

Russell 3000® Index - Additions

| Company | Symbol | Industry |
|--|--------------|-------------------------------------|
| | | |
| 1STDIBS.COM A K A BRANDS HOLDING | DIBS AKA | Technology |
| ABSCI | ABSI | Consumer Discretionary Health Care |
| | | |
| ACHIEVE LIFE SCIENCES ACUMEN PHARMACEUTICALS | ACHV ABOS | Health Care |
| | | Health Care |
| ADC THERAPEUTICS SA | ADCT | Health Care |
| ADVERUM BIOTECH INC | ADVM | Health Care |
| ASMETIS | AMTX | Energy |
| AG MORTGAGE INVT TR INC | MITT | Financials |
| AIRSHIP AI HOLDINGS | AISP | Technology |
| AKEBIA THERAPEUTICS INC | AKBA | Health Care |
| ALIMERA SCIENCES INC | ALIM | Health Care |
| ALTO NEUROSCIENCE | ANRO | Health Care |
| AMER PUBLIC EDUCATION | APEI | Consumer Discretionary |
| AMER SPORTS INC | AS | Consumer Discretionary |
| AMERICAN HEALTHCARE REIT | AHR | Real Estate |
| AMERICAN SUPERCONDUCTOR | AMSC | Energy |
| APPLIED OPTOELECTRONICS | AAOI | Telecommunications |
| APPLIED THERAPEUTICS INC | APLT | Health Care |
| AQUESTIVE THERAPEUTICS | AQST | Health Care |
| ARHAUS | ARHS | Consumer Discretionary |
| ARQ INC | ARQ | Utilities |
| ARTERIS | AIP | Technology |
| ASP ISOTOPES | ASPI | Basic Materials |
| ASTERA LABS | ALAB | Technology |
| ATOSSA THERAPEUTICS INC | ATOS | Health Care |
| AUDIOEYE INC | AEYE | Technology |
| AVADEL PHARMACEUTICALS A | AVDL | Health Care |
| BACKBLAZE | BLZE | Technology |
| BEL FUSE INC | BELFA | Industrials |
| BIOVENTUS | BVS | Health Care |
| BLACK DIAMOND THERAPEUTI | BDTX | Health Care |
| BLEND LABS | BLND | Technology |
| BOUNDLESS BIO | BOLD | Health Care |
| BRIDGER AEROSPACE GROUP | BAER | Industrials |
| BURFORD CAPITAL | BUR | Financials |
| BYRNA TECHNOLOGIES | BYRN | Industrials |
| C4 THERAPEUTICS | cccc | Health Care |
| CAESARSTONE LTD | CSTE | Industrials |
| CALIFORNIA BANCORP | CALB | Financials |
| CANDEL THERAPEUTICS | CADL | Health Care |
| CANOO INC (A) | GOEV | Consumer Discretionary |
| CAPRICOR THERAPEUTICS | CAPR | Health Care |
| CARDIFF ONCOLOGY INC | CRDF | Health Care |
| CENTURI HOLDINGS | CTRI | Industrials |
| CERVOMED INC | CRVO | Health Care |
| CHROMADEX CORP | CDXC | Health Care |
| CIBUS | CBUS | Consumer Staples |
| CITI TRENDS INC | CTRN | Consumer Discretionary |
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| Company | Cumbal | Industry |
|--------------------------|--------|------------------------|
| Company | Symbol | Industry |
| CLEARWATER ANALYTICS HOL | CWAN | Financials |
| CONDUIT PHARMACEUTICALS | CDT | Health Care |
| CONTINEUM THERAPEUTICS | CTNM | Health Care |
| CORBUS PHARMACEUTICALS | CRBP | Health Care |
| CORE SCIENTIFIC | CORZ | Technology |
| CRH PLC | CRH | Industrials |
| CRITICAL METALS CORP | CRML | Basic Materials |
| DAVE INC | DAVE | Financials |
| DELL TECHNOLOGIES | DELL | Technology |
| DESPEGAR.COM | DESP | Consumer Discretionary |
| DIANTHUS THERAPEUTCS | DNTH | Health Care |
| DIEBOLD NIXDORF INC | DBD | Technology |
| DIVERSIFIED ENERGY COMPA | DEC | Energy |
| DLH HOLDINGS CORP | DLHC | Technology |
| DRILLING TOOLS INTERNATI | DTI | Energy |
| DUTCH BROS | BROS | Consumer Discretionary |
| DWAVE QUANTUM INC (A) | QBTS | Technology |
| EASTERN CO | EML | Basic Materials |
| ELEVATION ONCOLOGY | ELEV | Health Care |
| ELIEM THERAPEUTICS | ELYM | Health Care |
| ESPERION THERAPEUTICS | ESPR | Health Care |
| EVERSPIN TECHNOLOGIES | MRAM | Technology |
| FIBROBIOLOGICS | FBLG | Health Care |
| FIRST FINL NORTHWEST | FFNW | Financials |
| FIRST INTERNET BANCORP | INBK | Financials |
| FLEXSTEEL INDUSTRIES INC | FLXS | Consumer Discretionary |
| FOSTER L B CO | FSTR | Industrials |
| FRACTYL HEALTH | GUTS | Health Care |
| FRANKLIN STREET PPTYS CO | FSP | Real Estate |
| FREYR BATTERY INC (A) | FREY | Energy |
| FULCRUM THERAPEUTICS INC | FULC | Health Care |
| G1 THERAPEUTICS | GTHX | Health Care |
| GALECTIN THERAPEUTICS | GALT | Health Care |
| GCT SEMICONDUCTOR HOLDIN | GCTS | Technology |
| GENEDX HOLDINGS CORP (A) | WGS | Health Care |
| GEOSPACE TECHNOLOGIES | GEOS | Energy |
| GETTY IMAGES HOLDING (A) | GETY | Technology |
| GIGACLOUD TECHNOLOGY | GCT | Consumer Discretionary |
| GOLDEN MATRIX GROUP | GMGI | Consumer Discretionary |
| GRAHAM CORP | GHM | Industrials |
| GRAIL INC | GRAL | Health Care |
| GREENWICH LIFESCIENCES | GLSI | Health Care |
| GROUPON INC | GRPN | Technology |
| GYRE THERAPEUTICS | GYRE | Health Care |
| HAMILTON BEACH BRANDS | НВВ | Consumer Discretionary |
| HERITAGE INS HLDGS INC | HRTG | Financials |
| HONEST COMPANY | HNST | Consumer Staples |
| HUT 8 CORP | HUT | Technology |
| IBOTTA | IBTA | Technology |
| IUVITA | IDIA | recimology |



| Company | Symbol | Industry |
|--------------------------|--------|------------------------|
| ILEARNINGENGINES | AILE | Technology |
| IMMUNOME | IMNM | Health Care |
| INDUSTRIAL LOGISTICS | ILPT | Real Estate |
| INMUNE BIO | INMB | Health Care |
| INNOVID CORP (A) | CTV | Technology |
| INOVIO PHARMACEUTICALS | INO | Health Care |
| INTUITIVE MACHINES | LUNR | Industrials |
| INVESTAR HOLDING CORP | ISTR | Financials |
| INVIVYD INC | IVVD | Health Care |
| JASPER THERAPEUTICS (A) | JSPR | Health Care |
| KORRO BIO INC | KRRO | Health Care |
| KYVERNA THERAPEUTICS | күтх | Health Care |
| LIBERTY GLOBAL LTD | LBTYA | Telecommunications |
| LIBERTY GLOBAL LTD | LBTYK | Telecommunications |
| LIFECORE BIOMEDICAL INC | LFCR | Health Care |
| LIFEMD INC | LFMD | Consumer Staples |
| LIFETIME BRANDS INC | LCUT | Consumer Discretionary |
| LIFEWAY FOODS INC | LWAY | Consumer Staples |
| LIFEZONE METALS LTD | LZM | Basic Materials |
| LINKBANCORP INC | LNKB | Financials |
| LIVEONE INC | LVO | Consumer Discretionary |
| LOAR HOLDINGS | LOAR | Industrials |
| LYRA THERAPEUTICS | LYRA | Health Care |
| MAMAS CREATIONS INC | MAMA | Consumer Staples |
| MATRIX SERVICE CO | MTRX | Energy |
| MEDALLION FINANCIAL | MFIN | Financials |
| MEDIWOUND | MDWD | Health Care |
| METAGENOMI | MGX | Health Care |
| METALS ACQUISITION | MTAL | Basic Materials |
| MIND MEDICINE MINDMED | MNMD | Health Care |
| MONEYLION INC (A) | ML | Industrials |
| NATIONAL CINEMEDIA | NCMI | Consumer Discretionary |
| NATURAL GAS SERVICES GRP | NGS | Energy |
| NB BANCORP | NBBK | Financials |
| NEKTAR THERAPEUTICS | NKTR | Health Care |
| NET POWER INC | NPWR | Utilities |
| NEUROGENE INC | NGNE | Health Care |
| NEUROPACE | NPCE | Health Care |
| NN INC | NNBR | Basic Materials |
| NORTHERN TECH INTL CORP | NTIC | Basic Materials |
| OCUGEN INC | OCGN | Health Care |
| OFFERPAD SOLUTIONS (A) | OPAD | Real Estate |
| ORION GROUP HOLDINGS | ORN | Industrials |
| OUSTER INC (A) | oust | Technology |
| | DACC | Health Care |
| PACS GROUP INC | PACS | |
| PAGAYA TECHNOLOGIES LTD | PGY | Industrials |
| | | |
| PAGAYA TECHNOLOGIES LTD | PGY | Industrials |



| Company | Symbol | Industry |
|--------------------------|--------|------------------------|
| PORCH GROUP INC (A) | PRCH | Technology |
| POWERFLEET INC | PWFL | Telecommunications |
| PRAIRIE OPERATING CO | PROP | Financials |
| PRAXIS PRECISION MEDICIN | PRAX | Health Care |
| PROVIDENT BANCORP INC | PVBC | Financials |
| PUMA BIOTECHNOLOGY INC | PBYI | Health Care |
| PYXIS ONCOLOGY | PYXS | Health Care |
| Q32 BIO | QTTB | Health Care |
| QUEST RESOURCE HOLDING | QRHC | Utilities |
| QUICKLOGIC CORP | QUIK | Technology |
| REAL BROKERAGE | REAX | Real Estate |
| REGULUS THERAPEUTICS | RGLS | Health Care |
| REKOR SYSTEMS INC | REKR | Industrials |
| RENOVARO INC | RENB | Health Care |
| REPOSITRAK INC | TRAK | Technology |
| RIGETTI COMPUTING (A) | RGTI | Technology |
| ROADZEN | RDZN | Financials |
| ROOT | ROOT | Financials |
| RUMBLEON INC | RMBL | Consumer Discretionary |
| SABLE OFFSHORE CORP | SOC | Energy |
| SERA PROGNOSTICS | SERA | Health Care |
| SEVEN HILLS REALTY TRUST | SEVN | Financials |
| SEZZLE | SEZL | Industrials |
| SHARKNINJA | SN | Consumer Discretionary |
| SHATTUCK LABS | STTK | Health Care |
| SKY HARBOUR GROUP CO (A) | SKYH | Industrials |
| SKYE BIOSCIENCE | SKYE | Industrials |
| SMITH MIDLAND | SMID | Industrials |
| SOLARMAX TECHNOLOGY | SMXT | Energy |
| SOLENO THERAPEUTICS INC | SLNO | Health Care |
| SOLID BIOSCIENCES INC | SLDB | Health Care |
| SOLIDION TECHNOLOGY | STI | Industrials |
| SONIDA SENIOR LIVING | SNDA | Health Care |
| SOUTHERN CALIFORNIA BANC | BCAL | Financials |
| SPIRE GLOBAL INC (A) | SPIR | Industrials |
| SPYRE THERAPEUTICS INC | SYRE | Health Care |
| STANDARD BIOTOOLS INC | LAB | Health Care |
| STEREOTAXIS | STXS | Health Care |
| STRAWBERRY FIELDS RE | STRW | Real Estate |
| SUPERIOR GROUP OF CO | SGC | Consumer Discretionary |
| TALKSPACE INC (A) | TALK | Health Care |
| TAYLOR DEVICES INC | TAYD | Industrials |
| TAYSHA GENE THERAPIES | TSHA | Health Care |
| TECNOGLASS | TGLS | Industrials |
| TELOMIR PHARMACEUTICALS | TELO | Health Care |
| TELOS | TLS | Technology |
| TEVOGEN BIO HOLDINGS | TVGN | Health Care |
| THE REALREAL INC | REAL | Consumer Discretionary |
| TOURMALINE BIO INC | TRML | Health Care |
| | | |



| Company | Symbol | Industry |
|--------------------------|--------|------------------------|
| TRANSOCEAN LTD | RIG | Energy |
| TRUMP MEDIA & TECHNO | DJT | Technology |
| TSCAN THERAPEUTICS | TCRX | Health Care |
| TWIN DISC INC | TWIN | Industrials |
| ULTRALIFE CORPORATION | ULBI | Industrials |
| UNIV STAINLESS AND ALLOY | USAP | Basic Materials |
| UR ENERGY | URG | Basic Materials |
| VACASA INC (A) | VCSA | Consumer Discretionary |
| VERASTEM INC | VSTM | Health Care |
| VERICITY | VERY | Financials |
| VERTEX | VERX | Technology |
| VERU INC | VERU | Consumer Staples |
| VIPER ENERGY | VNOM | Energy |
| VIRCO MFG CO | VIRC | Consumer Discretionary |
| VIRTRA INC | VTSI | Industrials |
| WEREWOLF THERAPEUTICS | HOWL | Health Care |
| WHEELS UP EXP INC | UP | Consumer Discretionary |
| WHOLE EARTH BRANDS (A) | FREE | Consumer Staples |
| WM TECHNOLOGY INC (A) | MAPS | Technology |
| WNS HOLDINGS LTD ADS | WNS | Industrials |
| XBIOTECH INC | XBIT | Health Care |



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