDR INC COM	NYSE
GSAT	GLOBALSTAR, INC	NYSE American
GSL	GLOBAL SHIP LEASE, INC.	NYSE
GT	GOODYEAR TIRE & RUBBER COMPANY	NASDAQ
GTHX	G1 THERAPEUTICS, INC.	NASDAQ
GUSH	DIREXION DLY S&P OIL&GS EX&PRD BL 3X ETF	NYSE Arca
GXO	GXO LOGISTICS INC	NYSE
HAS	HASBRO INC.	NASDAQ
HBAN	HUNTINGTON BANCSHARES INCORPORATED	NASDAQ
HBI	HANESBRANDS INC.	NYSE
HBM	HUDBAY MINERALS, INC.	NYSE
HCA	HCA HOLDINGS, INC.	NYSE
HCP	HASHICORP, INC.	NASDAQ
HEAR	TURTLE BEACH CORPORATION	NASDAQ
HELE	HELEN OF TROY LTD	NASDAQ
HIMX	HIMAX TECHNOLOGIES, INC.	NASDAQ
HIVE	HIVE BLOCKCHAIN TECHNOLOGIES LTD.	NASDAQ
HLF	HERBALIFE LTD.	NYSE
HLT	HILTON WORLDWIDE HOLDINGS INC.	NYSE
HMY	HARMONY GOLD MINING COMPANY LIMITED	NYSE
HOG	HARLEY-DAVIDSON, INC.	NYSE
HPP	HUDSON PACIFIC PROPERTIES INC.	NYSE
HR	HEALTHCARE REALTY TRUST INCORPORATED	NYSE
HRL	HORMEL FOODS CORPORATION	NYSE
HROW	HARROW HEALTH INC	NASDAQ
HSBC	HSBC HOLDINGS PLC	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
HTGC	HERCULES CAPITAL, INC.	NYSE
HUBS	HUBSPOT, INC.	NYSE
HUMA	HUMACYTE, INC.	NASDAQ
HUN	HUNTSMAN CORPORATION	NYSE
HWM	HOWMET AEROSPACE INC	NYSE
IAU	ISHARES GOLD TRUST	NYSE Arca
IBKR	INTERACTIVE BROKERS GROUP INC	NASDAQ
IBN	ICICI BANK LIMITED	NYSE
ICE	INTERCONTINENTAL EXCHANGE INC	NYSE
ICLN	ISHARES GLOBAL CLEAN ENERGY ETF	NASDAQ
IGT	INTERNATIONAL GAME TECHNOLOGY PLC	NYSE
IJR	ISHARES CORE S&P SMALL-CAP ETF	NYSE Arca
ILMN	ILLUMINA INC.	NASDAQ
INCY	INCYTE GENOMICS INC	NASDAQ
INDI	INDIE SEMICONDUCTOR, INC	NASDAQ
INFY	INFOSYS LTD.	NYSE
INMD	INMODE LTD.	NASDAQ
INSP	INSPIRE MEDICAL SYSTEMS INC	NYSE
IONS	IONIS PHARMACEUTICALS, INC.	NASDAQ
IQV	IQVIA HOLDINGS INC.	NYSE
IR	INGERSOLL-RAND PLC	NYSE
IRBT	IROBOT CORPORATION	NASDAQ
IRM	IRON MOUNTAIN INC. (ELEC DIV)	NYSE
ITUB	ITAU UNIBANCO HOLDING S.A.	NYSE
IVZ	INVESCO LTD	NYSE
JBHT	JB HUNT TRANSPORT SERVICES INC.	NASDAQ
JBL	JABIL CIRCUIT INC.	NYSE
JEF	JEFFERIES FINANCIAL GROUP INC.	NYSE
JNUG	DIREXION DAILY JR GLD MNRS BULL 3X ETF	NYSE Arca
JWN	NORDSTROM INC.	NYSE
KBE	SPDR S&P BANK ETF	NYSE Arca
KBH	KB HOME	NYSE
KBR	KBR, INC.	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
KD	KYNDRYL HOLDINGS INCORPORATION	NYSE
KDP	KEURIG DR. PEPPER INC.	NASDAQ
KEYS	KEYSIGHT TECHNOLOGIES INC.	NYSE
KLAC	KLA-TENCOR CORPORATION	NASDAQ
KMB	KIMBERLY-CLARK CORPORATION	NYSE
KNX	KNIGHT-SWIFT TRANSPORTATION HOLDINGS INC.	NYSE
KODK	EASTMAN KODAK COMPANY	NYSE
KOS	KOSMOS ENERGY LTD	NYSE
KTOS	KRATOS DEFENSE & SECURITY SOLUTIONS, INC.	NASDAQ
LABD	DIREXION DAILY S&P BIOTECH BEAR 3X ETF	NYSE Arca
LAC	LITHIUM AMERICAS CORP	NYSE
LBTYA	LIBERTY GLOBAL INC	NASDAQ
LEG	LEGGETT & PLATT, INC.	NYSE
LEVI	LEVI STRAUSS & CO.	NYSE
LIN	LINDE PLC	NASDAQ
LIT	GLOBAL X LITHIUM & BATTERY ETF	NYSE Arca
LNC	LINCOLN NATIONAL CORPORATION	NYSE
LNG	CHENIERE ENERGY, INC.	NYSE
LNTH	LANTHEUS HOLDINGS, INC	NASDAQ
LPSN	LIVEPERSON, INC.	NASDAQ
LQDA	LIQUIDIA CORPORATION	NASDAQ
LSCC	LATTICE SEMICONDUCTOR CORPORATION	NASDAQ
LU	LUFAX HOLDING LTD	NYSE
LUNR	INTUITIVE MACHINES, INC. CLASS A	NASDAQ
LXRX	LEXICON PHARMACEUTICALS, INC.	NASDAQ
LYB	LYONDELLBASELL INDUSTRIES NV	NYSE
LYV	LIVE NATION ENTERTAINMENT INC	NYSE
LZ	LEGALZOOM.COM, INC	NASDAQ
MAR	MARRIOTT INTERNATIONAL, INC.	NASDAQ
MAT	MATTEL, INC.	NASDAQ
MATV	MATIV HOLDINGS, INC.	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
MBB	ISHARES BARCLAYS MBS BOND FUND ETF	NASDAQ
MCHI	ISHARES MSCI CHINA ETF	NASDAQ
MCK	MCKESSON CORPORATION	NYSE
MCRB	SERES THERAPEUTICS, INC.	NASDAQ
MDLZ	MONDELEZ INTERNATIONAL, INC.	NASDAQ
ME	23ANDME HOLDING CO.	NASDAQ
MED	MEDIFAST, INC.	NYSE
MELI	MERCADOLIBRE INC	NASDAQ
MET	METLIFE, INC.	NYSE
MGA	MAGNA INTERNATIONAL INC.	NYSE
MGNI	MAGNITE, INC.	NASDAQ
MJ	ETFMG ALTERNATIVE HARVEST ETF	NYSE Arca
MKC	MCCORMICK AND COMPANY, INC.	NYSE
MLCO	MELCO RESORTS & ENTERTAINMENT LIMITED	NASDAQ
MNDY	MONDAY.COM LTD	NASDAQ
MNKD	MANNKIND CORPORATION	NASDAQ
MNMD	MIND MEDICINE INC.	NASDAQ
MOD	MODINE MANUFACTURING COMPANY	NYSE
MP	MP MATERIALS CORPORATION	NYSE
MPLX	MPLX LP	NYSE
MRUS	MERUS N.V.	NASDAQ
MSOX	ADVISORSHARES MSOS 2X DAILY ETF	NYSE Arca
MT	ARCELORMITTAL	NYSE
MTDR	MATADOR RESOURCES COMPANY	NYSE
MTTR	MATTERPORT, INC.	NASDAQ
MTUM	ALTRIA GROUP, INC	CBOE BZX
MTZ	MASTEC INC	NYSE
MUB	ISHARES S&P NATIONAL AMT FREE MUNICIPAL BOND FUND	NYSE Arca
MVIS	MICROVISION, INC.	NASDAQ
NAT	NORDIC AMERICAN TANKERS LTD	NYSE
NBR	NABORS INDUSTRIES LTD.	NYSE
NDAQ	NASDAQ OMX GROUP	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
NEGG	NEWEGG COMMERCE, INC.	NASDAQ
NEXT	NEXTDECADE CORP.	NASDAQ
NGD	NEW GOLD, INC.	NYSE American
NICE	NICE LTD.	NASDAQ
NMM	NAVIOS MARITIME PARTNERS LP	NYSE
NN	NEXNAV INC.	NASDAQ
NNOX	NANO-X IMAGING LTD	NASDAQ
NOC	NORTHROP GRUMMAN CORP	NYSE
NSC	NORFOLK SOUTHERN CORPORATION	NYSE
NTES	NETEASE, INC.	NASDAQ
NTGR	NETGEAR INC	NASDAQ
NTLA	INTELLIA THERAPEUTICS INC.	NASDAQ
NTNX	NUTANIX, INC.	NASDAQ
NUE	NUCOR CORPORATION	NYSE
NVD	GRANITESHARES ETF TRUST 2X SHORT NVDA DAILY ETF	NASDAQ
NVS	NOVARTIS AG	NYSE
NVTS	NAVITAS SEMICONDUCTOR CORPORATION	NASDAQ
NWL	NEWELL RUBBERMAID, INC.	NASDAQ
NXPI	NXP SEMICONDUCTORS NV	NASDAQ
OCGN	OCUGEN INC	NASDAQ
ODD	ODDITY TECH LTD	NASDAQ
ODFL	OLD DOMINION FREIGHT LINE (150 SHARES)	NASDAQ
OGN	ORGANON & CO.	NYSE
OHI	OMEGA HEALTHCARE INVESTORS, INC.	NYSE
OKE	ONEOK, INC.	NYSE
OLLI	OLLIE'S BARGAIN OUTLET HOLDINGS, INC.	NASDAQ
OLPX	OLAPLEX HOLDINGS INC	NASDAQ
OMEX	ODYSSEY MARINE EXPLORATION INC.	NASDAQ
OMF	ONEMAIN HOLDINGS, INC.	NYSE
OPK	OPKO HEALTH, INC.	NASDAQ
OPRA	OPERA LIMITED	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
OSCR	OSCAR HEALTH INC.	NYSE
OUST	OUSTER, INC	NYSE
OVV	OVINTIV INC.	NYSE
OWL	BLUE OWL CAPITAL INC.	NYSE
OZK	BANK OZK	NASDAQ
PAGS	PAGSEGURO DIGITAL LTD.	NYSE
PAYC	PAYCOM SOFTWARE, INC.	NYSE
PAYO	PAYONEER GLOBAL INC.	NASDAQ
PAYX	PAYCHEX, INC	NASDAQ
PBF	PBF ENERGYINC.	NYSE
PCAR	PACCAR INC.	NASDAQ
PCRX	PACIRA PHARMACEUTICALS, INC./DE	NASDAQ
PEG	PUBLIC SERVICE ENT GROUP INC	NYSE
PGR	PROGRESSIVE CORPORATION	NYSE
PGY	PAGAYA TECHNOLOGIES LTD	NASDAQ
PH	PARKER-HANNIFIN CORP	NYSE
PHM	PULTEGROUP, INC.	NYSE
PII	POLARIS INDUSTRIES, INC.	NYSE
PLAY	DAVE & BUSTER'S ENTERTAINMENT, INC.	NASDAQ
PLCE	CHILDREN'S PLACE RETAIL	NASDAQ
PLD	PROLOGIS INC.	NYSE
PLNT	PLANET FITNESS, INC.	NYSE
PNR	PENTAIR PLC	NYSE
PODD	INSULET CORPORATION	NASDAQ
PPG	PPG INDUSTRIES INC.	NYSE
PPL	PPL CORPORATION	NYSE
PR	PERMIAN RESOURCES CORPORATION	NYSE
PRGO	PERRIGO COMPANY	NYSE
PRU	PRUDENTIAL FINANCIAL, INC.	NYSE
PSEC	PROSPECT CAPTIAL CORPORATION	NASDAQ
PSNY	POLESTAR AUTOMOTIVE HOLDING UK PLC	NASDAQ
PSTG	PURE STORAGE, INC.	NYSE
PSX	PHILLIPS 66	NYSE
PTLO	PORTILLOS INC	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
PVH	PVH CORP.	NYSE
PWR	QUANTA SERVICES, INC.	NYSE
QLD	PROSHARES ULTRA QQQ	NYSE Arca
QRVO	QORVO, INC.	NASDAQ
QSR	RESTAURANT BRANDS INTERNATIONAL INC.	NYSE
QURE	UNIQURE N.V.	NASDAQ
RBRK	RUBRIK, INC.	NYSE
RCM	R1 RCM INC	NASDAQ
REAL	REALREAL INC	NASDAQ
REI	RING ENERGY, INC.	NYSE American
RF	REGIONS FINANCIAL CORPORATION	NYSE
RIO	RIO TINTO PLC	NYSE
RITM	RITHM CAPITAL CORPORATION	NYSE
RJF	RAYMOND JAMES FINANCIAL INC	NYSE
RL	RALPH LAUREN CORPORATION	NYSE
RMD	RESMED, INC.	NYSE
RNG	RINGCENTRAL, INC.	NYSE
ROIV	ROIVANT SCIENCES LTD	NASDAQ
ROL	ROLLINS, INC.	NYSE
ROOT	ROOT, INC. DELAWARE	NASDAQ
ROST	ROSS STORES INC.	NASDAQ
RPD	RAPID7, INC.	NASDAQ
RRC	RANGE RESOURCES CORPORATION	NYSE
RSI	RUSH STREET INTERACTIVE, INC.	NYSE
RY	ROYAL BANK OF CANADA	NYSE
SAGE	SAGE THERAPEUTICS, INC.	NASDAQ
SANA	SANA BIOTECHNOLOGY INC.	NASDAQ
SATS	EHOSTAR CORP	NASDAQ
SBLK	STAR BULK CARRIERS CORPORATION	NASDAQ
SCCO	SOUTHERN COPPER CORPORATION	NYSE
SCHD	SCHWAB US DIVIDEND EQUITY ETF	NYSE Arca
SDOW	PROSHARES ULTRAPRO SHORT DOW30	NYSE Arca
SDS	PROSHARES ULTRASHORT S&P500	NYSE Arca
SFIX	STITCH FIX, INC.	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
SGH	SMART GLOBAL HOLDINGS, INC.	NASDAQ
SGMO	SANGAMO THERAPEUTICS, INC.	NASDAQ
SH	PROSHARES SHORT S&P 500	NYSE Arca
SHAK	SHAKE SHACK INC.	NYSE
SHLS	SHOALS TECHNOLOGIES GROUP	NASDAQ
SIG	SIGNET JEWELERS LIMITEDSHS	NYSE
SIL	GLOBAL X SILVER MINERS ETF	NYSE Arca
SILV	SILVERCREST METALS INC.	NYSE American
SJM	J M SMUCKER COMPANY (THE)	NYSE
SKIN	THE BEAUTY HEALTH COMPANY	NASDAQ
SKX	SKETCHERS USA INCORPORATED	NYSE
SLG	SL GREEN REALTY CORP.	NYSE
SLS	SELLAS LIFE SCIENCES GROUP, INC.	NASDAQ
SMAR	SMARTSHEET INC.	NYSE
SMG	THE SCOTTS MIRACLE-GRO COMPANY	NYSE
SMMT	SUMMIT THERAPEUTICS INC.	NASDAQ
SMTC	SEMTECH CORPORATION	NASDAQ
SNBR	SLEEP NUMBER CORPORATION	NASDAQ
SNPS	SYNOPSIS INC.	NASDAQ
SNY	SANOFI	NASDAQ
SONY	SONY GROUP CORPORATION	NYSE
SPG	SIMON PROPERTY GROUP INC.	NYSE
SPGI	S&P GLOBAL INC.	NYSE
SPHR	SPHERE ENTERTAINMENT CO.	NYSE
SPXU	PROSHARES ULTRAPRO SHORT S&P500	NYSE Arca
SRG	SERITAGE GROWTH PROPERTIES	NYSE
SSO	PROSHARES ULTRA S&P500	NYSE Arca
SSRM	SSR MINING INC.	NASDAQ
ST	SENSATA TECHNOLOGIES HOLDING	NYSE
STM	STMICROELECTRONICS NV	NYSE
STT	STATE STREET CORPORATION	NYSE
STWD	STARWOOD PROPERTY TRUST, INC.	NYSE
STZ	CONSTELLATION BRANDS INC.	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
SWBI	SMITH & WESSON BRANDS, INC. (SWBI)	NASDAQ
SWK	STANLEY BLACK & DECKER	NYSE
SWN	SOUTHWESTERN ENERGY COMPANY	NYSE
SYF	SYNCHRONY FINANCIAL	NYSE
SYK	STRYKER CORP	NYSE
SYY	SYSCO CORPORATION	NYSE
TAL	TAL INTERNATIONAL GROUP INC	NYSE
TAP	MOLSON COORS BREWING CO.	NYSE
TBT	PROSHARES ULTRASHORT 20+ YEAR TREASURY	NYSE Arca
TCOM	TRIP.COM GROUP LIMITED	NASDAQ
TD	TORONTO DOMINION BANK	NYSE
TDS	TELEPHONE & DATA SYSTEMS INC.	NYSE
TECL	DIREXION DAILY TECHNOLOGY BULL 3X ETF	NYSE Arca
TER	TERADYNE,INC	NASDAQ
TH	TARGET HOSPITALITY CORP.	NASDAQ
THC	TENET HEALTHCARE CORP (25 SHRS)	NYSE
TIGR	UP FINTECH HOLDINGS LIMITED	NASDAQ
TKO	TKO GROUP HOLDINGS, INC.	NYSE
TM	TOYOTA MOTOR CORP	NYSE
TMC	TMC THE METALS COMPANY INC.	NASDAQ
TME	TENCENT MUSIC ENTERTAINMENT GROUP	NYSE
TMO	THERMO FISHER SCIENTIFIC INC.	NYSE
TNDM	TANDEM DIABETES CARE, INC.	NASDAQ
TPR	TAPESTRY, INC.	NYSE
TPX	TEMPUR-PEDIC INTERNATIONAL INC.	NYSE
TRGP	TARGA RESOURCES CORP.	NYSE
TROW	T. ROWE PRICE GROUP INC.	NASDAQ
TRU	TRANSUNION	NYSE
TRUP	TRUPANION, INC.	NASDAQ
TRV	THE TRAVELERS COMPANIES, INC.	NYSE
TSCO	TRACTOR SUPPLY COMPANY	NASDAQ

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
TSEM	TOWER SEMICONDUCTOR LTD.	NASDAQ
TSN	TYSON FOODS, INC.	NYSE
TT	TRANE TECHNOLOGIES PLC	NYSE
TTC	THE TORO COMPANY	NYSE
TTE	TOTALENERGIES SE	NYSE
UBS	UBS GROUP AG	NYSE
UDOW	PROSHARES ULTRAPRO DOW30	NYSE Arca
UL	UNILEVER PLC	NYSE
UNIT	UNITI GROUP INC.	NASDAQ
UP	WHEELS UP EXPERIENCE INC.	NYSE
UPWK	UPWORK INC.	NASDAQ
URBN	URBAN OUTFITTERS INC	NASDAQ
URI	UNITED RENTALS, INC.	NYSE
URNM	NORTHSHORE GLOBAL URANIUM MINING ETF	NYSE Arca
USFD	US FOODS HOLDING CORP.	NYSE
UUP	POWERSHARES DB US DOLLAR INDEX BULLISH	NYSE Arca
UUUU	ENERGY FUELS INC.	NYSE American
UWMC	UWM HOLDINGS CORPORATION	NYSE
VEEV	VEEVA SYSTEMS INC.	NYSE
VICI	VICI PROPERTIES INC.	NYSE
VIPS	VIPSHOP HOLDINGS LIMITED	NYSE
VIXY	PROSHARES VIX SHORT-TERM FUTURES ETF	CBOE BZX
VIXY1	PROSHARES VIX SHORT-TERM FUTURES ETF	CBOE BZX
VNO	VORNADO REALTY TRUST	NYSE
VNQ	VANGUARD REIT ETF	NYSE Arca
VOO	VANGUARD S&P 500 ETF	NYSE Arca
VRNA	VERONA PHARMA PLC	NASDAQ
VRTX	VERTEX PHARMACEUTICALS INCORPORATED	NASDAQ
VSAT	VIASAT, INC.	NASDAQ
VSCO	VICTORIAS SECRET & CO	NYSE
VSTS	VESTIS CORPORATION	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
VTI	VANGUARD TOTAL STOCK MARKET ETF	NYSE Arca
VTLE	VITAL ENERGY, INC.	NYSE
VTRS	VIATRIS INC.	NASDAQ
VZIO	VIZIO HOLDING CORP	NYSE
WAL	WESTERN ALLIANCE BANCORP	NYSE
WB	WEIBO CORP. (ADR)	NASDAQ
WCC	WESCO INTERNATIONAL	NYSE
WEAT	TEUCRIUM WHEAT ETF	NYSE Arca
WELL	WELLTOWER INC.	NYSE
WEN	THE WENDY'S COMPANY	NASDAQ
WGMI	VALKYRIE BITCOIN MINERS ETF	NASDAQ
WGO	WINNEBAGO INDUSTRIES, INC	NYSE
WING	WINGSTOP INC.	NASDAQ
WIX	WIX.COM LTD.	NASDAQ
WKHS	WORKHORSE GROUP INC.	NASDAQ
WM	WASTE MANAGEMENT, INC.	NYSE
WMG	WARNER MUSIC GROUP CORP.	NASDAQ
WPM	WHEATON PRECIOUS METALS CORPORATION	NYSE
WSC	WILLSCOT CORPORATION	NASDAQ
WSM	WILLIAMS-SONOMA INC	NYSE
WW	WEIGHT WATCHERS INTERNATIONAL, INC.	NASDAQ
XLC	COMMUNICATION SERVICES SELECT SECT SPDR ETF	NYSE Arca
XLRE	REAL ESTATE SELECT SECTOR SPDR	NYSE Arca
XP	XP INC.	NASDAQ
XPO	XPO LOGISTICS, INC.	NYSE
XPOF	XPONENTIAL FITNESS, INC	NYSE
XRX	XEROX CORPORATION	NASDAQ
YETI	YETI HOLDINGS, INC.	NYSE
YEXT	YEXT, INC.	NYSE
YMM	FULL TRUCK ALLIANCE CO. LTD.	NYSE
YUM	YUM! BRANDS, INC.	NYSE

SECURITY SYMBOL	SECURITY NAME	EXCHANGE FOR OPENING
YUMC	YUM CHINA HOLDINGS, INC.	NYSE
ZTO	ZTO EXPRESS (CAYMAN) INC.	NYSE
ZTS	ZOETIS INC.	NYSE

Please direct questions to the Regulatory Department at Regulatory@miaxglobal.com or (609) 897-7309.