

Reconstitution

Russell 3000® Index - Additions

Company	Symbol	Sector
ACACIA COMMUNICATIONS	ACIA	Technology
ACELRX PHARMACEUTICALS	ACRX	Health Care
ACNB CORP	ACNB	Financial Services
AGROFRESH SOLUTIONS INC	AGFS	Materials & Processing
ALJ REGIONAL HOLDINGS	ALJJ	Producer Durables
ALLIANCE ONE INTL INC	AOI	Consumer Staples
AMERICAN INDEPENDENCE	AMIC	Financial Services
AMERICAN RENAL ASSOC HLD	ARA	Health Care
AMERICAN SUPERCONDUCTOR	AMSC	Producer Durables
AMPCO-PITTSBURGH CORP	AP	Materials & Processing
AMPIO PHARMACEUTICALS	AMPE	Health Care
ANAVEX LIFE SCIENCES	AVXL	Health Care
AQUA METALS INC	AQMS	Producer Durables
ARGOS THERAPEUTICS	ARGS	Health Care
ATHERSYS INC	ATHX	Health Care
ATLANTIC CAPITAL INC	ACBI	Financial Services
AUTOBYTEL INC	ABTL	Technology
AVENUE FINANCIAL HLDGS	AVNU	Financial Services
AVINGER INC	AVGR	Health Care
AXOGEN INC	AXGN	Health Care
AXSOME THERAPEUTICS INC	AXSM	Health Care
B. RILEY FINANCIAL INC	RILY	Financial Services
BANKWELL FINL GROUP INC	BWFG	Financial Services
BIO PATH HOLDINGS INC	BPTH	Health Care
BLUE CAPITAL REINSURANCE	BCRH	Financial Services
C & F FINANCIAL CORP	CFFI	Financial Services
CAESARSTONE SDOT-YAM LTD	CSTE	Materials & Processing
CALIFORNIA FIRST NATL	CFNB	Financial Services
CAROLINA FINL CORP	CARO	Financial Services
CELATOR PHARMACEUTICALS	CPXX	Health Care
CENTRAL GARDEN & PET CO	CENT	Consumer Discretionary
CENTRAL VALLEY CMNTY	CVCY	Financial Services
CENTURY CASINOS INC	CNTY	Consumer Discretionary
CHEMUNG FINL CORP	CHMG	Financial Services
CHROMADEX CORP	CDXC	Materials & Processing
CITY OFFICE REIT INC	CIO	Financial Services
CODEXIS INC	CDXS	Health Care
CODORUS VY BANCORP INC	CVLY	Financial Services
COMMUNITY HEALTHCARE TR	CHCT	Financial Services
COMPX INTERNATIONAL INC	CIX	Materials & Processing
CORVUS PHARMACEUTICALS	CRVS	Health Care
COSTAMARE INC	CMRE	Producer Durables
COTIVITI HOLDINGS INC	COTV	Health Care
CSW INDUSTRIALS INC	CSWI	Producer Durables
DAWSON GEOPHYSICAL CO	DWSN	Energy
DEL TACO RESTAURANTS INC	TACO	Consumer Discretionary
DELTA APPAREL INC	DLA	Consumer Discretionary
DELTA NATURAL GAS INC	DGAS	Utilities
DYNAMIC MATERIALS CORP	BOOM	Materials & Processing

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EGALET CORPORATION	EGLT	Health Care
EIGER BIOPHARMACEUTICALS	EIGR	Health Care
ELECTRO SCIENTIFIC INDS	ESIO	Technology
ENERGIOUS CORP	WATT	Producer Durables
ENERGY RECOVERY INC	ERII	Producer Durables
ENZO BIOCHEM INC	ENZ	Health Care
ESSA BANCORP INC	ESSA	Financial Services
EXA CORP	EXA	Technology
FARMERS NATL BANC CORP	FMNB	Financial Services
FARMLAND PARTNERS INC	FPI	Financial Services
FBR & CO	FBRC	Financial Services
FIRST COMMUNITY FINL INC	FCFP	Financial Services
FIRST FINL NORTHWEST	FFNW	Financial Services
FIRST FNDTN INC	FFWM	Financial Services
FIRST INTERNET BANCORP	INBK	Financial Services
FIRST MID ILL BANCSHARES	FMBH	Financial Services
FIRST NORTHWEST BANCORP	FNWB	Financial Services
FORTRESS BIOTECH INC	FBIO	Health Care
GAIAM INC	GAIA	Consumer Discretionary
GENCOR INDUSTRIES INC	GENC	Producer Durables
GIGPEAK INC	GIG	Technology
GLOBAL NET LEASE INC	GNL	Financial Services
GLOBAL SOURCES LTD	GSOL	Producer Durables
GLOBAL WATER RESOURCES	GWRS	Utilities
GLYCOMIMETICS INC	GLYC	Health Care
GMS INC	GMS	Materials & Processing
GOLD RESOURCE CORP	GORO	Materials & Processing
GOLDEN ENTERTAINMENT INC	GDEN	Consumer Discretionary
GREENE COUNTY BANCORP	GCBC	Financial Services
GREIF INC	GEF.B	Materials & Processing
GRIFFIN INDUSTRIAL RLTY	GRIF	Financial Services
HARDINGE INC	HDNG	Producer Durables
HENNESSY ADVISORS INC	HNNA	Financial Services
HIGHER ONE HLDGS INC	ONE	Financial Services
HOME BANCORP INC	HBCP	Financial Services
HORIZON PHARMA PLC	HZNP	Health Care
IDI INC	IDI	Consumer Discretionary
IES HOLDINGS INC	IESC	Producer Durables
INFORMATION SERVICES GRP	III	Producer Durables
INOTEK PHARMACEUTICALS	ITEK	Health Care
INTELLA THERAPEUTICS INC	NTLA	Health Care
INVESTORS TITLE CO	ITIC	Financial Services
IRIDEX CORP	IRIX	Health Care
LAKE SUNAPEE BANK GROUP	LSBG	Financial Services
LAYNE CHRISTENSEN CO	LAYN	Producer Durables
LCNB CORP	LCNB	Financial Services
LIFEVANTAGE CORP	LFVN	Consumer Staples
LINDBLAD EXPEDITIONS INC	LIND	Consumer Discretionary
LIPOCINE INC	LPCN	Health Care

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LUBYS INC	LUB	Consumer Discretionary
MACATAWA BANK CORP	MCBC	Financial Services
MAJESCO	MJCO	Technology
MANNING & NAPIER INC	MN	Financial Services
MAXWELL TECHNOLOGIES INC	MXWL	Producer Durables
MBT FINL CORP	MBTF	Financial Services
MEDICINOVA INC	MNOV	Health Care
MEETME INC	MEET	Technology
MIDDLEBURG FINANCIAL	MBRG	Financial Services
MIDLAND STATES BANCORP	MSBI	Financial Services
MINERVA NEUROSCIENCES	NERV	Health Care
MITEK SYS INC	MITK	Technology
MONARCH FINANCIAL HLDGS	MNRK	Financial Services
MUTUALFIRST FINL INC	MFSF	Financial Services
NATHANS FAMOUS INC	NATH	Consumer Discretionary
NCI INC	NCIT	Technology
NII HOLDINGS INC	NIHD	Utilities
NORTHRIM BANCORP INC	NRIM	Financial Services
NUMEREX CORP	NMRX	Technology
OLD LINE BANCSHARES INC	OLBK	Financial Services
ORRSTOWN FINL SVCS INC	ORRF	Financial Services
OVERSEAS SHIPHOLDING GRO	OSG	Producer Durables
OWENS RLTY MTG INC	ORM	Financial Services
PACIFIC MERCANTILE BANCO	PMBC	Financial Services
PHARMATHENE INC	PIP	Health Care
PHOENIX COMPANIES INC	PNX	Financial Services
PJT PARTNERS INC	PJT	Financial Services
PLANET PAYMENT INC	PLPM	Financial Services
PREMIER FINL BANCORP INC	PFBI	Financial Services
PRIMO WTR CORP	PRMW	Consumer Staples
PROTEOSTASIS THERA INC	PTI	Health Care
PROVIDENT BANCORP INC	PVBC	Financial Services
PROVIDENT FINL HLDGS INC	PROV	Financial Services
RADIO ONE INC	ROIAK	Consumer Discretionary
RADISYS CORP	RSYS	Technology
REATE PHARMACEUTICALS	RETA	Health Care
RED LION HOTELS CORP	RLH	Consumer Discretionary
RED ROCKS RESORTS INC	RRR	Consumer Discretionary
REPUBLIC FIRST BANCORP	FRBK	Financial Services
RIGHTSIDE GROUP LTD	NAME	Technology
ROSETTA STONE INC	RST	Consumer Discretionary
RUSH ENTERPRISES INC	RUSHB	Producer Durables
SALEM MEDIA GROUP INC	SALM	Consumer Discretionary
SEARS HOMETOWN OUTLET	SHOS	Consumer Discretionary
SECUREWORKS CORP	SCWX	Technology
SENSEONICS HOLDINGS INC	SENS	Health Care
SERITAGE GROWTH PROP	SRG	Financial Services
SHORE BANCSHARES INC	SHBI	Financial Services
SI FINANCIAL GROUP	SIFI	Financial Services

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SILICOM LTD	SILC	Technology
SILVERCREST ASSET MNGMT	SAMG	Financial Services
SITEONE LANDSCAPE SUPPLY	SITE	Consumer Discretionary
SOUTHERN FIRST BANCSHARE	SFST	Financial Services
SOUTHERN MO BANCORP INC	SMBC	Financial Services
SOUTHERN NATL BANCORP	SONA	Financial Services
SPARTAN MOTORS INC	SPAR	Producer Durables
STRATUS PPTYS INC	STRS	Financial Services
SUMMIT FINANCIAL GROUP	SMMF	Financial Services
SUPREME INDS INC	STS	Producer Durables
SYMMETRY SURGICAL INC	SSRG	Health Care
SYNDAX PHARMACEUTICALS	SNDX	Health Care
SYNTHETIC BIOLOGICS INC	SYN	Health Care
TIER REIT INC	TIER	Financial Services
TITAN PHARMACEUTICALS	TTNP	Health Care
TRANSOCEAN LTD	RIG	Energy
TRINITY PLACE HOLDINGS	TPHS	Financial Services
TURNING POINT BRANDS INC	TPB	Consumer Staples
UCP INC	UCP	Financial Services
UFP TECHNOLOGIES INC	UFPT	Materials & Processing
UNION BANKSHARES INC	UNB	Financial Services
UNIQUE FABRICATING INC	UFAB	Consumer Discretionary
US FOODS HOLDING CORP	USFD	Consumer Staples
USA TECHNOLOGIES INC	USAT	Technology
USMD HLDGS INC	USMD	Health Care
VALUE LINE INC	VALU	Financial Services
VERITEX HOLDINGS	VBTX	Financial Services
VIEWRAY INC	VRAY	Health Care
WASHINGTONFIRST BANK INC	WFBI	Financial Services
WAVE LIFE SCIENCES LTD	WVE	Health Care
WESTFIELD FINANCIAL INC	WFD	Financial Services
WILLBROS GROUP INC	WG	Energy
WILLIS LEASE FINANCE	WLFC	Producer Durables
WINS FINANCE HOLDINGS	WINS	Financial Services
WMIH CORP	WMIH	Financial Services
WORKHORSE GROUP INC	WKHS	Producer Durables
YOUR CMNTY BANKSHARES	YCB	Financial Services



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