

# Reconstitution

## Russell Microcap® Index - Deletions

Company	Symbol	Sector
ADCARE HEALTH SYSTEMS	ADK	Health Care
AEMETIS INC	AMTX	Energy
AERIE PHARMACEUTICALS	AERI	Health Care
AETHLON MEDICAL INC	AEMD	Health Care
AIR INDS GROUP INC	AIRI	Producer Durables
AIR TRANSPORT SERVICES	ATSG	Producer Durables
ALLIANCE MMA INC	AMMA	Consumer Discretionary
ALLIQUA BIOMEDICAL INC	ALQA	Health Care
AMPIO PHARMACEUTICALS	AMPE	Health Care
ANTHERA PHARMACEUTICALS	ANTH	Health Care
APPLIED OPTOELECTRONICS	AAOI	Technology
ARADIGM CORP	ARDM	Health Care
ARCA BIOPHARMA INC	ABIO	Health Care
ARCADIA BIOSCIENCES INC	RKDA	Consumer Staples
ARGAN INC	AGX	Producer Durables
ARGOS THERAPEUTICS	ARGS	Health Care
ASTROTECH CORP	ASTC	Producer Durables
ATRION CORP	ATRI	Health Care
AVINGER INC	AVGR	Health Care
AVIRAGEN THERAPEUTICS	AVIR	Health Care
BANK OF THE ST JAMES FIN	BOTJ	Financial Services
BIO PATH HOLDINGS INC	BPTH	Health Care
BIOBLAST PHARMA LTD	ORPN	Health Care
BLUEPRINT MEDICINES CORP	BPMC	Health Care
BON-TON STORES INC	BONT	Consumer Discretionary
BROADVISION INC	BVSN	Technology
CAPRICOR THERAPEUTICS	CAPR	Health Care
CAPSTONE TURBINE CORP	CPST	Energy
CARDIOVASCULAR SYS INC	CSII	Health Care
CAREDX INC	CDNA	Health Care
CARETRUST REIT INC	CTRE	Financial Services
CAS MED SYS INC	CASM	Health Care
CELSION CORPORATION	CLSN	Health Care
CENTERSTATE BANKS INC	CSFL	Financial Services
CERULEAN PHARMA INC	CERU	Health Care
CHASE CORP	CCF	Materials & Processing
CHEGG INC	CHGG	Consumer Discretionary
COHERUS BIOSCIENCES	CHRS	Health Care
CORCEPT THERAPEUTICS INC	CORT	Health Care
CORMEDIX INC	CRMD	Health Care
CYTRX CORP	CYTR	Health Care
DIFFERENTIAL BRANDS GRP	DFBG	Consumer Discretionary
ECO-STIM ENERGY SOLUTION	ESES	Energy
ELDORADO RESORTS INC	ERI	Consumer Discretionary
ENTERPRISE FINL SERVICES	EFSC	Financial Services
EPLUS INC	PLUS	Technology
EXCO RESOURCES INC	XCO	Energy
EXTERRAN CORPORATION	EXTN	Energy
EXTREME NETWORKS INC	EXTR	Technology

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EYGATE PHARMACEUTICALS	EYEG	Health Care
FALCONSTOR SOFTWARE	FALC	Technology
FAMOUS DAVES OF AMERICA	DAVE	Consumer Discretionary
FEDERAL SIGNAL CORP	FSS	Producer Durables
FEMALE HEALTH CO	FHCO	Consumer Staples
FENIX PTS INC	FENX	Consumer Discretionary
FIBROCELL SCIENCE INC	FCSC	Health Care
FIRST BUSEY CORP	BUSE	Financial Services
FIVE9 INC	FIVN	Technology
FOX FACTORY HOLDING CORP	FOXF	Consumer Discretionary
FUEL TECH INC	FTEK	Producer Durables
GALENA BIOPHARMA INC	GALE	Health Care
GENERAL COMMUNICATION	GNCMA	Utilities
GLASSBRIDGE ENTERPRISES	GLA	Technology
GLOBAL BROKERAGE INC	GLBR	Financial Services
GTT COMMUNICATIONS INC	GTT	Technology
HANNON ARMSTRONG SUSTAIN	HASI	Financial Services
INDEPENDENT BK GROUP INC	IBTX	Financial Services
INTERGROUP CORP	INTG	Financial Services
INTERMOLECULAR INC	IMI	Technology
IZEA INC	IZEA	Technology
JACKSONVILLE BANCORP MD	JXSB	Financial Services
JRJR33 INC	JRJR	Consumer Discretionary
LAKELAND FINANCIAL CORP	LKFN	Financial Services
LHC GROUP INC	LHCG	Health Care
LOXO ONCOLOGY INC	LOXO	Health Care
MARATHON PATENT GROUP	MARA	Financial Services
MARINUS PHARMACEUTICALS	MRNS	Health Care
MERCURY SYSTEMS INC	MRCY	Technology
MERIT MED SYSTEMS INC	MMSI	Health Care
MINDBODY INC	MB	Technology
MOLECULIN BIOTECH INC	MBRX	Health Care
MONMOUTH REAL ESTATE	MNR	Financial Services
NAVIDEA BIOPHARMA INC	NAVB	Health Care
NII HOLDINGS INC	NIHD	Utilities
NOVANTA INC	NOVT	Technology
NUTRI SYSTEM INC	NTRI	Consumer Discretionary
OCLARO INC	OCLR	Technology
OHR PHARMACEUTICAL INC	OHRP	Health Care
ONCOSEC MED INC	ONCS	Health Care
P & F INDS INC	PFIN	Producer Durables
PACIFIC PREMIER BANCORP	PPBI	Financial Services
PAIN THERAPEUTICS IN	PTIE	Health Care
PATRICK INDS INC	PATK	Materials & Processing
PATRIOT NATL BANCORP INC	PNBK	Financial Services
PERFUMANIA HOLDINGS INC	PERF	Consumer Discretionary
PHASERX INC	PZRX	Health Care
PROTEON THERAPEUTICS INC	PRTO	Health Care
QUMU CORPORATION	QUMU	Technology

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Company	Symbol	Sector
RAVE RESTAURANT GROUP	RAVE	Consumer Discretionary
RENTECH INC	RTK	Materials & Processing
REPROS THERAPEUTICS INC	RPRX	Health Care
SANDY SPRING BANCORP	SASR	Financial Services
SAPIENS INTL CORP NV	SPNS	Technology
SENOMYX INC	SNMX	Materials & Processing
SENSUS HEALTHCARE INC	SRTS	Health Care
SILICOM LTD	SILC	Technology
SJW GROUP	SJW	Utilities
SOUTHSIDE BANCSHARES INC	SBSI	Financial Services
STANLEY FURNITURE CO INC	STLY	Consumer Discretionary
STATE BK FINL CORP	STBZ	Financial Services
STEWART INFORMATION	STC	Financial Services
STRAIGHT PATH COMM INC	STRP	Utilities
STRAYER EDUCATION INC	STRA	Consumer Discretionary
SYNTHESIS ENERGY SYS INC	SYMX	Energy
SYNTHETIC BIOLOGICS INC	SYN	Health Care
TANDEM DIABETES CARE INC	TNDM	Health Care
TELADOC INC	TDOC	Health Care
TENAX THERAPEUTICS INC	TENX	Health Care
TERRAVIA HOLDINGS	TVIA	Energy
THESTREET INC	TST	Financial Services
TIDEWATER INC	TDW	Producer Durables
TIVITY HEALTH INC	TVTY	Health Care
TOP IMAGE SYSTEMS LTD	TISA	Technology
TRANSENERIX INC	TRXC	Health Care
TROVAGENE INC	TROV	Health Care
TURTLE BEACH CORP	HEAR	Technology
UNI PIXEL INC	UNXL	Technology
VICAL INC	VICL	Health Care
VINCE HOLDING CORP	VNCE	Consumer Discretionary
WALKER & DUNLOP INC	WD	Financial Services
WECAST NETWORK INC	WCST	Consumer Discretionary
WELLESLEY BANCORP INC	WEBK	Financial Services
WESTELL TECHNOLOGIES INC	WSTL	Technology
WILHELMINA INTL INC	WHLM	Consumer Discretionary
XENCOR INC	XNCR	Health Care
XPLORE TECHNOLOGIES CORP	XPLR	Technology
ZEDGE INC	ZDGE	Technology

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