

Reconstitution

Russell Microcap® Index - Additions

Company	Symbol	Industry
1-800-FLOWERS.COM CL A	FLWS	Consumer Discretionary
2SEVENTY BIO	TSVT	Health Care
5E ADVANCED MATERIALS INC	FEAM	Basic Materials
908 DEVICES	MASS	Health Care
A K A BRANDS HOLDING	AKA	Consumer Discretionary
ABSCI	ABSI	Health Care
ABVC BIOPHARMA	ABVC	Health Care
ACCOLADE	ACCD	Health Care
ACM RESEARCH	ACMR	Technology
ADAGIO THERAPEUTICS	ADGI	Health Care
ADTHEORENT HOLDING COMPANY INC	ADTH	Technology
AEVA TECHNOLOGIES INC	AEVA	Technology
AEYE INC	LIDR	Industrials
AGILETHOUGHT INC (A)	AGIL	Technology
AIRSPAN NETWORKS HOLDINGS INC	MIMO	Telecommunications
ALECTOR	ALEC	Health Care
ALLAKOS	ALLK	Health Care
ALLBIRDS	BIRD	Consumer Discretionary
ALLOVIR	ALVR	Health Care
ALTUS POWER INC (A)	AMPS	Utilities
ALX ONCOLOGY HOLDINGS	ALXO	Health Care
AN2 THERAPEUTICS	ANTX	Health Care
APPHARVEST INC	APPH	Consumer Staples
APPLIED BLOCKCHAIN	APLD	Technology
APPLIED MOLECULAR TRANSPORT	AMTI	Health Care
ARCHER AVIATION INC (A)	ACHR	Industrials
ARENA GROUP HOLDINGS	AREN	Technology
ARTIVION INC	AORT	Health Care
ASSERTIO HOLDINGS INC	ASRT	Health Care
ASTRA SPACE INC	ASTR	Industrials
ATARA BIOTHERAPEUTICS	ATRA	Health Care
ATEA PHARMACEUTICALS	AVIR	Health Care
ATI PHYSICAL THERAPY INC (A)	ATIP	Health Care
AUGMEDIX	AUGX	Health Care
AVAYA HOLDINGS	AVYA	Technology
AVEANNA HEALTHCARE HOLDINGS	AVAH	Health Care
AVEPOINT INC (A)	AVPT	Technology
AXOGEN	AXGN	Health Care
BABYLON HOLDINGS LTD (A)	BBLN	Health Care
BAKKT HOLDINGS INC (A)	BKKT	Financials
BANDWIDTH CLASS A	BAND	Technology
BARFRESH FOOD GROUP	BRFH	Consumer Staples
BARK INC (A)	BARK	Consumer Discretionary
BAYFIRST FINANCIAL	BAFN	Financials
BENSON HILL INC	BHIL	Consumer Staples
BERKELEY LIGHTS	BLI	Health Care
BERKSHIRE GREY INC (A)	BGRY	Industrials
BETTER CHOICE	BTTR	Consumer Staples
BETTER THERAPEUTICS INC	BTTX	Health Care

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BIOATLA	BCAB	Health Care
BIONANO GENOMICS INC	BNGO	Health Care
BIOTRICITY INC	BTCY	Industrials
BIRD GLOBAL INC (A)	BRDS	Consumer Discretionary
BIT DIGITAL (N SHARES)	BTBT	Technology
BJS RESTAURANTS	BJRI	Consumer Discretionary
BLACK DIAMOND THERAPEUTICS	BDTX	Health Care
BLACKBOXSTOCKS INC	BLBX	Financials
BLACKSKY TECHNOLOGY INC (A)	BKSY	Industrials
BLADE AIR MOBILITY INC (A)	BLDE	Industrials
BLEND LABS	BLND	Technology
BLUE STAR FOODS	BSFC	Consumer Staples
BLUE WATER VACCINES	BWV	Health Care
BLUEBIRD BIO	BLUE	Health Care
BORR DRILLING	BORR	Energy
BOXED INC (A)	BOXD	Consumer Staples
BROOKLYN IMMUNO THERAPEUTICS	BTX	Health Care
BTCs	BTCs	Technology
BUTTERFLY NETWORK INC (A)	BFLY	Health Care
C4 THERAPEUTICS	CCCC	Health Care
CALAVO GROWERS INC	CVGW	Consumer Staples
CARDIOVASCULAR SYSTEMS INC	CSII	Health Care
CAREMAX INC (A)	CMAX	Health Care
CARIBOU BIOSCIENCES	CRBU	Health Care
CARS.COM	CARS	Consumer Discretionary
CARVER BNCP	CARV	Financials
CBL & ASSOCIATES PROPERTIES	CBL	Financials
CENNTRO ELECTRIC GROUP	CENN	Consumer Discretionary
CENTURY THERAPEUTICS	IPSC	Health Care
CEPTON INC (A)	CPTN	Industrials
CERBERUS CYBER SENTINEL	CISO	Industrials
CHARGE ENTERPRISES	CRGE	Telecommunications
CHILDRENS PLACE	PLCE	Consumer Discretionary
CIPHER MINING INC	CIFR	Technology
CODEXIS	CDXS	Health Care
COHERUS BIOSCIENCES	CHRS	Health Care
COMPASS THERAPEUTICS	CMPX	Health Care
COMPOSECURE INC (A)	CMPO	Industrials
CONTEXTLOGIC INC	WISH	Consumer Discretionary
CORTEXIME	CRTX	Health Care
COUCHBASE	BASE	Technology
CPI CARD GROUP	PMTS	Industrials
CRYO-CELL INTERNATIONAL	CCEL	Health Care
CULLINAN ONCOLOGY INC	CGEM	Health Care
CULLMAN BANCORP	CULL	Financials
DAKOTA GOLD CORP	DC	Basic Materials
DANIMER SCIENTIFIC INC (A)	DNMR	Industrials
DAY ONE BIOPHARMACEUTICALS	DAWN	Health Care
DECIPHERA PHARMACEUTICALS	DCPH	Health Care

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DECISIONPOINT SYSTEMS	DPSI	Technology
DENNYS CORP	DENN	Consumer Discretionary
DESIGN THERAPEUTICS	DSGN	Health Care
DESTINATION XL GROUP	DXLG	Consumer Discretionary
DIAMOND OFFSHORE DRILLING	DO	Energy
DIEBOLD NIXDORF	DBD	Technology
DIRECT DIGITAL HOLDINGS	DRCT	Technology
DIVERSIFIED HEALTHCARE TRUST	DHC	Real Estate
DOCGO INC	DCGO	Health Care
DOMA HOLDINGS INC (A)	DOMA	Financials
DOUGLAS ELLIMAN INC	DOUG	Real Estate
DYNE THERAPEUTICS	DYN	Health Care
EARGO	EAR	Health Care
ECOARK HOLDINGS	ZEST	Energy
EDGEWISE THERAPEUTICS	EWTX	Health Care
EFFECTOR THERAPEUTICS INC (A)	EFTR	Health Care
EHEALTH	EHTH	Financials
EMPIRE PETROLEUM CORP.	EP	Energy
ENDO INTERNATIONAL PLC	ENDP	Health Care
ENERGY SERVICES OF AMERICA CORP.	ESOA	Energy
ENSERVO	ENSV	Energy
ESS TECH INC (A)	GWH	Energy
EVOLV TECHNOLOGIES HOLDINGS INC (A)	EVLV	Industrials
F45 TRAINING HOLDINGS	FXLV	Consumer Discretionary
FARADAY FUTURE INTELLIGENT ELECTRIC INC	FFIE	Consumer Discretionary
FARO TECHNOLOGY	FARO	Industrials
FAT BRANDS	FATBB	Consumer Discretionary
FATHOM DIGITAL MANUFACTURING CORP (A)	FATH	Industrials
FINGERMOTION INC	FNGR	Real Estate
FINWARD BANCORP	FNWD	Financials
FOCUS UNIVERSAL	FCUV	Consumer Discretionary
FORMA THERAPEUTICS HOLDINGS	FMTX	Health Care
FUBOTV	FUBO	Telecommunications
GAMBLING.COM GROUP	GAMB	Consumer Discretionary
GAMIDA CELL LTD	GMDA	Health Care
GELESIS HOLDING INC (A)	GLS	Health Care
GENERATION BIO	GBIO	Health Care
GOLDEN MATRIX GROUP	GMGI	Consumer Discretionary
GROUPON	GRPN	Technology
GROWGENERATION	GRWG	Consumer Staples
GSE SYSTEMS	GVP	Technology
HARSCO CORP	HSC	Utilities
HARTE-HANKS	HHS	Consumer Discretionary
HELBIZ INC	HLBZ	Consumer Discretionary
HELIOGEN INC (A)	HLGN	Energy
HERON THERAPEUTICS	HRTX	Health Care
HILLEVAX	HLVX	Health Care
HIMS AND HERS HEALTH INC (A)	HIMS	Health Care
HIPPO HOLDINGS INC (A)	HIPO	Financials

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Company	Symbol	Industry
HONEST COMPANY	HNST	Consumer Staples
HOUSTON AMERICAN ENERGY	HUSA	Energy
HUMACYTE INC (A)	HUMA	Health Care
HYDROFARM HOLDINGS	HYFM	Industrials
HYLIION HOLDINGS CORP (A)	HYLN	Industrials
HYPERFINE INC	HYPR	Health Care
HYSTER-YALE MATERIALS HANDLING CL A	HY	Industrials
HYZON MOTORS INC (A)	HYZN	Industrials
IDAHO STRATEGIC RESOURCES	IDR	Basic Materials
IGM BIOSCIENCES	IGMS	Health Care
IMMUNOVANT	IMVT	Health Care
INCOME OPPORTUNITY REALTY INVESTORS	IOR	Real Estate
INDEPENDENCE CONTRACT DRILLING	ICD	Energy
INDIE SEMICONDUCTOR INC (A)	INDI	Technology
INNOVID CORP (A)	CTV	Technology
INOGEN INC	INGN	Health Care
INOVIO PHARMACEUTICALS INC	INO	Health Care
INSPIRATO INCORPORATED (A)	ISPO	Consumer Discretionary
IPSIDY INC	AUID	Technology
IRONNET INC (A)	IRNT	Technology
JASPER THERAPEUTICS INC (A)	JSPR	Health Care
JOHN MARSHALL BANCORP INC	JMSB	Financials
KALEYRA	KLR	Telecommunications
KALTURA	KLTR	Telecommunications
KATAPULT HOLDINGS INC (A)	KPLT	Industrials
KINIKSA PHARMACEUTICALS	KNSA	Health Care
KINNATE BIOPHARMA	KNTE	Health Care
KODIAK SCIENCES	KOD	Health Care
KORE GROUP HOLDINGS INC (A)	KORE	Technology
KRONOS BIO	KRON	Health Care
KULR TECHNOLOGY GROUP	KULR	Technology
LATCH INC (A)	LTCH	Industrials
LEAFLY HOLDINGS INC	LFLY	Technology
LIVEVOX HOLDINGS INC (A)	LVOX	Technology
LOCAL BOUNTI CORPORATION (A)	LOCL	Consumer Staples
LONGEVERON	LGVN	Health Care
LORDSTOWN MOTORS CORP (A)	RIDE	Consumer Discretionary
LOTTERY COM INC	LTRY	Consumer Discretionary
LOYALTY VENTURES	LYLT	Technology
MACROGENICS	MGNX	Health Care
MAMAMANCINI'S HOLDINGS INC	MMMB	Consumer Staples
MARIN SOFTWARE	MRIN	Technology
MARKETWISE INC (A)	MKTW	Financials
MARKFORGED HOLDING CORPORATION (A)	MKFG	Industrials
MARYGOLD COMPANIES	MGLD	Technology
MAXCYTE	MXCT	Health Care
MEGA MATRIX CORP	MTMT	Industrials
MEXCO ENERGY	MXC	Energy
MICROVISION INC	MVIS	Technology

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Company	Symbol	Industry
MODIV	MDV	Real Estate
MODULAR MEDICAL	MODD	Health Care
MOMENTUS INC (A)	MNTS	Industrials
MONEYLION INC (A)	ML	Industrials
MONTE ROSA THERAPEUTICS INC	GLUE	Health Care
NANO X IMAGING	NNOX	Health Care
NATIONAL ENERGY SERVICES REUNITED	NESR	Energy
NATL SECURITY	NSEC	Financials
NAUTILUS BIOTECHNOLOGY INC	NAUT	Health Care
NEENAH	NP	Basic Materials
NERDWALLET	NRDS	Technology
NERDY INC (A)	NRDY	Consumer Discretionary
NETGEAR INC.	NTGR	Telecommunications
NEXNAV INC (A)	NN	Technology
NLIGHT	LASR	Technology
NORTECH SYS	NSYS	Technology
NRX PHARMACEUTICALS INC	NRXP	Health Care
NURIX THERAPEUTICS	NRIX	Health Care
OCUGEN INC	OCGN	Health Care
OMEROS	OMER	Health Care
OMNIQ	OMQS	Technology
ON24	ONTF	Technology
OPFI INC	OPFI	Financials
OPTICAL CABLE	OCC	Telecommunications
ORIGIN MATERIALS INC (A)	ORGN	Basic Materials
ORION OFFICE REIT	ONL	Real Estate
OUSTER INC (A)	OUST	Technology
OWLET INC (A)	OWLT	Consumer Discretionary
OXBRIDGE RE HOLDINGS	OXBR	Financials
PARDES BIOSCIENCES INC (A)	PRDS	Health Care
PASSAGE BIO	PASG	Health Care
PAYA HOLDINGS INC (A)	PAYA	Industrials
PENNANT GROUP	PNTG	Health Care
PEPGEN INC	PEPG	Health Care
PERASO INC	PRSO	Technology
PERELLA WEINBERG PARTNERS	PWP	Financials
PHARMACYTE BIOTECH INC	PMCB	Health Care
PHATHOM PHARMACEUTICALS	PHAT	Health Care
PHIBRO ANIMAL HEALTH	PAHC	Health Care
PIEDMONT LITHIUM	PLL	Basic Materials
PLAYSTUDIOS INC (A)	MYPS	Consumer Discretionary
PLBY GROUP INC	PLBY	Consumer Staples
PLIANT THERAPEUTICS	PLRX	Health Care
PMV PHARMACEUTICALS	PMVP	Health Care
POINT BIOPHARMA GLOBAL INC	PNT	Health Care
POSHMARK	POSH	Consumer Discretionary
PRAXIS PRECISION MEDICINES	PRAX	Health Care
PRECIGEN	PGEN	Health Care
PRELUDE THERAPEUTICS	PRLD	Health Care

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Company	Symbol	Industry
PULMONX	LUNG	Health Care
PURPLE INNOVATION	PRPL	Consumer Discretionary
QUALTEK SERVICES INC	QTEK	Industrials
QUANERGY SYSTEMS INC (A)	QNGY	Industrials
QUANTUM COMPUTING	QUBT	Technology
QUANTUM SI INC (A)	QSI	Health Care
QUIPT HOME MEDICAL	QUIPT	Health Care
QUOTIENT TECHNOLOGY INC.	QUOT	Consumer Discretionary
RADIUS HEALTH INC	RDUS	Health Care
RE/MAX HOLDINGS	RMAX	Real Estate
REDBOX ENTERTAINMENT INC (A)	RDBX	Consumer Discretionary
REDWIRE CORP	RDW	Industrials
RENOVACOR INC	RCOR	Health Care
REPLIMUNE GROUP	REPL	Health Care
RESERVOIR MEDIA INC	RSVR	Consumer Discretionary
REV GROUP	REVG	Industrials
RHYTHM PHARMACEUTICALS	RYTM	Health Care
RIGETTI COMPUTING INC (A)	RGTI	Financials
ROCKET PHARMACEUTICALS	RCKT	Health Care
ROCKLEY PHOTONICS HOLDINGS LIMITED (A)	RKLY	Technology
ROOT	ROOT	Financials
ROVER GROUP INC (A)	ROVR	Consumer Discretionary
RUBIUS THERAPEUTICS	RUBY	Health Care
SAB BIOTHERAPEUTICS INC	SABS	Health Care
SAI TECH GLOBAL CORP (A)	SAI	Technology
SANGAMO THERAPEUTICS	SGMO	Health Care
SARCOS TECHNOLOGY AND ROBOTICS CORP (A)	STRC	Industrials
SCIENCE 37 HOLDINGS INC	SNCE	Health Care
SCULPTOR CAPITAL MANAGEMENT INC (A)	SCU	Financials
SEER	SEER	Health Care
SELECTQUOTE	SLQT	Consumer Discretionary
SEMA4 HOLDINGS CORP (A)	SMFR	Health Care
SEMLER SCIENTIFC	SMLR	Health Care
SERES THERAPEUTICS	MCRB	Health Care
SHAPEWAYS HOLDINGS INC	SHPW	Industrials
SHARECARE INC	SHCR	Health Care
SHATTUCK LABS	STTK	Health Care
SIGHT SCIENCES	SGHT	Health Care
SIGMATRON INTERNATIONAL	SGMA	Technology
SILVERBACK THERAPEUTICS	SBTX	Health Care
SKILLSOFT CORP (A)	SKIL	Industrials
SMARTRENT INC	SMRT	Technology
SOLO BRANDS	DTC	Consumer Discretionary
SONDER HOLDINGS INC	SOND	Consumer Discretionary
SONO TEK CORP	SOTK	Industrials
SORRENTO THERAPEUTICS INC	SRNE	Health Care
SPIRE GLOBAL INC (A)	SPIR	Industrials
SPLASH BEVERAGE GROUP	SBEV	Consumer Staples
STOKE THERAPEUTICS	STOK	Health Care

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Company	Symbol	Industry
SUNLIGHT FINANCIAL HOLDINGS INC (A)	SUNL	Financials
SUNOPTA INC.	STKL	Consumer Staples
SUPERIOR DRILLING PRODUCTS	SDPI	Energy
SURGEPAYS	SURG	Telecommunications
SURROZEN INC (A)	SRZN	Health Care
SYNAPTOGENIX	SNPX	Health Care
T STAMP	IDAI	Technology
TABULA RASA HEALTHCARE	TRHC	Health Care
TACTILE SYSTEMS TECHNOLOGY	TCMD	Health Care
TALKSPACE INC (A)	TALK	Health Care
TANGO THERAPEUTICS INC	TNGX	Health Care
TATTOOED CHEF INC (A)	TTCF	Consumer Staples
TELOS	TLS	Technology
TENON MEDICAL INC	TNON	Health Care
TERAWULF INC	WULF	Technology
TERRAN ORBITAL CORPORATION (A)	LLAP	Industrials
THE AARONS COMPANY	AAN	Consumer Discretionary
THE BEACHBODY COMPANY INC (A)	BODY	Technology
THE ONCOLOGY INSTITUTE INC (A)	TOI	Health Care
THE REALREAL	REAL	Consumer Discretionary
THERAVANCE BIOPHARMA	TBPH	Health Care
THREDUP	TDUP	Consumer Discretionary
TILE SHOP HOLDINGS	TTSH	Consumer Discretionary
TORRID HOLDINGS	CURV	Consumer Discretionary
TPI COMPOSITES	TPIC	Energy
TRAEGER	COOK	Consumer Discretionary
TRANSPHORM	TGAN	Technology
UPLAND SOFTWARE	UPLD	Technology
US ENERGY	USEG	Energy
VELO3D INC (A)	VLD	Industrials
VELOCITYNE LIDAR INC	VLDR	Industrials
VERVE THERAPEUTICS	VERV	Health Care
VIANTE TECHNOLOGY	DSP	Technology
VICARIOUS SURGICAL INC (A)	RBOT	Health Care
VIEW INC (A)	VIEW	Industrials
VINTAGE WINE ESTATES	VWE	Consumer Staples
VOLTA INC (A)	VLTA	Energy
VROOM	VRM	Technology
WABASH NATIONAL	WNC	Industrials
WAVEDANCER	WAVD	Technology
WEJO GROUP LIMITED (A)	WEJO	Technology
WHEELS UP EXPERIENCE INC	UP	Consumer Discretionary
WM TECHNOLOGY INC (A)	MAPS	Technology
WW INTERNATIONAL INC	WW	Consumer Discretionary
XOS INC (A)	XOS	Industrials
YEXT	YEXT	Technology
Y-MABS THERAPEUTICS	YMAB	Health Care
ZIMVIE	ZIMV	Health Care
ZIVO BIOSCIENCE	ZIVO	Consumer Staples



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ZYMERGEN	ZY	Basic Materials

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