

An LSEG Business

### Russell 3000® Index - Additions

Company	Symbol	Industry
Company		Industry
374WATER INC	SCWO	Industrials
89BIO	ETNB	Health Care
ACACIA RESEARCH CORP	ACTG	Industrials
ACCURAY INC	ARAY	Health Care
ACTINIUM PHARMACEUTICALS	ATNM	Health Care
AEHR TEST SYSTEMS	AEHR	Technology
ALDEYRA THERAPEUTICS INC	ALDX	Health Care
ALLAKOS INC	ALLK	Health Care
ALPINE INCOME PROPERTY T	PINE	Real Estate
ALTI GLOBAL INC	ALTI	Financials
ALTIMMUNE INC	ALT	Health Care
AMES NATL CORP	ATLO	Financials
AMPRIUS TECHNOLOGIES	AMPX	Industrials
ANNEXON	ANNX	Health Care
ARDELYX INC	ARDX	Health Care
ARS PHARMACEUTICALS INC	SPRY	Health Care
ASSERTIO HOLDINGS INC	ASRT	Health Care
AST SPACEMOBILE INC (A)	ASTS	Telecommunications
ASTRIA THERAPEUTICS INC	ATXS	Health Care
ASURE SOFTWARE INC	ASUR	Technology
ATLAS ENERGY SOLUTIONS I	AESI	Energy
AURORA INNOVATION (A)	AUR	Industrials
AVITA MEDICAL INC	RCEL	Health Care
BANK7 CORP	BSVN	Financials
BEL FUSE INC	BELFB	Telecommunications
BERKE & HERBERT BANK & T	BHRB	Financials
BEYOND AIR INC	XAIR	Health Care
BIGBEAR AI HOLDINGS CORP	BBAI	Technology
BIOATLA	BCAB	Health Care
BIOMEA FUSION	BMEA	Health Care
BIOTE CORP	BTMD	Health Care
BIOVIE	BIVI	Health Care
BIT DIGITAL INC	ВТВТ	Technology
BLACKSKY TECHNOLOGY (A)	BKSY	Industrials
BOWMAN CONSULTING GROUP	BWMN	Industrials
BRAZE	BRZE	Technology
BRIGHT GREEN	BGXX	Health Care
C & F FINANCIAL CORP	CFFI	Financials
CABALETTA BIO	CABA	Health Care
CADIZ INC	CDZI	Utilities
CALEDONIA MINING CORP	CMCL	Basic Materials
CARROLS RESTAUDANT ORR	CARM	Health Care
CARROLS RESTAURANT GRP	TAST	Consumer Discretionary
CECO ENVIRONMENTAL CORP	CECO	Industrials
CELCUITY	CELC	Health Care
CENTRAL VALLEY CMNTY	CVCY	Financials
CHEMUNG FINL CORP	CHMG	Financials
CHOICEONE FINANCIAL SERV	COFS	Financials
CITIUS PHARMACEUTICALS	CTXR	Health Care

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Company	Symbol	Industry
CITIZENS FINANCIAL S	CZFS	Financials
CLEARPOINT NEURO INC	CLPT	Health Care
CLIMB GLOBAL SOLUTIONS	CLMB	Consumer Discretionary
CNH INDUSTRIAL N.V.	CNHI	Industrials
CODORUS VY BANCORP INC	CVLY	Financials
COMMERCIAL VEH GROUP INC	CVGI	Industrials
COMMUNITY FINL CORP MD	TCFC	Financials
COMPASS THERAPEUTICS	CMPX	Health Care
CONSOLIDATED WATER CO	cwco	Utilities
CONTANGO ORE INC	CTGO	Basic Materials
COOPER STD HLDGS INC	CPS	Consumer Discretionary
CORE LABORATORIES	CLB	Energy
CORE MOLDING TECHN	СМТ	Industrials
CORECARD CORP	CCRD	Technology
CORMEDIX INC	CRMD	Health Care
COUPANG	CPNG	Consumer Discretionary
CPI CARD GROUP INC	PMTS	Industrials
CRICUT	CRCT	Consumer Discretionary
CUE BIOPHARMA INC	CUE	Health Care
CVRX	CVRX	Health Care
CXAPP INC	CXAI	Technology
CYMABAY THERAPEUTICS INC	CBAY	Health Care
DAKTRONICS INC	DAKT	Technology
DISC MEDICINE INC	IRON	Health Care
DOLE PLC	DOLE	Consumer Staples
DRAGONFLY ENERGY (A)	DFLI	Industrials
EMERALD HOLDING INC	EEX	Consumer Discretionary
ENCORE ENERGY SYSTEM	EU	Basic Materials
ENLIVEN THERAPEUTICS INC	ELVN	Health Care
ENTRADA THERAPEUTICS	TRDA	Health Care
ENVELA	ELA	Consumer Discretionary
EOS ENERGY (A)	EOSE	Industrials
ESCALADE INC	ESCA	Consumer Discretionary
ESSA BANCORP INC	ESSA	Financials
EVANS BANCORP INC	EVBN	Financials
EVE HOLDING INC (A)	EVEX	Industrials
EVI INDUSTRIES	EVI	Industrials
EVOLUTION PETROLEUM CORP	EPM	Energy
EXPENSIFY	EXFY	Technology
EYENOVIA INC	EYEN	Health Care
FENNEC PHARMACEUTICALS	FENC	Health Care
FERGUSON PLC	FERG	Industrials
FIDELITY D&D BANCORP INC	FDBC	Financials
FIESTA RESTAURANT GROUP	FRGI	Consumer Discretionary
FIRST CMNTY CORP SC	FCCO	Financials
FISCAL NOTE HOLDINGS (A)	NOTE	Technology
FORAFRIC GLOBAL PLC	AFRI	Consumer Staples
FORGE GLOBAL HOLDING (A)	FRGE	Financials
FORUM ENERGY TECH	FET	Energy



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Company	Symbol	Industry
FRESHWORKS	FRSH	Technology
FS BANCORP INC	FSBW	Financials
FTAI AVIATION	FTAI	Industrials
FTAI INFRASTRUCTURE INC	FIP	Industrials
GENCOR INDUSTRIES INC	GENC	Industrials
GENELUX CORP	GNLX	Health Care
GENIE ENERGY LTD	GNE	Utilities
GITLAB	GTLB	Technology
GLOBAL BUSINESS TRAVEL	GBTG	Industrials
GOHEALTH	GOCO	Financials
GRANITE RIDGE RESOUR (A)	GRNT	Energy
GRAPHITE BIO	GRPH	Health Care
GRINDR INC	GRND	Technology
GRITSTONE BIO INC	GRTS	Health Care
HALLADOR ENERGY CO	HNRG	Energy
HARROW HEALTH INC.	HROW	Health Care
HARVARD BIOSCIENCE INC	HBIO	Health Care
HASHICORP	HCP	Technology
HIMALAYA SHIPPING LTD	HSHP	Industrials
HIREQUEST INC.	HQI	Industrials
HOOKER FURNISHINGS CORP	HOFT	Consumer Discretionary
I-80 GOLD CORP (NYSE AME	IAUX	Basic Materials
ICON PLC	ICLR	Health Care
IKENA ONCOLOGY	IKNA	Health Care
IMMERSION CORP	IMMR	Technology
IMMUNEERING	IMRX	Health Care
INFUSYSTEM HLDGS INC	INFU	Health Care
INMODE	INMD	Health Care
INNODATA INC	INOD	
INNOVATE CORP	VATE	Technology Industrials
INOZYME PHARMA	INZY	Health Care
INTEST CORP	INTT	
INTEVAC INC	IVAC	Technology
ISPIRE TECHNOLOGY INC	ISPR	Technology Industrials
ITERIS INC	ITI	Industrials
JAKKS PACIFIC INC	JAKK	Consumer Discretionary  Consumer Discretionary
JJILL INC	JILL	Telecommunications
KALTURA	KLTR	
KINGSWAY FINANCIAL SERV	KFS	Financials
KLX ENERGY SERVICES	KLXE	Energy
KORU MEDICAL SYSTEMS INC	KRMD	Health Care
KVH INDUSTRIES INC	KVHI	Telecommunications
LANZATECH GLOBAL	LNZA	Basic Materials
LARIMAR THERAPEUTICS INC	LRMR	Health Care
LAZYDAYS HOLDINGS INC	LAZY	Consumer Discretionary
LCNB CORP	LCNB	Financials
LEONARDO DRS INC	DRS	Industrials
LIBERTY TRIPADVISOR HOLD  LIMBACH HOLDINGS INC	LTRPB	Consumer Discretionary
	LMB	Industrials



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Company	Symbol	Industry
LIMONEIRA CO	LMNR	Consumer Staples
LINCOLN EDUCATIONAL SVS	LINC	Consumer Discretionary
LINEAGE CELL THERAPEUTIC	LCTX	Health Care
LIVEWIRE GROUP INC	LVWR	Consumer Discretionary
LONGBOARD PHARMACEUTICAL	LBPH	Health Care
LOOP MEDIA INC	LPTV	Consumer Discretionary
LSI INDUSTRIES INC	LYTS	Industrials
LUNA INNOVATIONS INC	LUNA	Industrials
MAIDEN HOLDINGS LTD	MHLD	Financials
MAINSTREET BANCSHARES	MNSB	Financials
MAMMOTH ENERGY SERVICES	TUSK	Energy
MARINUS PHARMACEUTICALS	MRNS	Health Care
MAUI LAND & PINEAPPLE CO	MLP	Real Estate
MAXEON SOLAR TECHNOLOGIE	MAXN	Energy
MAYVILLE ENGINEERING	MEC	Industrials
MERRIMACK PHARMACEUTICAL	MACK	Health Care
MIDDLEFIELD BANC CORP	MBCN	Financials
MISTRAS GROUP INC	MG	Industrials
MONDEE HOLDINGS INC (A)	MOND	Consumer Discretionary
NATHANS FAMOUS INC	NATH	Consumer Discretionary
NATIONAL BANKSHARES INC	NKSH	Financials
NAVITAS SEMI CORP (A)	NVTS	Technology
NEWTEKONE INC	NEWT	Financials
NEXPOINT DIVERSIFIED REA	NXDT	Financials
NEXTDOOR HOLDINGS INC	KIND	Technology
NIOCORP DEVELOPMENTS LTD	NB	Basic Materials
NORTHEAST COMMUNITY BANC	NECB	Financials
NORTHRIM BANCORP INC	NRIM	Financials
NORWOOD FINANCIAL CORP	NWFL	Financials
NU HOLDINGS	NU	Industrials
NUVECTIS PHARMA	NVCT	Health Care
NVE CORP	NVEC	Technology
OAK VALLEY BANCORP	OVLY	Financials
OCEAN BIOMEDICAL INC	OCEA	Health Care
OCWEN FINANCIAL CORP	OCN	Financials
OIL DRI CORP OF AMERICA	ODC	Consumer Staples
OLEMA PHARMACEUTICALS	OLMA	Health Care
OMEGA THERAPEUTICS	OMGA	Health Care
OMEROS CORP	OMER	Health Care
OPTINOSE INC	OPTN	Health Care
ORANGE COUNTY BANCORP	ОВТ	Financials
ORCHESTRA BIOMED HOLDING	OBIO	Health Care
ORIC PHARMACEUTICALS	ORIC	Health Care
OVERSEAS SHIPHOLDING INC	OSG	Industrials
OVID THERAPEUTICS INC	OVID	Health Care
P10	PX	Financials
PAGSEGURO DIGITAL LTD	PAGS	Industrials
PANGAEA LOGS SOLUTIONS	PANL	Industrials
PARK OHIO HOLDINGS CORP	РКОН	Industrials



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Company	Symbol	Industry
PATRIA INVESTMENTS	PAX	Financials
PAYSIGN INC	PAYS	Industrials
PDS BIOTECHNOLOGY CORP	PDSB	Health Care
PEAKSTONE REALTY TRUST	PKST	Real Estate
PENNS WOODS BANCORP INC	PWOD	Financials
PERFORMANT FINANCIAL COR	PFMT	Industrials
PERPETUA RESOURCES	PPTA	Basic Materials
PLAYAGS INC	AGS	Consumer Discretionary
PLIANT THERAPEUTICS	PLRX	Health Care
PLUMAS BANCORP	PLBC	Financials
PONCE FINANCIAL GROUP	PDLB	Financials
POSEIDA THERAPEUTICS	PSTX	Health Care
POTBELLY CORPORATION	PBPB	Consumer Discretionary
PRELUDE THERAPEUTICS	PRLD	Health Care
PRESTO AUTOMATIONS INC	PRST	Technology
PRIMEENERGY RESOURCES	PNRG	Energy
PRINCETON BANCORP INC	BPRN	Financials
PROKIDNEY CORP (A)	PROK	Health Care
PROTALIX BIO THERA	PLX	Health Care
PULSE BIOSCIENCES INC	PLSE	Health Care
QUIPT HOME MEDICAL CORP	QIPT	Health Care
QURATE RETAIL INC	QRTEB	Consumer Discretionary
RAIN ONCOLOGY INC	RAIN	Health Care
RANGER ENERGY SERVICES	RNGR	Energy
RED ROBIN GOURMET BURGER	RRGB	Consumer Discretionary
RENEO PHARMACEUTICALS	RPHM	Health Care
RGC RES INC	RGCO	Utilities
RHYTHM PHARMACEUTICALS	RYTM	Health Care
RICHARDSON ELECTRONICS	RELL	Technology
ROIVANT SCIENCES LTD (A)	ROIV	Health Care
SANARA MEDTECH	SMTI	Health Care
SAVARA INC	SVRA	Health Care
SCHOLAR ROCK HOLDING	SRRK	Health Care
SCPHARMACEUTICALS INC	SCPH	Health Care
SEACOR MARINE HOLDINGS	SMHI	Energy
SEADRILL LTD NYSE	SDRL	Energy
SECURITY NATL FINL CORP	SNFCA	Financials
SELECTA BIOSCIENCES INC	SELB	Health Care
SEMLER SCIENTIFIC INC	SMLR	Health Care
SEMRUSH HOLDINGS	SEMR	Technology
SES AI CORPORATION	SES	Consumer Discretionary
SKYX PLATFORMS CORP	SKYX	Industrials
SOUNDHOUND AI INC	SOUN	Technology
SOUTHERN STATES BANCSHAR	SSBK	Financials
SOUTHERN STATES BANCSHAR SOUTHLAND HOLDINGS INC	SLND	Industrials
SPOK HOLDINGS INC	SPOK	Telecommunications
SPRINKLR	CXM	Technology
SUMMIT THERAPEUTICS INC	SMMT	Health Care
SUPER GROUP SGHC LTD	SGHC	Consumer Discretionary
OUI EN GROUF SUITO ETD	JGHO	Consumer Discretionary



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Company	Symbol	Industry
SYSTEM1 INC (A)	SST	Technology
TARO PHARM INDS	TARO	Health Care
TECHNIPFMC	FTI	Energy
TELA BIO	TELA	Health Care
TERNS PHARMACEUTICALS	TERN	Health Care
TIMBERLAND BANCORP INC	TSBK	Financials
TINGO GROUP INC	TIO	Industrials
TOWNSQUARE MEDIA INC	TSQ	Consumer Discretionary
TPG PARTNERS LLC	TPG	Financials
TREVI THERAPEUTICS	TRVI	Health Care
UNITED HOMES GROUP INC	UHG	Consumer Discretionary
UNITED INS HLDGS CORP	UIHC	Financials
UROGEN PHARMA	URGN	Health Care
US XPRESS ENTERPRISES	USX	Industrials
VAXXINITY	VAXX	Health Care
VERA BRADLEY INC	VRA	Consumer Discretionary
VERDE CLEAN FUELS INC	VGAS	Energy
VERRICA PHARMACEUTICALS	VRCA	Health Care
VIEMED HEALTHCARE	VMD	Health Care
VIGIL NEUROSCIENCE	VIGL	Health Care
VIKING THERAPEUTICS INC	VKTX	Health Care
VIRGINIA NATIONAL BANKSH	VABK	Financials
VOR BIOPHARMA	VOR	Health Care
VOXX INTERNATIONAL CORP	VOXX	Consumer Discretionary
VOYAGER THERAPEUTICS INC	VYGR	Health Care
WALDENCAST PLC (A)	WALD	Consumer Staples
WAVE LIFE SCIENCES LTD	WVE	Health Care
WESTROCK COFFEE CO (A)	WEST	Consumer Staples
WILLIS LEASE FINANCE	WLFC	Industrials
X4 PHARMACEUTICALS INC	XFOR	Health Care
XOMA CORP	XOMA	Health Care
XP	XP	Financials
ZEVIA PBC	ZVIA	Consumer Staples
ZEVRA THERAPEUTICS INC	ZVRA	Health Care
ZURA BIO LTD	ZURA	Health Care
ZYMEWORKS	ZYME	Health Care



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