

# Reconstitution

## Russell Microcap® Index - Additions

Company	Symbol	Industry
180 LIFE SCIENCES CORP	ATNF	Health Care
22ND CENTURY GROUP INC.	XXII	Consumer Staples
4D MOLECULAR THERAPEUTICS	FDMT	Health Care
9 METERS BIOPHARMA INC	NMTR	Health Care
ACCELERATE DIAGNOSTICS	AXDX	Health Care
ACCO BRANDS	ACCO	Consumer Staples
ACER THERAPEUTICS	ACER	Health Care
ACTINIUM PHARMACEUTICALS INC	ATNM	Health Care
ACUTUS MEDICAL	AFIB	Health Care
ADIAL PHARMACEUTICALS	ADIL	Health Care
ADITX THERAPEUTICS	ADTX	Health Care
ADVANSIX	ASIX	Basic Materials
ADVENT TECHNOLOGIES HOLDINGS INC (A)	ADN	Energy
ADVERUM BIOTECHNOLOGIES	ADVM	Health Care
AEMETIS	AMTX	Energy
AERIE PHARMACEUTICALS INC	AERI	Health Care
AERPIO PHARMACEUTICALS INC	ARPO	Health Care
AERSALE CORPORATION	ASLE	Industrials
AFC GAMMA	AFCG	Financials
AGEAGLE AERIAL SYSTEMS	UAVS	Industrials
AGEX THERAPEUTICS	AGE	Health Care
AILERON THERAPEUTICS	ALRN	Health Care
AKEBIA THERAPEUTICS	AKBA	Health Care
AKOUOS	AKUS	Health Care
AKOYA BIOSCIENCES	AKYA	Health Care
AKUMIN	AKU	Health Care
ALFI	ALF	Technology
ALIMERA SCIENCES	ALIM	Health Care
ALJ REGIONAL HOLDINGS	ALJJ	Industrials
ALKALINE WATER CO INC/THE	WTER	Consumer Staples
ALTISOURCE ASSET MANAGEMENT	AAMC	Financials
ALTO INGREDIENTS INC	ALTO	Basic Materials
ALTUS MIDSTREAM COMPANY (A)	ALTM	Energy
AMBAC FINANCIAL GROUP INC	AMBC	Financials
AMERICAN RESOURCES	AREC	Energy
AMMO INC	POWW	Consumer Discretionary
AMPHASTAR PHARMACEUTICALS	AMPH	Health Care
AMPIO PHARMACEUTICALS INC.	AMPE	Health Care
AMPLITECH GROUP INC	AMPG	Industrials
ANAPTYS BIO	ANAB	Health Care
ANEBULO PHARMACEUTICALS	ANEB	Health Care
ANNEXON	ANNX	Health Care
ANNOVIS BIO	ANVS	Health Care
ANTERIX	ATEX	Telecommunications
APPLIED THERAPEUTICS	APLT	Health Care
APPLIED UV	AUVI	Consumer Discretionary
APTEVO THERAPEUTICS	APVO	Health Care
AQUA METALS INC	AQMS	Utilities
ARC DOCUMENT SOLUTIONS	ARC	Industrials

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Company	Symbol	Industry
ARCA BIOPHARMA	ABIO	Health Care
ARCH RESOURCES INC	ARCH	Energy
ARMOUR RESIDENTIAL REIT	ARR	Financials
ASENSUS SURGICAL INC	ASXC	Health Care
ASHFORD	AINC	Financials
ASHFORD HOSPITALITY TRUST	AHT	Real Estate
ASSOCIATED CAPITAL GROUP	AC	Financials
ASTROTECH CORP	ASTC	Industrials
ATHENEX	ATNX	Health Care
ATHIRA PHARMA	ATHA	Health Care
ATLAS TECHNICAL CONSULTANTS INC (A)	ATCX	Industrials
ATN INTERNATIONAL	ATNI	Telecommunications
ATOSSA THERAPEUTICS	ATOS	Health Care
AUDDIA	AUUD	Consumer Discretionary
AULT GLOBAL HOLDINGS INC	DPW	Industrials
AURIS MEDICAL HOLDING	EARS	Health Care
AUTOWEB	AUTO	Technology
AVIDITY BIOSCIENCES	RNA	Health Care
AVINGER INC	AVGR	Health Care
AVITA MEDICAL	RCEL	Health Care
AYRO INC	AYRO	Consumer Discretionary
BALLANTYNE STRONG INC	BTN	Industrials
BANCO LATINOAMERICANO DE COMERCIO EXTERI	BLX	Financials
BBQ HOLDINGS INC	BBQ	Consumer Discretionary
BEAUTY HEALTH CO	SKIN	Consumer Staples
BENEFITFOCUS	BNFT	Technology
BENITEC BIOPHARMA ADS	BNTC	Health Care
BIG 5 SPORTING GOODS CORP	BGFV	Consumer Discretionary
BIO PATH HOLDINGS	BPTH	Health Care
BIOCARDIA	BCDA	Health Care
BIOCEPT INC	BIOC	Health Care
BIOHITECH GLOBAL	BHTG	Utilities
BIOMEA FUSION	BMEA	Health Care
BIOVENTUS	BVS	Health Care
BIOVIE	BIVI	Health Care
BLUCORA	BCOR	Financials
BM TECHNOLOGIES INC (A)	BMTX	Industrials
BOLT BIOTHERAPEUTICS	BOLT	Health Care
BOWL AMERICA A	BWL.A	Consumer Discretionary
BOWMAN CONSULTING GROUP	BWMN	Industrials
BOXLIGHT CLS A	BOXL	Technology
BROADWIND INC	BWEN	Industrials
BSQUARE CORP	BSQR	Technology
BURGERFI INTERNATIONAL INC	BFI	Consumer Discretionary
BYRNA TECHNOLOGIES	BYRN	Industrials
CALADRIUS BIOSCIENCES	CLBS	Health Care
CANTALOUPE INC	CTLP	Industrials
CAPITAL SENIOR LIVING	CSU	Health Care
CAPSTEAD MORTGAGE	CMO	Financials

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## Russell Microcap® Index - Additions

Company	Symbol	Industry
CAPSTONE GREEN ENERGY CORP	CGRN	Energy
CARDIFF ONCOLOGY INC	CRDF	Health Care
CARLOTZ INC (A)	LOTZ	Consumer Discretionary
CASA SYSTEMS	CASA	Telecommunications
CASTLIGHT HEALTH	CSLT	Health Care
CBDMD	YCBD	Health Care
CEDAR REALTY TRUST	CDR	Real Estate
CELLECTAR BIOSCIENCES	CLRB	Health Care
CENTRAL PACIFIC FINANCIAL	CPF	Financials
CERULEAN PHARMA	DARE	Health Care
CHARLES & COLVARD	CTHR	Consumer Discretionary
CHATHAM LODGING TRUST	CLDT	Real Estate
CHEMOCENTRYX INC	CCXI	Health Care
CHICKEN SOUP FOR THE SOUL ENTERTAINMENT	CSSE	Consumer Discretionary
CINCINNATI BANCORP	CNNB	Financials
CINEDIGM	CIDM	Consumer Discretionary
CITIUS PHARMACEUTICALS	CTXR	Health Care
CLEANSARK	CLSK	Technology
CLEAR CHANNEL OUTDOOR HOLDINGS	CCO	Consumer Discretionary
CLEARONE	CLRO	Telecommunications
CLEARSIGN TECHNOLOGIES CORP	CLIR	Industrials
CLENE INC	CLNN	Health Care
CLEVELAND BIOLABS	CBLI	Health Care
CLEVER LEAVES HOLDINGS INC	CLVR	Health Care
CLOVIS ONCOLOGY	CLVS	Health Care
CNS PHARMACEUTICALS	CNSP	Health Care
COCRYSTAL PHARMA	COCP	Health Care
COGENT BIOSCIENCES INC	COGT	Health Care
COHEN AND COMPANY	COHN	Financials
COLOR STAR TECHNOLOGY	CSCW	Consumer Discretionary
COMSOVEREIGN HOLDING	COMS	Telecommunications
COMSTOCK HOLDING COMPANIES	CHCI	Real Estate
COMSTOCK MINING	LODE	Basic Materials
CORE MATERIAL	CMT	Industrials
CPS TECHNOLOGIES	CPSH	Basic Materials
CREATD	CRTD	Technology
CREXENDO	CXDO	Telecommunications
CROWN ELECTROKINETICS	CRKN	Technology
CUENTAS	CUEN	Industrials
CURIOSITYSTREAM INC (A)	CURI	Consumer Discretionary
CURIS INC	CRIS	Health Care
CVD EQUIPMENT	CVV	Technology
CYCLACEL PHARMACEUTICALS INC.	CYCC	Health Care
CYCLO THERAPEUTICS	CYTH	Health Care
DARIOHEALTH	DRIO	Health Care
DATA I.O.	DAIO	Technology
DELCATH SYSTEMS	DCTH	Health Care
DIGITAL ALLY INC.	DGLY	Industrials
DIGITAL MEDIA SOLUTIONS INC (A)	DMS	Consumer Discretionary

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Company	Symbol	Industry
DIXIE GROUP	DXYN	Consumer Discretionary
DOCUMENT SECURITY SYSTEMS	DSS	Industrials
DOLPHIN ENTERTAINMENT	DLPN	Consumer Discretionary
DUOS TECHNOLOGIES GROUP	DUOT	Technology
EAGLE PHARMACEUTICALS	EGRX	Health Care
EKSO BIONICS HOLDINGS INC	EKSO	Health Care
ELECTROCORE	ECOR	Health Care
ELEDON PHARMACEUTICALS INC	ELDN	Health Care
ELITE EDUCATION GROUP INTERNATIONAL	EEIQ	Consumer Discretionary
EMAGIN CORP	EMAN	Technology
ENDRA LIFE SCIENCES	NDRA	Health Care
ENGLOBAL	ENG	Industrials
ENVERIC BIOSCIENCES INC	ENVB	Health Care
EOS ENERGY ENTERPRISES INC (A)	EOSE	Industrials
EPIZYME INC	EPZM	Health Care
EROS STX GLOBAL CORP	ESGC	Consumer Discretionary
ESPERION THERAPEUTICS INC	ESPR	Health Care
ESPORTS TECHNOLOGIES	EBET	Consumer Discretionary
EVERQUOTE	EVER	Technology
EXELA TECHNOLOGIES	XELA	Technology
EXTRACTION OIL & GAS	XOG	Energy
EYEPOINT PHARMACEUTICALS	EYPT	Health Care
FG FINANCIAL GROUP INC	FGF	Financials
FINANCE OF AMERICA COMPANIES INC	FOA	Financials
FINCH THERAPEUTICS GROUP	FNCH	Health Care
FIVE STAR BANCORP	FSBC	Financials
FLANIGANS ENTR	BDL	Consumer Discretionary
FLEXIBLE SOLUTIONS INTERNATIONAL	FSI	Basic Materials
FLEXSHOPPER	FPAY	Consumer Discretionary
FLOTEK INDUSTRIES INC.	FTK	Energy
FLUX POWER HOLDINGS	FLUX	Technology
FORIAN	FORA	Health Care
FORTE BIOSCIENCES INC	FBRX	Health Care
FORUM ENERGY TECHNOLOGIES	FET	Energy
FRANKLIN STREET PROPERTIES	FSP	Real Estate
FRANKLIN WIRELESS	FKWL	Telecommunications
FRANKS INTERNATIONAL	FI	Energy
FREIGHTCAR AMERICA	RAIL	Industrials
FTC SOLAR	FTCI	Energy
FTS INTERNATIONAL	FTSI	Energy
FUEL TECH	FTEK	Industrials
G1 THERAPEUTICS	GTHX	Health Care
GAIN THERAPEUTICS	GANX	Health Care
GAMCO INVESTORS	GBL	Financials
GAUCHO GROUP HOLDINGS INC	VINO	Real Estate
GEMINI THERAPEUTICS INC	GMTX	Health Care
GENIUS BRANDS INTL INC	GNUS	Consumer Discretionary
GEO GROUP	GEO	Real Estate
GEOVAX LABS	GOVX	Health Care

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Company	Symbol	Industry
GEVO	GEVO	Energy
GLATFELTER CORPORATION	GLT	Basic Materials
GLEN BURNIE BNC	GLBZ	Financials
GOLDEN NUGGET ONLINE GAMING INC (A)	GNOG	Consumer Discretionary
GOOD TIMES RESTAURANTS INC	GTIM	Consumer Discretionary
GOSSAMER BIO	GOSS	Health Care
GREENBOX POS	GBOX	Industrials
GT BIOPHARMA	GTBP	Health Care
GTT COMMUNICATIONS	GTT	Telecommunications
GUARDION HEALTH SCIENCES	GHSI	Consumer Staples
HALL OF FAME RESORT AND ENTERTAINMENT CO	HOFV	Consumer Discretionary
HALLADOR ENERGY CO.	HNRG	Energy
HANCOCK JAFFE LABORATORIES	HJLI	Health Care
HARBOR CUSTOM DEVELOPMENT	HCDI	Real Estate
HEAT BIOLOGICS INC	HTBX	Health Care
HELIUS MEDICAL TECHNOLOGIES	HSDT	Health Care
HELIX ENERGY SOLUTIONS GROUP	HLX	Energy
HEPION PHARMACEUTICALS	HEPA	Health Care
HERITAGE GLOBAL	HGBL	Financials
HIGHPEAK ENERGY INC (A)	HPK	Energy
HOME POINT CAPITAL	HMPT	Financials
HUDSON GLOBAL INC	HSN	Industrials
HUDSON TECH INC	HDSN	Industrials
HUMANIGEN	HGEN	Health Care
HV BANCORP	HVBC	Financials
HYCROFT MINING HOLDING CORP (A)	HYMC	Basic Materials
ICC HOLDINGS	ICCH	Financials
IDEAL POWER INC	IPWR	Energy
IDEANOMICS	IDEX	Industrials
IFRESH	IFMK	Consumer Staples
IKENA ONCOLOGY	IKNA	Health Care
IMAC HOLDINGS	IMAC	Health Care
IMAGE SENSING	ISNS	Industrials
IMEDIA BRANDS INC	IMBI	Consumer Discretionary
IMPEL NEUROPHARMA	IMPL	Health Care
INDIA GLOBALIZATION CAPITAL	IGC	Industrials
INHIBRX	INBX	Health Care
INNODATA	INOD	Technology
INNSUITES HOSPITALITY TR	IHT	Consumer Discretionary
INPIXON	INPX	Technology
INSEEGO CORP	INSG	Telecommunications
INTERCEPT PHARMACEUTICALS INC	ICPT	Health Care
INTERFACE	TILE	Consumer Discretionary
INTERLINK ELECTRONICS	LINK	Industrials
INTERSECT ENT INC	XENT	Health Care
INTRUSION	INTZ	Technology
INVESCO MORTGAGE CAPITAL	IVR	Financials
INVO BIOSCIENCE	INVO	Health Care
IRIDEX CORP	IRIX	Health Care

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Company	Symbol	Industry
ISUN INC	ISUN	Energy
ITEOS THERAPEUTICS	ITOS	Health Care
IZEA WORLDWIDE	IZEA	Industrials
J JILL	JILL	Consumer Discretionary
JAGUAR ANML HEAL	JAGX	Health Care
JAKKS PACIFIC	JAKK	Consumer Discretionary
JEWETT-CAMERON	JCTCF	Industrials
JOANN	JOAN	Consumer Discretionary
JUPITER WELLNESS	JUPW	Health Care
KARAT PACKAGING	KRT	Industrials
KARYOPHARM THERAPEUTICS	KPTI	Health Care
KASPIEN HOLDINGS	KSPN	Consumer Discretionary
KEMPHARM	KMPH	Health Care
KEWAUNEE SCIENTIFIC CORP.	KEQU	Consumer Discretionary
KINTARA THERAPEUTICS	KTRA	Health Care
KIRKLANDS INC	KIRK	Consumer Discretionary
KOPIN CORP	KOPN	Technology
KOSS	KOSS	Consumer Discretionary
KUBIENT	KBNT	Technology
L S STARRETT A	SCX	Industrials
LANDSEA HOMES CORP (A)	LSEA	Consumer Discretionary
LAREDO PETROLEUM	LPI	Energy
LARIMAR THERAPEUTICS INC	LRMR	Health Care
LEE ENTERPRISES	LEE	Consumer Discretionary
LIFEMD INC	LFMD	Consumer Staples
LIGHTBRIDGE CORP	LTBR	Industrials
LIGHTNING EMOTORS INC	ZEV	Industrials
LIMBACH HOLDINGS	LMB	Industrials
LINEAGE CELL THERAPEUTICS	LCTX	Health Care
LIPOCINE INC	LPCN	Health Care
LIVE VENTURES	LIVE	Consumer Discretionary
LONGBOARD PHARMACEUTICALS	LBPH	Health Care
LUBYS INC	LUB	Consumer Discretionary
LUCIRA HEALTH	LHDX	Health Care
MAIDEN HOLDINGS LTD.	MHLD	Financials
MANNATECH INC	MTEX	Consumer Staples
MARCUS CORPORATION	MCS	Consumer Discretionary
MBIA	MBI	Financials
MECHANICAL TECHNOLOGY	MKTY	Industrials
MEDAVAIL HOLDINGS INC	MDVL	Consumer Staples
MEDIWOUND	MDWD	Health Care
METROMILE INC (A)	MILE	Financials
MICT	MICT	Industrials
MIMEDX GROUP	MDXG	Health Care
MIND MEDICINE MINDMED	MNMD	Health Care
MIND TECHNOLOGY INC	MIND	Energy
MOLECULIN BIOTECH	MBRX	Health Care
MONAKER GROUP	MKGI	Consumer Discretionary
MOVANO	MOVE	Health Care

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## Russell Microcap® Index - Additions

Company	Symbol	Industry
MSG NETWORKS	MSGN	Consumer Discretionary
MYMD PHARMACEUTICALS	MYMD	Health Care
MYOMO	MYO	Health Care
NATIONAL WESTERN LIFE GROUP - CL A	NWLI	Financials
NATUS MEDICAL	NTUS	Health Care
NAVIDEA BIOPHARMACEUTICALS	NAVB	Health Care
NAVIOS MARITIME HOLDINGS INC.	NM	Industrials
NCS MULTISTAGE HOLDING	NCSM	Energy
NET ELEMENT	NETE	Industrials
NETSOL TECHNOLOGIES	NTWK	Technology
NEUROPACE	NPCE	Health Care
NEW YORK CITY REIT	NYC	Real Estate
NEXTCURE	NXTC	Health Care
NKARTA	NKTX	Health Care
NORTHERN OIL AND GAS	NOG	Energy
NORTHFIELD BANCORP INC.	NFBK	Financials
NOVAN	NOVN	Health Care
NOVO INTEGRATED SCIENCES INC	NVOS	Health Care
NUVEE HOLDING CORP	NVVE	Technology
NUVERRA ENVIRONMENTAL SOLUTION	NES	Energy
NUZEE	NUZE	Consumer Staples
OBLONG	OBLG	Technology
OCEAN POWER TECHNOLOGIES	OPTT	Energy
OCUPHIRE PHARMA INC	OCUP	Health Care
OCWEN FINL CORP	OCN	Financials
ODONATE THERAPEUTICS	ODT	Health Care
OLB GROUP	OLB	Industrials
OLEMA PHARMACEUTICALS	OLMA	Health Care
ONDAS HOLDINGS	ONDS	Consumer Discretionary
ONESPAWORLD HOLDINGS (A)	OSW	Consumer Discretionary
ORASURE TECH	OSUR	Health Care
ORBITAL ENERGY GROUP	OEG	Industrials
ORGANOVO	ONVO	Health Care
ORIC PHARMACEUTICALS	ORIC	Health Care
ORTHOFIX MEDICAL	OFIX	Health Care
OUTLOOK THERAPEUTICS	OTLK	Health Care
PAE INCORPORATED (A)	PAE	Industrials
PALISADE BIO	PALI	Health Care
PANBELA THERAPEUTICS INC	PBLA	Health Care
PAR PACIFIC HOLDINGS	PARR	Energy
PARTS ID INC (A)	ID	Consumer Discretionary
PARTY CITY HOLDCO	PRTY	Consumer Discretionary
PATRIOT NATIONAL BANCORP	PNBK	Financials
PATRIOT TRANSPORTATION HOLDING	PATI	Industrials
PDS BIOTECHNOLOGY	PDSB	Health Care
PEABODY ENERGY CORP	BTU	Energy
PEDEVCO CORP	PED	Energy
PERDOCEO EDUCATION CORP	PRDO	Consumer Discretionary
PERFORMANT FINANCIAL	PFMT	Industrials

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## Russell Microcap® Index - Additions

Company	Symbol	Industry
PERPETUA RESOURCES	PPTA	Basic Materials
PHIO PHARMACEUTICALS CORP	PHIO	Health Care
PHUNWARE	PHUN	Technology
PIONEER POWER SOLUTIONS	PPSI	Industrials
PLUS THERAPEUTICS INC	PSTV	Health Care
PLX PHARMA	PLXP	Health Care
POLAR POWER	POLA	Industrials
POLYMET MINING	PLM	Basic Materials
PORCH GROUP INC (A)	PRCH	Technology
PORTAGE BIOTECH	PRTG	Health Care
POSEIDA THERAPEUTICS	PSTX	Health Care
POWER REIT	PW	Real Estate
PRECIPIO	PRPO	Health Care
PREDICTIVE ONCOLOGY INC	POAI	Health Care
PRESIDIO PROPERTY TRUST	SQFT	Real Estate
PROCESSA PHARMACEUTICALS	PCSA	Health Care
PROFIRE ENERGY INC	PFIE	Energy
PROMETHEUS BIOSCIENCES	RXDX	Health Care
PROPHASE LABS INC	PRPH	Consumer Staples
PROTALIX BIOTHERAPEUTICS INC.	PLX	Health Care
PUMA BIOTECHNOLOGY INC	PBYI	Health Care
QUALIGEN THERAPEUTICS INC	QLGN	Health Care
QUEST RESOURCE HOLDING	QRHC	Utilities
QUMU	QUMU	Technology
QUOTIENT LTD	QTNT	Health Care
RADIUS GLOBAL INFRASTRUCTURE	RADI	Real Estate
RAIN THERAPEUTICS	RAIN	Health Care
RCM TECHNOLOGIES	RCMT	Industrials
REALNETWORKS	RNWK	Technology
RED CAT HOLDINGS	RCAT	Consumer Discretionary
REEDS INC.	REED	Consumer Staples
REGIONAL HEALTH PROPERTIES	RHE	Real Estate
RELMADA THERAPEUTICS	RLMD	Health Care
RENEO PHARMACEUTICALS	RPHM	Health Care
REVIVA PHARMACEUTICALS HOLDINGS INC	RVPH	Health Care
REVLON CLASS A	REV	Consumer Discretionary
REWALK ROBOTICS LTD	RWLK	Health Care
REZOLUTE	RZLT	Health Care
RILEY EXPLORATION PERMIAN	REPX	Energy
RING ENERGY INC	REI	Energy
ROCKY MOUNTAIN	RMCF	Consumer Staples
ROMEO POWER INC (A)	RMO	Consumer Discretionary
RUMBLEON INC	RMBL	Consumer Discretionary
SALARIUS PHARMACEUTICALS	SLRX	Health Care
SALEM MEDIA GROUP	SALM	Consumer Discretionary
SANARA MEDTECH	SMTI	Health Care
SCANSOURCE	SCSC	Technology
SCYNEXIS INC	SCYX	Health Care
SECOND SIGHT MEDICAL PRODUCTS	EYES	Health Care



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## Russell Microcap® Index - Additions

Company	Symbol	Industry
SEELOS THERAPEUTICS	SEEL	Health Care
SELECT ENERGY SERVICES	WTTR	Energy
SELLAS LIFE SCIENCES GROUP	SLS	Health Care
SENSEONICS HOLDINGS	SENS	Health Care
SESEN BIO	SESN	Health Care
SHIFT TECHNOLOGIES INC (A)	SFT	Consumer Discretionary
SHIFTPIXY	PIXY	Industrials
SIERRA ONCOLOGY	SRRA	Health Care
SIFCO INDUSTRIES	SIF	Industrials
SIGILON THERAPEUTICS	SGTX	Health Care
SIGMA LABS	SGLB	Technology
SILVERSON TECHNOLOGIES	SSNT	Technology
SINTX TECHNOLOGIES	SINT	Health Care
SIO GENE THERAPIES INC	SIOX	Health Care
SKYWATER TECHNOLOGY	SKYT	Technology
SMART SAND	SND	Energy
SMITH MIDLAND	SMID	Industrials
SOC TELEMED INC (A)	TLMD	Health Care
SOCKET MOBILE	SCKT	Industrials
SPAR GROUP INC	SGRP	Consumer Discretionary
SRAX INC	SRAX	Consumer Discretionary
STABILIS ENERGY	SLNG	Energy
STATE AUTO FINANCIAL	STFC	Financials
STEEL CONNECT	STCN	Technology
STONEMOR INC	STON	Consumer Discretionary
SUMMER INFANT	SUMR	Consumer Discretionary
SUMMIT THERAPEUTICS INC	SMMT	Health Care
SUMMIT WIRELESS TECHNOLOGIES	WISA	Technology
SUNWORKS INC	SUNW	Energy
SUPER LEAGUE GAMING	SLGG	Technology
SUPPORT.COM	SPRT	Technology
SYPRIS SOLUTIONS	SYPR	Industrials
T2 BIOSYSTEMS INC	TTOO	Health Care
TALARIS THERAPEUTICS	TALS	Health Care
TAYSHA GENE THERAPIES	TSHA	Health Care
TEEKAY	TK	Industrials
TEEKAY TANKERS	TNK	Industrials
TELLURIAN	TELL	Energy
TENAX THERAPEUTICS	TENX	Health Care
TETRA TECHNOLOGIES	TTI	Energy
THERAPEUTICSMD	TXMD	Health Care
THERMON GROUP HOLDINGS	THR	Industrials
THRYV HOLDINGS	THRY	Consumer Discretionary
TIMBER PHARMACEUTICALS	TMBR	Health Care
TOMI ENVIRONMENTAL SOLUTIONS	TOMZ	Industrials
TONIX PHARMACEUTICALS HOLDING CORP	TNXP	Health Care
TORCHLIGHT ENERGY RESOURCES	TRCH	Energy
TRACON PHARMACEUTICALS	TCON	Health Care
TREAN INSURANCE GROUP	TIG	Financials

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## Russell Microcap® Index - Additions

Company	Symbol	Industry
TREMONT MORTGAGE TRUST REIT	TRMT	Financials
TREVENA	TRVN	Health Care
TRICIDA	TCDA	Health Care
TRILLIUM THERAPEUTICS	TRIL	Health Care
TROIKA MEDIA GROUP INC	TRKA	Consumer Discretionary
TRUSTCO BANK	TRST	Financials
TUTOR PERINI	TPC	Industrials
UNITED FIRE GROUP	UFCS	Financials
UNIVERSAL HEALTH RLTY INCOME	UHT	Real Estate
UNIVERSAL HLDGS	UVE	Financials
URBAN GRO	UGRO	Consumer Staples
URBAN ONE INC CL D	UONEK	Consumer Discretionary
UR-ENERGY INC.	URG	Basic Materials
UROGEN PHARMA	URGN	Health Care
US GOLD	USAU	Basic Materials
VAALCO ENERGY	EGY	Energy
VALHI INC	VHI	Basic Materials
VAXCYTE	PCVX	Health Care
VERIFYME	VRME	Technology
VERTEX ENERGY INC.	VTNR	Utilities
VIAD CORP	VVI	Consumer Discretionary
VINCERX INC	VINC	Health Care
VINCO VENTURES INC	BBIG	Consumer Discretionary
VINE ENERGY	VEI	Energy
VIRACTA THERAPEUTICS INC	VIRX	Health Care
VIRGINIA NATIONAL BANKSHARES	VABK	Financials
VIRIDIAN THERAPEUTICS INC	VRDN	Health Care
VIRTRA INC	VTSI	Industrials
VISLINK TECHNOLOGIES	VISL	Telecommunications
VISTAGEN THERAPEUTICS	VTGN	Health Care
VITAL FARMS	VITL	Consumer Staples
VOLT INFORMATION SCIENCES INC	VOLT	Industrials
VOR BIOPHARMA	VOR	Health Care
VYANT BIO INC	VYNT	Health Care
WARRIOR MET COAL	HCC	Energy
WEREWOLF THERAPEUTICS	HOWL	Health Care
WESTWATER RESOURCES	WWR	Basic Materials
WHEELER REAL ESTATE INVESTMENT TRUST INC	WHLR	Real Estate
WHERE FOOD COMES FROM	WFCF	Industrials
WHOLE EARTH BRANDS INC (A)	FREE	Consumer Staples
WIDEPOINT CORP	WYY	Technology
WILLIAM PENN BANCORP	WMPN	Financials
WILLIAMETTE VAL	WVVI	Consumer Staples
WILLIAMS INDUSTRIAL SERVICES GROUP	WLMS	Industrials
WINDTREE THERAPEUTICS	WINT	Health Care
WIRELESS TEL	WTT	Industrials
WORLD ACCEPTANCE	WRLD	Financials
WVS FINANCIAL	WVFC	Financials
XCEL BRANDS	XELB	Consumer Discretionary

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## Russell Microcap® Index - Additions

Company	Symbol	Industry
XL FLEET CORP (A)	XL	Consumer Discretionary
XPRESSPA GROUP	XSPA	Consumer Discretionary
XTANT MEDICAL HOLDINGS	XTNT	Health Care
YIELD10 BIOSCIENCE	YTEN	Consumer Staples
ZEDGE	ZDGE	Technology

# Reconstitution

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