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| BLOCK (H & R) NPV HRB BLOOM ENERGY BE BLOOMIN BRANDS BLMN BLUCORA BCOR BLUE BIRD BLBD BLUE RIDGE BANKSHARES BRBS BLUEBIRD BIO BLUE BLUEGREEN VACATIONS HOLDING CORPORATION BVH BLUELINX HOLDINGS BXC | BLACKSTONE MORTGAGE TRUST | BXMT |
| BLOOM ENERGY BLOOMIN BRANDS BLUCORA BLUE BIRD BLUE RIDGE BANKSHARES BLUEBIRD BLUE BLUEGREEN VACATIONS HOLDING CORPORATION BVH BLUELINX HOLDINGS BXC | BLINK CHARGING | BLNK |
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| BOX INC | вох |
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| CENTRAL GARDEN & PET | CENT |
| CENTRAL PACIFIC FINANCIAL | CPF |
| CENTRUS ENERGY CORPORATION | LEU |
| CENTURY ALUMINIUM | CENX |
| CENTURY BNCP A | CNBKA |
| CENTURY CASINO | CNTY |
| CENTURY COMMUNITIES | ccs |
| CERECOR INC | CERC |
| CERENCE | CRNC |
| CEREVEL THERAPEUTICS HOLDINGS (A) | CERE |
| CERIDIAN HCM HOLDING | CDAY |
| CERNER CORP | CERN |
| CERTARA | CERT |
| CERUS CORP | CERS |
| CEVA | CEVA |
| CF INDUSTRIES HOLDINGS | CF |
| CHAMPIONX CORPORATION | CHX |
| CHANGE HEALTHCARE | CHNG |
| CHANNELADVISOR CORP | ECOM |
| CHARGEPOINT HOLDINGS INC (A) | СНРТ |
| CHARLES RIVER LABORATORIES | CRL |
| CHART INDUSTRIES INC. | GTLS |
| CHARTER COMMUNICATIONS INC. CL A | CHTR |
| CHASE CORP | CCF |
| CHATHAM LODGING TRUST | CLDT |
| CHEESECAKE FACTORY (THE) | CAKE |
| CHEFS WAREHOUSE HOLDINGS | CHEF |
| CHEGG | CHGG |
| CHEMED | CHE |
| CHEMOCENTRYX INC | CCXI |
| CHEMOURS COMPANY | CC |
| CHENIERE ENERGY | LNG |
| CHESAPEAKE ENERGY | СНК |
| CHESAPEAKE UTILITIES CORP | СРК |
| CHEVRON | CVX |
| CHICKEN SOUP FOR THE SOUL ENTERTAINMENT | CSSE |
| CHICOS FAS INC | CHS |
| CHILDRENS PLACE | PLCE |

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| CELANESE | CE |
| CELCUITY | CELC |
| CELLDEX THERAPEUTICS | CLDX |
| CEL-SCI CORP | CVM |
| CELSIUS HOLDINGS INC. | CELH |
| CHUBB LTD | СВ |
| CHURCH & DWIGHT | CHD |
| CHURCHILL DOWNS | CHDN |
| CHUY'S HOLDINGS INC | CHUY |
| CIENA | CIEN |
| CIGNA CORP | CI |
| CIMAREX ENERGY CO | XEC |
| CIMPRESS PLC | CMPR |
| CINCINNATI BELL | СВВ |
| CINCINNATI FIN CP | CINF |
| CINEMARK HOLDINGS INC. | CNK |
| CINTAS CORP | CTAS |
| CIRCOR INTL | CIR |
| CIRRUS LOGIC | CRUS |
| CISCO SYSTEMS | csco |
| CIT GROUP | CIT |
| CITI TRENDS | CTRN |
| CITIGROUP | С |
| CITIUS PHARMACEUTICALS | CTXR |
| CITIZENS & NORTHERN | CZNC |
| CITIZENS FINANCIAL GROUP | CFG |
| CITIZENS INC A | CIA |
| CITRIX SYSTEMS | CTXS |
| CITY HOLDING | CHCO |
| CITY OFFICE REIT | CIO |
| CIVISTA BANCSHARES | CIVB |
| CLARIVATE PLC (A) | CLVT |
| CLARUS CORPORATION | CLAR |
| CLEAN ENERGY FUELS | CLNE |
| CLEAN HARBORS | CLH |
| CLEANSPARK | CLSK |
| CLEAR CHANNEL OUTDOOR HOLDINGS | cco |
| CLEARFIELD INC. | CLFD |
| CLEARPOINT NEURO INC | CLPT |
| CLEARWATER PAPER | CLW |
| CLEARWAY ENERGY | CWEN.A |
| CLEARWAY ENERGY (C) | CWEN |
| CLENE INC | CLNN |
| CLEVELAND-CLIFFS | CLF |
| CLIPPER REALTY | CLPR |
| CLOROX | CLX |
| CLOUDERA | CLDR |
| CLOUDFLARE | NET |
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| CHIMERA INVESTMENT | CIM |
| CHIMERIX INC | CMRX |
| CHINOOK THERAPEUTICS INC | KDNY |
| CHIPOTLE MEXICAN GRILL | CMG |
| CHOICE HOTELS INTERNATIONAL | СНН |
| CHROMADEX CORP | CDXC |
| CNO FINANCIAL GROUP | CNO |
| CNX RESOURCES | CNX |
| COASTAL FINANCIAL | ССВ |
| COCA-COLA | КО |
| COCA-COLA CONSOLIDATED | COKE |
| CODEXIS | CDXS |
| CODIAK BIOSCIENCES | CDAK |
| COEUR MINING INC | CDE |
| COGENT BIOSCIENCES INC | COGT |
| COGENT COMMUNICATIONS HOLDINGS | CCOI |
| COGNEX CORP | CGNX |
| COGNIZANT TECH SOLUTIONS | CTSH |
| COHEN & STEERS | CNS |
| COHERENT INC | COHR |
| COHERUS BIOSCIENCES | CHRS |
| COHU INC | СОНИ |
| COLFAX | CFX |
| COLGATE-PALMOLIVE | CL |
| COLLEGIUM PHARMACEUTICAL | COLL |
| COLUMBIA BANKING SYSTEM | COLB |
| COLUMBIA FINANCIAL | CLBK |
| COLUMBIA PROPERTY TRUST INC | CXP |
| COLUMBIA SPORTSWEAR CO | COLM |
| COLUMBUS MCKINNON | CMCO |
| COMCAST A | CMCSA |
| COMERICA | CMA |
| COMFORT SYSTEMS USA | FIX |
| COMMERCE BANCSHARES | CBSH |
| COMMERCIAL METALS | CMC |
| COMMERCIAL VEHICLE GROUP | CVGI |
| COMMSCOPE HOLDING COMPANY | COMM |
| COMMUNITY BANK SYS | CBU |
| COMMUNITY HEALTH SYSTEM | СҮН |
| COMMUNITY HEALTHCARE TRUST | СНСТ |
| COMMUNITY TST | СТВІ |
| COMMVAULT SYSTEMS | CVLT |
| COMPASS MINERALS INTERNATIONAL | CMP |
| COMPUTER PROGRAMS & SYSTEMS | CPSI |
| COMPX INTERNATIONAL | CIX |
| COMSCORE | SCOR |
| COMSTOCK RSCS | CRK |
| COMTECH TELECOMMUNICATIONS | CMTL |
| OSMITEOTI TELEGOMMONIGATIONS | ONTIL |

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| CLOVIS ONCOLOGY | CLVS |
| CMC MATERIALS INC | CCMP |
| CME GROUP | CME |
| CMS ENERGY CORP | CMS |
| CNA FINANCIAL CORP | CNA |
| CNB FINANCIAL | CCNE |
| CONOCOPHILLIPS | СОР |
| CONS EDISON HOLDING | ED |
| CONSOL ENERGY | CEIX |
| CONSOLIDATED COMMUNICATIONS HOLDINGS | CNSL |
| CONSTELLATION BRANDS A | STZ |
| CONSTELLATION PHARMACEUTICALS | CNST |
| CONSTELLIUM SE | CSTM |
| CONSTRUCTION PARTNERS | ROAD |
| CONTANGO OIL & GAS CO INC | MCF |
| CONTINENTAL RESOURCES OK | CLR |
| COOPER COS INC | COO |
| COOPER-STANDARD HOLDINGS INC | CPS |
| COPA HOLDINGS S.A. CL A | CPA |
| COPART INC | CPRT |
| CORCEPT THERAPEUTICS | CORT |
| CORECIVIC | CXW |
| CORE-MARK HOLDING CO | CORE |
| COREPOINT LODGINGS | CPLG |
| CORESITE REALTY | COR |
| CORMEDIX INC. | CRMD |
| CORNERSTONE BUILDING BRANDS | CNR |
| CORNERSTONE ONDEMAND | CSOD |
| CORNING | GLW |
| CORPORATE OFFICE PROPERTIES | OFC |
| CORSAIR GAMING | CRSR |
| CORTEVA | CTVA |
| CORTEXYME | CRTX |
| CORVEL CORP | CRVL |
| COSTAMARE | CMRE |
| COSTAR GROUP | CSGP |
| COSTCO WHOLESALE CORP | COST |
| СОТУ | СОТҮ |
| COUPA SOFTWARE | COUP |
| COURSERA | COUR |
| COUSINS PROPERTY | CUZ |
| COVANTA HOLDING | CVA |
| COVENANT LOGISTICS GROUP INC | CVLG |
| COVETRUS | CVET |
| COWEN | COWN |
| CRA INTERNATIONAL | CRAI |
| CRACKER BARREL OLD COUNTRY STORE | CBRL |
| CRANE CO | CR |



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| CONCENTRIX | CNXC |
| CONCRETE PUMPING HOLDINGS (A) | ВВСР |
| CONDUENT | CNDT |
| CONMED CORP | CNMD |
| CONNECTONE BANCORP | CNOB |
| CONN'S | CONN |
| CROWDSTRIKE HOLDINGS | CRWD |
| CROWN CASTLE INTL CORP | CCI |
| CROWN HOLDINGS | ССК |
| CRYOLIFE | CRY |
| CRYOPORT INC. | CYRX |
| CSG SYSTEMS INTL | CSGS |
| CSW INDUSTRIALS | CSWI |
| CSX CORP | CSX |
| CTO REALTY GROWTH INC | СТО |
| CTS | CTS |
| CUBESMART | CUBE |
| CUE BIOPHARMA | CUE |
| CULLEN FROST BANKERS | CFR |
| CULLINAN ONCOLOGY INC | CGEM |
| CUMMINS | CMI |
| CUREVAC NV | CVAC |
| CURIOSITYSTREAM INC (A) | CURI |
| CURIS INC | CRIS |
| CURO GROUP HOLDINGS | CURO |
| CURTISS WRIGHT | CW |
| CUSHMAN & WAKEFIELD | CWK |
| CUSTOM TRUCK ONE SOURCE INC (A) | стоѕ |
| CUSTOMERS BANCORP | CUBI |
| CUTERA | CUTR |
| CVB FINANCIAL | CVBF |
| CVR ENERGY | CVI |
| CVS HEALTH CORPORATION | cvs |
| CYMABAY THERAPEUTICS | CBAY |
| CYRUSONE | CONE |
| CYTOKINETICS | СҮТК |
| CYTOMX THERAPEUTICS | СТМХ |
| CYTOSORBENTS | стѕо |
| D.R. HORTON INC | DHI |
| DAILY JOURNAL | DJCO |
| DAKTRONICS INC | DAKT |
| DANA | DAN |
| DANAHER CORP | DHR |
| DANIMER SCIENTIFIC INC (A) | DNMR |
| DARDEN RESTAURANTS | DRI |
| DARIOHEALTH | DRIO |
| DARLING INGREDIENTS | DAR |
| | |

| Company | Ticker |
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| CRAWFORD CO A | CRD.A |
| CREDIT ACCEPTANCE CP | CACC |
| CREE INC | CREE |
| CRINETICS PHARMACEUTICALS | CRNX |
| CROCS | CROX |
| CROSS COUNTRY HEALTHCARE | CCRN |
| CROSSFIRST BANKSHARES | CFB |
| DEL TACO RESTAURANTS | TACO |
| DELEK US HOLDINGS | DK |
| DELL TECHNOLOGIES | DELL |
| DELTA AIR LINES | DAL |
| DELUXE CORP | DLX |
| DENALI THERAPEUTICS | DNLI |
| DENBURY | DEN |
| DENNYS CORP | DENN |
| DENTSPLY SIRONA | XRAY |
| DERMTECH INC | DMTK |
| DESIGN THERAPEUTICS | DSGN |
| DESIGNER BRANDS | DBI |
| DESKTOP METAL INC (A) | DM |
| DEVON ENERGY | DVN |
| DEXCOM | DXCM |
| DHT HOLDINGS | DHT |
| DIAMOND HILL INVESTMENT GRP | DHIL |
| DIAMOND S SHIPPING | DSSI |
| DIAMONDBACK ENERGY | FANG |
| DIAMONDROCK HOSPITALITY | DRH |
| DICERNA PHARMACEUTICALS | DRNA |
| DICK'S SPORTING GOODS INC | DKS |
| DIEBOLD NIXDORF | DBD |
| DIGI INTERNATIONAL | DGII |
| DIGIMARC CORP. | DMRC |
| DIGITAL MEDIA SOLUTIONS INC (A) | DMS |
| DIGITAL REALTY TRUST | DLR |
| DIGITAL TURBINE | APPS |
| DIGITALBRIDGE GROUP INC | DBRG |
| DIGITALOCEAN HOLDINGS | DOCN |
| DILLARD'S INC | DDS |
| DIME COMMUNITY BANCSHARES INC | DCOM |
| DINE BRANDS GLOBAL | DIN |
| DIODES INC | DIOD |
| DISCOVER FINANCIAL SERVICES | DFS |
| DISCOVERY SERIES A | DISCA |
| DISCOVERY SERIES C | DISCK |
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| DISNEY (WALT) COMPANY | DIS |
| DIVERSEY HOLDINGS | DSEY |
| DIVERSIFIED HEALTHCARE TRUST | DHC |



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| DATADOG | DDOG |
| DATTO HOLDING | MSP |
| DAVE & BUSTERS ENTERTAINMENT | PLAY |
| DAVITA | DVA |
| DECIPHERA PHARMACEUTICALS | DCPH |
| DECKERS OUTDOOR | DECK |
| DEERE & CO | DE |
| DOMTAR CORP | UFS |
| DONALDSON CO INC | DCI |
| DONEGAL GROUP A | DGICA |
| DONNELLEY (RR) & SONS | RRD |
| DONNELLEY FINANCIAL SOLUTIONS | DFIN |
| DOORDASH | DASH |
| DORIAN LPG | LPG |
| DORMAN PRODUCTS | DORM |
| DOUBLEVERIFY HOLDINGS | DV |
| DOUGLAS DYNAMICS | PLOW |
| DOUGLAS EMMETT | DEI |
| DOVER CORP | DOV |
| DOW INC | DOW |
| DRAFTKINGS INC (A) | DKNG |
| DRIL-QUIP | DRQ |
| DRIVE SHACK | DS |
| DRIVEN BRANDS HOLDINGS | DRVN |
| DROPBOX | DBX |
| DSP GROUP INC | DSPG |
| DTE ENERGY | DTE |
| DUCK CREEK TECHNOLOGIES | DCT |
| DUCKHORN PORTFOLIO | NAPA |
| DUCOMMUN INC | DCO |
| DUKE ENERGY CORP | DUK |
| DUKE REALTY CORP | DRE |
| DULUTH HOLDINGS | DLTH |
| DUN AND BRADSTREET HOLDINGS | DNB |
| DUPONT DE NEMOURS | DD |
| DURECT CORP | DRRX |
| DXC TECHNOLOGY COMPANY | DXC |
| DXP ENTERPRISES | DXPE |
| DYCOM INDS INC | DY |
| DYNATRACE | DT |
| DYNAVAX TECHNOLOGIES | DVAX |
| DYNE THERAPEUTICS | DYN |
| DYNEX CAPITAL | DX |
| DZS INC | DZSI |
| E.L.F BEAUTY | ELF |
| E2OPEN PARENT HOLDINGS INC (A) | ETWO |
| EAGLE BANCORP | EGBN |

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| DMC GLOBAL | ВООМ |
| DOCUSIGN | DOCU |
| DOLBY LABS A | DLB |
| DOLLAR GENERAL | DG |
| DOLLAR TREE | DLTR |
| DOMINION ENERGY | D |
| DOMINOS PIZZA | DPZ |
| DOMO INCORPORATED | DOMO |
| EASTMAN CHEMICAL | EMN |
| EASTMAN KODAK CO | KODK |
| EATON CORP PLC | ETN |
| EBAY | EBAY |
| EBIX INC | EBIX |
| ECHO GLOBAL LOGISTICS | ЕСНО |
| ECHOSTAR | SATS |
| ECOLAB | ECL |
| EDGEWELL PERSONAL CARE | EPC |
| EDGEWISE THERAPEUTICS | EWTX |
| EDISON INTERNATIONAL | EIX |
| EDITAS MEDICINE | EDIT |
| EDWARDS LIFESCIENCES | EW |
| EGAIN | EGAN |
| EHEALTH | EHTH |
| EIGER BIOPHARMACEUTICALS | EIGR |
| EL POLLO LOCO HOLDINGS | LOCO |
| ELANCO ANIMAL HEALTH | ELAN |
| ELASTIC N.V. | ESTC |
| ELECTRONIC ARTS | EA |
| ELEMENT SOLUTIONS | ESI |
| ELLINGTON FINANCIAL INC | EFC |
| EMCOR GROUP | EME |
| EMCORE CORP | EMKR |
| EMERALD HOLDING INC | EEX |
| EMERGENT BIOSOLUTIONS | EBS |
| EMERSON ELECTRIC | EMR |
| EMPIRE STATE REALTY TRUST | ESRT |
| EMPLOYERS HOLDINGS | EIG |
| ENANTA PHARMACEUTICALS INC | ENTA |
| ENCOMPASS HEALTH | EHC |
| ENCORE CAPITAL GROUP | ECPG |
| ENCORE WIRE | WIRE |
| ENDO INTERNATIONAL PLC | ENDP |
| ENERGIZER HOLDINGS | ENR |
| ENERGY FUELS INC | UUUU |
| ENERGY RECOVERY INC. | ERII |
| ENERPAC TOOL GROUP CORP | EPAC |
| ENERSYS | ENS |
| ENNIS | EBF |
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| EAGLE MATERIALS | EXP |
| EAGLE PHARMACEUTICALS | EGRX |
| EARGO | EAR |
| EARTHSTONE ENERGY | ESTE |
| EAST WEST BANCORP | EWBC |
| EASTERLY GOVERNMENT PROPERTIES | DEA |
| EASTERN BANKSHARES | EBC |
| EASTGROUP PROPERTIES | EGP |
| ENTRAVISION COMMS | EVC |
| ENVESTNET | ENV |
| ENVISTA HOLDINGS | NVST |
| EOG RESOURCES | EOG |
| EOS ENERGY ENTERPRISES INC (A) | EOSE |
| EPAM SYSTEMS | EPAM |
| EPIZYME INC | EPZM |
| EPLUS INC | PLUS |
| EPR PROPERTIES | EPR |
| EQT CORPORATION | EQT |
| EQUIFAX | EFX |
| EQUINIX INC | EQIX |
| EQUITABLE HOLDINGS | EQH |
| EQUITRANS MIDSTREAM | ETRN |
| EQUITY BANCSHARES | EQBK |
| EQUITY COMMONWEALTH | EQC |
| EQUITY LIFESTYLE PROPERTIES | ELS |
| EQUITY RESIDENTIAL | EQR |
| ERIE INDEMNITY | ERIE |
| EROS STX GLOBAL CORP | ESGC |
| ESCALADE INC | ESCA |
| ESCO TECHNOLOGIES | ESE |
| ESPERION THERAPEUTICS INC | ESPR |
| ESPORTS TECHNOLOGIES | EBET |
| ESSENT GROUP | ESNT |
| ESSENTIAL PROPERTIES REALTY TRUST | EPRT |
| ESSENTIAL UTILITIES INC | WTRG |
| ESSEX PROP TRUST | ESS |
| ETHAN ALLEN INTERIORS | ETH |
| ETSY | ETSY |
| EURONET WORLDWIDE | EEFT |
| EVELO BIOSCIENCES | EVLO |
| EVENTBRITE | EB |
| EVERBRIDGE | EVBG |
| EVERCORE | EVR |
| EVEREST RE GROUP | RE |
| EVERGY | EVRG |
| EVERI HOLDINGS | EVRI |
| EVERQUOTE | EVER |

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| ENOVA INTERNATIONAL | ENVA |
| ENPHASE ENERGY INC | ENPH |
| ENPRO INDUSTRIES INC | NPO |
| ENSIGN GROUP | ENSG |
| ENSTAR GROUP | ESGR |
| ENTEGRIS INC | ENTG |
| ENTERGY CORP | ETR |
| ENTERPRISE BANCORP | EBTC |
| ENTERPRISE FINANCIAL SERVICES | EFSC |
| EXELON CORPORATION | EXC |
| EXLSERVICE HOLDINGS | EXLS |
| EXONE CO | XONE |
| EXP WORLD HOLDINGS | EXPI |
| EXPEDIA GROUP | EXPE |
| EXPEDITORS INTL WASHINGTON | EXPD |
| EXPONENT INC | EXPO |
| EXTRA SPACE STORAGE | EXR |
| EXTRACTION OIL & GAS | XOG |
| EXTREME NETWORKS | EXTR |
| EXXON MOBIL CORPORATION | XOM |
| EYEPOINT PHARMACEUTICALS | EYPT |
| EZCORP INC A | EZPW |
| F.N.B. CORPORATION | FNB |
| F5 NETWORKS INC | FFIV |
| FABRINET | FN |
| FACEBOOK CLASS A | FB |
| FACTSET RESEARCH SYSTEMS | FDS |
| FAIR ISAAC | FICO |
| FALCON MINERALS (A) | FLMN |
| FARMERS NATIONAL BANC CORP. | FMNB |
| FARMLAND PARTNERS REIT | FPI |
| FARO TECHNOLOGY | FARO |
| FASTENAL CO | FAST |
| FASTLY | FSLY |
| FATE THERAPEUTICS INC | FATE |
| FATHOM HOLDINGS | FTHM |
| FB FINANCIAL | FBK |
| FED AGRICUL MTG | AGM |
| FEDERAL REALTY INVS | FRT |
| FEDERAL SIGNAL | FSS |
| FEDERATED HERMES INC | FHI |
| FEDEX CORPORATION | FDX |
| FERRO CORP | FOE |
| FIBROGEN | FGEN |
| FIDELITY D&D BANCORP INC. | FDBC |
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| FIESTA RESTAURANT GROUP | FRGI |
| FIFTH THIRD BANCORP | FITB |

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| EVERSOURCE ENERGY | ES |
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| EVI INDUSTRIES | EVI |
| EVO PAYMENTS | EVOP |
| EVOLENT HEALTH | EVH |
| EVOLUS | EOLS |
| EVOQUA WATER TECHNOLOGIES | AQUA |
| EXACT SCIENCES | EXAS |
| EXAGEN | XGN |
| EXELIXIS INC | EXEL |
| FIRST CHOICE BANCORP | FCBP |
| FIRST CITIZENS BANCSH A | FCNCA |
| FIRST COMMONWEALTH FIN | FCF |
| FIRST COMMUNITY BANCSHARES | FCBC |
| FIRST FINANCIAL BANCORP | FFBC |
| FIRST FINL BANKSHARES | FFIN |
| FIRST FINL CORP | THFF |
| FIRST FOUNDATION | FFWM |
| FIRST HAWAIIAN | FHB |
| FIRST HORIZON CORPORATION | FHN |
| FIRST INDUSTRIAL REALTY TRUST | FR |
| FIRST INTERNET BANCORP | INBK |
| FIRST INTERSTATE BANCSYSTEM | FIBK |
| FIRST LONG ISLAND | FLIC |
| FIRST MERCHANTS | FRME |
| FIRST MID BANCSHARES | FMBH |
| FIRST MIDWEST BANCORP | FMBI |
| FIRST REPUBLIC BANK SAN FRANCISCO | FRC |
| FIRST SOLAR INC | FSLR |
| FIRSTCASH | FCFS |
| FIRSTENERGY CORP. | FE |
| FISERV INC | FISV |
| FISKER INC (A) | FSR |
| FIVE BELOW | FIVE |
| FIVE STAR BANCORP | FSBC |
| FIVE9 | FIVN |
| FLAGSTAR BANCORP | FBC |
| FLEETCOR TECHNOLOGIES | FLT |
| FLEXION THERAPEUTICS | FLXN |
| FLEXSTEEL INDS | FLXS |
| FLOOR & DECOR HOLDINGS | FND |
| FLOWERS FOODS INC | FLO |
| FLOWSERVE CP | FLS |
| FLUENT | FLNT |
| FLUIDIGM | FLDM |
| FLUOR CORPORATION | FLR |
| FLUSHING FINANCIAL | FFIC |
| FMC CORP | FMC |
| | |

| Company | Ticker |
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| FINANCE OF AMERICA COMPANIES INC | FOA |
| FINANCIAL INSTITUTIONS | FISI |
| FINCH THERAPEUTICS GROUP | FNCH |
| FIREEYE | FEYE |
| FIRST AMERICAN FINANCIAL | FAF |
| FIRST BANCORP | FBNC |
| FIRST BANCORP PUERTO RICO | FBP |
| FIRST BANCSHARES INC. | FBMS |
| FIRST BANK | FRBA |
| FIRST BUSEY | BUSE |
| FORTERRA INC | FRTA |
| FORTINET | FTNT |
| FORTIVE | FTV |
| FORTRESS BIOTECH | FBIO |
| FORTUNE BRANDS HOME & SECURITY | FBHS |
| FORWARD AIR CORP | FWRD |
| FOSSIL GROUP | FOSL |
| FOUR CORNERS PROPERTY TRUST | FCPT |
| FOX CORPORATION CLASS A | FOXA |
| FOX CORPORATION CLASS B | FOX |
| FOX FACTORY HOLDING | FOXF |
| FRANCHISE GROUP | FRG |
| FRANKLIN COVEY | FC |
| FRANKLIN ELEC | FELE |
| FRANKLIN RESOURCES | BEN |
| FRANKLIN STREET PROPERTIES | FSP |
| FRANKS INTERNATIONAL | FI |
| FREEPORT-MCMORAN | FCX |
| FREQUENCY THERAPEUTICS | FREQ |
| FRESH DEL MONTE | FDP |
| FRESHPET | FRPT |
| FRONTDOOR | FTDR |
| FRONTIER GROUP HOLDINGS | ULCC |
| FRONTLINE | FRO |
| FRP HOLDINGS | FRPH |
| FS BANCORP INC | FSBW |
| FTC SOLAR | FTCI |
| FTI CONSULTING | FCN |
| FTS INTERNATIONAL | FTSI |
| FUBOTV | FUBO |
| FUELCELL ENERGY | FCEL |
| FULCRUM THERAPEUTICS | FULC |
| FULGENT GENETICS | FLGT |
| FULL HOUSE RESORTS INC. | FLL |
| FULLER H B CO | FUL |
| FULTON FINANCIAL CORP | FULT |
| FUNKO CLASS A | FNKO |
| FUTUREFUEL CORP. | FF |

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Membership list

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| FNF GROUP | FNF |
| FOCUS FINANCIAL PARTNERS | FOCS |
| FOGHORN THERAPEUTICS | FHTX |
| FOOT LOCKER INC | FL |
| FORD MOTOR COMPANY | F |
| FORESTAR GROUP | FOR |
| FORIAN | FORA |
| FORMA THERAPEUTICS HOLDINGS | FMTX |
| FORMFACTOR | FORM |
| FORRESTER RESEARCH | FORR |
| FORTE BIOSCIENCES INC | FBRX |
| GATOS SILVER | GATO |
| GATX CORP | GATX |
| GCM GROSVENOR INC (A) | GCMG |
| GCP APPLIED TECHNOLOGIES | GCP |
| GEMINI THERAPEUTICS INC | GMTX |
| GENCO SHIPPING & TRADING LTD. | GNK |
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| MANITOWOC CO | MTW |
| MEDALLIA | MDLA |
| MEDAVAIL HOLDINGS INC | MDVL |
| MEDIAALPHA | MAX |
| MEDICAL PROPERTIES TRUST | MPW |
| MEDIFAST INC | MED |
| MEDNAX | MD |
| MEDPACE HOLDINGS | MEDP |
| MEDTRONIC PLC | MDT |
| MEI PHARMA | MEIP |
| MEIRAGTX HOLDINGS PLC | MGTX |
| MERCANTILE BANK | MBWM |
| MERCHANTS BANCORP | MBIN |
| MERCK & CO | MRK |
| MERCURY GENERAL | MCY |
| MERCURY SYSTEMS | MRCY |
| MEREDITH CORP | MDP |
| MERIDIAN BANCORP | EBSB |
| MERIDIAN BIOSCIENCE | VIVO |
| MERIT MEDICAL SYSTEMS | MMSI |
| MERITAGE HOMES | MTH |
| MERITOR | MTOR |
| MERSANA THERAPEUTICS | MRSN |
| MESA AIR GROUP | MESA |
| MESA LAB | MLAB |
| META FINANCIAL GROUP | CASH |
| METHODE ELECTRONICS | MEI |
| METLIFE | MET |
| METROCITY BANKSHARES | MCBS |
| METROMILE INC (A) | MILE |
| METROPOLITAN BANK HOLDING | MCB |
| METTLER-TOLEDO | MTD |

| Company | Ticker |
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| MATSON INC. | MATX |
| MATTEL | MAT |
| MATTHEWS INTL A | MATW |
| MAXAR TECHNOLOGIES | MAXR |
| MAXIM INTEGRATED PROD. | MXIM |
| MAXIMUS | MMS |
| MAXLINEAR | MXL |
| MAYVILLE ENGINEERING | MEC |
| MBIA | MBI |
| MCAFEE | MCFE |
| MCCORMICK & CO | MKC |
| MCDONALDS CORP | MCD |
| MCGRATH RENT CORP | MGRC |
| MCKESSON | MCK |
| MDC HOLDINGS INC | MDC |
| MDC PARTNERS INC. CL A | MDCA |
| MDU RESOURCES | MDU |
| MIMEDX GROUP | MDXG |
| MIND MEDICINE MINDMED | MNMD |
| MINERALS TECH | MTX |
| MIRATI THERAPEUTICS INC | MRTX |
| MIRUM PHARMACEUTICALS | MIRM |
| MISONIX INC | MSON |
| MISSION PRODUCE | AVO |
| MISTRAS GROUP | MG |
| MITEK SYSTEMS | MITK |
| MKS INSTRUMENTS | MKSI |
| MODEL N INC | MODN |
| MODERNA | MRNA |
| MODINE MANUFACTURING CO | MOD |
| MODIVCARE INC | MODV |
| MOELIS & COMPANY | MC |
| MOHAWK INDUSTRIES | MHK |
| MOLECULAR TEMPLATES | MTEM |
| MOLINA HEALTHCARE | МОН |
| MOLSON COORS BEVERAGE COMPANY | TAP |
| MOMENTIVE GLOBAL INC | MNTV |
| MONARCH CASINO | MCRI |
| MONDELEZ INTERNATIONAL INC. | MDLZ |
| MONEYGRAM INTERNATIONAL | MGI |
| MONGODB | MDB |
| MONMOUTH REIT CL A | MNR |
| MONOLITHIC POWER SYSTEMS | MPWR |
| MONRO | MNRO |
| MONSTER BEVERAGE | MNST |
| MONTROSE ENVIRONMENTAL GROUP | MEG |
| MOODYS CORPORATION | MCO |
| MOOG INC A | MOG.A |
| | |

FTSE Russell

Membership list

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| Company | |
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| Company | Ticker |
| MFA FINANCIAL | MFA |
| MGE ENERGY | MGEE |
| MGIC INVESTMENT | MTG |
| MGM RESORTS INTERNATIONAL | MGM |
| MGP INGREDIENTS | MGPI |
| MICROCHIP TECHNOLOGY | MCHP |
| MICRON TECHNOLOGY | MU |
| MICROSOFT CORP | MSFT |
| MICROSTRATEGY CLASS A | MSTR |
| MICROVISION INC | MVIS |
| MID PENN BANCP | MPB |
| MID-AMERICA APARTMENT COMM | MAA |
| MIDDLEBY | MIDD |
| MIDDLESEX WATER | MSEX |
| MIDLAND STATES BANCORP | MSBI |
| MIDWESTONE FINANCIAL GROUP | MOFG |
| MILLER INDS | MLR |
| MIMECAST | MIME |
| MURPHY USA | MUSA |
| MUSTANG BIO | MBIO |
| MVB FINANCIAL CORP | MVBF |
| MYERS INDUSTRIES INC | MYE |
| MYR GROUP INC. | MYRG |
| MYRIAD GENETICS | MYGN |
| NABORS INDUSTRIES | NBR |
| NANOSTRING TECHNOLOGIES | NSTG |
| NANTHEALTH | NH |
| NAPCO SECURITY SYSTEMS | NSSC |
| NASDAQ | NDAQ |
| NATERA | NTRA |
| NATHANS FAMOUS | NATH |
| NATIONAL BANK HOLDINGS | NBHC |
| NATIONAL BEVERAGE | FIZZ |
| NATIONAL CINEMEDIA | NCMI |
| NATIONAL ENERGY SERVICES REUNITED | NESR |
| NATIONAL HEALTH INVESTORS | NHI |
| NATIONAL HEALTHCARE | NHC |
| NATIONAL INSTRUMENTS | NATI |
| NATIONAL PRESTO | NPK |
| NATIONAL RESEARCH | NRC |
| NATIONAL RETAIL PROPERTIES | NNN |
| NATIONAL STORAGE AFFILIATES TRUST | NSA |
| NATIONAL VISION HOLDINGS | EYE |
| NATIONAL WESTERN LIFE GROUP - CL A | NWLI |
| NATL FUEL GAS CO | NFG |
| NATURAL GROCERS BY VITAMIN COTTAGE INC | NGVC |
| NATURES SUNSHINE PRODUCTS | NATR |
| NATUS MEDICAL | NTUS |

| Company | Ticker |
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| MORGAN STANLEY | MS |
| MORNINGSTAR INC. | MORN |
| MORPHIC HOLDINGS | MORF |
| MOSAIC COMPANY | MOS |
| MOTORCAR PARTS OF AMERICA INC. | MPAA |
| MOTOROLA SOLUTIONS | MSI |
| MOVADO GROUP | MOV |
| MP MATERIALS CORP (A) | MP |
| MR. COOPER GROUP | COOP |
| MRC GLOBAL | MRC |
| MSA SAFETY | MSA |
| MSC INDUSTRIAL A | MSM |
| MSCI | MSCI |
| MSG NETWORKS | MSGN |
| MUELLER INDS | MLI |
| MUELLER WATER PRODUCTS | MWA |
| MULTIPLAN CORPORATION (A) | MPLN |
| MURPHY OIL CORP | MUR |
| NEUROCRINE BIOSCIENCES | NBIX |
| NEURONETICS | STIM |
| NEUROPACE | NPCE |
| NEVRO | NVRO |
| NEW FORTRESS ENERGY | NFE |
| NEW JERSEY RES | NJR |
| NEW RELIC | NEWR |
| NEW RESIDENTIAL INVESTMENT CORP. | NRZ |
| NEW SENIOR INVESTMENT GROUP | SNR |
| NEW YORK COMMUNITY BANCORP | NYCB |
| NEW YORK MORTGAGE TRUST | NYMT |
| NEW YORK TIMES CL A | NYT |
| NEWAGE INC | NBEV |
| NEWELL BRANDS | NWL |
| NEWMARK GROUP | NMRK |
| NEWMARKET | NEU |
| NEWMONT CORPORATION | NEM |
| NEWPARK RESOURCES | NR |
| NEWS CORPORATION CL A | NWSA |
| NEWS CORPORATION CL B | NWS |
| NEXIMMUNE | NEXI |
| NEXPOINT RESIDENTIAL TRUST | NXRT |
| NEXSTAR MEDIA GROUP INC. | NXST |
| NEXTERA ENERGY INC | NEE |
| NEXTGEN HEALTHCARE INC | NXGN |
| NEXTIER OILFIELD SOLUTIONS INC | NEX |
| NGM BIOPHARMACEUTICALS | NGM |
| NI HOLDINGS | NODK |
| NICOLET BANKSHARES INC | NCBS |
| NIELSEN HOLDINGS | NLSN |
| | |



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| Commons | |
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| NAUTILUS | NLS |
| NAVIENT CORP | NAVI |
| NAVISTAR INTERNATIONAL | NAV |
| NBT BANCORP INC. | NBTB |
| NCINO | NCNO |
| NCR CORP | NCR |
| NEENAH | NP |
| NEKTAR THERAPEUTICS | NKTR |
| NELNET CLASS A | NNI |
| NEOGAMES | NGMS |
| NEOGEN CORP | NEOG |
| NEOGENOMICS INC. | NEO |
| NEOLEUKIN THERAPEUTICS | NLTX |
| NEOPHOTONICS | NPTN |
| NETAPP | NTAP |
| NETFLIX INC | NFLX |
| NETGEAR INC. | NTGR |
| NETSCOUT SYS | NTCT |
| NETSTREIT | NTST |
| NORTHWEST NATURAL HOLDING COMPANY | NWN |
| NORTHWEST PIPE | NWPX |
| NORTHWESTERN CORP | NWE |
| NORTONLIFELOCK INC | NLOK |
| NORWEGIAN CRUISE LINE | NCLH |
| NOV INC | NOV |
| NOVAGOLD RESOURCES INC. | NG |
| NOVANTA INC | NOVT |
| NOVAVAX | NVAX |
| NOVOCURE | NVCR |
| NOW INC. | DNOW |
| NRG ENERGY | NRG |
| NU SKIN ENTERPR A | NUS |
| NUANCE COMMUNICATIONS | NUAN |
| NUCOR CORP | NUE |
| NURIX THERAPEUTICS | NRIX |
| NUTANIX | NTNX |
| NUVASIVE | NUVA |
| NUVATION BIO INC (A) | NUVB |
| NV5 GLOBAL INC. | NVEE |
| NVE CORP | NVEC |
| NVENT ELECTRIC | NVT |
| NVIDIA | NVDA |
| NVR INC | NVR |
| NXP SEMICONDUCTORS | NXPI |
| O REILLY AUTO | ORLY |
| OAK STREET HEALTH | OSH |
| OASIS PETROLEUM | OAS |
| OCCIDENTAL PETROLEUM | OXY |
| | |

| Company | Ticker |
|-------------------------------|--------|
| NIKE INC CL B | NKE |
| NIKOLA CORPORATION | NKLA |
| NISOURCE | NI |
| NKARTA | NKTX |
| NL INDUSTRIES | NL |
| NLIGHT | LASR |
| NMI HOLDINGS INC | NMIH |
| NN INC | NNBR |
| NOODLES & COMPANY | NDLS |
| NORDIC AMERICAN TANKER | NAT |
| NORDSON CP | NDSN |
| NORDSTROM | JWN |
| NORFOLK STHN CORP | NSC |
| NORTHERN OIL AND GAS | NOG |
| NORTHERN TRUST | NTRS |
| NORTHFIELD BANCORP INC. | NFBK |
| NORTHRIM BANCORP | NRIM |
| NORTHROP GRUMMAN CORP | NOC |
| NORTHWEST BANCSHARES | NWBI |
| OMEGA FLEX | OFLX |
| OMEGA HEALTHCARE INVESTORS | ОНІ |
| OMEROS | OMER |
| OMNICELL INC | OMCL |
| OMNICOM GROUP | OMC |
| ON SEMICONDUCTOR CORP | ON |
| ON24 | ONTF |
| ONCOCYTE | осх |
| ONCORUS | ONCR |
| ONCTERNAL THERAPEUTICS INC | ONCT |
| ONE GAS | OGS |
| ONE GROUP HOSPITALITY | STKS |
| ONE LIBERTY | OLP |
| ONEMAIN HOLDINGS | OMF |
| ONEOK INC | OKE |
| ONESPAN | OSPN |
| ONESPAWORLD HOLDINGS (A) | osw |
| ONEWATER MARINE | ONEW |
| ONTO INNOVATION INC | ONTO |
| ONTRAK INC | OTRK |
| OOMA | OOMA |
| OPEN LENDING CORPORATION (A) | LPRO |
| OPENDOOR TECHNOLOGIES INC (A) | OPEN |
| OPKO HEALTH | ОРК |
| OPORTUN FINANCIAL | OPRT |
| OPPENHEIMER HOLDINGS INC. | OPY |
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| OPTION CARE HEALTH INC | OPCH |



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Membership list

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| SAFETY INSURANCE GROUP INC | SAFT |
| SAGE THERAPEUTICS | SAGE |
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| SAILPOINT TECHNOLOGIES | SAIL |
| SALESFORCE.COM | CRM |
| SALLY BEAUTY | SBH |
| SANA BIOTECHNOLOGY | SANA |
| SANDERSON FARMS | SAFM |
| SANDY SPRING BANCORP | SASR |
| SANFILIPP & SON | JBSS |
| SANGAMO THERAPEUTICS | SGMO |
| SANMINA CORP | SANM |
| SANTANDER CONSUMER USA HOLDINGS | SC |
| SAPIENS INTERNATIONAL CORP | SPNS |
| SAREPTA THERAPEUTICS | SRPT |
| SAUL CENTERS | BFS |
| SBA COMMUNICATIONS | SBAC |
| SCANSOURCE | SCSC |
| SCHLUMBERGER | SLB |
| SCHNEIDER NATIONAL CL B | SNDR |
| SCHNITZER STEEL | SCHN |
| SCHOLAR ROCK HOLDING CORPORATION | SRRK |
| SCHOLASTIC CORP | SCHL |
| SCHRODINGER | SDGR |
| SHUTTERSTOCK INC | SSTK |
| SI-BONE | SIBN |
| SIENTRA | SIEN |
| SIERRA BANCORP/CA | BSRR |
| SIGA TECH INC | SIGA |
| SIGILON THERAPEUTICS | SGTX |
| SIGNATURE BANK | SBNY |
| SIGNET JEWELERS | SIG |
| SIGNIFY HEALTH | SGFY |
| SILGAN HLDG INC | SLGN |
| SILICON LABS | SLAB |
| SILK ROAD MEDICAL | SILK |
| SILVERBACK THERAPEUTICS | SBTX |
| SILVERGATE CAPITAL | SI |
| SIMMONS FIRST NATIONAL CORP - CL A | SFNC |
| SIMON PROPERTY GROUP | SPG |
| SIMPLY GOOD FOODS | SMPL |
| SIMPSON MANUFACTURING | SSD |
| SIMULATIONS PLUS | SLP |
| SINCLAIR BROADCAST A | SBGI |
| SIRIUS XM HOLDINGS | SIRI |
| SIRIUSPOINT LTD | SPNT |
| SITE CENTERS | SITC |
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| SENECA FOOD A | SENEA |
| SENSATA TECHNOLOGIES HOLDING PLC | ST |
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| SENSIENT TECH | SXT |
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| SFL CORPORATION LTD | SFL |
| SHAKE SHACK | SHAK |
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| SHIFT TECHNOLOGIES INC (A) | SFT |
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| SHOALS TECHNOLOGIES GROUP | SHLS |
| SHOCKWAVE MEDICAL | SWAV |
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| SORRENTO THERAPEUTICS INC | SRNE |
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| SOUTH JERSEY IND | SJI |
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| SOUTH STATE CORP | SSB |
| SOUTHERN CO | SO |
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| SKYWEST INC | SKYW |
| SKYWORKS SOLUTIONS INC | SWKS |
| SL GREEN REALTY | SLG |
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| SMART GLOBAL HOLDINGS | SGH |
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| SURMODICS INC | SRDX |
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| WYNDHAM HOTELS & RESORTS | WH |
| WYNN RESORTS | WYNN |
| ХВІОТЕСН | XBIT |
| XCEL ENERGY | XEL |
| XENCOR | XNCR |
| XENIA HOTELS & RESORTS | XHR |
| XEROX HOLDINGS | XRX |
| XILINX | XLNX |
| XL FLEET CORP (A) | XL |
| XOMA | XOMA |
| XPEL INC | XPEL |
| XPERI HOLDING CORPORATION | XPER |
| XPO LOGISTICS | XPO |
| XYLEM INC. | XYL |
| YELLOW CORPORATION | YELL |
| YELP | YELP |
| YETI HOLDINGS | YETI |
| Y-MABS THERAPEUTICS | YMAB |

| Ticker |
|--------|
| ZY |
| ZYXI |
| ZNGA |
| |

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