

An LSEG Business

Russell Microcap® Index - Additions

Company	Symbol	Industry
2U INC	TWOU	Consumer Discretionary
374WATER INC	SCWO	Industrials
8X8 INC NEW	EGHT	Telecommunications
ABEONA THERAPEUTICS INC	ABEO	Health Care
ADV SOLUTIONS INC (A)	ADV	Industrials
AKLIL INC (A)	AKLI	Industrials
ALTI GLOBAL INC	ALTI	Financials
ALTISOURCE ASSET MGMT	AAMC	Financials
AMPLICTECH	AMPG	Industrials
AMPRIUS TECHNOLOGIES	AMPX	Industrials
AMYRIS INC	AMRS	Basic Materials
APPTECH PAYMENTS CORP	APCX	Industrials
AVALO THERAPEUTICS INC	AVTX	Health Care
BACKBLAZE	BLZE	Technology
BELLEROPHON THERA INC	BLPH	Health Care
BERKE & HERBERT BANK & T	BHRB	Financials
BIG LOTS INC	BIG	Consumer Discretionary
BIGBEAR AI HOLDINGS CORP	BBAI	Technology
BIOCARDIA	BCDA	Health Care
BIOSIG TECHNOLOGIES INC	BSGM	Health Care
BIOTE CORP	BTMD	Health Care
BRIGHT GREEN	BGXX	Health Care
BRIGHTVIEW HOLDINGS INC	BV	Industrials
CARDLYTICS INC	CDLX	Consumer Discretionary
CAREDX INC	CDNA	Health Care
CARISMA THERAPEUTICS INC	CARM	Health Care
CASTELLUM INC	CTM	
CERUS CORP	CERS	Consumer Discretionary
CIDARA THERAPEUTICS INC	CDTX	Health Care Health Care
CLEAN ENERGY TECHNOLOGIE	CETY	Utilities
CLEARONE INC COHEN AND COMPANY	CLRO	Telecommunications Financials
		Basic Materials
CONTANGO ORE INC CORBUS PHARMACEUTICALS	CTGO CRBP	
		Health Care
COSMOS HEALTH INC	COSM	Consumer Staples
CPI AEROSTRUCTURES INC	CVU	Industrials
CS DISCO	LAW	Industrials
CUE HEALTH	HLTH	Health Care
CXAPP INC	CXAI	Technology
DATA IO CORP	DAIO	Technology
DAVE INC	DAVE	Financials
DRAGONFLY ENERGY (A)	DFLI	Industrials
DURECT CORP	DRRX	Health Care
EBIX INC	EBIX	Technology
EMAGIN CORP	EMAN	Technology
EMBARK TECHNOLOGY	EMBK	Technology
EMERGENT BIOSOLUTIONS	EBS	Health Care
ENCORE ENERGY SYSTEM	EU	Basic Materials
ENERGY VAULT HLDGS (A)	NRGV	Energy

ftserussell.com 1



An LSEG Business

Russell Microcap® Index - Additions

Trabbell Milorocape illack	7 1010111101110	
Company	Symbol	Industry
ENVIROTECH VEHICLES	EVTV	Consumer Discretionary
ERASCA	ERAS	Health Care
EXPENSIFY	EXFY	Technology
EXPION360	XPON	Industrials
FISCAL NOTE HOLDINGS (A)	NOTE	Technology
FORAFRIC GLOBAL PLC	AFRI	Consumer Staples
FORGE GLOBAL HOLDING (A)	FRGE	Financials
FTAI INFRASTRUCTURE INC	FIP	Industrials
GALECTO	GLTO	Health Care
GAMESQUARE HOLDINGS INC	GAME	Financials
GLYCOMIMETICS INC	GLYC	Health Care
GOHEALTH	GOCO	Financials
GRANITE RIDGE RESOUR (A)	GRNT	Energy
HAWAIIAN HOLDINGS INC	HA	Consumer Discretionary
HIMALAYA SHIPPING LTD	HSHP	Industrials
HOF RSRT AND ENT COM (A)	HOFV	Consumer Discretionary
HOLLEY INC (A)	HLLY	Consumer Discretionary
I-80 GOLD CORP (NYSE AME	IAUX	Basic Materials
IF BANCORP INC	IROQ	Financials
IHEARTMEDIA	IHRT	Consumer Discretionary
IMMIX BIOPHARMA	IMMX	Health Care
INDUSTRIAL LOGISTICS	ILPT	Real Estate
INVITAE CORPORATION	NVTA	Health Care
ISPIRE TECHNOLOGY INC	ISPR	Industrials
KALA PHARMACEUTICALS	KALA	Health Care
KARTOON STUDIOS INC	TOON	Consumer Discretionary
KINETA INC	KA	Health Care
LANZATECH GLOBAL	LNZA	Basic Materials
LATHAM GROUP	SWIM	Consumer Discretionary
LENDINGTREE INC	TREE	Financials
LIGHTWAVE LOGIC INC	LWLG	Telecommunications
LINKBANCORP INC	LNKB	Financials
LIVEONE INC	LVO	Consumer Discretionary
LIVEPERSON INC	LPSN	Technology
LOOP MEDIA INC	LPTV	Consumer Discretionary
LYELL IMMUNOPHARMA	LYEL	Health Care
MALLINCKRODT PLC AMERICA	MNK	Health Care
MAWSON INFRASTRUCTURE GR	MIGI	Technology
MEDIAALPHA	MAX	
MEI PHARMA INC	MEIP	Technology Health Care
MICROVAST HOLDINGS INC	MVST	
MIND MEDICINE MINDMED	MNMD	Industrials Health Care
MONDEE HOLDINGS INC (A)	MOND	Consumer Discretionary
MOUNTAIN CREST ACQUISITION III	ETAO MAYLA	Health Care
MOVELLA HOLDINGS INC	MVLA	Consumer Discretionary
MUSCLE MAKER	GRIL	Consumer Discretionary
MUSTANG BIO	MBIO	Health Care
NANOSTRING TECH INC	NSTG	Health Care
NAUTICUS ROBOTICS INC	KITT	Industrials



An LSEG Business

Russell Microcap® Index - Additions

Trassell infereeaps mack	710.01.01.0	
Company	Symbol	Industry
NAVITAS SEMI CORP (A)	NVTS	Technology
NEAR INTELLIGENCE INC	NIR	Technology
NEONODE INC	NEON	Technology
NEOVOLTA INC	NEOV	Industrials
NEWTEKONE INC	NEWT	Financials
NEXPOINT DIVERSIFIED REA	NXDT	Financials
NEXTDOOR HOLDINGS INC	KIND	Technology
NEXTPLAT CORP	NXPL	Telecommunications
NGM BIOPHARMACEUTICALS	NGM	Health Care
NIOCORP DEVELOPMENTS LTD	NB	Basic Materials
NUVATION BIO INC (A)	NUVB	Health Care
OCEAN BIOMEDICAL INC	OCEA	Health Care
OFFICE PPTY INCOME TRUST	OPI	Real Estate
OMNIAB INC	OABI	Health Care
ORCHESTRA BIOMED HOLDING	OBIO	Health Care
ORGANOGENESIS	ORGO	Health Care
P3 HEALTH PARTNERS (A)	PIII	Health Care
PATRIOT NATIONAL BANCORP	PNBK	Financials
PATRIOT TRANSPORT HLDG	PATI	Industrials
PEAKSTONE REALTY TRUST	PKST	Real Estate
PRECISION OPTICS CORPORA	POCI	Health Care
PRESTO AUTOMATIONS INC	PRST	Technology
PROFESSIONAL DIVERSITY	IPDN	Industrials
PROSOMNUS INC	OSA	Health Care
PROTERRA INC (A)	PTRA	Industrials
QUANTERIX CORPORATION	QTRX	Health Care
RACKSPACE TECHNOLOGY	RXT	Technology
RENOVORX	RNXT	Health Care
REVIVA PHARMA HOLDINGS	RVPH	Health Care
ROCKWELL MEDICAL INC	RMTI	Health Care
SELECTA BIOSCIENCES INC	SELB	Health Care
SERVOTRONICS	SVT	Industrials
SES AI CORPORATION	SES	Consumer Discretionary
SEVEN HILLS REALTY TRUST	SEVN	Financials
SKYX PLATFORMS CORP	SKYX	Industrials
SLEEP NUMBER CORPORATION	SNBR	Consumer Discretionary
SOBR SAFE INC	SOBR	Consumer Discretionary
SOLID BIOSCIENCES INC	SLDB	Health Care
SOLID POWER INC (A)	SLDP	Energy
SONIM TECHNOLOGIES	SONM	Telecommunications
SOUNDHOUND AI INC	SOUN	Technology
SOUTHLAND HOLDINGS INC	SLND	Industrials
SPI ENERGY	SPI	Energy
STAR HOLDINGS	STHO	Real Estate
STITCH FIX CLASS A	SFIX	Consumer Discretionary
SYSTEM1 INC (A)	SST	Technology
TANDY LEATHER FACTORY	TLF	Consumer Discretionary
TAYLOR DEVICES INC	TAYD	Industrials
THERAPEUTICSMD INC	TXMD	Health Care
THERE ED HOURD INC	INNU	Houses vale



Russell Microcap® Index - Additions

Company	Symbol	Industry
TINGO GROUP INC	TIO	Industrials
TRIO PETROLEUM CORP	TPET	Energy
TRUEBLUE INC	ТВІ	Industrials
TUSIMPLE HOLDINGS	TSP	Industrials
UNITED HOMES GROUP INC	UHG	Consumer Discretionary
US GOLDMINING INC	USGO	Basic Materials
VAXXINITY	VAXX	Health Care
VERDE CLEAN FUELS INC	VGAS	Energy
VISION MARINE TECHNOLOGI	VMAR	Consumer Discretionary
WAG GROUP CO	PET	Consumer Discretionary
XPERI INC	XPER	Telecommunications
ZURA BIO LTD	ZURA	Health Care
ZYMEWORKS	ZYME	Health Care



For more information about our indexes, please visit ftserussell.com.

© 2023 London Stock Exchange Group plc and its applicable group undertakings (the "LSE Group"). The LSE Group includes (1) FTSE International Limited ("FTSE"), (2) Frank Russell Company ("Russell"), (3) FTSE Global Debt Capital Markets Inc. and FTSE Global Debt Capital Markets Limited (together, "FTSE Canada"), (4) FTSE Fixed Income Europe Limited ("FTSE FI Europe"), (5) FTSE Fixed Income LLC ("FTSE FI"), (6) The Yield Book Inc ("YB") and (7) Beyond Ratings S.A.S. ("BR"). All rights reserved.

FTSE Russell® is a trading name of FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB and BR. "FTSE®", "Russell®", "FTSE Russell®", "FTSE4Good®", "ICB®", "The Yield Book®", "Beyond Ratings®" and all other trademarks and service marks used herein (whether registered or unregistered) are trademarks and/or service marks owned or licensed by the applicable member of the LSE Group or their respective licensors and are owned, or used under licence, by FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB or BR. FTSE International Limited is authorised and regulated by the Financial Conduct Authority as a benchmark administrator.

All information is provided for information purposes only. All information and data contained in this publication is obtained by the LSE Group, from sources believed by it to be accurate and reliable. Because of the possibility of human and mechanical error as well as other factors, however, such information and data is provided "as is" without warranty of any kind. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any claim, prediction, warranty or representation whatsoever, expressly or impliedly, either as to the accuracy, timeliness, completeness, merchantability of any information or of results to be obtained from the use of FTSE Russell products, including but not limited to indexes, data and analytics, or the fitness or suitability of the FTSE Russell products for any particular purpose to which they might be put. Any representation of historical data accessible through FTSE Russell products is provided for information purposes only and is not a reliable indicator of future performance.

No responsibility or liability can be accepted by any member of the LSE Group nor their respective directors, officers, employees, partners or licensors for (a) any loss or damage in whole or in part caused by, resulting from, or relating to any error (negligent or otherwise) or other circumstance involved in procuring, collecting, compiling, interpreting, analysing, editing, transcribing, transmitting, communicating or delivering any such information or data or from use of this document or links to this document or (b) any direct, indirect, special, consequential or incidental damages whatsoever, even if any member of the LSE Group is advised in advance of the possibility of such damages, resulting from the use of, or inability to use, such information.

No member of the LSE Group nor their respective directors, officers, employees, partners or licensors provide investment advice and nothing in this document should be taken as constituting financial or investment advice. No member of the LSE Group nor their respective directors, officers, employees, partners or licensors make any representation regarding the advisability of investing in any asset or whether such investment creates any legal or compliance risks for the investor. A decision to invest in any such asset should not be made in reliance on any information herein. Indexes cannot be invested in directly. Inclusion of an asset in an index is not a recommendation to buy, sell or hold that asset nor confirmation that any particular investor may lawfully buy, sell or hold the asset or an index containing the asset. The general information contained in this publication should not be acted upon without obtaining specific legal, tax, and investment advice from a licensed professional.

Past performance is no guarantee of future results. Charts and graphs are provided for illustrative purposes only. Index returns shown may not represent the results of the actual trading of investable assets.

This document may contain forward-looking assessments. These are based upon a number of assumptions concerning future conditions that ultimately may prove to be inaccurate. Such forward-looking assessments are subject to risks and uncertainties and may be affected by various factors that may cause actual results to differ materially. No member of the LSE Group nor their licensors assume any duty to and do not undertake to update forward-looking assessments.

No part of this information may be reproduced, stored in a retrieval system or transmitted in any form or by any means, electronic, mechanical, photocopying, recording or otherwise, without prior written permission of the applicable member of the LSE Group. Use and distribution of the LSE Group data requires a licence from FTSE, Russell, FTSE Canada, FTSE FI, FTSE FI Europe, YB, BR and/or their respective licensors.

FTSE Russell 5