

Reconstitution

Russell Microcap® Index - Additions

Company	Symbol	Sector
ACER THERAPEUTICS INC	ACER	Health Care
ACM RESEARCH	ACMR	Technology
AEMETIS INC	AMTX	Energy
AIR INDS GROUP INC	AIRI	Producer Durables
ALPHATEC HOLDINGS	ATEC	Health Care
AMERICAN OUTDOOR BRANDS	AOBC	Consumer Discretionary
AMPIO PHARMACEUTICALS	AMPE	Health Care
AMYRIS INC	AMRS	Materials & Processing
APOLLO MEDICAL HOLDINGS	AMEH	Health Care
APPLIED OPTOELECTRONICS	AAOI	Technology
ARBOR REALTY TRUST INC	ABR	Financial Services
ARBUTUS BIOPHARMA CORP	ABUS	Health Care
ARCIMOTO	FUV	Consumer Discretionary
ARCTURUS THERAPEUTICS	ARCT	Health Care
ARCUS BIOSCIENCES	RCUS	Health Care
ARGAN INC	AGX	Producer Durables
ASCENA RETAIL GROUP INC	ASNA	Consumer Discretionary
ASPEN GROUP INC	ASPU	Consumer Discretionary
AVEO PHARMACEUTICALS INC	AVEO	Health Care
AVID BIOSERVICES INC	CDMO	Health Care
BANK OF PRINCETON	BPRN	Financial Services
BANK OF THE ST JAMES FIN	BOTJ	Financial Services
BAYCOM CORPORATION	BCML	Financial Services
BIOHITECH GLOBAL INC	BHTG	Producer Durables
BIOLIFE SOLUTIONS INC	BLFS	Health Care
BIOMERICA INC	BMRA	Health Care
BIOXCEL THERAPEUTICS	BTAI	Health Care
BLINK CHARGING CO	BLNK	Consumer Discretionary
BOJANGLES INC	BOJA	Consumer Discretionary
BOSTON OMAHA	BOMN	Consumer Discretionary
BOWL AMERICA INC	BWL.A	Consumer Discretionary
BOXLIGHT CORP	BOXL	Technology
BRIDGEWATER BANCSHARES	BWB	Financial Services
BUSINESS FIRST BANCSHARE	BFST	Financial Services
CAESARSTONE LTD	CSTE	Materials & Processing
CALEDONIA MINING CORP	CMCL	Materials & Processing
CAMBRIDGE BANCORP	CATC	Financial Services
CAPRICOR THERAPEUTICS	CAPR	Health Care
CAPSTONE TURBINE CORP	CPST	Energy
CAREDX INC	CDNA	Health Care
CAS MED SYS INC	CASM	Health Care
CATALYST BIOSCIENCES INC	CBIO	Health Care
CATO CORP	CATO	Consumer Discretionary
CEL-SCI CORP	CVM	Health Care
CELSION CORPORATION	CLSN	Health Care
CELSIUS HOLDINGS INC	CELH	Consumer Staples
CERECOR INC	CERC	Health Care
CHAMPIONS ONCOLOGY INC	CSBR	Health Care
CHECKPOINT THERAPEUTICS	CKPT	Health Care

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CHICAGO RIVET & MACHINE	CVR	Materials & Processing
CINEDIGM DIGITAL CINEMA	CIDM	Technology
CLEARWATER PAPER CORP	CLW	Materials & Processing
COCRYSTAL PHARMA	COCP	Health Care
CODA OCTOPUS GROUP INC	CODA	Technology
COHBAR INC	CWBR	Health Care
COMMUNITY HEALTH SYSTEMS	CYH	Health Care
CONVERGEONE HOLDINGS (A)	CVON	Producer Durables
CYTRX CORP	CYTR	Health Care
DARIOHEALTH CORP	DRIO	Technology
DEPOMED INC	DEPO	Health Care
DERMIRA INC	DERM	Health Care
DOLPHIN ENTERTAINMENT IN	DLPN	Consumer Discretionary
DONNELLEY FINANCIAL	DFIN	Financial Services
DONNELLEY R R & SONS CO	RRD	Producer Durables
EASTSIDE DISTILLING INC	EAST	Consumer Discretionary
ELOXX PHARMACEUTICALS	ELOX	Health Care
ENDOLOGIX INC	ELGX	Health Care
ENERGY XXI GULF COAST	EGC	Energy
ENSERVO CORP	ENSV	Energy
ESSENDANT INC	ESND	Producer Durables
EVELO BIOSCIENCES	EVLO	Health Care
EVOFEM BIOSCIENCES INC	EVFM	Health Care
EXELA TECHNOLOGIES	XELA	Producer Durables
FAMOUS DAVES OF AMERICA	DAVE	Consumer Discretionary
FENNEC PHARMACEUTICALS	FENC	Health Care
FFBW INC	FFBW	Financial Services
FIDELITY D&D BANCORP INC	FDBC	Financial Services
FIRST CHOICE BANCORP	FCBP	Financial Services
FIRST NATIONAL COMMUNITY	FNCB	Financial Services
FIVE PRIME THERAPEUTICS	FPRX	Health Care
FORTERRA INC	FRTA	Materials & Processing
FRONT YARD RESIDENTIAL	RESI	Financial Services
FSB BANCORP INC	FSBC	Financial Services
FTE NETWORKS INC	FTNW	Technology
GENPREX INC	GNPX	Health Care
GLOBAL INDEMNITY LTD	GBLI	Financial Services
GOGO INC	GOGO	Utilities
GOODRICH PETROLEUM CORP	GDP	Energy
GOOSEHEAD INSURANCE	GSHD	Financial Services
GREENHILL & CO INC	GHL	Financial Services
GREENLIGHT CAPITAL RE LT	GLRE	Financial Services
GULFMARK OFFSHORE INC	GLF	Producer Durables
HELIUS MEDICAL TECH	HSDT	Health Care
HOMETOWN BANKSHARES CORP	HMTA	Financial Services
HOMOLOGY MEDICINES	FIXX	Health Care
IFRESH INC	IFMK	Consumer Staples
IMMUCELL CORP	ICCC	Health Care
INCOME OPP REALTY INV	IOR	Financial Services

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INFRASTRUCTURE & ENERGY	IEA	Energy
INGLES MARKETS INC	IMKTA	Consumer Staples
INSPIRE MEDICAL SYSTEMS	INSP	Health Care
INSYS THERAPEUTICS INC	INSY	Health Care
INTELLIGENT SYSTEMS CORP	INS	Technology
INTERGROUP CORP	INTG	Financial Services
INTERMOLECULAR INC	IMI	Technology
INTERNATIONAL SEAWAYS	INSW	Producer Durables
ITUS CORP	ITUS	Health Care
JERASH HOLDINGS INC	JRSH	Consumer Discretionary
JEWETT-CAMERON TRADING	JCTCF	Materials & Processing
LANDS END INC	LE	Consumer Discretionary
LANNETT CO INC	LCI	Health Care
LAZYDAYS HOLDINGS INC	LAZY	Consumer Discretionary
LEVEL ONE BANCORP INC	LEVL	Financial Services
LIVEXLIVE MEDIA	LIVX	Consumer Discretionary
LSC COMMUNICATIONS	LKSD	Producer Durables
MAM SOFTWARE GROUP INC	MAMS	Technology
MARINUS PHARMACEUTICALS	MRNS	Health Care
MEDICAL TRANSCRIPTION CP	MTBC	Health Care
MENLO THERAPEUTICS INC	MNLO	Health Care
MERIDIAN BIOSCIENCE INC	VIVO	Health Care
MOLECULAR TEMPLATES	MTEM	Health Care
MOLECULIN BIOTECH INC	MBRX	Health Care
MONSTER DIGITAL INC	INNT	Health Care
MOTUS GI HOLDINGS INC	MOTS	Health Care
MUSTANG BIO	MBIO	Health Care
MVB FINANCIAL CORP	MVBF	Financial Services
NET ELEMENT INC	NETE	Technology
NEW SR INVT GROUP INC	SNR	Financial Services
NEXTDECADE	NEXT	Energy
NII HOLDINGS INC	NIHD	Utilities
NORDIC AMERICAN TANKER	NAT	Producer Durables
NOVUME SOLUTIONS	NVMM	Producer Durables
NUVERRA ENVTL SOLUTIONS	NES	Energy
NXT ID INC	NXTD	Technology
ONCOSEC MED INC	ONCS	Health Care
OP BANCORP	OPBK	Financial Services
OPIANT PHARMACEUTICALS	OPNT	Health Care
ORAMED PHARMACEUTICALS	ORMP	Health Care
ORGENESIS INC	ORGS	Health Care
ORIGIN BANCORP	OBNK	Financial Services
OTELCO INC	OTEL	Utilities
P & F INDS INC	PFIN	Producer Durables
PAIN THERAPEUTICS IN	PTIE	Health Care
PALATIN TECHNOLOGIES INC	PTN	Health Care
PARAMOUNT GOLD NEVADA	PZG	Materials & Processing
PARETEUM	TEUM	Technology
PATRIOT NATL BANCORP INC	PNBK	Financial Services

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PDL COMMUNITY BANCORP	PDLB	Financial Services
PHH CORPORATION	PHH	Producer Durables
PRO-DEX INC	PDEX	Health Care
PROTEON THERAPEUTICS INC	PRTO	Health Care
PROTHENA CORP PLC	PRTA	Health Care
PURPLE INNOVATION INC	PRPL	Consumer Discretionary
RENT A CENTER INC	RCII	Consumer Discretionary
REWALK ROBOTICS INC	RWLK	Health Care
RF INDS LTD	RFIL	Producer Durables
RICEBRAN TECHNOLOGIES	RIBT	Consumer Staples
RIMINI STREET INC	RMNI	Technology
RIOT BLOCKCHAIN INC	RIOT	Technology
RLJ ENTERTAINMENT INC	RLJE	Consumer Discretionary
RUMBLEON INC	RMBL	Technology
SEARS HOLDINGS CORP	SHLD	Consumer Discretionary
SELLAS LIFE SCIENCES	SLS	Health Care
SENOYX INC	SNMX	Materials & Processing
SENSUS HEALTHCARE INC	SRTS	Health Care
SIGA TECHNOLOGIES INC	SIGA	Health Care
SMART & FINAL STORES INC	SFS	Consumer Staples
SMITH MICRO SOFTWARE INC	SMSI	Technology
SMTC CORP	SMTX	Technology
SOCIAL REALITY INC	SRAX	Consumer Discretionary
SOLENO THERAPEUTICS INC	SLNO	Health Care
SPARTANNASH COMPANY	SPTN	Consumer Staples
SPIRIT MTA REIT	SMTA	Financial Services
SPIRIT OF TEXAS BNC SHRES	STXB	Financial Services
STREAMLINE HEALTH	STRM	Technology
SUPERIOR DRILLING PRODS	SDPI	Energy
SUPERVALU INC	SVU	Consumer Staples
SURFACE ONCOLOGY	SURF	Health Care
SYNTHESIS ENERGY SYS INC	SES	Energy
SYPRIS SOLUTIONS INC	SYPR	Producer Durables
TANDEM DIABETES CARE INC	TNDM	Health Care
THE STREET INC	TST	Financial Services
TIDEWATER INC	TDW	Producer Durables
TILE SHOP HLDGS INC	TTS	Consumer Discretionary
TRANSENERIX INC	TRXC	Health Care
TURTLE BEACH CORP	HEAR	Technology
TYME	TYME	Health Care
ULTRA PETROLEUM CORP	UPL	Energy
UNITY BIOTECHNOLOGY	UBX	Health Care
UNIVERSAL ELECTRONICS	UEIC	Consumer Discretionary
UNUM THERAPEUTICS	UMRX	Health Care
UQM TECHNOLOGIES INC	UQM	Consumer Discretionary
VAXART INC	VXRT	Health Care
VERITIV CORPORATION	VRTV	Materials & Processing
VERU INC	VERU	Consumer Staples
VICAL INC	VICL	Health Care

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VIKING THERAPEUTICS INC	VKTX	Health Care
VILLAGE BANK AND TRUST	VBFC	Financial Services
VINCE HOLDING CORP	VNCE	Consumer Discretionary
VIRTRA INC	VTSI	Producer Durables
VIVOPOWER INTERNATIONAL	VVPR	Energy
WELLESLEY BANCORP INC	WEBK	Financial Services
WESTELL TECHNOLOGIES INC	WSTL	Technology
WILHELMINA INTL INC	WHLM	Consumer Discretionary
WINDSTREAM HOLDINGS INC	WIN	Utilities
XPLORE TECHNOLOGIES CORP	XPLR	Technology
XTANT MEDICAL HOLDINGS	XTNT	Health Care
YOUNGEVITY INTERNATIONAL	YGYI	Consumer Discretionary
ZEDGE INC	ZDGE	Technology
ZIOPHARM ONCOLOGY INC	ZIOP	Health Care
ZOMEDICA PHARMACEUTICALS	ZOM	Health Care



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