

Geneva, November 11, 2021

MSCI GLOBAL SMALL CAP INDEXES

The following are changes in constituents for the MSCI Global Small Cap Indexes which will take place as of the close of November 30, 2021.

SUMMARY PER COUNTRY and PER REGION:

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Asia Pacific			
	AUSTRALIA	20	9
	JAPAN	23	80
	HONG KONG	6	5
	NEW ZEALAND	1	1
	MALAYSIA	4	9
	INDONESIA	9	3
	PHILIPPINES	3	2
	TAIWAN	10	43
	KOREA	15	47
	THAILAND	3	1
	INDIA	69	10
	PAKISTAN	0	13
	CHINA	42	45
	SINGAPORE	2	2

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Europe, Middle East and Africa			
	BELGIUM	1	0
	SWITZERLAND	3	3
	DENMARK	2	1
	SPAIN	0	2
	FRANCE	8	2
	GERMANY	13	2
	NETHERLANDS	1	1
	ITALY	7	0
	NORWAY	3	1
	SWEDEN	11	8
	UNITED KINGDOM	24	2
	FINLAND	4	0
	GREECE	0	1
	TURKEY	0	1
	ISRAEL	9	4
	SOUTH AFRICA	0	2
	SAUDI ARABIA	4	0
	POLAND	0	2
	UNITED ARAB EMIRATES3		1
	RUSSIA	3	1
	EGYPT	0	1

Region	Country	Nb of Securities Added	Nb of Securities Deleted
Americas			
	USA	166	41
	CANADA	26	5
	MEXICO	0	1
	CHILE	3	6
	ARGENTINA	0	8
	BRAZIL	15	4

ASIA PACIFIC

MSCI AUSTRALIA INDEX

Additions
29METALS
AGL ENERGY
AUSSIE BROADBAND
AUSTRALIAN STRATEGIC
AVZ MINERALS
CAPRICORN METALS
CETTIRE
DEXUS INDUSTRIA REIT
DUBBER CORP
HOMECO DAILY NEEDS REIT
IMDEX
IONEER
KAROON ENERGY
LIONTOWN RESOURCES
NOVONIX
PEPPER MONEY
PEXA GROUP
PPK GROUP
SAYONA MINING
VULCAN ENERGY RESOURCES

Deletions
CEDAR WOODS PROPERTIES
COOPER ENERGY
ELECTRO OPTIC SYS HLDGS
HT&E
IDP EDUCATION
INTEGRATED RESEARCH
JUPITER MINES
MOUNT GIBSON IRON
RESOLUTE MINING

MSCI JAPAN INDEX

Additions
ABC-MART
AIRTRIP CORP
CASIO COMPUTER CO
DAIKI ALUMINIUM INDUSTRY
GLOBERIDE
HARMONIC DRIVE SYSTEMS
HISAMITSU PHARMACEUTICAL
KI STAR REAL ESTATE
MIDAC HOLDINGS CO
NABTESCO CORP
NAGAWA CO
NH FOODS
NSK
PEPTIDREAM
PIGEON CORP
PLUS ALPHA CONSULTING
THK CO
TOHO GAS CO
TOHOKU ELECTRIC POWER CO
TRE HOLDINGS CORP
UNITED URBAN INVESTMENT
VISIONAL
YAMADA HOLDINGS CO

Deletions
AI INSIDE
AKATSUKI
AMUSE
ANEST IWATA CORP
AOMORI BANK (THE)
ARUHI CORP
BANK OF NAGOYA (THE)
BENEFIT ONE
CENTRAL SECURITY PATROLS
CHATWORK
CHUBU SHIRYO CO
COMPUTER ENGR & CONSU
DAIKYONISHIKAWA CORP
DAINICHISEIKA COLOR&CHEM
DAITO PHARMACEUTICAL CO
DENYO CO
DIGITAL HOLDINGS
EBASE CO
EDULAB
ELEMATEC CORP
ENIGMO
ENPLAS CORP
FUJIBO HOLDINGS
FUKUDA CORP
FUTABA INDUSTRIAL
GA TECHNOLOGIES
GRACE TECHNOLOGY
HIBIYA ENGINEERING
HYAKUJUSHI BANK
J-STREAM
JAPAN INVESTMENT ADVISER
KAMAKURA SHINSHO
KAMEI CORP
KEY COFFEE
KOJIMA CO
KOMORI CORP
LEC
LIFULL CO
MARUDAI FOOD CO
MARUSAN SECURITIES CO
MARVELOUS
MEISEI INDUSTRIAL CO
MODALIS THERAPEUTICS
MTI
NAGATANEN HOLDINGS CO
NICHIREKI CO
NIHON NOHYAKU CO
NITTO KOHKI CO
OKUWA CO
OPEN HOUSE

OSAKA STEEL CO
PR TIMES
ROCK FIELD CO
RPA HOLDINGS
RYOBI
SANSHIN ELECTRONICS CO
SENSHU IKEDA HOLDINGS
SHINNIHONSEIYAKU
SINFONIA TECHNOLOGY CO
SOFTWARE SERVICE
SOURCENEXT CORP
ST CORP
STARZEN CO
SUMITOMO SEIKA CHEMICALS
TACHI-S CO
TAIKO PHARMACEUTICAL CO
TAKARA LEBEN CO
TATSUTA ELEC WIRE & CBL
TOEI ANIMATION CO
TONAMI HOLDINGS CO
TSURUMI MANUFACTURING
UNIPRES CORP
V CUBE
V TECHNOLOGY CO
WORLD
WOWOW
YAKUODO HOLDINGS CO
YAMASHIN FILTER
YONDOSHI HOLDINGS
ZIGEXN

MSCI HONG KONG INDEX

Additions

CP POKPHAND
L K TECHNOLOGY HOLDINGS
PAX GLOBAL TECH (HK)
SJM HOLDINGS
VIVA CHINA HOLDINGS (HK)
WYNN MACAU

Deletions

HUOBI TECHNOLOGY HLDGS
MACAU LEGEND DEVELOPMENT
SUNCITY GROUP HLDGS (HK)
TELEVISION BROADCASTS
VPOWER GROUP INTL HLDGS

MSCI NEW ZEALAND INDEX

Additions

THE A2 MILK COMPANY

Deletions

RESTAURANT BRANDS

MSCI MALAYSIA INDEX

Additions

CTOS DIGITAL
HONG SENG CONSOLIDATED
KOSSAN RUBBER INDUSTRIES
SUPERMAX CORP

Deletions

CAHYA MATA SARAWAK
COMFORT GLOVES
GLOBETRONICS TECHNOLOGY
INARI AMERTRON
LEONG HUP INTERNATIONAL
PAVILION REIT
SERBA DINAMIK HOLDINGS
UEM SUNRISE
VELESTO ENERGY

MSCI INDONESIA INDEX

Additions

ADI SARANA ARMADA
BANK ALADIN SYARIAH
BERKAH BETON SADAYA
BFI FINANCE INDONESIA
DIGITAL MEDIATAMA MAXIMA
INDIKA ENERGY TBK PT
M CASH INTEGRASI
SAWIT SUMBERMAS TBK
SILOAM INTL HOSPITALS

Deletions

BINTANG OTO GLOBAL
SELAMAT SEMPURNA
WASKITA BETON PRECAST

MSCI PHILIPPINES INDEX

Additions

Deletions

AREIT
FILINVEST REIT CORP
LT GROUP

AC ENERGY CORP
DOUBLEDRAAGON PROPERTIES

MSCI TAIWAN INDEX

Additions
91APP
ACTRON TECHNOLOGY
ADVANCED ENERGY SOLUTION
AMAZING MICROELECTRONIC
PHISON ELECTRONICS CORP
POWERTECH TECHNOLOGY
SHIHLIN PAPER
T3EX GLOBAL HOLDINGS
TATUNG
WALSIN TECHNOLOGY CORP

Deletions
ABILITY OPTO ELECTRONICS
ADDCN TECHNOLOGY
ATEN INTERNATIONAL
CHC RESOURCES CORP
CMC MAGNETICS CORP
CONCRAFT HOLDING
DARWIN PRECISIONS CORP
DEPO AUTO PARTS INDL CO
DYACO INTERNATIONAL
EGIS TECHNOLOGY
EMEMORY TECHNOLOGY
FIRICH ENTERPRISES CO
FLYTECH TECHNOLOGY CO
FORTUNE ELECTRIC CO
GLOBAL LIGHTING TECH
HUNG SHENG CONSTRUCTION
IEI INTEGRATION CORP
KUOYANG CONSTRUCTION
LEALEA ENTERPRISE
MACHVISION
MOTTECH INDUSTRIES
NAN LIU ENTERPRISE
NEWMAX TECHNOLOGY CO
PAIHO SHIH HOLDINGS
PARADE TECHNOLOGIES
PHARMAENGINE INC
POWER WIND HEALTH IND
QUANTA STORAGE
RADIUM LIFE TECH CORP
RECHI PRECISION CO
RITEK CORP
ROO HSING
SHINING BLDG BUSINESS
SHUNSIN TECHNOLOGY HLDGS
SUNONWEALTH ELEC MACHINE
SUNREX TECHNOLOGY CORP
SWANCOR HOLDING CO
SYNCMOLD ENTERPRISE CORP
TAIWAN STYRENE MONOMER
TEST-RITE INTERNATIONAL
UNITECH PRINTED CIRCUIT
UNIZYX HOLDING
VOLTRONIC POWER TECH

MSCI KOREA INDEX

Additions
BNC KOREA
DAEWOO SHIPBUILDING
DI DONGIL
FILA HOLDINGS
GIANTSTEP
GOLFZON CO (NEW)
HANWHA CORP PREF 3B
HK INNO.N
KUKJEON PHARMACEUTICAL
LOTTE RENTAL
NEXT SCIENCE CO
PEOPLE AND TECHNOLOGY
REYON PHARMACEUTICAL
SHINSEGAE CO (NEW)
WYSIWYG STUDIOS

Deletions
ADAPTIVE PLASMA TECH
ADV PROCESS SYSTEM(NEW)
APROGEN MEDICINES
APROGEN PHARMACEUTICALS
BODITECH MED
CHONG KUN DANG HOLDINGS
CRYSTALGENOMICS
DAEA TI CO
DAEWON PHARMACEUTICAL
ENF TECHNOLOGY CO
EONE DIAGNOMICS GENOME
EUGENE CORPORATION
EUTILEX
F&F (NEW)
HANDOK
HS INDUSTRIES
ILDONG PHARMA (NEW)
ILJIN MATERIALS
JETEMA
KC TECH CO (NEW)
KH FEELUX CO

KINEMASTER
KOENTEC
KOLMAR KOREA HOLDINGS
KPM TECH
KWANG DONG PHARMA
L&F CO
LOTTE FOOD CO
MEDIPOST CO
MIRAE ASSET MAPS
NAMSUN ALUM
OE SOLUTIONS
RSUPPORT
S MAC
SAM JIN PHARMACEUTICAL
SHINSUNG E&G CO
SOLID
SONGWON INDUSTRIAL CO
TAEYOUNG ENGR & CONSTR
TELCON RF PHARMA
TOPTEC
UBIQUOSS HOLDINGS
UNISON CO
VIEWWORKS
WINIX
WISOL
WONIK HOLDINGS CO

MSCI THAILAND INDEX

Additions

BEC WORLD
DHIPAYA GROUP HOLDINGS
NGERN TID LOR PUBLIC CO

Deletions

TAOKAENOI FOOD & MKT

MSCI INDIA INDEX

Additions

ABB POWER PRODUCTS & SYS
ALLCARGO LOGISTICS
ANGEL BROKING
ASAHI INDIA GLASS
BOMBAY STOCK EXCHANGE
BOROSIL RENEWABLES
BRIGHTCOM GROUP
BROOKFIELD INDIA REIT
CAPLIN POINT LABS
CARTRADE TECH
CHALET HOTELS
CHEMPLAST SANMAR
CLEAN SCIENCE & TECH
DEEPAK FERT & PETROCHEM
DELTA CORP
DEVYANI INTERNATIONAL
ECLERX SERVICES
EMBASSY OFFICE PARK REIT
EQUITAS SMALL FINANCE
GLAXOSMITHKLINE PHARMA
GRINDWELL NORTON
GUJARAT STATE FERT & CHE
HFCL
HIKAL
HOME FIRST FINANCE
INDO COUNT INDUSTRIES
IPCA LABORATORIES
ISGEC HEAVY ENGINEERING
JINDAL STAINLESS
JINDAL STAINLESS HISAR
JUBILANT INGREVIA
KANSAI NEROLAC PAINTS
KRISHNA INSTITUTE OF MED
LAXMI ORGANIC INDUSTRIES
LUX INDUSTRIES
MAHINDRA LOGISTICS
MASTEK
MTAR TECHNOLOGIES

Deletions

DCB BANK
GODREJ PROPERTIES
GULF OIL LUBRICANT INDIA
INDIAN RAIL CATER & TOUR
JSW ENERGY
MINDTREE
MPHASIS
SRF
TATA POWER CO
UJJIVAN FINANCIAL SVCS

NAZARA TECHNOLOGIES
 NIIT
 NLC INDIA
 NOCIL
 NUVOCO VISTAS
 OLECTRA GREENTECH
 PAISALO DIGITAL
 POLYPLEX CORPORATION
 POONAWALLA FINCORP
 PRAJ INDUSTRIES
 PRINCE PIPES AND FTTNGS
 REC
 RELIANCE POWER
 ROSSARI BIOTECH
 SAREGAMA INDIA
 SHEELA FOAM
 SHIPPING CORP OF INDIA
 SHREE RENUKA SUGAR
 SIS
 SOLAR INDUSTRIES INDIA
 STERLING AND WILSON
 SUNDARAM CLAYTON
 SUPRAJIT ENGINEERING
 SUZLON ENERGY LIMITED
 TATA TELESVCS MAHARASHTR
 TCI EXPRESS
 TEJAS NETWORKS
 TRIDENT
 TRIVENI ENGR & IND
 TVS MOTOR CO
 WHIRLPOOL OF INDIA

MSCI PAKISTAN INDEX

Additions

None

Deletions

BANK ALFALAH
 ENGRO CORPORATION
 ENGRO FERTILIZERS
 FAUJI FERTILIZER CO
 HUB-POWER CO
 MARI PETROLEUM
 MILLAT TRACTORS
 PAKISTAN OILFIELDS
 PAKISTAN PETROLEUM
 PAKISTAN STATE OIL CO
 SEARLE PAKISTAN
 TRG PAKISTAN
 UNITED BANK

MSCI CHINA INDEX

Additions

ANTENGENE
 ARCHOSAUR GAMES
 BAOZUN ADR
 BOE VARITRONIX (CN)
 BURNING ROCK BIO A ADR
 CGN MINING (CN)
 CHINA AOYUAN GROUP
 CHINA EAST EDUCATION
 CHINA EVERBRIGHT
 CHINA YOURAN DAIRY GROUP
 CITIC RESOURCES HOLDINGS
 CLOOPEN GROUP ADR
 COOLPAD GROUP
 EVEREST MEDICINES
 FIRE ROCK HOLDINGS
 GAOTU TECHEDU A ADR
 HAICHANG OCEAN PARK HLDG
 HUANXI MEDIA GROUP
 HUAZHONG IN VEHICLE HLDG
 HUYA A ADR
 KAISA GROUP HOLDINGS
 MIDEA REAL ESTATE HLDG
 NAM TAI PROPERTY

Deletions

17 EDUCATION & TEC A ADR
 AOYUAN HEALTHY LIFE GRP
 ASCLETIS PHARMA INC
 BAI00 FAMILY INTERACTIVE
 BC TECHNOLOGY GROUP
 BEIJING ENT URBN RES GRP
 BEIJING NORTH STAR CO H
 CA CULTURAL TECHNOLOGY
 CHAOWEI POWER HOLDINGS
 CHINA FANGDA GROUP CO B
 CHINA MERCH COMM REIT
 CHINA ONLINE EDU GRP ADR
 CHINA SANJIANG FINE CHEM
 CHINA VAST INDUSTRIAL
 CHINA XINHUA EDU GRP
 CIMC VEHICLES (GROUP) H
 CONSUN PHARMACEUTICAL
 DONGYUE
 E-HOUSE (CHINA) ENT HLDG
 EBANG INTL HOLDINGS A
 FANTASIA HLDGS GROUP CO
 FRIENDTIMES
 GREENTREE HPTY GRP A ADR

NEW HORIZON HEALTH
 ONECONNECT FINL TECH ADR
 SCE INTG COMM MGMT
 SHANGHAI HENLIUS BIO H
 SHANGHAI JINQIAO EXP B
 SHANGHAI MECH & ELECT B
 SHENZHEN INVESTMENT
 SHINSUN HOLDINGS GRP CO
 SSSY GROUP
 SUN KING TECHNOLOGY GRP
 TRULY INTL HOLDINGS
 UP FINTECH HOLDING A ADR
 UXIN ADR A
 YATSEN HOLDING A ADR
 YEAHKA
 YOUDAO A ADR
 ZHAOJIN MINING IND H
 ZHENRO PROPERTIES GROUP
 ZHONGLIANG HOLDINGS GRP

HEBEI CONSTRUCTION GRP H
 HOMELAND INTERACTIVE TECH
 INESA INTELLIGENT TECH B
 INKE
 INNER MONGOLIA EERDUOS B
 KAISA PROSPERITY HLDGS
 LEES PHARMACEUTICAL HLDG
 NETJOY HOLDINGS
 ONESMART INTL EDU A ADR
 PAX GLOBAL TECHNOLOGY
 PERENNIAL ENERGY HLDGS
 QUTOUTIAO ADR A
 RENRUI HUMAN RES TECH
 SCHOLAR EDUCATION GROUP
 SHANGHAI FUDAN MICROEL H
 SHANGHAI JIN JIANG B
 SHANGHAI KINDLY MED H
 SO YOUNG INTL A ADR
 SUNPOWER GROUP
 TONGDA GROUP (CN)
 XINGDA INTL HOLDINGS
 YICHANG HEC CHANGJIANG H

MSCI SINGAPORE INDEX

Additions
 FRENCKEN GROUP
 MAXEON SOLAR TECH

Deletions
 MEDTECS INTL CORP
 OXLEY HOLDINGS

EUROPE, MIDDLE EAST AND AFRICA

MSCI BELGIUM INDEX

Additions
 SHURGARD SELF STORAGE

Deletions
 None

MSCI SWITZERLAND INDEX

Additions
 BANQUE CANTONALE VAUDOIS
 MONTANA AEROSPACE
 POLYPEPTIDE GROUP

Deletions
 BACHEM HOLDING B
 GAM HOLDING
 VAT GROUP

MSCI DENMARK INDEX

Additions
 SOLAR HOLDING B
 TRIFORK HOLDING

Deletions
 BRODRENE HARTMANN

MSCI SPAIN INDEX

Additions
 None

Deletions
 GRUPO EMPRESARIAL SAN JO
 GRUPO PRISA

MSCI FRANCE INDEX

Additions
 ARAMIS GROUP
 ATOS
 BELIEVE
 ESKER
 EUROPCAR MOBILITY
 SCOR
 SES IMAGOTAG
 VALLOUREC

Deletions
 EURONEXT
 NACON

MSCI GERMANY INDEX

Additions
 ABOUT YOU HOLDING
 ATOSS SOFTWARE
 BIKE24 HOLDING
 EINHELL GERMANY VORZUG
 ENERGIEKONTOR

Deletions
 EXASOL
 WASHTEC

FIELMANN
GFT TECHNOLOGIES
HEIDELBERGER DRUCK
MISTER SPEX
PVA TEPLA
SCHAEFFLER
SYNLAB
TEAMVIEWER

MSCI NETHERLANDS INDEX

Additions
KONINKLIJKE VOPAK

Deletions
IMCD GROUP

MSCI ITALY INDEX

Additions
DIGITAL BROS
DIGITAL VALUE
OVS
PHARMANUTRA
SECO
SOL
WIIT

Deletions
None

MSCI NORWAY INDEX

Additions
ELOPAK
MPC CONTAINER SHIPS
NORWEGIAN AIR SHUTTLE

Deletions
AKER BIOMARINE

MSCI SWEDEN INDEX

Additions
HEMNET GROUP
HUMBLE GROUP
OX2
RVRC HOLDING
SECTRA B
SURGICAL SCIENCE SWEDEN
VESTUM
VIMIAN GROUP
VITEC SOFTWARE GROUP
VNV GLOBAL
VOLATI

Deletions
BONESUPPORT HOLDING
ENAD GLOBAL 7
GETINGE B
LIFCO B
ONCOPEPTIDES AB
SAGAX B
SAGAX D
SCANDI STANDARD

MSCI UNITED KINGDOM INDEX

Additions
ALPHAWAVE IP GROUP
ATALAYA MINING
BRIDGEPOINT GROUP
CLARKSON
DELIVEROO
DIRECT LINE INS GRP
GYM GROUP
HELIOS TOWERS
HOME REIT
IMPAX ASSET MANAGEMENT
JTC
KIER GROUP
PANTHEON RESOURCES
RENEWI
TARGET HEALTHCARE REIT
TRUSTPILOT GRP
TYMAN
URBAN LOGISTICS REIT
VECTURA GROUP
VICTORIAN PLUMBING GROUP
VIVO ENERGY GB
VOLUTION GROUP
YELLOW CAKE
YUGOV

Deletions
DRAPER ESPRIT
IOMART GROUP

MSCI FINLAND INDEX

Additions
ANORA GROUP
MARIMEKKO
PUUILO
SPINNOVA

Deletions
None

MSCI GREECE INDEX

Additions
None

Deletions
PIRAEUS PORT AUTHORITY

MSCI TURKEY INDEX

Additions
None

Deletions
FENERBAHCE FUTBOL

MSCI ISRAEL INDEX

Additions
CELLEBRITE DI
ELECTRA REAL ESTATE
NAYAX
PERION NETWORK
RETAILORS
RISKIFIED A
SISRAM MEDICAL
TABOOLA.COM
ZIM INTEGRATED SHIPPING

Deletions
BRACK CAPITAL PROPERTIES
FIVERR INTERNATIONAL
INMODE
KORNIT DIGITAL

MSCI SOUTH AFRICA INDEX

Additions
None

Deletions
STOR AGE PROPERTY REIT
ZEDER INVESTMENTS

MSCI SAUDI ARABIA INDEX

Additions
ALKHORAYEF WTR & PWR TEC
ASTRA INDUSTRIAL GROUP
ATAA EDUCATIONAL CO
NATIONAL CO FOR LEARNING

Deletions
None

MSCI POLAND INDEX

Additions
None

Deletions
MBANK
MERCATOR MEDICAL

MSCI UNITED ARAB EMIRATES INDEX

Additions
AL YAH SATELLITE COMMU
RAS AL KHAIMAH CERAMICS
WAHA CAPITAL

Deletions
DAMAC PROPERTIES DUBAI

MSCI RUSSIA INDEX

Additions
GK SEGEZHA
MECHEL PREF (RUB)
UNITED MEDICAL GRP GDR

Deletions
NOVOROSSIYSK PORT (RUB)

MSCI EGYPT INDEX

Additions
None

Deletions
MEDINET NASR FOR HSG DEV

AMERICAS

MSCI USA INDEX

Additions

Deletions

23ANDME HOLDING A
 A MARK PRECIOUS METALS
 ACV AUCTIONS A
 AEVA TECHNOLOGIES
 AEYE A
 AGILITI
 ALIGNMENT HEALTHCARE
 ALKAMI TECHNOLOGY
 ALTICE USA A
 AMMO
 ASPEN AEROGELS
 ASTRA SPACE A
 ATLANTICUS HOLDINGS
 AUTOLIV
 AVEANNA HEALTHCARE HLDGS
 AVEPOINT
 BEACHBODY COMPANY A
 BEAUTY HEALTH A
 BERKSHIRE GREY A
 BERRY CORP
 BLUE OWL CAPITAL A
 BOSTON BEER A
 CANO HEALTH A
 CARIBOU BIOSCIENCES
 CENTRUS ENERGY CORP A
 CHARGEPOINT HOLDINGS
 CIPHER MINING
 CLARUS CORPORATION
 CLEAR SECURE A
 CLEARFIELD
 CONSOL ENERGY (NEW)
 CONTEXTLOGIC A
 CONTURA ENERGY
 CORE & MAIN A
 COREPOINT LODGING
 COUCHBASE
 COURSERA
 CRA INTERNATIONAL
 CRICUT A
 CROSS COUNTRY HEALTHCARE
 CURO GROUP HOLDINGS CORP
 CUTERA
 DIGITALOCEAN HOLDINGS
 DOMA HOLDINGS
 DREAM FINDERS HOMES A
 DUCKHORN PORTFOLIO
 DUN & BRADSTREET HLDGS
 DUOLINGO A
 ELECTRIC LAST MILE SOLN
 ENOVIX
 ERASCA
 EUROPEAN WAX CENTER A
 EVOLV TECH HLDGS A
 F45 TRAINING HOLDINGS
 FARADAY A
 FIGS A
 FIRST ADVANTAGE
 FREYR BATTERY
 FRONTIER COMMUNICATIONS
 FRONTIER GROUP HOLDINGS
 FULCRUM THERAPEUTICS
 GATOS SILVER
 GLADSTONE LAND CORP
 GOLDEN NUGGET ONLINE A
 GREENSKY A
 GULFPORT ENERGY
 HAYWARD HLDGS
 HESS MIDSTREAM A
 HILLMAN SOLUTIONS
 HINGHAM INSTITUTION
 HIPPO HOLDINGS
 HOLLEY
 HONEST COMPANY
 HUMACYTE A
 HYZON MOTORS A
 ADVERUM BIOTECHNOLOG
 AKOUOS
 ARDELYX
 ASANA A
 ATERIAN
 ATHENEX
 ATHERSYS
 ATRECA A
 AVROBIO
 BILL.COM HOLDINGS
 BLACK DIAMOND THERAPEUT
 CADIZ INC
 CONTINENTAL RESOURCES
 CRAWFORD & CO A
 CYTOMX THERAPEUTICS
 DIAMONDBACK ENERGY
 DURECT CORP
 EARGO
 EGAIN CORPORATION
 ENTEGRIS
 ESPERION THERAPEUTICS
 FREQUENCY THERAPEUTICS
 HERITAGE INSURANCE
 KALA PHARMECUTICAL
 LANDEC CORP
 MOLECULAR TEMPLATES
 NAUTILUS
 NEOLEUKIN THERAPEUTICS
 NUANCE COMMUNICATIONS
 ONTRAK
 PUMA BIOTECHNOLOGY
 QUOTIENT
 SIGNATURE BANK
 SILVERBACK THERAPEUTICS
 SPECTRUM PHARMACEUTICALS
 TCR2 THERAPEUTICS
 THERAPEUTICSMD
 UPSTART HOLDINGS
 VILLAGE SUPER MARKET A
 VIRNETX HOLDING
 ZOOMINFO TECH A

ICOSAVAX
IDEAYA BIOSCIENCES
IDT CORP B
IMAGO BIOSCIENCES
INDIE SEMICONDUCTOR A
INTAPP
ITEOS THERAPEUTICS
JANUS INTERNATIONAL A
KNOWBE4 A
KRISPY KREME
LAMB WESTON HOLDINGS
LAREDO PETROLEUM
LATCH A
LATHAM GRP
LIQUIDITY SERVICES INC
MARKFORGED HOLDING
MAXCYTE (US)
MEMBERSHIP CLTV GRP A
MERIDIANLINK
META MATERIALS
METROPOLITAN BANK HLDG
MICROVAST HOLDINGS
MISTER CAR WASH
MOMENTUS A
MONEYGRAM INTERNATIONAL
MONTE ROSA THERAPEUTICS
NOBLE
OLEMA PHARMACEUTICALS
OLO A
OMEGA HEALTHCARE INVESTO
OPORTUN FINANCIAL
ORAMED PHARMACEUTICALS
ORIGIN MATERIALS
ORIGINAL BARK CO (THE) A
OSCAR HEALTH A
PARTY CITY HOLDCO
PAYMENTUS HOLDINGS A
PAYONEER GLOBAL
PEABODY ENERGY
PERELLA WEINBERG A
PHILLIPS EDISON & CO
PINNACLE WEST CAPITAL
PLYMOUTH INDL REIT
POINT BIOPHARMA GLOBAL
POWERSCHOOL HOLDINGS A
PRIVIA HEALTH GRP
PROMETHEUS BIOSCIENCES
PROTERRA
PURECYCLE TECHNOLOGIES A
QUANTUM-SI A
RECURSION PHARMA A
RENAISSANCERE HOLDINGS
ROCKET LAB USA
ROCKLEY PHOTONICS HLDGS
ROOT A
ROVER GROUP A
RYAN SPECIALTY GROUP A
RYERSON HOLDING CORP
SANA BIOTECHNOLOGY
SEMA4 HOLDINGS A
SIGHT SCIENCES
SKILLSOFT A
SKYWATER TECH
SNAP ONE HOLDINGS
SPIRE GLOBAL A
SPRINKLR A
STAGWELL A
STEM
SUN COUNTRY AIRLINES
TANGO THERAPEUTICS
TASKUS A
THREDUP A
THRYV HOLDINGS
TRAEGER
TRAVELCENTERS OF AMERICA

TREACE MEDICAL CONCEPTS
TUSIMPLE HOLDINGS A
URANIUM ENERGY
VALARIS
VERVE THERAPEUTICS
VIEW A
VINCO VENTURES
VINE ENERGY A
VOLTA A
VOYA FINANCIAL
WEATHERFORD INTL
WEBER A
WHEELS UP EXPERIENCE A
WM TECHNOLOGY A
XOMETRY A
ZIPRECRUITER A

MSCI CANADA INDEX

Additions
ANAERGIA SV
ATCO I
AYA GOLD & SILVER
B2GOLD
BAYTEX ENERGY
BSR REIT
DENTALCORP HOLDINGS SV
GOGOLD RESOURCES INC
HEADWATER EXPLORATION
HUT 8 MINING
KELT EXPLORATION
LION ELECTRIC
MAGNET FORENSICS SV
MDA
NANOXPLORE
NEIGHBOURLY PHARMACY
NUVISTA ENERGY
PET VALU HOLDINGS
POLLARD BANKNOTE
SECURE ENERGY SERVICES
SOFTCHOICE
TAMARACK VALLEY ENERGY
TECSYS
THINKIFIC LABS SV
TRICAN WELL SERVICE
YAMANA GOLD

Deletions
CHARLOTTE WEB HLDGS
COMPUTER MODELLING GROUP
ENDEAVOUR MINING
TFI INTERNATIONAL
TOURMALINE OIL CORP

MSCI MEXICO INDEX

Additions
None

Deletions
ALPEK

MSCI CHILE INDEX

Additions
CENCOSUD SHOPPING
COLBUN
PLAZA SA

Deletions
CIA SUD AMERICANA
FORUS
GRUPO SECURITY
INVER LA CONSTRUCCION
RIPLEY
SONDA

MSCI ARGENTINA INDEX

Additions
None

Deletions
ARCOS DORADOS HOLDINGS A
BANCO BBVA ARGENTINA ADR
BANCO MACRO B ADR
DESPEGAR.COM
GRUPO FIN GALICIA B ADR
LOMA NEGRA ADR
PAMPA ENERGIA ADR
TRANSPORTADORA GAS B ADR

MSCI BRAZIL INDEX

Additions

ARMAC LOCACAO LOGIS ON
BLAU FARMACEUTICA ON
CLEAR SALE ON
CM HOSPITALAR ON
COMPANHIA BRASILEIRA ON
COPEL PN B
COPEL UNIT
GPS PARTICIPACOES ON
HOSPITAL MATER DEI ON
INFRACOMMERCE CXAAS ON
LOJAS AMERICANAS ON
MULTILASER INDUSTRIAL ON
ONCOCLINICAS DO ON
SMARTFIT ESCOLA DE ON
TRES TENTOS AGRO ON

Deletions

BK BRASIL OPERACAO
CONSTRUTORA TENDA
EVEN CONSTRUTORA INC ON
TRISUL ON

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