

## EGAN-JONES PROXY 2019 COVERAGE

<b>Ticker</b>	<b>Company</b>
FCCY	1st Constitution Bancorp
SRCE	1st Source Corporation
XXII	22nd Century Group, Inc.
TWOU	2U, Inc.
DDD	3D Systems Corporation
III	3i Group plc
MMM	3M Company
AOS	A. O. Smith Corporation
AHC	A.H. Belo Corporation Class A
AAON	AAON, Inc.
AAN	Aaron's, Inc.
ABB	ABB Ltd. Sponsored ADR
ABT	Abbott Laboratories
ABBV	AbbVie, Inc.
ABEO	Abeona Therapeutics, Inc.
ANF	Abercrombie & Fitch Co. Class A
ABMD	ABIOMED, Inc.
ABM	ABM Industries Incorporated
AXAS	Abraxas Petroleum Corporation
ACIA	Acacia Communications, Inc.
ACHC	Acadia Healthcare Company, Inc.
ACAD	ACADIA Pharmaceuticals Inc.
AKR	Acadia Realty Trust
AXDX	Accelerate Diagnostics, Inc.
XLRN	Accelaron Pharma Inc
ACN	Accenture Plc Class A
ACCO	ACCO Brands Corporation
ARAY	Accuray Incorporated
ACRX	AcelRx Pharmaceuticals, Inc.
ACER	Acer Therapeutics Inc.
ACHV	Achieve Life Sciences Inc.
ACHN	Achillion Pharmaceuticals, Inc.
ACIW	ACI Worldwide, Inc.
ACU	Acme United Corporation
ACNB	ACNB Corporation
ACOR	Acorda Therapeutics, Inc.
ACRGF	ACREAGE HOLDINGS INC.
ACSAF	Actividades de Construccion y Servicios SA
ATVI	Activision Blizzard, Inc.
ATU	Actuant Corporation Class A
AYI	Acuity Brands, Inc.
GOLF	Acushnet Holdings Corp.
ADMS	Adamas Pharmaceuticals, Inc.
ADUS	Addus HomeCare Corporation

IOTS	Adesto Technologies Corporation
ADDYY	adidas AG Sponsored ADR
ADNT	Adient plc
ADMA	ADMA Biologics, Inc.
ADML	ADMIRAL GROUP PLC
ADBE	Adobe Inc.
ADT	ADT, Inc.
ATGE	Adtalem Global Education Inc.
ADTN	ADTRAN, Inc.
ADRO	Aduro BioTech, Inc.
AAP	Advance Auto Parts, Inc.
ADSW	Advanced Disposal Services Inc.
ADES	Advanced Emissions Solutions, Inc.
AEIS	Advanced Energy Industries, Inc.
AMD	Advanced Micro Devices, Inc.
ASIX	AdvanSix, Inc.
AAVVF	Advantage Oil & Gas Ltd.
ADVM	Adverum Biotechnologies Inc
ACM	AECOM
AEG	AEGON N.V. ADR
AEHR	Aehr Test Systems
AERI	Aerie Pharmaceuticals, Inc.
ACY	AeroCentury Corp.
HIVE	Aerohive Networks Inc
AJRD	Aerojet Rocketdyne Holdings, Inc.
AVAV	AeroVironment, Inc.
AES	AES Corporation
AEMD	AETHLON MEDICAL, INC.
GNMX	Aevi Genomic Medicine, Inc.
AMG	Affiliated Managers Group, Inc.
AFL	Aflac Incorporated
AOIFF	Africa Oil Corp.
AGCO	AGCO Corporation
AGEN	Agenus Inc.
AGK	AGGREKO PLC
A	Agilent Technologies, Inc.
AGYS	Agilysys, Inc.
AGIO	Agios Pharmaceuticals, Inc.
AGNC	AGNC Investment Corp.
AEM	Agnico Eagle Mines Limited
ADC	Agree Realty Corporation
ALRN	Aileron Therapeutics, Inc.
AIMT	Aimmune Therapeutics, Inc.
ACDVF	Air Canada
AL	Air Lease Corporation Class A
APD	Air Products and Chemicals, Inc.
ATSG	Air Transport Services Group, Inc.

AYR	Aircastle Limited
AIRG	Airgain, Inc.
AKS	AK Steel Holding Corporation
AKAM	Akamai Technologies, Inc.
AKBA	Akebia Therapeutics, Inc.
KERN	AKERNA CORP.
AKRX	Akorn, Inc.
AKTS	AKOUSTIS TECHNOLOGIES, INC.
ALG	Alamo Group Inc.
AGI	Alamos Gold Inc.
ALRM	Alarm.com Holdings, Inc.
ALK	Alaska Air Group, Inc.
ALSK	Alaska Communications Systems Group, Inc.
AIN	Albany International Corp. Class A
ALB	Albemarle Corporation
ALBO	Albireo Pharma, Inc.
AA	Alcoa Corp.
ALDR	Alder Biopharmaceuticals, Inc.
ALEX	Alexander & Baldwin, Inc.
ALX	Alexander's, Inc.
ARE	Alexandria Real Estate Equities, Inc.
ALXN	Alexion Pharmaceuticals, Inc.
ALCO	Alico, Inc.
ALGN	Align Technology, Inc.
ANCUF	Alimentation Couche-Tard Inc. Class B
ALKS	Alkermes Plc
Y	Allegheny Corporation
ATI	Allegheny Technologies Incorporated
ABTX	Allegiance Bancshares, Inc.
ALGT	Allegiant Travel Company
ALLE	Allegion PLC
ALNA	Allena Pharmaceuticaks, Inc.
AGN	Allergan plc
ALE	ALLETE, Inc.
ADS	Alliance Data Systems Corporation
LNT	Alliant Energy Corp
AMOT	Allied Motion Technologies Inc.
APYRF	Allied Properties Real Estate Investment Trust
ALSN	Allison Transmission Holdings, Inc.
ALLO	Allogene Therapeutics, Inc.
MDRX	Allscripts Healthcare Solutions, Inc.
ALL	Allstate Corporation
ALLY	Ally Financial Inc
ALNY	Alnylam Pharmaceuticals, Inc
GOOGL	Alphabet Inc. Class A
ATEC	Alphatec Holdings, Inc.
ALPN	Alpine Immune Sciences, Inc.

AMR	ALTA MESA RESOURCES, INC.
ALTR	Altair Engineering Inc.
AYX	Alteryx, Inc. Class A
ALT	Altimmune, Inc.
ASPS	Altisource Portfolio Solutions S.A.
ATUSF	Altius Minerals Corporation
AIMC	Altra Industrial Motion Corp.
MO	Altria Group Inc
AWC	Alumina Limited
AMAG	AMAG Pharmaceuticals, Inc.
AMAL	AMALGAMATED BANK
AMRN	Amarin Corporation Plc Sponsored ADR
AMZN	Amazon.com, Inc.
AMBC	Ambac Financial Group, Inc.
AMBA	Ambarella, Inc.
ABCP	AmBase Corporation
AMBR	Amber Road, Inc.
AMC	AMC Entertainment Holdings, Inc. Class A
AMCX	AMC Networks Inc. Class A
AMCR	AMCOR PLC
AMED	Amedisys, Inc.
UHAL	AMERCO
AEE	Ameren Corporation
AMRC	Ameresco, Inc. Class A
AMRH	Ameri Holdings, Inc.
AAL	American Airlines Group, Inc.
AAT	American Assets Trust, Inc.
AXL	American Axle & Manufacturing Holdings, Inc.
ACC	American Campus Communities, Inc.
AEO	American Eagle Outfitters, Inc.
AEP	American Electric Power Company, Inc.
AEL	American Equity Investment Life Holding Company
AXP	American Express Company
afin	American Finance Trust Inc
AFG	American Financial Group, Inc.
AMH	American Homes 4 Rent Class A
AHOTF	American Hotel Income Propoerties REIT LP
AIG	American International Group, Inc.
ANAT	American National Insurance Company
AOBC	American Outdoor Brands Corporation
APEI	American Public Education, Inc.
AMRB	American River Bankshares
ASCJF	American Shipping Company ASA
AMSWA	American Software, Inc. Class A
AWR	American States Water Company
AMSC	American Superconductor Corporation
AMT	American Tower Corporation

AVD	American Vanguard Corporation
AWK	American Water Works Company, Inc.
AMWD	American Woodmark Corporation
CRMT	America's Car-Mart, Inc.
COLD	Americold Realty Trust
AMP	Ameriprise Financial, Inc.
ABCB	Ameris Bancorp
ABC	AmerisourceBergen Corporation
AME	AMETEK, Inc.
AMVMF	AMG Advanced Metallurgical Group N.V.
AMGN	Amgen Inc.
FOLD	Amicus Therapeutics, Inc.
AMKR	Amkor Technology, Inc.
AHS	AMN Healthcare Services, Inc.
AMRX	Amneal Pharmaceuticals, Inc. Class A
AMPH	Amphastar Pharmaceuticals Inc
APH	Amphenol Corporation Class A
AMPY	Amplify Energy Corp.
APHB	AmpliPhi BioSciences Corporation
AMRS	Amyris, Inc.
APC	Anadarko Petroleum Corporation
ADI	Analog Devices, Inc.
PLAN	ANAPLAN, INC.
AVXL	Anavex Life Sciences Corp.
ANDE	Andersons, Inc.
ANDR	Andrea Electronics Corporation
ANGI	ANGI Homeservices Inc Class A
ANGO	AngioDynamics, Inc.
AAUKF	Anglo American plc
AU	AngloGold Ashanti Limited Sponsored ADR
ANIP	ANI Pharmaceuticals, Inc.
ANIK	Anika Therapeutics, Inc.
AXE	Anixter International Inc.
ANSS	ANSYS, Inc.
ATRS	Antares Pharma, Inc.
AR	Antero Resources Corporation
ANTM	Anthem, Inc.
ANH	Anworth Mortgage Asset Corporation
AON	Aon plc
APA	Apache Corporation
AIV	Apartment Investment and Management Company Class A
APPLS	Apellis Pharmaceuticals Inc
APY	Apergy Corp.
APHA	Aphria Inc
ARI	Apollo Commercial Real Estate Finance, Inc.
APEN	Apollo Endosurgery, Inc.
APPF	AppFolio Inc Class A

APPN	Appian Corporation Class A
APLE	Apple Hospitality REIT Inc
APDN	Applied DNA Sciences, Inc.
AIT	Applied Industrial Technologies, Inc.
AMAT	Applied Materials, Inc.
AAOI	Applied Optoelectronics, Inc.
ATR	Aptargroup, Inc.
APVO	Aptevo Therapeutics Inc
APTV	Aptiv PLC
APYX	Apyx Medical Corporation
WTR	Aqua America, Inc.
AQMS	AQUA METALS, INC.
AQ	Aquantia Corp.
AQXP	Aquinox Pharmaceuticals, Inc.
ARMK	Aramark
PETX	Aratana Therapeutics, Inc.
ABR	Arbor Realty Trust, Inc.
ABUS	Arbutus Biopharma Corporation
RKDA	Arcadia Biosciences Inc.
ARCB	ArcBest Corporation
MT	ArcelorMittal SA ADR
ACGL	Arch Capital Group Ltd.
ARCH	Arch Coal Inc Class A
ADM	Archer-Daniels-Midland Company
AROC	Archrock Inc.
ARNC	Arconic, Inc.
ACA	ARCOSA INC
RCUS	Arcus Biosciences, Inc.
ARNA	Arena Pharmaceuticals, Inc.
ACRE	Ares Commercial Real Estate Corporation
ARDC	Ares Dynamic Credit Allocation Fund, Inc.
ARES	Ares Management Corporation
AGX	Argan, Inc.
ARGO	Argo Group International Holdings, Ltd.
ARNGF	Argonaut Gold Inc.
ANET	Arista Networks, Inc.
AI	Arlington Asset Investment Corp. Class A
AHH	Armada Hoffler Properties, Inc.
ARR	ARMOUR Residential REIT, Inc.
AFI	Armstrong Flooring, Inc.
AWI	Armstrong World Industries, Inc.
ARTX	Arotech Corporation
ARQL	ArQule, Inc.
ARW	Arrow Electronics, Inc.
AROW	Arrow Financial Corporation
ARWR	Arrowhead Pharmaceuticals, Inc.
AJG	Arthur J. Gallagher & Co.

ARESF	Artis Real Estate Investment Trust
APAM	Artisan Partners Asset Management, Inc. Class A
ABG	Asbury Automotive Group, Inc.
ASGN	ASGN Inc
AHT	Ashford Hospitality Trust, Inc.
ASH	Ashland Global Holdings, Inc.
ASML	ASML Holding NV ADR
ASMB	Assembly Biosciences, Inc.
ASRT	Assertio Therapeutics, Inc.
ASB	Associated Banc-Corp
AIZ	Assurant, Inc.
AGO	Assured Guaranty Ltd.
ASFI	Asta Funding, Inc.
ASTE	Astec Industries, Inc.
AZN	Astrazeneca PLC Sponsored ADR
ATRO	Astronics Corporation
ALOT	AstroNova, Inc.
ASV	ASV Holdings, Inc.
HOME	At Home Group, Inc.
T	AT&T Inc.
ATRA	Atara Biotherapeutics Inc
ATH	Athene Holding Ltd. Class A
ATNX	Athenex, Inc.
ATKR	Atkore International Group Inc.
ACBI	Atlantic Capital Bancshares, Inc.
AT	Atlantic Power Corporation
AAWW	Atlas Air Worldwide Holdings, Inc.
ATO	Atmos Energy Corporation
ATNI	ATN International, Inc.
ATOS	Atosa Genetics Inc.
ATRC	AtriCure, Inc.
ATRI	Atrion Corporation
LIFE	ATYR Pharma, Inc.
BOLD	Audentes Therapeutics, Inc.
AUDC	AudioCodes Ltd.
AUPH	Aurinia Pharmaceuticals Inc.
QRNNF	Aurizon Holdings Ltd.
ACB	Aurora Cannabis Inc.
ADSK	Autodesk, Inc.
ALV	Autoliv Inc.
ADP	Automatic Data Processing, Inc.
AN	AutoNation, Inc.
AUTO	AutoWeb Inc
AVDL	Avadel Pharmaceuticals Plc Sponsored ADR
AVLR	Avalara Inc
AVB	AvalonBay Communities, Inc.
AGR	Avangrid, Inc.

AVNS	Avanos Medical, Inc.
AVYA	Avaya Holdings Corp.
AVEO	AVEO Pharmaceuticals, Inc.
AVY	Avery Dennison Corporation
AVNW	Aviat Networks, Inc.
CDMO	Avid Bioservices, Inc.
AVID	Avid Technology, Inc.
AVGR	Avinger, Inc.
CAR	Avis Budget Group, Inc.
AVA	Avista Corporation
AIVAF	Aviva plc
AVT	Avnet, Inc.
AVP	Avon Products, Inc.
AVRO	Avrobio Inc
AVX	AVX Corporation
AWRE	Aware, Inc.
EQH	AXA Equitable Holdings, Inc.
AXAHY	AXA SA Sponsored ADR
AXTA	Axalta Coating Systems Ltd.
ACLS	Axcelis Technologies, Inc.
AXS	Axis Capital Holdings Limited
AXGN	Axogen, Inc.
AAXN	Axon Enterprise Inc
AX	Axos Financial, Inc.
AXGT	Axovant Sciences Ltd
AXTI	AXT, Inc.
AZZ	AZZ Inc.
BGS	B&G Foods, Inc.
RILY	B. Riley Financial, Inc.
BW	Babcock & Wilcox Enterprises Inc
BCKIF	Babcock International Group PLC
BMI	Badger Meter, Inc.
BHGE	Baker Hughes, a GE Company Class A
BCPC	Balchem Corporation
BLL	Ball Corporation
BLDP	Ballard Power Systems Inc.
BANC	Banc of California Incorporated
BANF	BancFirst Corporation
BBVXF	Banco Bilbao Vizcaya Argentaria, S.A.
BBVA	Banco Bilbao Vizcaya Argentaria, S.A. Sponsored ADR
BLX	Banco Latinoamericano de Comercio Exterior, S.A. Class E
SAN	Banco Santander S.A. Sponsored ADR
TBBK	Bancorp Inc
BKJ	Bancorp of New Jersey, Inc.
BAC	Bank of America Corp
BOH	Bank of Hawaii Corporation
BMRC	Bank of Marin Bancorp



BMO	Bank of Montreal
BK	Bank of New York Mellon Corporation
BNS	Bank of Nova Scotia
OZK	Bank OZK
BKU	BankUnited, Inc.
BWFG	Bankwell Financial Group, Inc.
BANR	Banner Corporation
BHB	Bar Harbor Bankshares, Inc.
BCS	Barclays PLC
BBDC	Barings BDC, Inc.
BNED	Barnes & Noble Education, Inc.
B	Barnes Group Inc.
BTDPF	Barratt Developments PLC
BBSI	Barrett Business Services, Inc.
GOLD	Barrick Gold Corporation
BAS	Basic Energy Services, Inc.
BHC	Bausch Health Companies Inc.
BAX	Baxter International Inc.
BAYK	Bay Banks of Virginia, Inc.
BAYRY	Bayer AG Sponsored ADR
BAMXF	Bayerische Motoren Werke AG
BBT	BB&T Corporation
BBX	BBX Capital Corporation Class A
BCBP	BCB Bancorp, Inc.
BCE	BCE Inc.
BECN	Beacon Roofing Supply, Inc.
BZH	Beazer Homes USA, Inc.
BDX	Becton, Dickinson and Company
BBBY	Bed Bath & Beyond Inc.
BDRFF	Beiersdorf AG
BGNE	BeiGene, Ltd. Sponsored ADR
BEKSF	Bekaert SA
BDC	Belden Inc.
BLCM	Bellicum Pharmaceuticals Inc
VNNHF	Belo Sun Mining Corp.
BHE	Benchmark Electronics, Inc.
BNFT	Benefitfocus, Inc.
BKGFF	Berkeley Group Holdings plc
BRK.A	Berkshire Hathaway Inc. Class A
BRK.B	Berkshire Hathaway Inc. Class B
BHLB	Berkshire Hills Bancorp, Inc.
BERY	Berry Global Group Inc
BRY	Berry Petroleum Corp
BBY	Best Buy Co., Inc.
BGSF	BG Staffing, Inc.
BGCP	BGC Partners, Inc. Class A
BHP	BHP Group Ltd

BBL	BHP Group Plc
BGFV	Big 5 Sporting Goods Corporation
BIG	Big Lots, Inc.
BASI	Bioanalytical Systems, Inc.
BIOC	Biocept, Inc.
BCRX	BioCryst Pharmaceuticals, Inc.
BDSI	BioDelivery Sciences International, Inc.
BIIB	Biogen Inc.
BHVN	Biohaven Pharmaceutical Holding Company Ltd.
BLGO	BioLargo, Inc.
BIOL	BIOLASE, Inc.
BLFS	BioLife Solutions, Inc.
BMRN	BioMarin Pharmaceutical Inc.
BPMX	BIOPHARMX CORPORATION
BIO	Bio-Rad Laboratories, Inc. Class A
BIOS	BioScrip, Inc.
BSTC	BioSpecifics Technologies Corp.
TECH	Bio-Techne Corporation
BEAT	BioTelemetry, Inc.
BTX	BioTime, Inc.
BJRI	BJ's Restaurants, Inc.
BJ	BJ's Wholesale Club Holdings, Inc.
BKTI	BK Technologies, Inc.
BKH	Black Hills Corporation
BKI	Black Knight, Inc.
BSM	Black Stone Minerals, L.P.
BLKB	Blackbaud, Inc.
BL	BlackLine, Inc.
BLK	BlackRock, Inc.
BXMT	Blackstone Mortgage Trust, Inc. Class A
BE	BLOOM ENERGY CORPORATION
BLMN	Bloomin' Brands, Inc.
BCOR	Blucora, Inc.
BLBD	Blue Bird Corporation
BCRH	Blue Capital Reinsurance Holdings Ltd.
BLUE	bluebird bio, Inc.
BXG	Bluegreen Vacations Corporation
BXC	BlueLinx Holdings Inc.
BPMC	Blueprint Medicines Corp.
BRG	Bluerock Residential Growth REIT Inc Class A
BMCH	BMC Stock Holdings, Inc.
BNPQF	BNP Paribas SA Class A
BNKHF	BOC Hong Kong (Holdings) Limited
BOY	Bodycote plc
BA	Boeing Company
WIFI	Boingo Wireless, Inc.
BOKF	BOK Financial Corporation

SOHMF	Bolsas y Mercados Espanoles
BDRBF	Bombardier Inc. Class B
BCEI	Bonanza Creek Energy Inc
BKNG	Booking Holdings Inc.
BOOT	Boot Barn Holdings, Inc.
BAH	Booz Allen Hamilton Holding Corporation Class A
BWA	BorgWarner Inc.
SAM	Boston Beer Company, Inc. Class A
BPFH	Boston Private Financial Holdings, Inc.
BXP	Boston Properties, Inc.
BSX	Boston Scientific Corporation
BOX	Box, Inc. Class A
BYD	Boyd Gaming Corporation
BP	BP p.l.c. Sponsored ADR
BHR	Braemar Hotels & Resorts, Inc.
BDN	Brandywine Realty Trust
BDGE	Bridge Bancorp, Inc.
BLIN	Bridgeline Digital, Inc.
BGG	Briggs & Stratton Corporation
BFAM	Bright Horizons Family Solutions, Inc.
BCOV	Brightcove Inc.
BHF	Brighthouse Financial, Inc.
BSIG	BrightSphere Investment Group Plc
BV	BrightView Holdings, Inc.
EAT	Brinker International, Inc.
BCO	Brink's Company
BMJ	Bristol-Myers Squibb Company
BTI	British American Tobacco PLC Sponsored ADR
BTVCF	Britvic plc
BRX	Brixmor Property Group, Inc.
AVGO	Broadcom Inc.
BR	Broadridge Financial Solutions, Inc.
BKD	Brookdale Senior Living Inc.
BAM	Brookfield Asset Management Inc. Class A
BPR	BROOKFIELD PROPERTY REIT INC.
BREUF	Brookfield Real Estate Services Inc.
BRKL	Brookline Bancorp, Inc.
BRKS	Brooks Automation, Inc.
BRO	Brown & Brown, Inc.
BF.A	Brown-Forman Corporation Class A
BRT	BRT Apartments Corp
BRKR	Bruker Corporation
BC	Brunswick Corporation
BMTC	Bryn Mawr Bank Corporation
BT	BT Group PLC Sponsored ADR
BPL	Buckeye Partners, L.P.
BKE	Buckle, Inc.

BLDR	Builders FirstSource, Inc.
BG	Bunge Limited
BURL	Burlington Stores, Inc.
BWXT	BWX Technologies, Inc.
CFFI	C&F Financial Corporation
CJ	C&J Energy Services, Inc.
CHRW	C.H. Robinson Worldwide, Inc.
CABO	Cable One, Inc.
CBT	Cabot Corporation
CCMP	Cabot Microelectronics Corporation
COG	Cabot Oil & Gas Corporation
CACI	CACI International Inc Class A
WHD	Cactus, Inc. Class A
CADE	Cadence Bancorporation Class A
CDNS	Cadence Design Systems, Inc.
CAE	CAE Inc.
CZR	Caesars Entertainment Corporation
CSTE	Caesarstone Ltd.
CAI	CAI International, Inc.
CLBS	CALADRIUS BIOSCIENCES, INC.
CAMP	CalAmp Corp.
CVGW	Calavo Growers, Inc.
CAL	Caleres, Inc.
CFNB	California First National Bancorp
CRC	California Resources Corp
CWT	California Water Service Group
CALA	Calithera Biosciences, Inc.
CALX	Calix, Inc.
ELY	Callaway Golf Company
CPE	Callon Petroleum Company
CALM	Cal-Maine Foods, Inc.
CTXAF	Caltex Australia Limited
CLXT	Calyxt, Inc.
CBM	Cambrex Corporation
CATC	Cambridge Bancorp
CAC	Camden National Corporation
CPT	Camden Property Trust
CCJ	Cameco Corporation
CPB	Campbell Soup Company
CWH	Camping World Holdings, Inc. Class A
GOOS	Canada Goose Holdings, Inc.
JETMF	Canada Jetlines Ltd.
CDPYF	Canadian Apartment Properties Real Estate Investment Trust
CM	Canadian Imperial Bank of Commerce
CNI	Canadian National Railway Company
CNQ	Canadian Natural Resources Limited
CP	Canadian Pacific Railway Limited

CDNAF	Canadian Tire Corporation, Limited Class A
CGIX	Cancer Genetics, Inc.
CFPZF	Canfor Corporation
CNNE	Cannae Holdings, Inc.
ORHOF	CannaRoyalty Corp.
CTST	Cantrust Holdings, Inc.
CGC	Canopy Growth Corporation
CNPOF	CANOPY RIVERS INC.
CPHC	Canterbury Park Holding Corp
CCBG	Capital City Bank Group, Inc.
COF	Capital One Financial Corporation
CPLP	Capital Product Partners LP
CPTP	Capital Properties, Inc.
CSWC	Capital Southwest Corporation
CPTA	Capitala Finance Corp.
CLLDF	CapitalLand Limited
CPRI	Capri Holdings Limited
CAPR	Capricor Therapeutics, Inc.
CSTR	Capstar Financial Holdings
CMO	Capstead Mortgage Corporation
CARA	Cara Therapeutics Inc
CRR	CARBO Ceramics Inc.
CBLK	Carbon Black, Inc.
CARB	Carbonite, Inc.
CAH	Cardinal Health, Inc.
CSII	Cardiovascular Systems, Inc.
CATM	Cardtronics plc Class A
CRCM	Care.com, Inc.
CDNA	CareDx, Inc.
CECO	Career Education Corporation
CTRE	CareTrust REIT Inc
CARG	CarGurus, Inc. Class A
CSL	Carlisle Companies Incorporated
KMX	CarMax, Inc.
CCL.U	Carnival Corporation
CUKPF	Carnival plc
CARO	Carolina Financial Corp.
CRS	Carpenter Technology Corporation
CSV	Carriage Services Inc.
CRZO	Carrizo Oil & Gas, Inc.
TAST	Carrols Restaurant Group, Inc.
CARS	Cars.com, Inc.
CARE	Carter Bank & Trust
CRI	Carter's, Inc.
CVNA	Carvana Co. Class A
CARV	Carver Bancorp Inc.
CWST	Casella Waste Systems, Inc. Class A

CASY	Casey's General Stores, Inc.
CASI	CASI Pharmaceuticals Inc
CASS	Cass Information Systems, Inc.
ROX	Castle Brands Inc.
CSLT	Castlight Health, Inc. Class B
CATB	Catabasis Pharmaceuticals, Inc.
CTLT	Catalent Inc
CBIO	Catalyst Biosciences Inc
CPRX	Catalyst Pharmaceuticals, Inc.
CATS	Catasys, Inc.
CTT	CatchMark Timber Trust, Inc. Class A
CAT	Caterpillar Inc.
CATY	Cathay General Bancorp
CATO	Cato Corporation Class A
CVCO	Cavco Industries, Inc.
CBFV	CB Financial Services, Inc.
CBL	CBL & Associates Properties, Inc.
CBOE	Cboe Global Markets Inc
CBRE	CBRE Group, Inc. Class A
CBS.A	CBS Corporation Class A
CBTX	CBTX Inc
CDK	CDK Global Inc
CDW	CDW Corp.
CECE	CECO Environmental Corp.
FUN	Cedar Fair, L.P.
CDR	Cedar Realty Trust Inc
CE	Celanese Corporation
CEL	Cellcom Israel Ltd.
CLDX	Celldex Therapeutics, Inc.
CLRB	CELLECTAR BIOSCIENCES INC
CVE	Cenovus Energy Inc.
CNC	Centene Corporation
CDEV	Centennial Resource Development, Inc. Class A
CNP	CenterPoint Energy, Inc.
CAGDF	Centerra Gold Inc.
CSFL	CenterState Bank Corporation
CFBK	Central Federal Corporation
CENT	Central Garden & Pet Company
CET	Central Securities Corp
CVCY	Central Valley Community Bancorp
CENX	Century Aluminum Company
CCS	Century Communities, Inc.
CTL	CenturyLink, Inc.
CDAY	Ceridian HCM Holding, Inc.
CERN	Cerner Corporation
CERS	Cerus Corporation
CESDF	CES Energy Solutions Corp

KOOL	Cesca Therapeutics Inc.
CEVA	CEVA, Inc.
CF	CF Industries Holdings, Inc.
GIB	CGI Group Inc. Class A
CTHR	Charles & Colvard, Ltd.
CRL	Charles River Laboratories International, Inc.
SCHW	Charles Schwab Corporation
CWBHF	CHARLOTTE'S WEB HOLDINGS, INC.
GTLS	Chart Industries, Inc.
CHTR	Charter Communications, Inc. Class A
CCF	Chase Corporation
CLDT	Chatham Lodging Trust
CAKE	Cheesecake Factory Incorporated
CHGG	Chegg, Inc.
CHE	Chemed Corporation
CHFC	Chemical Financial Corporation
CC	Chemours Co.
CMGMF	Chemring Group PLC
CHMG	Chemung Financial Corporation
LNG	Cheniere Energy, Inc.
CHK	Chesapeake Energy Corporation
CHSP	Chesapeake Lodging Trust
CPK	Chesapeake Utilities Corporation
CVX	Chevron Corporation
CHMA	CHIASMA, INC.
CVR	Chicago Rivet & Machine Co.
CHS	Chico's FAS, Inc.
PLCE	Children's Place, Inc.
CIM	Chimera Investment Corporation
CMRX	Chimerix, Inc.
CBLUF	China BlueChemical Ltd. Class H
CICHF	China Construction Bank Corporation Class H
CEVIF	China Everbright Limited
JINFF	China Gold International Resources Corp Ltd
CGA	China Green Agriculture, Inc.
CHL	China Mobile Limited Sponsored ADR
CMCLF	China Molybdenum Co., Ltd. Class H
CHU	China Unicom (Hong Kong) Limited Sponsored ADR
CIIX	Chineseinvestors.com, Inc.
CCBC	Chino Commercial Bancorp
CMG	Chipotle Mexican Grill, Inc.
CHH	Choice Hotels International, Inc.
CDXC	ChromaDex Corporation
CB	Chubb Limited
CHD	Church & Dwight Co., Inc.
CHDN	Churchill Downs Incorporated
CHUY	Chuy's Holdings, Inc.

CIFAF	CI Financial Corp.
CDTX	Cidara Therapeutics, Inc.
CIEN	Ciena Corporation
CI	Cigna Corporation
XEC	Cimarex Energy Co.
CBB	Cincinnati Bell Inc.
CINF	Cincinnati Financial Corporation
CNK	Cinemark Holdings, Inc.
CTAS	Cintas Corporation
CIR	CIRCOR International, Inc.
CRUS	Cirrus Logic, Inc.
CIT	CIT Group Inc.
CTRN	Citi Trends, Inc.
C	Citigroup Inc.
CZWI	Citizens Community Bancorp, Inc.
CFG	Citizens Financial Group, Inc.
CIZN	Citizens Holding Company
CTXS	Citrix Systems, Inc.
CHCO	City Holding Company
CIO	City Office REIT, Inc.
CVEO	Civeo Corp
CIVB	Civista Bancshares, Inc.
CLAR	Clarus Corporation
CLNE	Clean Energy Fuels Corp.
CLH	Clean Harbors, Inc.
CTEQF	Clean Teq Holdings Limited
CLW	Clearwater Paper Corporation
CWEN	Clearway Energy, Inc. Class C
CLF	Cleveland-Cliffs Inc
CLX	Clorox Company
CLDR	Cloudera, Inc.
CLVS	Clovis Oncology, Inc.
CME	CME Group Inc. Class A
CMS	CMS Energy Corporation
CNA	CNA Financial Corporation
CCNE	CNB Financial Corporation
CNO	CNO Financial Group, Inc.
CEO	CNOOC Limited Sponsored ADR
CNX	CNX Resources Corporation
CBLLF	Cobalt 27 Capital Corp
CBHMF	Cobham plc
KO	Coca-Cola Company
COKE	Coca-Cola Consolidated, Inc.
CCEP	Coca-Cola European Partners Plc
CHEOF	Cochlear Limited
CDXS	Codexis, Inc.
CDE	Coeur Mining, Inc.



JVA	Coffee Holding Co., Inc.
CGEAF	Cogeco Communications Inc.
CCOI	Cogent Communications Holdings Inc
CGNX	Cognex Corporation
CTSH	Cognizant Technology Solutions Corporation Class A
CNS	Cohen & Steers, Inc.
COHR	Coherent, Inc.
CHRS	Coherus BioSciences, Inc.
COHU	Cohu, Inc.
CFX	Colfax Corporation
CL	Colgate-Palmolive Company
COLL	Collegium Pharmaceutical, Inc.
CIGI	Colliers International Group Inc.
CLNY	Colony Capital, Inc. Class A
COLB	Columbia Banking System, Inc.
CXP	Columbia Property Trust, Inc.
COLM	Columbia Sportswear Company
CMCO	Columbus McKinnon Corporation
CMCSA	Comcast Corporation Class A
CMA	Comerica Incorporated
FIX	Comfort Systems USA, Inc.
CBSH	Commerce Bancshares, Inc.
CMC	Commercial Metals Company
JCS	Communications Systems, Inc.
CBU	Community Bank System, Inc.
CFOK	Community First Bancorporation
CYH	Community Health Systems, Inc.
CHCT	Community Healthcare Trust, Inc.
CTBI	Community Trust Bancorp, Inc.
CVLT	CommVault Systems, Inc.
CODI	Compass Diversified Holdings
CMP	Compass Minerals International, Inc.
CGEN	Compugen Ltd.
CPSI	Computer Programs and Systems, Inc.
CTG	Computer Task Group, Incorporated
SCOR	comScore, Inc.
LODE	Comstock Mining Inc.
CRK	Comstock Resources, Inc.
CAG	Conagra Brands, Inc.
CNCE	Concert Pharmaceuticals, Inc.
CXO	Concho Resources Inc.
CNDT	Conduent, Inc.
CNMD	CONMED Corporation
CTWS	Connecticut Water Service, Inc.
CNOB	ConnectOne Bancorp, Inc.
CONN	Conn's, Inc.
COP	ConocoPhillips

CNRD	Conrad Industries, Inc.
CEIX	Consol Energy Inc.
CNSL	Consolidated Communications Holdings, Inc.
ED	Consolidated Edison, Inc.
CWCO	Consolidated Water Co. Ltd.
CTO	Consolidated-Tomoka Land Co.
STZ	Constellation Brands, Inc. Class A
CNSWF	Constellation Software Inc.
CSTM	Constellium NV Class A
ROAD	Construction Partners
MCF	Contango Oil & Gas Company
CTGO	Contango ORE, Inc.
CBPX	Continental Building Products, Inc.
CGOOF	Continental Gold Inc
CLR	Continental Resources, Inc.
CFRX	ContraFect Corp.
CTRL	Control4 Corporation
CTRA	Contura Energy, Inc.
COO	Cooper Companies, Inc.
CTB	Cooper Tire & Rubber Company
CPS	Cooper-Standard Holdings Inc.
CRBP	Corbus Pharmaceuticals Holdings Inc
CORT	Corcept Therapeutics Incorporated.
CLB	Core Laboratories NV
CXW	CoreCivic, Inc.
CLGX	CoreLogic, Inc.
CORE	Core-Mark Holding Company, Inc.
CPLG	CorePoint Lodging, Inc.
COR	CoreSite Realty Corporation
CVRS	Corindus Vascular Robotics, Inc.
CTNXF	Cornerstone Capital Resources Inc.
CSOD	Cornerstone Ondemand, Inc.
GLW	Corning Inc
OFC	Corporate Office Properties Trust
CRSXF	Corsa Coal Corp.
CRVL	CorVel Corporation
CMRE	Costamare Inc.
CSGP	CoStar Group, Inc.
COST	Costco Wholesale Corporation
COT	Cott Corporation
COTY	Coty Inc. Class A
ICBK	County Bancorp, Inc.
COUP	Coupa Software Incorporated
CUZ	Cousins Properties Incorporated
CVA	Covanta Holding Corporation
CVTI	Covenant Transportation Group, Inc. Class A
CVIA	Covia Holdings Corp.

COWN	Cowen Inc Class A
CVU	CPI Aerostructures, Inc.
CBRL	Cracker Barrel Old Country Store, Inc.
BREW	Craft Brew Alliance
CR	Crane Co.
CRD.B	Crawford & Company Class B
CRAY	Cray Inc.
CACC	Credit Acceptance Corporation
CS	Credit Suisse Group AG Sponsored ADR
CREE	Cree, Inc.
CRRTF	Crescita Therapeutics, Inc.
CRHM	CRH Medical Corporation
CRH	CRH Plc Sponsored ADR
CWGL	Crimson Wine Group Ltd.
CRSP	CRISPR Therapeutics AG
CRTO	Criteo SA Sponsored ADR
CROX	Crocs, Inc.
CRON	Cronos Group Inc
CCI	Crown Castle International Corp
CRWS	Crown Crafts, Inc.
CCK	Crown Holdings, Inc.
CRY	CryoLife, Inc.
CYRX	CryoPort, Inc.
CSGS	CSG Systems International, Inc.
CSS	CSS Industries, Inc.
CSWI	CSW Industrials, Inc.
CSX	CSX Corporation
CTIC	CTI BioPharma Corp.
CTS	CTS Corporation
CUBE	CubeSmart
CUB	Cubic Corporation
CUE	CUE BIOPHARMA, INC.
CFR	Cullen/Frost Bankers, Inc.
CULP	Culp, Inc.
CMI	Cummins Inc.
CRGS	CurAegis Technologies, Inc.
CRIS	Curis, Inc.
CURO	CURO Group Holdings Corp.
CW	Curtiss-Wright Corporation
CWK	Cushman & Wakefield PLC
CUBI	Customers Bancorp, Inc.
CUTR	Cutera, Inc.
CVSI	CV SCIENCES, INC.
CVBF	CVB Financial Corp.
CVV	CVD Equipment Corporation
CVI	CVR Energy, Inc.
CVS	CVS Health Corporation

CYBR	CyberArk Software Ltd.
CY	Cypress Semiconductor Corporation
CONE	CyrusOne, Inc.
CYTK	Cytokinetics, Incorporated
CTMX	Cytomx Therapeutics Inc
CTSO	CytoSorbents Corporation
CYTR	CytRx Corporation
DHI	D.R. Horton, Inc.
DJCO	Daily Journal Corporation
DAKT	Daktronics, Inc.
DAN	Dana Incorporated
DHR	Danaher Corporation
DRI	Darden Restaurants, Inc.
DARE	Dare Bioscience, Inc.
DRIO	DarioHealth Corp.
DAR	Darling Ingredients Inc.
DZSI	DASAN Zhong Solutions Inc.
DSKE	Daseke, Inc.
PLAY	Dave & Buster's Entertainment, Inc.
DVA	DaVita Inc.
DBVT	DBV Technologies SA Sponsored ADR
DF	Dean Foods Company
DECK	Deckers Outdoor Corporation
DE	Deere & Company
DFRG	Del Frisco's Restaurant Group, Inc.
TACO	Del Taco Restaurants, Inc.
DCTH	Delcath Systems, Inc.
DK	Delek US Holdings Inc
DELL	Dell Technologies Inc Class C
DMPI	DELMAR PHARMACEUTICALS, INC.
DLPH	Delphi Technologies Plc
DAL	Delta Air Lines, Inc.
DLA	Delta Apparel, Inc.
DLX	Deluxe Corporation
DNLI	Denali Therapeutics Inc.
DNR	Denbury Resources Inc.
DNN	Denison Mines Corp.
DENN	Denny's Corporation
XRAY	DENTSPLY SIRONA, Inc.
DERM	Dermira Inc
DWVYF	Derwent London plc
DSGX	Descartes Systems Group Inc.
DXLG	Destination XL Group, Inc.
DRGDF	Detour Gold Corporation
DB	Deutsche Bank AG
DLAKF	Deutsche Lufthansa AG
DTEGY	Deutsche Telekom AG Sponsored ADR

DVN	Devon Energy Corporation
DEITF	Devro plc
DXCM	DexCom, Inc.
DHX	DHI Group, Inc.
DHT	DHT Holdings, Inc.
DEO	Diageo plc Sponsored ADR
DIALF	Dialight plc
DO	Diamond Offshore Drilling, Inc.
FANG	Diamondback Energy, Inc.
DRH	DiamondRock Hospitality Company
DKS	Dick's Sporting Goods, Inc.
DBD	Diebold Nixdorf Incorporated
DDFN	Diffusion Pharmaceuticals Inc.
DGII	Digi International Inc.
DRAD	Digirad Corporation
DGLY	Digital Ally, Inc.
DLR	Digital Realty Trust, Inc.
APPS	Digital Turbine, Inc.
DDS	Dillard's, Inc. Class A
DIN	Dine Brands Global, Inc.
DIOD	Diodes Incorporated
DPLO	Diplomat Pharmacy, Inc.
DIISF	Direct Line Insurance Group Plc
DFS	Discover Financial Services
DISCA	Discovery, Inc. Class A
DISH	DISH Network Corporation Class A
DXYN	Dixie Group, Inc.
BOOM	DMC Global Inc.
DNBF	DNB Financial Corporation
DOCU	DocuSign, Inc.
DLB	Dolby Laboratories, Inc. Class A
DG	Dollar General Corporation
DLTR	Dollar Tree, Inc.
D	Dominion Energy Inc
DPZ	Domino's Pizza, Inc.
UFS	Domtar Corporation
DCI	Donaldson Company, Inc.
DGICB	Donegal Group Inc. Class B
DFIN	Donnelley Financial Solutions, Inc.
DMLP	Dorchester Minerals, L.P.
DRRKF	dormakaba Holding AG
DORM	Dorman Products, Inc.
PLOW	Douglas Dynamics, Inc.
DEI	Douglas Emmett, Inc
DOV	Dover Corporation
DVD	Dover Motorsports, Inc.
DWDP	DowDuPont Inc.

RDY	Dr. Reddy's Laboratories Ltd. Sponsored ADR
DRWKF*	Draegerwerk AG & Co. KGaA Pref
DUNDF	Dream Global Real Estate Investment Trust
DRQ	Dril-Quip, Inc.
DBX	Dropbox, Inc. Class A
DSPG	DSP Group, Inc.
DSW	DSW Inc. Class A
DTE	DTE Energy Company
DCO	Ducommun Incorporated
DUK	Duke Energy Corporation
DRE	Duke Realty Corporation
DLTH	Duluth Holdings, Inc. Class B
DNKN	Dunkin' Brands Group, Inc.
DRRX	DURECT Corporation
DXC	DXC Technology Co.
DY	Dycom Industries, Inc.
DNGDF	Dynacor Gold Mines, Inc.
DGDCF	DYNASTY GOLD CORP.
DVAX	Dynavax Technologies Corporation
DX	Dynex Capital, Inc.
ETFC	E*TRADE Financial Corporation
SSP	E. W. Scripps Company Class A
ELF	e.l.f. Beauty, Inc.
EBMT	Eagle Bancorp Montana, Inc.
EGBN	Eagle Bancorp, Inc.
EXP	Eagle Materials Inc.
ESTE	Earthstone Energy, Inc. Class A
EWBC	East West Bancorp, Inc.
DEA	Easterly Government Properties, Inc.
EML	Eastern Company
EGP	EastGroup Properties, Inc.
EMN	Eastman Chemical Company
KODK	Eastman Kodak Company
ETN	Eaton Corp. Plc
EBAY	eBay Inc.
EBIX	Ebix, Inc.
ECHO	Echo Global Logistics, Inc
SATS	EchoStar Corporation Class A
ECSIF	eCobalt Solutions Inc.
ECL	Ecolab Inc.
EEI	Ecology and Environment, Inc. Class A
EDGE	Edge Therapeutics, Inc.
EPC	Edgewell Personal Care Co.
EIX	Edison International
EDIT	Editas Medicine, Inc.
EW	Edwards Lifesciences Corporation
EHTH	eHealth, Inc.

EKSO	Ekso Bionics Holdings Inc
EE	El Paso Electric Company
LOCO	El Pollo Loco Holdings Inc
ELAN	Elanco Animal Health Incorporated
EGO	Eldorado Gold Corporation
ERI	Eldorado Resorts Inc
EA	Electronic Arts Inc.
EFII	Electronics For Imaging, Inc.
ELVT	Elevate Credit, Inc.
LLY	Eli Lilly and Company
EMYB	Embassy Bancorp, Inc.
EME	EMCOR Group, Inc.
EMKR	EMCORE Corporation
EMRAF	Emera Inc
EMHTF	Emerald Health Therapeutics, Inc.
EBS	Emergent BioSolutions Inc.
EMGC	Emergent Capital, Inc.
EMR	Emerson Electric Co.
EMPK	Empire Bancorp Inc. (NY)
ESRT	Empire State Realty Trust, Inc. Class A
EIG	Employers Holdings, Inc.
ENTA	Enanta Pharmaceuticals, Inc.
ENB	Enbridge Inc.
ECA	Encana Corporation
EHC	Encompass Health Corporation
ECPG	Encore Capital Group, Inc.
WIRE	Encore Wire Corporation
EDVMF	Endeavour Mining Corporation
EXK	Endeavour Silver Corp.
ENDP	Endo International Plc
ELGX	Endologix, Inc.
ENR	Energizer Holdings Inc
WATT	Energous Corp.
UUUU	Energy Fuels Inc.
ERII	Energy Recovery, Inc.
ERF	Enerplus Corporation
ENS	EnerSys
EGHSF	Enghouse Systems Limited
ENGIY	ENGIE SA Sponsored ADR
E	Eni S.p.A. Sponsored ADR
EBF	Ennis, Inc.
ENVA	Enova International Inc
ENPH	Enphase Energy, Inc.
NPO	EnPro Industries, Inc.
ESV	Ensco plc Class A
ESGR	Enstar Group Limited
ENFC	Entegra Financial Corp.

ENTG	Entegris, Inc.
ETM	Entercom Communications Corp. Class A
ETR	Entergy Corporation
EBTC	Enterprise Bancorp, Inc.
EFSC	Enterprise Financial Services Corp
EVC	Entravision Communications Corporation Class A
ENV	Envestnet, Inc.
NWVCF	ENWAVE CORPORATION
ENZ	Enzo Biochem, Inc.
ENZN	Enzon Pharmaceuticals, Inc.
EOG	EOG Resources, Inc.
EPAM	EPAM Systems, Inc.
PLUS	ePlus inc.
EPR	EPR Properties
EQT	EQT Corporation
EFX	Equifax Inc.
EQIX	Equinix, Inc.
EQNR	Equinor ASA Sponsored ADR
EQXFF	Equinox Gold Corp.
ETRN	Equitrans Midstream Corporation
EQBK	Equity Bancshares, Inc. Class A
EQC	Equity Commonwealth
ELS	Equity LifeStyle Properties, Inc.
EQR	Equity Residential
EQS	Equus Total Return Inc
ERA	Era Group, Inc.
ESE	ESCO Technologies Inc.
ESPR	Esperion Therapeutics, Inc.
ESNT	Essent Group Ltd.
EPRT	Essential Properties Realty Trust, Inc.
ESS	Essex Property Trust, Inc.
EL	Estee Lauder Companies Inc. Class A
ESL	Esterline Technologies Corporation
ETH	Ethan Allen Interiors Inc.
ETSY	Etsy, Inc.
EEFT	Euronet Worldwide, Inc.
EB	EventBrite, Inc.
EVR	Evercore Inc Class A
RE	Everest Re Group, Ltd.
EVRG	Evergy, Inc.
EVRI	Everi Holdings, Inc.
ES	Eversource Energy
MRAM	Everspin Technologies, Inc.
EVTC	EVERTEC, Inc.
EVLV	EVINE Live Inc. Class A
EVOP	EVO Payments, Inc.
EVH	Evolent Health Inc Class A



EOLS	Evolus, Inc.
EXAS	Exact Sciences Corporation
XAN	Exantas Capital Corp.
EXEL	Exelixis, Inc.
EXC	Exelon Corporation
EXLS	ExlService Holdings, Inc.
EXPD	Expeditors International of Washington, Inc.
EXPGF	Experian PLC
EXPO	Exponent, Inc.
EXPR	Express, Inc.
STAY.U	Extended Stay America, Inc.
EXTN	Exterran Corp.
EXR	Extra Space Storage Inc.
EXTR	Extreme Networks, Inc.
XOM	Exxon Mobil Corporation
EYPT	EyePoint Pharmaceuticals, Inc.
FNB	F.N.B. Corporation
FFIV	F5 Networks, Inc.
FB	Facebook, Inc. Class A
FICO	Fair Isaac Corporation
FRFHF	Fairfax Financial Holdings Limited
FLMN	Falcon Minerals Corp. Class A
DAVE	Famous Dave's of America, Inc.
FMNB	Farmers National Banc Corp.
FPI	Farmland Partners Inc
FARO	FARO Technologies, Inc.
FAST	Fastenal Company
FATE	Fate Therapeutics, Inc.
FBSS	Fauquier Bankshares, Inc.
FBK	FB Financial Corporation
FFG	FBL Financial Group, Inc. Class A
FRT	Federal Realty Investment Trust
FSS	Federal Signal Corporation
FDX	FedEx Corporation
RACE	Ferrari NV
FOE	Ferro Corporation
FG	FGL holdings
FCAU	Fiat Chrysler Automobiles N.V.
FCSC	Fibrocell Science, Inc.
FGEN	FibroGen, Inc.
FNF	Fidelity National Financial, Inc. - FNF Group
FIS	Fidelity National Information Services, Inc.
FRGI	Fiesta Restaurant Group, Inc.
FITB	Fifth Third Bancorp
FISI	Financial Institutions, Inc.
FEYE	FireEye, Inc.
FAF	First American Financial Corporation

FBP	First Bancorp
FBMS	First Bancshares, Inc.
FRBA	First Bank
BUSE	First Busey Corporation
FBIZ	First Business Financial Services, Inc.
FCNCA	First Citizens BancShares, Inc. Class A
FCBC	First Community Bankshares Inc
FCCO	First Community Corporation
FDC	First Data Corporation Class A
FDEF	First Defiance Financial Corp.
FFBC	First Financial Bancorp.
FFIN	First Financial Bankshares Inc
THFF	First Financial Corporation
FFNW	First Financial Northwest, Inc.
FFWM	First Foundation, Inc.
FHB	First Hawaiian, Inc.
FHN	First Horizon National Corporation
FR	First Industrial Realty Trust, Inc.
INBK	First Internet Bancorp
FIBK	First Interstate BancSystem, Inc. Class A
AG	First Majestic Silver Corp.
FRME	First Merchants Corporation
FMBH	First Mid-Illinois Bancshares, Inc.
FMBI	First Midwest Bancorp, Inc.
FFMGF	First Mining Gold Corp.
FNRN	FIRST NORTHERN COMMUNITY BANCORP
FQVLF	First Quantum Minerals Ltd.
FRC	First Republic Bank
FSLR	First Solar, Inc.
FUSB	First US Bancshares, Inc.
MYFW	First Western Financial, Inc.
FCFS	FirstCash, Inc.
FE	FirstEnergy Corp.
FISV	Fiserv, Inc.
FIT	Fitbit, Inc. Class A
FIVE	Five Below, Inc.
FPH	Five Point Holdings LLC Class A
FPRX	Five Prime Therapeutics, Inc.
FVE	Five Star Senior Living Inc
FIVN	Five9, Inc.
FBC	Flagstar Bancorp, Inc.
FLT	FleetCor Technologies, Inc.
FLEX	Flex Ltd.
FLXN	Flexion Therapeutics, Inc.
FLIR	FLIR Systems, Inc.
FND	Floor & Decor Holdings, Inc. Class A
FTK	Flotek Industries, Inc.

FLO	Flowers Foods, Inc.
FLS	Flowserve Corporation
FLNT	Fluent, Inc.
FLDM	Fluidigm Corporation
FLR	Fluor Corporation
FMC	FMC Corporation
FOCS	Focus Financial Partners Inc.
FONR	Fonar Corporation
FL	Foot Locker, Inc.
F	Ford Motor Company
FSCT	Forescout Technologies nc.
FORM	FormFactor, Inc.
FRTA	Forterra, Inc.
FTNT	Fortinet, Inc.
FTS	Fortis Inc.
FTV	Fortive Corp.
FBIO	Fortress Biotech, Inc.
FTAI	Fortress Transportation & Infrastructure Investors LLC
FSM	Fortuna Silver Mines Inc.
FBHS	Fortune Brands Home & Security, Inc.
FET	Forum Energy Technologies, Inc.
FWRD	Forward Air Corporation
FORD	Forward Industries Inc.
FOSL	Fossil Group, Inc.
FBM	Foundation Building Materials, Inc.
FCPT	Four Corners Property Trust, Inc.
FOX	Fox Corporation
FNV	Franco-Nevada Corporation
FC	Franklin Covey Co.
FELE	Franklin Electric Co., Inc.
FSB	Franklin Financial Network, Inc.
BEN	Franklin Resources, Inc.
FSP	Franklin Street Properties Corp.
TGODF	Freen Organic Dutcman Holdings Ltd
FCX	Freeport-McMoRan, Inc.
FEIM	Frequency Electronics, Inc.
FMS	Fresenius Medical Care AG & Co. KGaA Sponsored ADR
FRPT	Freshpet Inc
FRD	Friedman Industries, Incorporated
RESI	Front Yard Residential Corp.
FTDR	FRONTDOOR INC
FTR	Frontier Communications Corporation Class B
FCN	FTI Consulting, Inc.
FTEK	Fuel Tech, Inc.
FCEL	FuelCell Energy, Inc.
FLL	Full House Resorts, Inc.
FULT	Fulton Financial Corporation

FF	FutureFuel Corp.
FVCB	FVCBankcorp, Inc.
GCAP	GAIN Capital Holdings, Inc.
GME	GameStop Corp. Class A
GLPI	Gaming and Leisure Properties, Inc.
GCI	Gannett Co., Inc.
GPS	Gap, Inc.
GDI	Gardner Denver Holdings, Inc.
GRMN	Garmin Ltd.
GTX	Garrett Motion Inc.
IT	Gartner, Inc.
GTES	Gates Industrial Corp PLC
GATX	GATX Corporation
GLIBP	GCI Liberty, Inc.
GCP	GCP Applied Technologies, Inc.
GELYF	Geely Automobile Holdings Limited
GNK	Genco Shipping & Trading Ltd
GENC	Gencor Industries, Inc.
GNRC	Generac Holdings Inc.
CANN	General Cannabis Corp
GD	General Dynamics Corporation
GE	General Electric Company
GIS	General Mills, Inc.
GMO	General Moly, Inc.
GM	General Motors Company
VEND	GENERATION NEXT FRANCHISE BRANDS
GNBT	Generex Biotechnology Corporation
GCO	Genesco Inc.
GWR	Genesee & Wyoming, Inc. Class A
GNE*A	Genie Energy Ltd Red Pref Shs Series-2012-A
GNMK	GenMark Diagnostics, Inc.
GNCA	Genocea Biosciences, Inc.
GHDX	Genomic Health, Inc.
G	Genpact Limited
GNPX	Genprex, Inc.
GNTX	Gentex Corporation
THRM	Gentherm Incorporated
GPC	Genuine Parts Company
GMICF	Genworth MI Canada Inc.
GEO	GEO Group Inc
GPRK	GeoPark Ltd
WNGRF	George Weston Limited
GABC	German American Bancorp, Inc.
GERN	Geron Corporation
GEVO	Gevo, Inc.
ROCK	Gibraltar Industries, Inc.
GIGA	Giga-tronics Incorporated

GIG	GigCapital, Inc.
GIII	G-III Apparel Group, Ltd.
GILT	Gilat Satellite Networks Ltd.
GIL	Gildan Activewear Inc.
GILD	Gilead Sciences, Inc.
GBCI	Glacier Bancorp, Inc.
LAND	Gladstone Land Corp.
GLAE	GlassBridge Enterprises Inc
GKOS	Glaukos Corp
GLAXF	GlaxoSmithKline plc
GLCNF	Glencore plc
GAHC	Global Arena Holding, Inc.
GBT	Global Blood Therapeutics Inc
BRSS	Global Brass and Copper Holdings, Inc.
ENT	Global Eagle Entertainment, Inc.
GMRE	Global Medical REIT Inc
GPN	Global Payments Inc.
SELF	Global Self Storage, Inc.
GWRS	Global Water Resources, Inc.
GSAT	Globalstar, Inc.
GMED	Globus Medical, Inc. Class A
GLUU	Glu Mobile Inc.
GLYC	GlycoMimetics, Inc.
GMS	GMS Inc.
GNC	GNC Holdings, Inc. Class A
GDDY	GoDaddy, Inc. Class A
GOGO	Gogo Inc.
GDRZF	Gold Reserve Inc. Class A
GORO	Gold Resource Corporation
GSV	Gold Standard Ventures Corp.
GDEN	Golden Entertainment, Inc.
AUMN	Golden Minerals Company
GQMNF	Golden Queen Mining Co. Ltd.
GSS	Golden Star Resources Ltd.
GV	Goldfield Corporation
GS	Goldman Sachs Group, Inc.
GT	Goodyear Tire & Rubber Company
GPRO	GoPro, Inc. Class A
GOSS	GOSSAMER BIO, INC.
GGG	Graco Inc.
GHM	Graham Corporation
GHC	Graham Holdings Co.
LOPE	Grand Canyon Education, Inc.
GRNNF	Grand City Properties SA
GVA	Granite Construction Incorporated
GPMT	Granite Point Mortgage Trust Inc.
GPK	Graphic Packaging Holding Company

GTN.A	Gray Television, Inc. Class A
AJX	Great Ajax Corp.
GLDD	Great Lakes Dredge & Dock Corporation
GPL	Great Panther Mining Limited
GSBC	Great Southern Bancorp, Inc.
GDOT	Green Dot Corporation Class A
GTBIF	Green Thumb Industries Inc
GBX	Greenbrier Companies, Inc.
GCBC	Greene County Bancorp, Inc.
GHL	Greenhill & Co., Inc.
GSKY	GreenSky, Inc. Class A
GFF	Griffon Corporation
GRTS	Gritstone Oncology, Inc.
GPI	Group 1 Automotive, Inc.
GRPN	Groupon, Inc.
GRWG	GrowGeneration Corp.
GRUB	GrubHub, Inc.
GSVC	GSV Capital Corp.
GTT	GTT Communications, Inc.
GES	Guess?, Inc.
GIFI	Gulf Island Fabrication, Inc.
GPOR	Gulfport Energy Corporation
GUYFF	Guyana Goldfields Inc.
GWPH	GW Pharmaceuticals PLC Sponsored ADR
HEES	H&E Equipment Services, Inc.
HRB	H&R Block, Inc.
FUL	H.B. Fuller Company
HABT	Habit Restaurants, Inc. Class A
HAE	Haemonetics Corporation
HAIN	Hain Celestial Group, Inc.
HK	Halcon Resources Corp
HLDFD	Halfords Group Plc
HNRG	Hallador Energy Co
HAL	Halliburton Company
HLMAF	Halma plc
HALO	Halozyme Therapeutics, Inc.
HBB	Hamilton Beach Brands Holding Co. Class A
HLNE	Hamilton Lane Incorporated Class A
HWC	Hancock Whitney Corporation
HBI	Hanesbrands Inc.
HNGR	Hanger, Inc.
HASI	Hannon Armstrong Sustainable Infrastructure Capital, Inc.
THG	Hanover Insurance Group, Inc.
HOG	Harley-Davidson, Inc.
HLIT	Harmonic Inc.
HSC	Harsco Corporation
HIG	Hartford Financial Services Group, Inc.

HBIO	Harvard Bioscience, Inc.
HRST	Harvset Oil and Gas Corp.
HAS	Hasbro, Inc.
HE	Hawaiian Electric Industries, Inc.
HA	Hawaiian Holdings, Inc.
HWKN	Hawkins, Inc.
HAYN	Haynes International, Inc.
HCHC	HC2 Holdings, Inc.
HCA	HCA Healthcare Inc
HCI	HCI Group, Inc.
HCP	HCP, Inc.
HDS	HD Supply Holdings, Inc.
HIIQ	Health Insurance Innovations, Inc. Class A
HR	Healthcare Realty Trust Incorporated
HCSG	Healthcare Services Group, Inc.
HTA	Healthcare Trust of America, Inc. Class A
HQY	HealthEquity Inc
HSTM	HealthStream, Inc.
HTLF	Heartland Financial USA, Inc.
HL	Hecla Mining Company
HEI	HEICO Corporation
HSII	Heidrick & Struggles International, Inc.
HELE	Helen of Troy Limited
HLX	Helix Energy Solutions Group, Inc.
HP	Helmerich & Payne, Inc.
HMTV	Hemisphere Media Group, Inc. Class A
HEB	Hemispherx Biopharma, Inc.
HSIC	Henry Schein, Inc.
HLF	Herbalife Nutrition Ltd.
HRI	Herc Holdings, Inc.
HTGC	Hercules Capital, Inc.
HTBK	Heritage Commerce Corp
HFWA	Heritage Financial Corporation
HRTG	Heritage Insurance Holdings, Inc.
MLHR	Herman Miller, Inc.
HRTX	Heron Therapeutics Inc
HT	Hersha Hospitality Trust Class A
HSY	Hershey Company
HTZ	Hertz Global Holdings, Inc.
HSKA	Heska Corporation
HES	Hess Corporation
HPE	Hewlett Packard Enterprise Co.
HXL	Hexcel Corporation
HYYDF	HEXO CORP.
HF	HFF, Inc. Class A
HIBRF	Hibernia REIT PLC
HCLP	Hi-Crush Partners LP

HLND	Highlands Bankshares, Inc.
HHDS	Highlands REIT, Inc.
HIW	Highwoods Properties, Inc.
HIL	Hill International, Inc.
HI	Hillenbrand, Inc.
HRC	Hill-Rom Holdings, Inc.
HTH	Hilltop Holdings Inc.
HGV	Hilton Grand Vacations, Inc.
HLT	Hilton Worldwide Holdings Inc
HMSY	HMS Holdings Corp.
HNI	HNI Corporation
HFC	HollyFrontier Corporation
HOLX	Hologic, Inc.
HBCP	Home Bancorp, Inc.
HOMB	Home BancShares, Inc.
HD	Home Depot, Inc.
HMST	HomeStreet, Inc.
HTBI	HomeTrust Bancshares, Inc.
HON	Honeywell International Inc.
HOFT	Hooker Furniture Corporation
HOPE	Hope Bancorp, Inc.
HMN	Horace Mann Educators Corporation
HBNC	Horizon Bancorp, Inc.
HZN	Horizon Global Corp.
HRRZF	Horizon Petroleum Ltd.
HZNP	Horizon Pharma plc
HRL	Hormel Foods Corporation
HOS	Hornbeck Offshore Services, Inc.
HPT	Hospitality Properties Trust
HST	Host Hotels & Resorts, Inc.
TWNK	Hostess Brands Inc
HMHC	Houghton Mifflin Harcourt Company
HLI	Houlihan Lokey, Inc. Class A
HWCC	Houston Wire & Cable Company
HHC	Howard Hughes Corporation
HWDJF	Howden Joinery Group PLC
HPQ	HP Inc.
HSBC	HSBC Holdings PLC Sponsored ADR
HTGM	HTG MOLECULAR DIAGNOSTICS, INC.
HUBG	Hub Group, Inc. Class A
HUBB	Hubbell Incorporated Class B
HUBS	HubSpot, Inc.
HBM	Hudbay Minerals Inc
HPP	Hudson Pacific Properties, Inc.
HDSN	Hudson Technologies, Inc.
HUM	Humana Inc.
HCFT	Hunt Companies Finance Trust, Inc.



HBAN	Huntington Bancshares Incorporated
HII	Huntington Ingalls Industries, Inc.
HUN	Huntsman Corporation
HURC	Hurco Companies, Inc.
HURN	Huron Consulting Group Inc.
H	Hyatt Hotels Corporation Class A
HY	Hyster-Yale Materials Handling, Inc. Class A
IAC	IAC/InterActiveCorp.
IAG	IAMGOLD Corporation
IBDRY	Iberdrola SA Sponsored ADR
IBKC	IBERIABANK Corporation
ICAD	iCAD, Inc.
ICFI	ICF International, Inc.
ICHR	Ichor Holdings, Ltd.
ICLR	ICON Plc
ICON	Iconix Brand Group, Inc.
ICUI	ICU Medical, Inc.
IDA	IDACORP, Inc.
INVE	Identiv, Inc.
IDRA	Idera Pharmaceuticals, Inc.
IEX	IDEX Corporation
IDXX	IDEXX Laboratories, Inc.
IEC	IEC Electronics Corp.
IFMK	IFRESH INC.
IGGRF	IG Group Holdings plc
INFO	IHS Markit Ltd.
IIVI	II-VI Incorporated
ITW	Illinois Tool Works Inc.
ILMN	Illumina, Inc.
IMAX	IMAX Corporation
IMMR	Immersion Corporation
ICCC	ImmuCell Corporation
IMGN	ImmunoGen, Inc.
IMMU	Immunomedics, Inc.
IMMP	Immutep Ltd Sponsored ADR
IMH	Impac Mortgage Holdings, Inc.
IMBBY	Imperial Brands PLC Sponsored ADR
IMO	Imperial Oil Limited
PI	Impinj, Inc.
INCY	Incyte Corporation
ICD	Independence Contract Drilling, Inc.
IRT	Independence Realty Trust, Inc.
INDB	Independent Bank Corp.
IBCP	Independent Bank Corporation
IBTX	Independent Bank Group, Inc.
IZQVF	Indivior PLC
ILPT	Industrial Logistics Properties Trust

IDDTF	Industrivarden AB Class C
INFN	Infinera Corporation
INFI	Infinity Pharmaceuticals, Inc.
INFU	InfuSystem Holdings, Inc.
ING	ING Groep NV Sponsored ADR
INGIF	Ingenico Group SA
IR	Ingersoll-Rand Plc
NGVT	Ingevity Corporation
ING	INGHAMS GROUP LTD
IMKTA	Ingles Markets, Incorporated Class A
INGR	Ingredion Incorporated
INGXF	Innergex Renewable Energy Inc.
INWK	InnerWorkings, Inc.
IPHS	Innophos Holdings, Inc.
IOSP	Innospec Inc.
INNT	Innovate Biopharmaceuticals Inc
IIPR	Innovative Industrial Properties Inc
INVA	Innoviva, Inc.
INGN	Inogen, Inc.
INOV	Inovalon Holdings, Inc. Class A
INO	Inovio Pharmaceuticals, Inc.
IPHI	Inphi Corporation
INPX	Inpixon
INSG	Insego Corp.
NSIT	Insight Enterprises, Inc.
ISIG	Insignia Systems, Inc.
INSM	Insmmed Incorporated
NSP	Insperity, Inc.
INSP	inspire mediactal systems, inc
NSPR	InspireMD, Inc.
IBP	Installed Building Products, Inc.
IIIN	Insteel Industries, Inc.
INST	Instructure, Inc.
PODD	Insulet Corporation
IFCZF	Intact Financial Corporation
ITGR	Integer Holdings Corporation
IART	Integra LifeSciences Holdings Corporation
INTC	Intel Corporation
NTLA	Intellia Therapeutics, Inc.
IPAR	Inter Parfums, Inc.
IPPLF	Inter Pipeline Ltd.
IBKR	Interactive Brokers Group, Inc. Class A
ICPT	Intercept Pharmaceuticals, Inc.
ICE	Intercontinental Exchange, Inc.
IDCC	InterDigital, Inc.
TILE	Interface, Inc.
IFSPF	Interfor Corporation

INLA	INTERLAPSE TECHNOLOGIES CORP.
ICGUF	Intermediate Capital Group plc
INAP	Internap Corporation
IBM	International Business Machines Corporation
IFF	International Flavors & Fragrances Inc.
IGT	International Game Technology PLC
IP	International Paper Company
INSW	International Seaways, Inc.
ISCO	International Stem Cell Corporation
IDXG	Interpace Diagnostics Group, Inc.
IPG	Interpublic Group of Companies, Inc.
XENT	Intersect ENT Inc
IKTSF	Intertek Group plc
INXN	Interxion Holding N.V.
INTT	inTEST Corporation
IVAC	Intevac, Inc.
ITCI	Intra-Cellular Therapies, Inc.
IPI	Intrepid Potash, Inc.
XON	Intrexon Corporation
IIN	IntriCon Corporation
INTU	Intuit Inc.
ISRG	Intuitive Surgical, Inc.
IVC	Invacare Corporation
IVZ	Invesco Ltd.
ISBC	Investors Bancorp Inc
ITIC	Investors Title Company
NVTA	Invitae Corp.
INVH	Invitation Homes, Inc.
NVIV	InVivo Therapeutics Holdings Corporation
IOM	IOMART GROUP PLC
IO	ION Geophysical Corporation
IONS	Ionis Pharmaceuticals, Inc.
IOVA	lovance Biotherapeutics Inc
IQE	IQE plc
IQV	IQVIA Holdings Inc
IRMD	iRadimed Corp
IRDM	Iridium Communications Inc.
RSHPF	Irish Residential Properties REIT PLC
IRBT	iRobot Corporation
IRM	Iron Mountain, Inc.
IRWD	Ironwood Pharmaceuticals, Inc. Class A
ISBA	Isabella Bank Corporation
STAR*D	iStar Financial Inc Cum Red Pfd Shs Series D
ITI	Iteris, Inc.
ITRI	Itron, Inc.
ITT	ITT, Inc.
ITVPF	ITV plc

IVPAF	Ivanhoe Mines Ltd
JJSF	J & J Snack Foods Corp.
JAX	J. Alexander's Holdings, Inc. Class A
JCP	J. C. Penney Company, Inc.
JBHT	J.B. Hunt Transport Services, Inc.
SJM	J.M. Smucker Company
JCOM	j2 Global, Inc.
JBL	Jabil Inc.
JKHY	Jack Henry & Associates, Inc.
JACK	Jack in the Box Inc.
JEC	Jacobs Engineering Group Inc.
JHX	James Hardie Industries PLC Sponsored ADR
JRVR	James River Group Holdings Ltd
JHG	Janus Henderson Group PLC
JAZZ	Jazz Pharmaceuticals Plc
JZR	Jazz Resources Inc.
JBGS	JBG SMITH Properties
JEF	Jefferies Financial Group Inc.
JELD	JELD-WEN Holding, Inc.
JCAP	Jernigan Capital, Inc.
JRVMF	JERVOIS MINING LIMITED
JBLU	JetBlue Airways Corporation
JBSS	John B. Sanfilippo & Son, Inc.
JBT	John Bean Technologies Corporation
JW.A	John Wiley & Sons, Inc. Class A
JNJ	Johnson & Johnson
JCI	Johnson Controls International plc
JMPLF	Johnson Matthey Plc
JOUT	Johnson Outdoors Inc. Class A
JLL	Jones Lang LaSalle Incorporated
JSDA	Jones Soda Co.
JNCE	Jounce Therapeutics, Inc.
JPM	JPMorgan Chase & Co.
JUVF	Juniata Valley Financial Corp.
JNPR	Juniper Networks, Inc.
JSTLF	JUST EAT plc
KAI	Kadant Inc.
KDMN	Kadmon Holdings, Inc.
KALU	Kaiser Aluminum Corporation
KALV	KalVista Pharmaceuticals, Inc.
KAMN	Kaman Corporation Class A
KCLI	Kansas City Life Insurance Company
KSU	Kansas City Southern
KAR	KAR Auction Services, Inc.
KPTI	Karyopharm Therapeutics, Inc.
KATFF	Katanga Mining Limited
KBH	KB Home

KBR	KBR, Inc.
FRAC	Keane Group, Inc.
KRNY	Kearny Financial Corp.
K	Kellogg Company
KELYB	Kelly Services, Inc. Class B
KEM	KEMET Corporation
KMPR	Kemper Corporation
KMT	Kennametal Inc.
KW	Kennedy-Wilson Holdings, Inc.
KDP	Keurig Dr Pepper Inc.
KEWL	Keweenaw Land Association, Limited
KTCC	Key Tronic Corporation
KEY	KeyCorp
KEYS	Keysight Technologies Inc
KEYW	KEYW Holding Corporation
KFRC	Kforce Inc.
KRC	Kilroy Realty Corporation
KE	Kimball Electronics, Inc.
KBAL	Kimball International, Inc. Class B
KMB	Kimberly-Clark Corporation
KIM	Kimco Realty Corporation
KMI	Kinder Morgan Inc Class P
KGFHF	Kingfisher Plc
KINS	Kingstone Companies, Inc.
KNSA	Kiniksa Pharmaceuticals Ltd. Class A
KGC	Kinross Gold Corporation
KNSL	Kinsale Capital Group, Inc.
KEX	Kirby Corporation
KL	Kirkland Lake Gold Ltd.
KIRK	Kirkland's, Inc.
KRG	Kite Realty Group Trust
KKR	KKR & CO. INC.
KLAC	KLA-Tencor Corporation
KLXE	KLX Energy Services Holdings, Inc.
KNX	Knight-Swift Transportation Holdings Inc. Class A
KNL	Knoll, Inc.
KNOP	KNOT Offshore Partners LP
KSS	Kohl's Corporation
PHG	Koninklijke Philips N.V. Sponsored ADR
KOP	Koppers Holdings Inc.
KFY	Korn Ferry
KRNT	Kornit Digital Ltd.
KOS	Kosmos Energy Ltd.
KOSS	Koss Corporation
KHC	Kraft Heinz Company
KBLB	Kraig Biocraft Laboratories Inc.
KRA	Kraton Corporation

KTOS	Kratos Defense & Security Solutions, Inc.
KR	Kroger Co.
KRO	Kronos Worldwide, Inc.
KURA	Kura Oncology, Inc.
KSHB	KushCo Holdings, Inc.
LB	L Brands, Inc.
FSTR	L. B. Foster Company
LHX	L3Harris Technologies Inc
LJPC	La Jolla Pharmaceutical Company
LH	Laboratory Corporation of America Holdings
LADR	Ladder Capital Corp. Class A
LTS	Ladenburg Thalmann Financial Services Inc.
LBAI	Lakeland Bancorp, Inc.
LKFN	Lakeland Financial Corporation
LAKE	Lakeland Industries, Inc.
LRCX	Lam Research Corporation
LAMR	Lamar Advertising Company Class A
LW	Lamb Weston Holdings, Inc.
LANC	Lancaster Colony Corporation
LNDC	Landec Corporation
LARK	Landmark Bancorp, Inc.
LE	Lands' End, Inc.
LSTR	Landstar System, Inc.
LCI	Lannett Company, Inc.
LNTH	Lantheus Holdings Inc
LTRX	Lantronix, Inc.
LMRXF	Laramide Resources Ltd.
LPI	Laredo Petroleum, Inc.
LGORF	Largo Resources Ltd.
LVS	Las Vegas Sands Corp.
LSCC	Lattice Semiconductor Corporation
LRCDF	Laurentian Bank of Canada
LAZ	Lazard Ltd Class A
LZB	LaZBoy Incorporated
LCII	LCI Industries
LCNB	LCNB Corp.
LEAF	Leaf Group Ltd.
LEA	Lear Corporation
LEDIF	LED Medical Diagnostics Inc.
LEE	Lee Enterprises, Incorporated
LGCY	Legacy Reserves, Inc.
LTXB	LegacyTexas Financial Group, Inc.
LGGNF	Legal & General Group Plc
LM	Legg Mason, Inc.
LEG	Leggett & Platt, Incorporated
LDOS	Leidos Holdings, Inc.
LMAT	LeMaitre Vascular, Inc.

LC	LendingClub Corp
TREE	LendingTree, Inc.
LEN	Lennar Corporation Class A
LII	Lennox International Inc.
LVNSF	LeoNovus Inc.
LEVL	Level One Bancorp, Inc.
LEVI	LEVI STRAUSS & CO
LXRP	Lexaria Bioscience Corp.
LXP	Lexington Realty Trust
LGIH	LGI Homes, Inc.
LGL	LGL Group, Inc.
LHCG	LHC Group, Inc.
LBY	Libbey Inc.
LBRDA	Liberty Broadband Corp. Class A
LBRDB	Liberty Broadband Corp. Class B
LBTYA	Liberty Global Plc Class A
LGDTF	Liberty Gold Corp
LHSIF	Liberty Health Sciences, Inc.
LILA	Liberty Latin America Ltd.
LILAB	Liberty Latin America Ltd. Class B
BATRA	Liberty Media Corp. Series A Liberty Braves
LSXMA	Liberty Media Corp. Series A Liberty SiriusXM
FWONA	Liberty Media Corporation Series A Liberty Formula One
LBRT	Liberty Oilfield Services Inc. Class A
LPT	Liberty Property Trust
LTRPA	Liberty TripAdvisor Holdings Inc Class A
LSI	Life Storage, Inc.
LDSYF	Lifestyle Delivery Systems, Inc.
LCUT	Lifetime Brands, Inc.
LWAY	Lifeway Foods, Inc.
LGND	Ligand Pharmaceuticals Incorporated
LPTH	LightPath Technologies, Inc. Class A
LWLG	Lightwave Logic, Inc.
LMB	Limbach Holdings, Inc.
LLNW	Limelight Networks, Inc.
LIMAF	Linamar Corporation
LECO	Lincoln Electric Holdings, Inc.
LNC	Lincoln National Corporation
LIN	Linde plc
LGF.A	Lions Gate Entertainment Corp Class A
LPCN	Lipocine, Inc.
LQDT	Liquidity Services, Inc.
LAD	Lithia Motors, Inc. Class A
LAC	Lithium Americas Corp.
LFUS	Littelfuse, Inc.
LIVN	LivaNova Plc
LYV	Live Nation Entertainment, Inc.

LOB	Live Oak Bancshares, Inc.
LTHM	LIVENT CORPORATION
LPSN	LivePerson, Inc.
RAMP	LiveRamp Holdings, Inc.
LKQ	LKQ Corporation
LLDTF	Lloyds Banking Group plc
LMT	Lockheed Martin Corporation
L	Loews Corporation
LOGI	Logitech International S.A.
LOGM	LogMeIn, Inc.
LORL	Loral Space & Communications Inc.
LPX	Louisiana-Pacific Corporation
LOW	Lowe's Companies, Inc.
LPLA	LPL Financial Holdings Inc.
LRAD	LRAD Corporation
LXU	LSB Industries, Inc.
LKSD	LSC Communications, Inc.
LYTS	LSI Industries Inc.
LSLPF	LSL Property Services plc
LTC	LTC Properties, Inc.
LUB	Luby's, Inc.
LULU	Lululemon Athletica Inc
LITE	Lumentum Holdings, Inc.
LMNX	Luminex Corp
LUNA	Luna Innovations Incorporated
FTMNF	Lundin Gold Inc.
LUNMF	Lundin Mining Corporation
LPKGF	Lupaka Gold Corp.
LBC	LUTHER BURBANK CORPORATION
LXFR	Luxfer Holdings PLC
LYB	LyondellBasell Industries NV
MTB	M&T Bank Corporation
MDC	M.D.C. Holdings, Inc.
MHO	M/I Homes, Inc.
MCBC	Macatawa Bank Corporation
MAC	Macerich Company
CLI	Mack-Cali Realty Corporation
MFNC	Mackinac Financial Corporation
MTSI	MACOM Technology Solutions Holdings, Inc.
MCQEF	Macquarie Group Limited
MIC	Macquarie Infrastructure Corporation
MGNX	MacroGenics, Inc.
M	Macy's Inc
MAG	MAG Silver Corp.
MGLN	Magellan Health, Inc.
MMP	Magellan Midstream Partners, L.P.
MGA	Magna International Inc.



MGY	Magnolia Oil & Gas Corp. Class A
MGYR	Magyar Bancorp, Inc.
MAIN	Main Street Capital Corporation
MBUU	Malibu Boats Inc Class A
MNK	Mallinckrodt Plc
MLVF	Malvern Bancorp, Inc.
TUSK	Mammoth Energy Services, Inc.
MANH	Manhattan Associates, Inc.
MNTX	Manitex International, Inc.
MTW	Manitowoc Company, Inc.
MN	Manning & Napier, Inc. Class A
MNKD	MannKind Corporation
MAN	ManpowerGroup Inc.
MANT	ManTech International Corporation Class A
MFC	Manulife Financial Corporation
MRO	Marathon Oil Corporation
MARA	Marathon Patent Group, Inc.
MPC	Marathon Petroleum Corporation
MCHX	Marchex, Inc. Class B
MMI	Marcus & Millichap, Inc.
MCS	Marcus Corporation
MRMD	Marimed Inc
MPX	Marine Products Corporation
HZO	MarineMax, Inc.
MRNS	Marinus Pharmaceutical, Inc.
MKL	Markel Corporation
MKTX	MarketAxess Holdings Inc.
MAKSY	Marks and Spencer Group plc Sponsored ADR
MRLN	Marlin Business Services Corp.
MAR	Marriott International, Inc. Class A
VAC	Marriott Vacations Worldwide Corporation
MMC	Marsh & McLennan Companies, Inc.
MRTN	Marten Transport, Ltd.
MLM	Martin Marietta Materials, Inc.
MRETF	MARTINREA International Inc.
MRVL	Marvell Technology Group Ltd.
MAS	Masco Corporation
MASI	Masimo Corporation
DOOR	Masonite International Corp.
MTZ	MasTec, Inc.
MCFT	Mastercraft Boat Holdings, Inc.
MTDR	Matador Resources Company
MTCH	Match Group, Inc.
MTRN	Materion Corporation
MTNB	Matinas BioPharma Holdings, Inc.
MTRX	Matrix Service Company
MATX	Matson, Inc.

MAT	Mattel, Inc.
MATW	Matthews International Corporation Class A
MLP	Maui Land & Pineapple Company, Inc.
MXIM	Maxim Integrated Products, Inc.
MMS	MAXIMUS, Inc.
MXL	MaxLinear inc
MCS	McCarthy & Stone PLC
MNI	McClatchy Company Class A
MKC	McCormick & Company, Incorporated
MDR	McDermott International, Inc.
MCD	McDonald's Corporation
MUX	McEwen Mining Inc.
MGRC	McGrath RentCorp
MCK	McKesson Corporation
MDCA	MDC Partners Inc. Class A
MDU	MDU Resources Group Inc
MFIN	Medallion Financial Corp.
MPW	Medical Properties Trust, Inc.
MDCO	Medicines Company
MDSO	Medidata Solutions, Inc.
MED	Medifast, Inc.
MDLY	Medley Management, Inc. Class A
MD	MEDNAX, Inc.
MEDP	Medpace Holdings, Inc.
MDT	Medtronic plc
MEET	Meet Group Inc
MEGGF	Meggitt PLC
MLNT	Melinta Therapeutics, Inc.
MLNX	Mellanox Technologies, Ltd.
MELI	MercadoLibre, Inc.
AMTB	MERCANTIL BANK HOLDING CORPORATION
MERC	Mercer International Inc.
MRK	Merck & Co., Inc.
MCY	Mercury General Corporation
MRCY	Mercury Systems, Inc.
MDP	Meredith Corporation
EBSB	Meridian Bancorp Inc
VIVO	Meridian Bioscience, Inc.
MMSI	Merit Medical Systems, Inc.
MTH	Meritage Homes Corporation
MTOR	Meritor, Inc.
MACK	Merrimack Pharmaceuticals, Inc.
MESA	MESA AIR GROUP, INC.
CASH	Meta Financial Group, Inc.
MEOH	Methanex Corporation
MEI	Methode Electronics, Inc.
MET	MetLife, Inc.

MTD	Mettler-Toledo International Inc.
MFA	MFA Financial, Inc.
MGEE	MGE Energy, Inc.
MTG	MGIC Investment Corporation
MGP	MGM Growth Properties LLC Class A
MGM	MGM Resorts International
MGPI	MGP Ingredients, Inc.
MGXMF	MGX Minerals Inc.
MIK	Michaels Companies Inc
MFGP	Micro Focus International plc Sponsored ADR
MBOT	Microbot Medical Inc
MCHP	Microchip Technology Incorporated
MICR	Micron Solutions, Inc.
MU	Micron Technology, Inc.
MSTR	MicroStrategy Incorporated Class A
MVIS	MicroVision, Inc.
MPB	Mid Penn Bancorp, Inc.
MAA	Mid-America Apartment Communities, Inc.
MIDD	Middleby Corporation
MSEX	Middlesex Water Company
MSBI	Midland States Bancorp, Inc.
MPO	MIDSTATES PETROLEUM COMPANY, INC.
MOFG	MidWestOne Financial Group, Inc.
MCRN	Milacron Holdings Corp.
MLR	Miller Industries, Inc.
TIGO	Millicom International Cellular SA
MIME	Mimecast Limited
MDXG	MiMedx Group, Inc.
MTX	Minerals Technologies Inc.
NERV	Minerva Neurosciences, Inc.
MGEN	Miragen Therapeutics, Inc.
MRTX	Mirati Therapeutics Inc.
MG	Mistras Group, Inc.
MIND	Mitcham Industries, Inc.
MBPFF	Mitchells & Butlers plc
MITK	Mitek Systems, Inc.
MJARF	MJARDIN GROUP, INC.
MKSI	MKS Instruments, Inc.
MINI	Mobile Mini, Inc.
MODN	Model N, Inc.
MRNA	Moderna, Inc.
MOD	Modine Manufacturing Company
MC	Moelis & Co. Class A
MHK	Mohawk Industries, Inc.
MTEM	Molecular Templates, Inc.
MOH	Molina Healthcare, Inc.
TAP	Molson Coors Brewing Company Class B

MNTA	Momenta Pharmaceuticals, Inc.
MCRI	Monarch Casino & Resort, Inc.
MDLZ	Mondelez International, Inc. Class A
MDB	MongoDB, Inc. Class A
MNR	Monmouth Real Estate Investment Corporation Class A
MPWR	Monolithic Power Systems, Inc.
TYPE	Monotype Imaging Holdings Inc.
MNRO	Monro Inc
MNST	Monster Beverage Corporation
MR	Montage Resources Corp.
MCO	Moody's Corporation
MOG.A	Moog Inc. Class A
MOG.B	Moog Inc. Class B
MGAM	MORGAN ADVANCED MATERIALS PLC
MS	Morgan Stanley
MORN	Morningstar, Inc.
MOS	Mosaic Company
MPAA	Motorcar Parts of America, Inc.
MSI	Motorola Solutions, Inc.
MOV	Movado Group, Inc.
COOP	Mr. Cooper Group, Inc.
MRC	MRC Global Inc.
MRIC	MRI Interventions, Inc.
MSA	MSA Safety, Inc.
MSM	MSC Industrial Direct Co., Inc. Class A
MSCI	MSCI Inc. Class A
MTSC	MTS Systems Corporation
MTYFF	MTY Food Group Inc.
MLI	Mueller Industries, Inc.
MWA	Mueller Water Products, Inc. Class A
MUR	Murphy Oil Corporation
MUSA	Murphy USA, Inc.
MBIO	Mustang Bio Inc.
MVBF	MVB Financial Corp.
MYE	Myers Industries, Inc.
MYL	Mylan N.V.
MYOK	MYOKARDIA, INC.
MYOV	Myovant Sciences Ltd.
MYRG	MYR Group Inc.
NBR	Nabors Industries Ltd.
NC	NACCO Industries, Inc. Class A
NTP	Nam Tai Property Inc.
NXTTF	Namaste Technologies Inc.
NANO	Nanometrics Incorporated
NSTG	NanoString Technologies, Inc.
NAOV	NanoVibronix, Inc.
NDAQ	Nasdaq, Inc.

NTRA	Natera Inc.
NATH	Nathan's Famous, Inc.
NBHC	National Bank Holdings Corporation Class A
NTIOF	National Bank of Canada
FIZZ	National Beverage Corp.
NCMI	National CineMedia, Inc.
NFG	National Fuel Gas Company
NGHC	National General Holdings Corp.
NGG	National Grid plc Sponsored ADR
NHI	National Health Investors, Inc.
NHC	National HealthCare Corporation
NATI	National Instruments Corporation
NOV	National Oilwell Varco, Inc.
NPK	National Presto Industries, Inc.
NNN	National Retail Properties, Inc.
NSA	National Storage Affiliates Trust
EYE	National Vision Holdings, Inc.
NWLI	National Western Life Group, Inc. Class A
NGS	Natural Gas Services Group, Inc.
NGVC	Natural Grocers by Vitamin Cottage, Inc.
BABY	Natus Medical Incorporated
NLS	Nautilus Inc
NCI	Navigant Consulting, Inc.
NVGS	Navigator Holdings Ltd.
NAV	Navistar International Corporation
NBTB	NBT Bancorp Inc.
NCS	NCI Building Systems, Inc.
NCR	NCR Corporation
NP	Neenah Inc
NKTR	Nektar Therapeutics
NNI	Nelnet, Inc. Class A
NEOG	Neogen Corporation
NEO	NeoGenomics, Inc.
NLTX	NEOLEUKIN THERAPEUTICS, INC.
NPTN	NeoPhotonics Corporation
NVCN	Neovasc Inc.
NSRGF	Nestle S.A.
NTAP	NetApp, Inc.
NFLX	Netflix, Inc.
NTGR	NETGEAR, Inc.
NTCT	NetScout Systems, Inc.
NTWK	NetSol Technologies, Inc.
CUR	Neuralstem Inc
NBIX	Neurocrine Biosciences, Inc.
NTRP	Neurotrope Inc
NVRO	Nevro Corp.
NBEV	New Age Beverages Corp.

NWHM	New Home Co., Inc.
NJR	New Jersey Resources Corporation
NMFC	New Mountain Finance Corporation
NEWR	New Relic, Inc.
NRZ	New Residential Investment Corp.
SNR	New Senior Investment Group Inc
NYCB	New York Community Bancorp, Inc.
NYMT	New York Mortgage Trust, Inc.
NYT	New York Times Company Class A
NZRFF	New Zealand Refining Co. Ltd.
NWL	Newell Brands Inc
NLNK	Newlink Genetics Corporation
NMRK	Newmark Group, Inc. Class A
NEU	NewMarket Corporation
NEM	Newmont Mining Corporation
NR	Newpark Resources, Inc.
NEWT	Newtek Business Services Corp.
NXRT	NexPoint Residential Trust Inc
NXST	Nexstar Media Group, Inc. Class A
NXGPF	Next plc
NXT	NEXTDC LTD
NEP	NextEra Energy Partners LP
NEE	NextEra Energy, Inc.
NXGN	NextGen Healthcare, Inc.
EGOV	NIC Inc.
NICE	NICE Ltd Sponsored ADR
NCBS	Nicolet Bankshares Inc
NLSN	Nielsen Holdings Plc
NIHD	NII Holdings Inc
NKE	NIKE, Inc. Class B
NIOBF	NioCorp Developments Ltd.
NI	NiSource Inc
NL	NL Industries Inc
NMIH	NMI Holdings, Inc. Class A
NNGPF	NN Group N.V.
NNBR	NN, Inc.
NE	Noble Corporation plc
NBL	Noble Energy, Inc.
NOK	Nokia Oyj Sponsored ADR
NDLS	Noodles & Co. Class A
OSB	Norbord Inc.
NDCVF	Nordic Semiconductor ASA
NDSN	Nordson Corporation
JWN	Nordstrom, Inc.
NSC	Norfolk Southern Corporation
NRT	North European Oil Royalty Trust
NBN	Northeast Bancorp

NAK	Northern Dynasty Minerals Ltd.
NGPHF	Northern Graphite Corporation
NOG	Northern Oil and Gas, Inc.
NTRS	Northern Trust Corporation
NRE	NorthStar Realty Europe Corp.
NWBI	Northwest Bancshares, Inc.
NWBO	Northwest Biotherapeutics, Inc.
NWN	Northwest Natural Holding Co.
NWPX	Northwest Pipe Company
NWE	NorthWestern Corporation
NWARF	Norwegian Air Shuttle ASA
NCLH	Norwegian Cruise Line Holdings Ltd.
NORZF	NorZinc Ltd.
NVMI	Nova Measuring Instruments Ltd
NBY	NovaBay Pharmaceuticals, Inc.
NG	Novagold Resources Inc
NOVT	Novanta Inc
NVS	Novartis AG Sponsored ADR
NVAX	Novavax, Inc.
NVLN	Novelion Therapeutics Inc.
NVCR	Novocure Ltd.
DNOW	NOW Inc.
NRG	NRG Energy, Inc.
NUS	Nu Skin Enterprises, Inc. Class A
NUAN	Nuance Communications, Inc.
NUE	Nucor Corporation
NS	NuStar Energy L.P.
NTR	NUTRIEN LTD. ("THE CORPORATION")
NUVA	NuVasive, Inc.
NVTR	Nuvectra Corp.
NRIF	Nuvo Pharmaceuticals Inc.
NVEE	NV5 Global Inc
NVEC	NVE Corporation
NVT	NVENT ELECTRIC PLC
NVDA	NVIDIA Corporation
NVR	NVR, Inc.
NXPI	NXP Semiconductors NV
NSFDF	NXT Energy Solutions Inc.
OAS	Oasis Petroleum Inc.
OBE	Obsidian Energy Ltd
OCDGF	Ocado Group PLC
OXY	Occidental Petroleum Corporation
OCANF	OceanaGold Corporation
OII	Oceaneering International, Inc.
OCFC	OceanFirst Financial Corp.
OZM	Och-Ziff Capital Management Group LLC Class A
OFED	OCONEE FEDERAL FINANCIAL CORP

OCUL	Ocular Therapeutix Inc
OVTZ	Oculus VisionTech Inc.
OCN	Ocwen Financial Corporation
ODP	Office Depot, Inc.
OPI	Office Properties Income Trust
OFG	OFG Bancorp
OFS	OFS Capital Corp.
OGE	OGE Energy Corp.
OIS	Oil States International, Inc.
OKTA	Okta, Inc. Class A
ODFL	Old Dominion Freight Line, Inc.
OLBK	Old Line Bancshares, Inc.
ONB	Old National Bancorp
ORI	Old Republic International Corporation
OSBC	Old Second Bancorp, Inc.
OLN	Olin Corporation
OLLI	Ollie's Bargain Outlet Holdings Inc
ZEUS	Olympic Steel, Inc.
OHI	Omega Healthcare Investors, Inc.
OMER	Omeros Corporation
OMCL	Omnicell, Inc.
OMC	Omnicom Group Inc
OMN	OMNOVA Solutions Inc.
OMVJF	OMV AG
ONDK	On Deck Capital, Inc.
ON	ON Semiconductor Corporation
OOBHF	On The Beach Group PLC
OTIV	On Track Innovations Ltd.
OCX	OncoCyte Corp.
ONTX	Onconova Therapeutics Inc.
OGS	ONE Gas, Inc.
OLP	One Liberty Properties, Inc.
OSS	One Stop Systems, Inc.
OMF	OneMain Holdings, Inc.
OKE	ONEOK, Inc.
OSPN	OneSpan Inc.
ONEXF	Onex Corporation
OTEX	Open Text Corporation
OPHT	Ophthotech Corp.
OPK	OPKO Health, Inc.
OPTN	OptiNose, Inc.
OPB	Opus Bank
ORCL	Oracle Corporation
ORMP	Oramed Pharmaceuticals Inc.
ORAN	Orange SA Sponsored ADR
OSUR	OraSure Technologies, Inc.
ORBC	ORBCOMM Inc.



ORLY	O'Reilly Automotive, Inc.
ONVO	Organovo Holdings, Inc.
OBNK	Origin Bancorp, Inc.
OESX	Orion Energy Systems, Inc.
ORA	Ormat Technologies, Inc.
ORRF	Orrstown Financial Services, Inc.
OFIX	Orthofix Medical, Inc.
KIDS	OrthoPediatics Corp.
OSK	Oshkosh Corp
OR	Osisko Gold Royalties Ltd
OSBHF	Oslo Bors VPS Holding ASA
OTEL	OTELCO INC.
OTIC	Otonomy, Inc.
OTTR	Otter Tail Corporation
OUT	OUTFRONT Media Inc.
OSTK	Overstock.com, Inc.
OMI	Owens & Minor, Inc.
OC	Owens Corning
OI	Owens-Illinois, Inc.
OXFD	Oxford Immunotec Global PLC
OXM	Oxford Industries, Inc.
OZMLF	OZ Minerals Limited
GLT	P. H. Glatfelter Company
PCAR	PACCAR Inc
PEIX	Pacific Ethanol, Inc.
PCGPRA	Pacific Gas & Electric Co 6 % Cum.1st Pfd Shs Voting
PPBI	Pacific Premier Bancorp, Inc.
PCRX	Pacira Biosciences, Inc.
PKG	Packaging Corporation of America
PACW	PacWest Bancorp
PAAS	Pan American Silver Corp.
PHX	Panhandle Oil and Gas Inc. Class A
PANRF	Panoramic Resources Limited
PZZA	Papa John's International, Inc.
PARR	Par Pacific Holdings Inc
PAR	PAR Technology Corporation
PGRE	Paramount Group, Inc.
PRTK	Paratek Pharmaceuticals Inc
TEUM	Pareteum Corporation
PARXF	Parex Resources Inc.
PKE	Park Electrochemical Corp.
PRK	Park National Corporation
PH	Parker-Hannifin Corporation
PKOH	Park-Ohio Holdings Corp.
PE	Parsley Energy, Inc. Class A
PRTY	Party City Holdco, Inc.
PATK	Patrick Industries, Inc.

PEGI	Pattern Energy Group, Inc. Class A
PDCO	Patterson Companies, Inc.
PTEN	Patterson-UTI Energy, Inc.
PAYX	Paychex, Inc.
PAYC	Paycom Software, Inc.
PYDS	Payment Data Systems, Inc.
PYPL	PayPal Holdings Inc
PYPTF	PayPoint plc
PBF	PBF Energy, Inc. Class A
CNXN	PC Connection, Inc.
PCWLF	PCCW Limited
PDCE	PDC Energy, Inc.
PDLI	PDL BioPharma, Inc.
PDVW	pdvWireless, Inc.
BTU	Peabody Energy Corporation
PEB	Pebblebrook Hotel Trust
PED	PEDEVCO Corp.
PEGA	Pegasystems Inc.
PBA	Pembina Pipeline Corporation
PGHEF	Pengrowth Energy Corporation
PVAC	PENN VIRGINIA CORPORATION
PWOD	Penns Woods Bancorp, Inc.
PEI	Pennsylvania Real Estate Investment Trust
PFSI	PennyMac Financial Services, Inc.
PMT	PennyMac Mortgage Investment Trust
PAG	Penske Automotive Group, Inc.
PNR	Pentair plc
PEN	Penumbra, Inc.
PEBO	Peoples Bancorp Inc.
PEBK	Peoples Bancorp of North Carolina, Inc.
PBCT	People's United Financial, Inc.
PEP	PepsiCo, Inc.
PRCP	Perceptron, Inc.
PRFT	Perficient, Inc.
PFGC	Performance Food Group Company
PERI	Perion Network Ltd
PKI	PerkinElmer, Inc.
PESI	Perma-Fix Environmental Services, Inc.
PPIH	Perma-Pipe International Holdings Inc
PRGO	Perrigo Co. Plc
PSMMF	Persimmon Plc
PRSP	PERSPECTA, INC.
PETQ	PetIQ, Inc. Class A
PETS	PetMed Express, Inc.
PTALF	PetroTal Corp.
PEYUF	Peyto Exploration & Development Corp.
PFE	Pfizer Inc.

PFSW	PFSweb, Inc.
PCG	PG&E Corporation
PGTI	PGT Innovations, Inc.
PMCB	PHARMACYTE BIOTECH, INC.
PAHC	Phibro Animal Health Corporation Class A
PM	Philip Morris International Inc.
PSX	Phillips 66
PHNX	PHOENIX GROUP HOLDINGS PLC
PLAB	Photronics, Inc.
DOC	Physicians Realty Trust
PICO	PICO Holdings, Inc.
PDM	Piedmont Office Realty Trust, Inc. Class A
PIR	Pier 1 Imports, Inc.
PILBF	Pilbara Minerals Limited
PPC	Pilgrim's Pride Corporation
PIAIF	Ping An Insurance (Group) Company of China, Ltd. Class H
PNFP	Pinnacle Financial Partners, Inc.
PNW	Pinnacle West Capital Corporation
PES	Pioneer Energy Services Corp.
PXD	Pioneer Natural Resources Company
PJC	Piper Jaffray Companies
PBI	Pitney Bowes Inc.
PVTL	Pivot Software Inc.
PXLW	Pixelworks, Inc.
PJT	PJT Partners, Inc. Class A
PAA	Plains All American Pipeline, L.P.
PAGP	Plains GP Holdings LP Class A
PLNT	Planet Fitness, Inc. Class A
PLT	Plantronics, Inc.
PLUUF	Plateau Energy Metals Inc.
PLYA	Playa Hotels & Resorts N.V.
PYTCF	Playtech plc
PLXS	Plexus Corp.
PLUG	Plug Power Inc.
PS	Pluralsight, Inc. Class A
PNC	PNC Financial Services Group, Inc.
PNM	PNM Resources, Inc.
PII	Polaris Industries Inc.
PBKOF	Pollard Banknote Limited
PLM	PolyMet Mining Corp.
POYYF	Polymetal International Plc
POL	PolyOne Corporation
POOL	Pool Corporation
BPOP	Popular, Inc.
POAHF*	Porsche Automobil Holding SE Pref
POR	Portland General Electric Company
PTMN	Portman Ridge Finance Corporation

PTLA	Portola Pharmaceuticals, Inc.
POST	Post Holdings, Inc.
PBPB	Potbelly Corp.
PCH	PotlatchDeltic Corporation
PWCDF	Power Corporation of Canada
POWI	Power Integrations, Inc.
PPG	PPG Industries, Inc.
PPL	PPL Corporation
PQG	PQ Group Holdings, Inc.
PRAA	PRA Group Inc
PRAH	PRA Health Sciences, Inc.
PREKF	PrairieSky Royalty Ltd
PDS	Precision Drilling Corporation
AIPT	Precision Therapeutics Inc.
APTS	Preferred Apartment Communities, Inc.
PFBC	Preferred Bank
PBH	Prestige Consumer Healthcare Inc
PVG	Pretium Resources Inc.
PRGX	PRGX Global, Inc.
PSMT	PriceSmart, Inc.
PMHG	Prime Meridian Holding Co.
PRI	Primerica, Inc.
PRIM	Primoris Services Corporation
PFG	Principal Financial Group, Inc.
PRNB	Principia Biopharma Inc.
PRA	ProAssurance Corporation
PROBF	Probe Metals, Inc.
PG	Procter & Gamble Company
PFIE	Profire Energy, Inc.
PRGS	Progress Software Corporation
PGR	Progressive Corporation
PLD	Prologis, Inc.
PFPT	Proofpoint, Inc.
PUMP	ProPetro Holding Corp.
STKR	Prophotonix Limited
PRO	PROS Holdings, Inc.
PBSFF	ProSiebenSat.1 Media SE
PB	Prosperity Bancshares, Inc.(R)
PTGX	Protagonist Therapeutics Inc.
PLX	Protalix Biotherapeutics, Inc.
PTI	PROTEOSTASIS THERAPEUTICS INC
PRTA	Prothena Corp. Plc
PRLB	Proto Labs, Inc.
PVCT	Provectus Biopharmaceuticals, Inc.
PRSC	Providence Service Corporation
FPLPF	Provident Financial PLC
PRU	Prudential Financial, Inc.

PUK	Prudential plc Sponsored ADR
PSB	PS Business Parks, Inc.
PSBQ	PSB Holdings, Inc.
PMD	Psychemedics Corporation
PTC	PTC Inc.
PTCT	PTC Therapeutics, Inc.
PEG	Public Service Enterprise Group Inc
PSA	Public Storage
PUB	Publicis Groupe SA
PULM	Pulmatrix Inc
PHM	PulteGroup, Inc.
PBYI	Puma Biotechnology, Inc.
PURE	Pure Bioscience, Inc.
PCYO	Pure Cycle Corporation
PSTG	Pure Storage, Inc. Class A
PRPL	Purple Innovation, Inc.
PVH	PVH Corp.
PYX	Pyxus International, Inc.
QTWO	Q2 Holdings, Inc.
QADA	QAD Inc. Class A
QCRH	QCR Holdings, Inc.
QEP	QEP Resources, Inc.
QGEN	QIAGEN NV
QRVO	Qorvo, Inc.
QTS	QTS Realty Trust, Inc. Class A
KWR	Quaker Chemical Corporation
QCOM	QUALCOMM Incorporated
QBAK	Qualstar Corporation
QLYS	Qualys, Inc.
NX	Quanex Building Products Corporation
PWR	Quanta Services, Inc.
QTRX	Quanterix Corporation
QMCO	Quantum Corporation
DGX	Quest Diagnostics Incorporated
QUIK	QuickLogic Corporation
QDEL	Quidel Corporation
QNST	QuinStreet, Inc.
QHC	Quorum Health Corp.
QUOT	Quotient Technology Incorporated
QRTEA	Qurate Retail, Inc. Class A
RRD	R.R. Donnelley & Sons Company
RCM	R1 RCM Inc
RMED	RA MEDICAL SYSTEMS INC
RDN	Radian Group Inc.
RLGT	Radiant Logistics, Inc.
RDUS	Radius Health Inc
RDWR	Radware Ltd.

RL	Ralph Lauren Corporation Class A
METC	RAMACO RESOURCES, INC.
RMBS	Rambus Inc.
RNDB	RANDOLPH BANCORP, INC.
RANJF	Randstad NV
RRC	Range Resources Corporation
RPD	Rapid7 Inc.
RAVN	Raven Industries, Inc.
RJF	Raymond James Financial, Inc.
RYAM	Rayonier Advanced Materials Inc
RYN	Rayonier Inc.
RTN	Raytheon Company
RBB	RBB Bancorp
ROLL	RBC Bearings Incorporated
RMAX	RE/MAX Holdings, Inc.
RGSE	Real Goods Solar, Inc. Class A
RNWK	RealNetworks, Inc.
RLGY	Realogy Holdings Corp.
RP	RealPage, Inc.
O	Realty Income Corporation
RETA	Reata Pharmaceuticals, Inc. Class A
RB	Reckitt Benckiser Group plc
REPH	Recro Pharma, Inc.
RHT	Red Hat, Inc.
RRGB	Red Robin Gourmet Burgers, Inc.
RRR	Red Rock Resorts, Inc. Class A
RDFN	Redfin Corporation
RDHL	RedHill Biopharma Ltd. Sponsored ADR
RWT	Redwood Trust, Inc.
RBC	Regal Beloit Corp
REG	Regency Centers Corporation
REGN	Regeneron Pharmaceuticals, Inc.
RGRX	RegeneRx Biopharmaceuticals, Inc.
RGNX	REGENXBIO INC
RGUS	Regi U.S., Inc.
RM	Regional Management Corp.
RF	Regions Financial Corporation
RGLS	Regulus Therapeutics Inc.
RGA	Reinsurance Group of America, Incorporated
RS	Reliance Steel & Aluminum Co.
RBNC	Reliant Bancorp, Inc.
RLMD	Relmada Therapeutics Inc
RELX	RELX PLC Sponsored ADR
RNR	RenaissanceRe Holdings Ltd.
RNST	Renasant Corporation
REGI	Renewable Energy Group, Inc.
RCII	Rent-A-Center Inc

REPYF	Repsol SA
RBCAA	Republic Bancorp, Inc. Class A
FRBK	Republic First Bancorp, Inc.
RSG	Republic Services, Inc.
REFR	Research Frontiers Incorporated
REZI	RESIDEO TECHNOLOGIES, INC.
RMD	ResMed Inc.
RFP	Resolute Forest Products Inc.
RESN	Resonant Inc.
RECN	Resources Connection, Inc.
QSR	Restaurant Brands International LP
ROIC	Retail Opportunity Investments Corp.
RPAI	Retail Properties of America, Inc. Class A
RVI	Retail Value, Inc.
REVG	REV Group, Inc.
RVNC	Revance Therapeutics, Inc.
REX	REX American Resources Corporation
RNN	Rexahn Pharmaceuticals, Inc.
REXR	Rexford Industrial Realty, Inc.
RXN	Rexnord Corporation
RH	RH
RBBN	Ribbon Communications Inc.
RTMVF	Rightmove plc
RNG	RingCentral, Inc. Class A
RTNTF	Rio Tinto Limited
RIO	Rio Tinto plc Sponsored ADR
RIOCF	RioCan Real Estate Investment Trust
RIOT	Riot Blockchain Inc
RBA	Ritchie Bros. Auctioneers Incorporated
RAD	Rite Aid Corporation
RVRA	Riviera Resources, Inc.
RLI	RLI Corp.
RLJ	RLJ Lodging Trust
RMR	RMR Group, Inc. Class A
RHI	Robert Half International Inc.
RCKT	Rocket Pharmaceuticals, Inc.
ROK	Rockwell Automation, Inc.
RMTI	Rockwell Medical, Inc.
RCKY	Rocky Brands, Inc.
RCIAF	Rogers Communications
ROG	Rogers Corporation
ROKU	Roku, Inc. Class A
ROL	Rollins, Inc.
ROP	Roper Technologies, Inc.
ROSE	Rosehill Resources Inc. Class A
ROST	Ross Stores, Inc.
RTOXF	Rotork plc

ADRNY	Royal Ahold Delhaize N.V. Sponsored ADR
RY	Royal Bank of Canada
RBS	Royal Bank of Scotland Group plc Sponsored ADR
RCL	Royal Caribbean Cruises Ltd.
RDS	Royal Dutch Shell Plc Class B
RDS.A	Royal Dutch Shell Plc Sponsored ADR Class A
RGLD	Royal Gold, Inc.
ROYMF	Royal Mail plc
RES	RPC, Inc.
RPM	RPM International Inc.
RPT	RPT Realty
RUBI	Rubicon Project, Inc.
RTEC	Rudolph Technologies, Inc.
RUSHB	Rush Enterprises, Inc. Class B
RUTH	Ruth's Hospitality Group, Inc.
RWEOY	RWE AG Sponsored ADR
R	Ryder System, Inc.
RYI	Ryerson Holding Corporation
RHP	Ryman Hospitality Properties, Inc.
SPGI	S&P Global, Inc.
STBA	S&T Bancorp, Inc.
SANW	S&W Seed Company
SAABF	Saab AB Class B
SGSVF	Sabina Gold & Silver Corp.
SBRA	Sabra Health Care REIT, Inc.
SABR	Sabre Corp.
SFE	Safeguard Scientifics, Inc.
SAFT	Safety Insurance Group, Inc.
SFHLF	SAF-HOLLAND S.A.
SGA	Saga Communications, Inc. Class A
SAGA	Saga plc
SAGE	SAGE Therapeutics, Inc.
SAIA	Saia, Inc.
SAIL	SAILPOINT TECHNOLOGIES HOLDINGS, INC.
SALM	Salem Media Group, Inc. Class A
CRM	salesforce.com, inc.
SAL	Salisbury Bancorp, Inc.
SBH	Sally Beauty Holdings, Inc.
SAFM	Sanderson Farms, Inc.
SD	SandRidge Energy, Inc.
SAND	Sandstorm Gold Ltd.
SASR	Sandy Spring Bancorp, Inc.
SGMO	Sangamo Therapeutics, Inc.
SANM	Sanmina-SCI Corporation
SNYNF	Sanofi
SC	Santander Consumer USA Holdings, Inc.
SAP	SAP SE Sponsored ADR



SAR	Saratoga Investment Corp.
SRPT	Sarepta Therapeutics, Inc.
BFS	Saul Centers, Inc.
SVRA	Savara, Inc.
SBAC	SBA Communications Corp. Class A
SBTF	Schibsted ASA Class B
SLB	Schlumberger NV
SNDR	Schneider National, Inc.
SCHN	Schnitzer Steel Industries, Inc. Class A
SCHL	Scholastic Corporation
SWM	Schweitzer-Mauduit International, Inc.
SAIC	Science Applications International Corp.
SGMS	Scientific Games Corporation
SMG	Scotts Miracle-Gro Company Class A
SWNLF	ScoZinc Mining Ltd.
SEB	Seaboard Corporation
SA	Seabridge Gold Inc
SBCF	Seacoast Banking Corporation of Florida
CKH	SEACOR Holdings Inc.
SMHI	SEACOR MARINE HOLDINGS INC.
STX	Seagate Technology PLC
SEE	Sealed Air Corporation
SGEN	Seattle Genetics, Inc.
SEAS	SeaWorld Entertainment, Inc.
SCWX	SecureWorks Corp. Class A
SEEL	Seelos Therapeutics, Inc.
SEIC	SEI Investments Company
SLCT	Select Bancorp Inc
WTTR	Select Energy Services, Inc. Class A
SHVTF	Select Harvests Limited
SEM	Select Medical Holdings Corporation
SNS	Select Sands Corp.
SIGI	Selective Insurance Group, Inc.
SEMG	SemGroup Corporation Class A
SRE	Sempra Energy
SMTC	Semtech Corporation
SENEA	Seneca Foods Corporation Class A
SNH	Senior Housing Properties Trust
ST	Sensata Technologies Holding PLC
SENS	Senseonics Holdings, Inc.
SXT	Sensient Technologies Corporation
SRTS	Sensus Healthcare, Inc.
SQBG	Sequential Brands Group, Inc.
MCRB	Seres Therapeutics Inc
SRG	Seritage Growth Properties Class A
SCI	Service Corporation International
SERV	ServiceMaster Global Holdings, Inc.

NOW	ServiceNow, Inc.
SREV	ServiceSource International, Inc.
SFBS	ServisFirst Bancshares Inc
SVT	Servotronics, Inc.
SESN	Sesen Bio, Inc.
SFR	SEVERFIELD PLC
SVBI	Severn Bancorp, Inc.
SGBX	SG Blocks Inc
SHAK	Shake Shack, Inc. Class A
SHEN	Shenandoah Telecommunications Company
SHERF	Sherritt International Corporation
SHW	Sherwin-Williams Company
PIXY	ShiftPixy, Inc.
SHLO	Shiloh Industries, Inc.
SCVL	Shoe Carnival, Inc.
SHOP	Shopify, Inc. Class A
SCPAF.U	Shopping Centres Australasia Property Group RE Ltd.
SHBI	Shore Bancshares, Inc.
SSTI	ShotSpotter, Inc.
SFLY	Shutterfly, Inc.
SSTK	Shutterstock, Inc.
SNNA	Sienna Biopharmaceuticals, Inc.
SIEN	Sientra, Inc.
BSRR	Sierra Bancorp
SRRA	Sierra Oncology, Inc.
SWIR	Sierra Wireless Inc.
SIGA	SIGA Technologies Inc
SGLB	Sigma Labs, Inc.
SBNY	Signature Bank
SIG	Signet Jewelers Limited
SLGN	Silgan Holdings Inc.
SLAB	Silicon Laboratories Inc.
SIMO	Silicon Motion Technology Corporation Sponsored ADR
SLRRF	Silver Range Resources Ltd.
SBOW	SilverBow Resources Inc
SVM	Silvercorp Metals Inc.
SFNC	Simmons First National Corporation Class A
SPG	Simon Property Group, Inc.
SSD	Simpson Manufacturing Co., Inc.
SMUPF	Sims Metal Management Limited
SLP	Simulations Plus, Inc.
SBGI	Sinclair Broadcast Group, Inc. Class A
SGAPY	Singapore Telecommunications Limited Sponsored ADR
SHI	Sinopec Shanghai Petrochemical Co. Ltd. Sponsored ADR Class H
SINT	SINTX Technologies, Inc.
SIRI	Sirius XM Holdings, Inc.
SITC	SITE Centers Corp.

SITE	SiteOne Landscape Supply, Inc.
SIX	Six Flags Entertainment Corporation
SJW	SJW Group
SKX	Skechers U.S.A., Inc. Class A
SKY	Skyline Champion Corp.
SKYW	SkyWest, Inc
SWKS	Skyworks Solutions, Inc.
SWDHF	Skyworth Digital Holdings Limited
SLG	SL Green Realty Corp.
SNBR	Sleep Number Corporation
SLM	SLM Corp
SM	SM Energy Company
SFS	Smart & Final Stores, Inc.
SGH	SMART GLOBAL HOLDINGS, INC.
SMBK	SmartFinancial, Inc.
SNNUF	Smith & Nephew plc
SNN	Smith & Nephew PLC Sponsored ADR
SNA	Snap-on Incorporated
SLRC	Solar Capital Ltd.
SEDG	SolarEdge Technologies, Inc.
SOI	Solaris Oilfield Infrastructure, Inc. Class A
SLNO	Soleno Therapeutics Inc
SLRK	Solera National Bancorp, Inc.
XPL	Solitario Zinc Corp
SAH	Sonic Automotive, Inc. Class A
SOFO	Sonic Foundry, Inc.
SON	Sonoco Products Company
SNOA	Sonoma Pharmaceuticals, Inc.
SRNE	Sorrento Therapeutics, Inc.
BID	Sotheby's
SJI	South Jersey Industries, Inc.
SSB	South State Corporation
SHTLF	South32 Ltd.
SO	Southern Company
SCCO	Southern Copper Corporation
SFST	Southern First Bancshares, Inc.
SONA	Southern National Bancorp of Virginia, Inc.
SBSI	Southside Bancshares, Inc.
LUV	Southwest Airlines Co.
SWX	Southwest Gas Holdings, Inc.
SGB	Southwest Georgia Financial Corporation
SWN	Southwestern Energy Company
SP	SP Plus Corporation
SPKKY	Spark New Zealand Limited Sponsored ADR
ONCE	Spark Therapeutics, Inc.
SPAR	Spartan Motors, Inc.
SPTN	SpartanNash Company

SEPJF	Spectris plc
SPB	Spectrum Brands Holdings, Inc.
SPPI	Spectrum Pharmaceuticals, Inc.
TRK	Speedway Motorsports, Inc.
SPRO	Spero Therapeutics, Inc.
SPEX	SPHERIX INCORPORATED
SR	Spire Inc.
SPR	Spirit AeroSystems Holdings, Inc. Class A
SAVE	Spirit Airlines, Inc.
SMTA	SPIRIT MTA REIT
STXB	Spirit of Texas Bancshares, Inc
SRC	Spirit Realty Capital, Inc.
SPLK	Splunk Inc.
SPWH	Sportsman's Warehouse Holdings, Inc.
SBPH	SPRING BANK PHARMACEUTICALS INC.
SPOXF	Sprott Inc.
SFM	Sprouts Farmers Markets, Inc.
SPSC	SPS Commerce, Inc.
SPXC	SPX Corporation
FLOW	SPX Flow, Inc.
SQ	Square, Inc. Class A
SSNC	SS&C Technologies Holdings, Inc.
SSRM	SSR Mining Inc
JOE	St. Joe Company
STAA	STAAR Surgical Company
STAG	STAG Industrial, Inc.
STMP	Stamps.com Inc.
SMP	Standard Motor Products, Inc.
SXI	Standex International Corporation
SWK	Stanley Black & Decker, Inc.
STN	Stantec Inc
SBUX	Starbucks Corporation
TSG	Stars Group Inc.
SRT	StarTek, Inc.
STWD	Starwood Property Trust, Inc.
STT	State Street Corporation
GASS	StealthGas Inc.
STCN	Steel Connect, Inc.
STLD	Steel Dynamics, Inc.
SCS	Steelcase Inc. Class A
SBOT	Stellar Biotechnologies, Inc.
SCL	Stepan Company
SRCL	Stericycle, Inc.
STE	STERIS Plc
STL	Sterling Bancorp
STRL	Sterling Construction Company, Inc.
SHOO	Steven Madden, Ltd.

STC	Stewart Information Services Corporation
SF	Stifel Financial Corp.
STMEF	STMicroelectronics NV
STM	STMicroelectronics NV ADR RegS
SYBT	Stock Yards Bancorp, Inc.
STOR	STORE Capital Corporation
SMDZF	STRATEGIC METALS LTD.
STRT	STRATTEC SECURITY CORPORATION
STRS	Stratus Properties Inc.
STRM	Streamline Health Solutions, Inc.
SBBP	Strongbridge Biopharma PLC
SYK	Stryker Corporation
RGR	Sturm, Ruger & Company, Inc.
SMMF	Summit Financial Group, Inc.
INN	Summit Hotel Properties, Inc.
SUM	Summit Materials, Inc. Class A
SSBI	Summit State Bank
SMMT	Summit Therapeutics PLC Sponsored ADR
SUI	Sun Communities, Inc.
SNHY	Sun Hydraulics Corporation
SLF	Sun Life Financial Inc.
SXC	SunCoke Energy, Inc.
SU	Suncor Energy Inc.
STKL	SunOpta Inc.
SPWR	SunPower Corporation
RUN	Sunrun Inc.
SHO	Sunstone Hotel Investors, Inc.
STI	SunTrust Banks, Inc.
sunw	Sunworks, Inc.
SPN	Superior Energy Services, Inc.
SUP	Superior Industries International, Inc.
SUUIF	Superior Plus Corp
SUPN	Supernus Pharmaceuticals, Inc.
SPRT	Support.com, Inc.
SGRY	Surgery Partners, Inc.
SRDX	Surmodics Inc
SIVB	SVB Financial Group
SWPFF	Swire Properties Limited
SSREF	Swiss Re AG
SCMWY	Swisscom AG Sponsored ADR
SWCH	Switch, Inc. Class A
SYKE	Sykes Enterprises, Incorporated
SYNC	Synacor, Inc.
SYNL	Synalloy Corporation
SYNA	Synaptics Incorporated
SNCR	Synchronoss Technologies, Inc.
SYF	Synchrony Financial

SNDX	SYNDAX PHARMACEUTICALS
SYNH	Syneos Health, Inc. Class A
SNX	SYNNEX Corporation
SNPS	Synopsys, Inc.
SNV	Synovus Financial Corp.
SYN	Synthetic Biologics, Inc.
THOR	Synthorx, Inc.
SY	Sysco Corporation
TROW	T. Rowe Price Group
TTOO	T2 Biosystems, Inc.
DATA	Tableau Software, Inc. Class A
TRHC	Tabula Rasa Healthcare, Inc.
TCMD	Tactile Systems Technology, Inc.
TAOIF	TAG OIL LTD.
TLRD	Tailored Brands, Inc.
TSM	Taiwan Semiconductor Manufacturing Co., Ltd. Sponsored ADR
TTWO	Take-Two Interactive Software, Inc.
TLND	Talend SA Sponsored ADR
TNDM	Tandem Diabetes Care, Inc.
SKT	Tanger Factory Outlet Centers, Inc.
TRX	TANZANIAN GOLD CORPORATION
TPR	Tapestry, Inc.
TRGP	Targa Resources Corp.
TGT	Target Corporation
TRNX	Taronis Technologies, Inc.
TTM	Tata Motors Limited Sponsored ADR
TATYF	Tate & Lyle PLC
TATYY	Tate & Lyle PLC Sponsored ADR
TCO	Taubman Centers, Inc.
TMHC	Taylor Morrison Home Corporation Class A
TWODF	Taylor Wimpey plc
TCF	TCF Financial Corporation
AMTD	TD Ameritrade Holding Corporation
TEL	TE Connectivity Ltd.
TISI	Team, Inc.
TECD	Tech Data Corporation
FTI	TechnipFMC Plc
TPCS	TechPrecision Corporation
TTGT	TechTarget, Inc.
TCKRF	Teck Resources Limited Class A
TECK	Teck Resources Limited Class B
TK	Teekay Corporation
TNK	Teekay Tankers Ltd. Class A
TGNA	TEGNA, Inc.
TRC	Tejon Ranch Co.
TDOC	Teladoc Health, Inc.
TLTZF	Tele2 AB Class B

TDY	Teledyne Technologies Incorporated
TFX	Teleflex Incorporated
TEF	Telefonica SA Sponsored ADR
TNAV	TeleNav, Inc.
TDS	Telephone and Data Systems, Inc.
TKOI	Telkonet, Inc.
TELL	Tellurian Inc.
TU	TELUS Corporation
TMNSF	Temenos AG
TPX	Tempur Sealy International Inc
TENB	Tenable Holdings, Inc.
TCTZF	Tencent Holdings Ltd.
THC	Tenet Healthcare Corporation
TNC	Tennant Company
TEN	Tenneco Inc. Class A
TDC	Teradata Corporation
TER	Teradyne, Inc.
TEX	Terex Corporation
TRTC	Terra Tech Corp
TERP	TerraForm Power, Inc. Class A
TRNO	Terreno Realty Corporation
TBNK	Territorial Bancorp Inc.
TSLA	Tesla Inc
TTEK	Tetra Tech, Inc.
TTI	TETRA Technologies, Inc.
TTPH	Tetraphase Pharmaceuticals, Inc.
TEVA	Teva Pharmaceutical Industries Limited Sponsored ADR
TCBI	Texas Capital Bancshares, Inc.
TXN	Texas Instruments Incorporated
TPL	Texas Pacific Land Trust
TXRH	Texas Roadhouse, Inc.
TXT	Textron Inc.
TGTX	TG Therapeutics, Inc.
FLWPF	THE FLOWR CORPORATION
TBPH	Theravance Biopharma Inc
TMO	Thermo Fisher Scientific Inc.
THR	Thermon Group Holdings, Inc.
TRI	Thomson Reuters Corporation
TDW	Tidewater Inc
TIF	Tiffany & Co.
TLYS	Tilly's, Inc. Class A
TLRY	Tilray, Inc.
TKR	Timken Company
TMST	TimkenSteel Corp
TIPT	Tiptree Inc.
TWI	Titan International, Inc.
TITN	Titan Machinery Inc.

TMDI	Titan Medical Inc
TTNP	Titan Pharmaceuticals, Inc.
TVTY	Tivity Health, Inc.
TIVO	TiVo Corp.
TJX	TJX Companies Inc
TMUS	T-Mobile US, Inc.
TOL	Toll Brothers, Inc.
TMP	Tompkins Financial Corporation
TR	Tootsie Roll Industries, Inc.
BLD	TopBuild Corp.
TPT	TOPPS TILES PLC
TRCH	Torchlight Energy Resources, Inc.
TMK	Torchmark Corporation
TORXF	Torex Gold Resources Inc.
TTC	Toro Company
TD	Toronto-Dominion Bank
TTP	Tortoise Pipeline & Energy Fund Inc
TSS	Total System Services, Inc.
TOWR	Tower International, Inc.
TSEM	Tower Semiconductor Ltd
TOWN	Townebank
TSQ	Townsquare Media, Inc. Class A
TRTX	TPG RE Finance Trust, Inc.
TSLX	TPG Specialty Lending, Inc.
TPIC	TPI Composites, Inc.
TCON	TRACON PHARMACEUTICALS, INC.
TSCO	Tractor Supply Company
TTD	Trade Desk, Inc. Class A
TRP	TransCanada Corporation
TRNS	Transcat, Inc.
TDG	TransDigm Group Incorporated
TRXC	TransEnterix, Inc.
TGA	TransGlobe Energy Corporation
RIG	Transocean Ltd.
TRU	TransUnion
TA	TravelCenters of America LLC
TRV	Travelers Companies, Inc.
TSRMF	Treasury Metals Inc.
TG	Tredegar Corporation
THS	TreeHouse Foods, Inc.
TRVN	Trevena, Inc.
TREX	Trex Company, Inc.
TPH	TRI Pointe Group Inc
TRCO	Tribune Media Co. Class A
TCDA	Tricida Inc
TCBK	TriCo Bancshares
TCNGF	Tricon Capital Group Inc.



TRRFF	Trifecta Gold Ltd.
TRIL	Trillium Therapeutics Inc.
TLLYF	Trilogy International Partners Inc.
TMQ	Trilogy Metals Inc.
TRS	TriMas Corporation
TRMB	Trimble Inc.
TNET	TriNet Group, Inc.
TRN	Trinity Industries, Inc.
TSE	Trinseo SA
TRIP	TripAdvisor, Inc.
TSC	TriState Capital Holdings, Inc.
TRRSF	Trisura Group Ltd.
TRTN	Triton International Ltd. Class A
TBK	Triumph Bancorp, Inc.
TGI	Triumph Group, Inc.
CHXMF	TROILUS GOLD CORP
TROX	Tronox Holdings PLC
TRLFF	True Leaf Brands Inc.
TRUE	TrueCar, Inc.
TCNNF	TRULIEVE CANNABIS CORP.
TRUP	Trupanion, Inc.
TRST	TrustCo Bank Corp NY
TRMK	Trustmark Corporation
TSRI	TSR, Inc.
TTMI	TTM Technologies, Inc.
TUP	Tupperware Brands Corporation
TPB	Turning Point Brands Inc
HEAR	Turtle Beach Corporation
TPC	Tutor Perini Corporation
TWLO	Twilio, Inc. Class A
TWIN	Twin Disc, incorporated
TRWH	Twin River Holdings, Inc.
TWTR	Twitter, Inc.
TWO	Two Harbors Investment Corp.
TYL	Tyler Technologies, Inc.
TSN	Tyson Foods, Inc. Class A
USB	U.S. Bancorp
USCR	U.S. Concrete, Inc.
USAU	U.S. Gold Corp.
USPH	U.S. Physical Therapy, Inc.
SLCA	U.S. Silica Holdings, Inc.
UBSFF	Ubisoft Entertainment SA
UBS	UBS Group AG
UDR	UDR, Inc.
UFPT	UFP Technologies, Inc.
UGI	UGI Corporation
ULTA	Ulta Beauty Inc

UCTT	Ultra Clean Holdings, Inc.
ULE	Ultra Electronics Holdings plc
UPL	Ultra Petroleum Corp.
RARE	Ultragenyx Pharmaceutical, Inc.
UMBF	UMB Financial Corporation
UMH	UMH Properties, Inc.
UMICF	Umicore
UMPQ	Umpqua Holdings Corporation
UAA	Under Armour, Inc. Class A
UFI	Unifi, Inc.
UNF	UniFirst Corporation
UN	Unilever NV ADR
UL	Unilever PLC Sponsored ADR
UBSH	Union Bankshares Corporation
UNB	Union Bankshares, Inc.
UNP	Union Pacific Corporation
UIS	Unisys Corporation
UNT	Unit Corporation
UBCP	United Bancorp, Inc.
UBOH	United Bancshares, Inc.
UBSI	United Bankshares, Inc.
UCBI	United Community Banks, Inc.
UCFC	United Community Financial Corp.
UAL	United Continental Holdings, Inc.
UBNK	United Financial Bancorp Inc
UFCS	United Fire Group, Inc.
UIHC	United Insurance Holdings Corp.
UPS	United Parcel Service, Inc. Class B
URI	United Rentals, Inc.
USM	United States Cellular Corp
USLM	United States Lime & Minerals, Inc.
X	United States Steel Corporation
UTX	United Technologies Corporation
UTHR	United Therapeutics Corporation
UNH	UnitedHealth Group Incorporated
UNIT	Uniti Group Inc
UTL	Unitil Corporation
UNTY	Unity Bancorp, Inc.
UVV	Universal Corp
OLED	Universal Display Corporation
UEIC	Universal Electronics Inc.
UFPI	Universal Forest Products, Inc.
UHT	Universal Health Realty Income Trust
UHS	Universal Health Services, Inc. Class B
UVE	Universal Insurance Holdings, Inc.
UVSP	Univest Financial Corporation
UNM	Unum Group

UPLD	Upland Software, Inc.
UPWK	Upwork, Inc.
UE	Urban Edge Properties
URG	Ur-Energy Inc.
UBA	Urstadt Biddle Properties Inc.
ECOL	US Ecology, Inc.
USFD	US Foods Holding Corp.
USAK	USA Truck, Inc.
USNA	USANA Health Sciences, Inc.
UTGN	UTG, Inc.
VFC	V.F. Corporation
EGY	VAALCO Energy, Inc.
VGWCF	VALENS GROWWORKS CORP
VLO	Valero Energy Corporation
VLY	Valley National Bancorp
VMI	Valmont Industries, Inc.
VVV	Valvoline Inc.
VNDA	Vanda Pharmaceuticals Inc.
VREX	Varex Imaging Corporation
VAR	Varian Medical Systems, Inc.
VRNS	Varonis Systems, Inc.
VGR	Vector Group Ltd.
VEC	Vectrus Inc
VEGPF	Vectura Group plc
VECO	Veeco Instruments Inc.
VEEV	Veeva Systems Inc Class A
VTR	Ventas, Inc.
VNE	VEONEER INC
VRA	Vera Bradley, Inc.
VCYT	Veracyte Inc
VER	VEREIT, Inc. Class A
VCEL	Vericel Corporation
VRNT	Verint Systems Inc.
VRSN	VeriSign, Inc.
VRSK	Verisk Analytics Inc
VBTX	Veritex Holdings, Inc.
VRTV	Veritiv Corp
VERI	Veritone, Inc.
VZ	Verizon Communications Inc.
VET	Vermilion Energy Inc.
VRML	Vermillion, Inc.
VRRM	Verra Mobility Corporation
VRCA	Verrica Pharmaceuticals Inc
VSM	Versum Materials, Inc.
VTNR	Vertex Energy, Inc.
VRTX	Vertex Pharmaceuticals Incorporated
VERU	Veru Inc

VIA	Viacom Inc. Class A
VVI	Viad Corp
VSAT	ViaSat, Inc.
VIAV	Viavi Solutions Inc
VICI	VICI Properties inc
VITFF	Victoria Gold Corp.
VCTR	Victory Capital Holdings, Class A
VCT	Victrex plc
VKTX	Viking Therapeutics, Inc.
VFF	Village Farms International, Inc.
VABK	Virginia National Bankshares Corporation
VHC	VirnetX Holding Corporation
VIRT	Virtu Financial, Inc. Class A
VRTU	Virtusa Corporation
V	Visa Inc. Class A
VSH	Vishay Intertechnology, Inc.
VPG	Vishay Precision Group, Inc.
VSTO	Vista Outdoor Inc
VC	Visteon Corporation
VST	Vistra Energy Corp.
VSI	Vitamin Shoppe, Inc.
VVUS	VIVUS, INC.
VMW	VMware, Inc. Class A
VCRA	Vocera Communications, Inc.
VCMMF	Vocus Group Limited
VODPF	Vodafone Group Plc
VG	Vonage Holdings Corp.
VNO	Vornado Realty Trust
VNVSDB	Vostok New Ventures Ltd Shs Swedish Depository Receipt Repr 1 Sh
VOYA	Voya Financial, Inc.
VYGR	VOYAGER THERAPEUTICS INC
VMC	Vulcan Materials Company
VUZI	Vuzix Corporation
GRA	W R Grace & Co
WTI	W&T Offshore, Inc.
WPC	W. P. Carey Inc.
WRB	W. R. Berkley Corporation
GWV	W.W. Grainger, Inc.
WNC	Wabash National Corporation
WBC	WABCO Holdings Inc.
WDR	Waddell & Reed Financial, Inc. Class A
WBA	Walgreens Boots Alliance Inc
WD	Walker & Dunlop, Inc.
WMT	Walmart Inc.
DIS	Walt Disney Company
HCC	Warrior Met Coal, Inc.
WAFD	Washington Federal, Inc.

WPG	Washington Prime Group Inc.
WRE	Washington Real Estate Investment Trust
WASH	Washington Trust Bancorp, Inc.
WM	Waste Management, Inc.
WAT	Waters Corporation
WSBF	Waterstone Financial, Inc.
WTRE	WATFORD HOLDINGS LTD
WSO	Watsco, Inc.
WTS	Watts Water Technologies, Inc. Class A
W	Wayfair, Inc. Class A
WFT	Weatherford International plc
WBS	Webster Financial Corporation
WEC	WEC Energy Group Inc
WTW	Weight Watchers International, Inc.
WRI	Weingarten Realty Investors
WBT	Welbilt Inc
WCG	WellCare Health Plans, Inc.
WFC	Wells Fargo & Company
WELL	Welltower, Inc.
WEN	Wendy's Company
WERN	Werner Enterprises, Inc.
WSBC	WesBanco, Inc.
WAIR	Wesco Aircraft Holdings, Inc
WCC	WESCO International, Inc.
WTBA	West Bancorporation, Inc.
WFTBF	West Fraser Timber Co. Ltd.
WST	West Pharmaceutical Services, Inc.
WABC	Westamerica Bancorporation
WSTL	Westell Technologies, Inc. Class A
WAL	Western Alliance Bancorp
WDC	Western Digital Corporation
WNEB	Western New England Bancorp, Inc.
WU	Western Union Company
WAB	Westinghouse Air Brake Technologies Corporation
WLK	Westlake Chemical Corporation
WPRT	Westport Fuel Systems, Inc.
WRK	WestRock Company
WWR	Westwater Resources Inc
WHG	Westwood Holdings Group, Inc.
WEX	WEX Inc.
WY	Weyerhaeuser Company
WARFF	Wharf (Holdings) Ltd.
WPM	Wheaton Precious Metals Corp
WHLKF	Wheelock & Co. Ltd.
WHR	Whirlpool Corporation
WTM	White Mountains Insurance Group Ltd
WSR	Whitestone REIT

WLL	Whiting Petroleum Corporation
WOW	WideOpenWest, Inc.
WVVI	Willamette Valley Vineyards, Inc.
WMB	Williams Companies, Inc.
WSM	Williams-Sonoma, Inc.
WLTW	Willis Towers Watson Public Limited Company
WSC	Willscot Corp
WING	Wingstop, Inc.
WTFC	Wintrust Financial Corporation
WETF	WisdomTree Investments, Inc.
WIX	Wix.com Ltd.
WNS	WNS (Holdings) Limited Sponsored ADR
WWW	Wolverine World Wide, Inc.
WWD	Woodward, Inc.
WDAY	Workday, Inc. Class A
WKHS	Workhorse Group Inc.
WK	Workiva, Inc. Class A
WKP	WORKSPACE GROUP PLC
WRLD	World Acceptance Corporation
INT	World Fuel Services Corporation
WWE	World Wrestling Entertainment, Inc. Class A
WP	Worldpay, Inc. Class A
WOR	Worthington Industries, Inc.
WPP	WPP Plc Sponsored ADR
WPX	WPX Energy, Inc.
WMGI	Wright Medical Group NV
WSFS	WSFS Financial Corporation
WYND	Wyndham Destinations, Inc.
WH	Wyndham Hotel & Resorts, Inc.
WYNN	Wynn Resorts, Limited
XEL	Xcel Energy Inc.
XNCR	Xencor, Inc.
XHR	Xenia Hotels & Resorts, Inc.
XENE	Xenon Pharmaceuticals Inc.
XERS	Xeris Pharmaceuticals, Inc.
XROLF	Xero Limited
XRX	Xerox Corporation
XLNX	Xilinx, Inc.
XOMA	XOMA Corporation
XPER	Xperi Corp
XPO	XPO Logistics, Inc.
XYL	Xylem Inc.
AUY	Yamana Gold Inc.
YELP	Yelp Inc
YETI	YETI HOLDINGS, INC.
YEXT	YEXT, INC.
YOGA	Yogaworks, Inc.

YRKB	York Traditions Bank York County
YORW	York Water Company
YRCW	YRC Worldwide Inc.
YUMC	Yum China Holdings, Inc.
YUM	Yum! Brands, Inc.
ZFGN	Zafgen, Inc.
ZAGG	ZAGG Inc
ZAYO	Zayo Group Holdings, Inc.
ZBRA	Zebra Technologies Corporation Class A
ZEN	Zendesk, Inc.
ZG	Zillow Group, Inc. Class A
ZBH	Zimmer Biomet Holdings, Inc.
ZN	Zion Oil and Gas, Inc.
ZION	Zions Bancorporation, N.A.
ZIOP	ZIOPHARM Oncology, Inc.
ZIXI	Zix Corporation
ZTS	Zoetis, Inc. Class A
ZGNX	Zogenix, Inc.
ZSAN	Zosano Pharma Corp.
ZUMZ	Zumiez Inc.
ZUO	Zuora Inc
ZNGA	Zynga Inc. Class A