

The below Hypothetical Weights are shown for information purposes only and do not reflect the constituents of the Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index. The Hypothetical Weights are a hypothetical indication of what the weightings and constituents of the Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index would be after performing steps 1 and 2 of the index construction methodology, as defined in section II.B. of the Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index Methodology, if the Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index were rebalanced daily using current market data. These hypothetical weights do not reflect the application of the third step of the index construction methodology, which will be completed the Index Administrator, or actual current or future changes to the Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index and the constituents at the next actual rebalance (typically quarterly) may differ substantially. Neither Goldman Sachs Asset Management, L.P. ("GSAM") nor any of its affiliates guarantees the quality, accuracy and/or the completeness of this information nor any data included therein or on which this information is based, and neither GSAM nor any of its affiliates shall be liable to any third party for any loss or damage, direct, indirect or consequential, arising from (i) any inaccuracy or incompleteness in, or delays, interruptions, errors or omissions in this information or any data included therein or on which any of this information is based or (ii) any decision made or action taken by any third party in reliance upon this information or any data.

Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index Hypothetical Weights for 2/9/2023

Name	Weight
3I GROUP PLC ORD	0.002829
A2 MILK CO LTD	0.000519
AAK AB	0.000364
ABB LTD-REG	0.001832
ABC MART INC ORD	0.000662
ABRDN PLC	0.001487
ACTIVIDADES DE CONSTRUCCION Y SE	0.001467
ADDTECH AB	0.000270
ADIDAS AG	0.003270
ADMIRAL GROUP PLC	0.002256
ADVANTEST CORP ORD	0.001888
ADYEN NV	0.000180
AENA SME SA	0.000458
AEON CO LTD ORD	0.000577
AEON MALL CO LTD ORD	0.000755
AERCAP HOLDINGS NV	0.001751
AEROPORTS DE PARIS SA	0.001278
AGC INC	0.000548
AGEAS SA NV	0.000924
AIA GROUP LTD	0.005512
AIR LIQUIDE SA	0.003515
AIR WATER INC	0.000741
AISIN CORP	0.000187
AJINOMOTO CO INC	0.001211
AKZO NOBEL NV	0.000286
ALCON INC	0.001249
ALFA LAVAL AB	0.000433
ALFRESA HOLDINGS CORP ORD	0.000426
ALIBABA HEALTH INFORMATION TECHN	0.000278
ALLEGRO.EU SA	0.000127
ALLIANZ SE	0.003185
ALLKEM LTD	0.000869
AMADA CO LTD	0.000626
AMADEUS IT GROUP SA CLASS A	0.000672
AMP LTD ORD	0.000200
AMS-OSRAM AG	0.000883
ANA HOLDINGS INC	0.000310
ANDRITZ AG	0.001906
ANGLO AMERICAN PLC	0.001802
ANHEUSER BUSCH INBEV SA NV	0.002931
ANTOFAGASTA PLC	0.000746
ANZ GROUP HOLDINGS LTD	0.002557
AP MOLLER MAERSK A/S ORD A	0.002083
AP MOLLER MAERSK AS CLASS B	0.002228
ARGENX SE - ADR	0.000882
ARISTOCRAT LEISURE LTD	0.000431
ASAHI GROUP HLDGS (ASAHI BREW) O	0.001166
ASAHI KASEI CORP	0.000252
ASHTREAD GROUP PLC	0.000703
ASM INTERNATIONAL NV	0.000470
ASML HOLDING NV	0.014857
ASSA ABLOY AB CLASS B	0.000517
ASSICURAZIONI GENERALI SPA	0.002005
ASSOCIATED BRITISH FOODS PLC	0.001443
ASTELLAS PHARMA INC	0.002969
ASTRAZENECA PLC	0.011499
ASX LTD ORD	0.000384
ATLAS ARTERIA LTD	0.000244
ATLAS COPCO AB	0.000820
ATLAS COPCO AB CLASS A	0.001339
AUCKLAND INTL AIRPORT LTD	0.000432
AUTO TRADER GROUP PLC	0.002967
AUTOSTORE HOLDINGS LTD	0.000159
AVANZA BANK H	0.002140
AVIVA PLC	0.001564
AXA SA	0.005685
AXFOOD AB	0.002260
AZBIL (YAMATAKE) CORP ORD	0.000148
AZELIS GROUP NV	0.000437
B&M EUROPEAN VALUE RETAIL SA	0.001746
BANCA MEDIOLANUM SPA	0.000152
BANCO BILBAO VIZCAYA ARGENTARIA	0.002344
BANCO COMERCIAL PORTUGUES SA	0.000206
BANCO SANTANDER SA	0.004518

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Goldman Sachs ActiveBeta[®] Paris-Aligned International Equity Index Hypothetical Weights for 2/9/2023

Name	Weight
BANDAI NAMCO HOLDINGS INC	0.001943
BARCLAYS PLC	0.003017
BARRATT DEVELOPMENTS PLC	0.000564
BASF SE	0.000701
BAWAG GROUP AG	0.000526
BAYCURRENT CONSULTING INC	0.002077
BAYER AG	0.004840
BAYERISCHE MOTOREN WERKE AG	0.003476
BAYERISCHE MOTOREN WERKE BMW PFD	0.002560
BEIERSDORF AG	0.001718
BEIJER REF AB	0.000200
BERKELEY GROUP HOLDINGS PLC	0.000510
BIOMERIEUX	0.002046
BIONTECH SE	0.003309
BLUESCOPE STEEL LTD	0.002919
BNP PARIBAS SA	0.004962
BOLIDEN AB	0.000783
BOUYGUES SA	0.001156
BRAMBLES LTD	0.000588
BRIDGESTONE CORP ORD	0.000209
BRITISH LAND CO PLC	0.000503
BROTHER INDUSTRIES LTD ORD	0.000906
BT GROUP PLC	0.000310
BUDWEISER BREWING CO APAC LTD	0.000473
BUNZL PLC	0.001681
BURBERRY GROUP PLC	0.003302
BYD ELECTRONIC (INTERNATIONAL) C	0.001095
CA IMMOBILIEN ANLAGEN AG	0.000490
CAIXABANK SA	0.000950
CALBEE INC ORD	0.000601
CANON INC	0.001828
CAPCOM CO LTD	0.001338
CAPGEMINI SA	0.001538
CAPITALAND INTEGRATED COMMERCIAL	0.000364
CAPITALAND INVESTMENT LTD	0.000779
CAPLAND ASCENDAS REIT	0.000376
CARL ZEISS MEDITEC AG	0.000851
CARLSBERG AS CLASS B	0.001125
CARREFOUR SA	0.003021
CASIO COMPUTER CO LTD ORD	0.000286
CATHAY PACIFIC AIRWAYS LTD ORD	0.001226
CELLNEX TELECOM SA	0.000144
CENTRAL JAPAN RAILWAY CO	0.000616
CHARTER HALL GROUP	0.000294
CHECK POINT SOFTWARE TECH L ORD	0.000253
CHIBA BANK LTD ORD	0.000352
CHINA MENGNIU DAIRY CO LTD	0.000243
CHORUS LIMITED	0.000417
CHR HANSEN HOLDING AS	0.000261
CHUGAI PHARMACEUTICAL CO LTD ORD	0.001804
CIE GENERALE DES ETABLISSEMENTS	0.000471
CITY DEVELOPMENTS LTD ORD	0.001003
CK ASSET HOLDINGS LTD	0.001523
CK HUTCHISON HOLDINGS LTD	0.002158
CNH INDUSTRIAL NV	0.002737
COCA-COLA BOTTLERS JAPAN INC	0.000858
COCA-COLA EUROPACIFIC PARTNERS P	0.000599
COCHLEAR LTD	0.002191
COLES GROUP LTD	0.002985
COLOPLAST AS CLASS B	0.000968
COMMONWEALTH BANK OF AUSTRALIA	0.006157
COMPAGNIE DE SAINT GOBAIN SA	0.003196
COMPAGNIE FINANCIERE RICHEMONT S	0.004561
COMPASS GROUP PLC	0.002670
COMPUTERSHARE LTD ORD	0.000726
CONCORDIA FINANCIAL GROUP LTD	0.000262
CONTACT ENERGY LTD	0.000310
CONVATEC GROUP PLC	0.000891
CORP ACCIONA ENERGIAS RENOVA	0.000704
COSMOS PHARMACEUTICAL CORP ORD	0.000715
COVESTRO AG	0.000651
CREDIT AGRICOLE SA	0.002482
CRH PLC	0.000951
CRODA INTERNATIONAL PLC	0.000466

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Name	Weight
CSL LTD ORD	0.003010
CSPC PHARMACEUTICAL GROUP LTD	0.002579
CYBERAGENT INC	0.001634
CYFROWY POLSAT SA	0.000778
DAI NIPPON PRINTING CO LTD ORD	0.000358
DAI-ICHI LIFE HOLDINGS INC	0.002272
DAIICHI SANKYO CO LTD ORD	0.002896
DAIKIN INDUSTRIES LTD ORD	0.000331
DAIMLER TRUCK HOLDING AG	0.000353
DAITO TRUST CONSTRUCTION CO LTD	0.000785
DAIWA HOUSE INDUSTRY CO LTD ORD	0.000423
DAIWA HOUSE REIT INVESTMENT CORP	0.000340
DAIWA SECURITIES GROUP INC ORD	0.000356
DANONE SA	0.002143
DANSKE BANK A/S	0.001397
DASSAULT SYSTEMES SA	0.000531
DAVIDE CAMPARI-MILANO NV	0.000362
DBS GROUP HOLDINGS LTD	0.002687
DEMANT A/S	0.001336
DENSO CORP ORD	0.000260
DENTSU GROUP INC	0.000379
DEUTSCHE BANK AG	0.003601
DEUTSCHE BOERSE AG	0.001691
DEUTSCHE POST AG	0.004653
DEUTSCHE TELEKOM AG	0.004950
DEXUS/AU	0.000531
DIAGEO PLC	0.004229
DIASORIN SPA	0.000145
DIE RAIFFEISEN BANK INTERNATIONA	0.002151
DIETEREN GROUP	0.001089
DINO POLSKA SA	0.002108
DISCO CORP ORD	0.001017
DS SMITH PLC	0.001898
DSV AS	0.000596
EAST JAPAN RAILWAY CO	0.000612
EBOS GROUP LTD	0.001026
EDP ENERGIAS DE PORTUGAL SA	0.001047
EDP RENOVAVEIS SA	0.000105
EISAI	0.002209
ELECTRICITE DE FRANCE SA	0.000217
ELIA GROUP SA/NV	0.001356
ELISA OYJ CLASS A	0.000621
EMBRACER GROUP AB	0.000222
ENDEAVOUR GROUP	0.001263
EPIROC AB-A	0.000579
EPIROC AB-B	0.000430
ERSTE GROUP BANK AG	0.000451
ESR GROUP LIMITED	0.000241
ESSILORLUXOTTICA	0.003398
ESSITY AB CLASS B	0.000675
EUROFINS SCIENTIFIC SE	0.000717
EVN AG	0.000199
EVOLUTION AB	0.000208
EVONIK INDUSTRIES AG	0.000268
EXOR NV	0.001287
EXPERIAN PLC	0.001239
FANUC CORP	0.000431
FAST RETAILING CO LTD ORD	0.001113
FERGUSON PLC	0.003675
FERRARI NV	0.002755
FERROVIAL SA	0.001334
FINECOBANK BANCA FINECO SPA	0.000134
FISHER & PAYKEL HEALTHCARE CORPO	0.002265
FLETCHER BUILDING LTD	0.000445
FLUTTER ENTERTAINMENT PLC	0.000480
FORTESCUE METALS GROUP LTD	0.000552
FOX WIZEL LTD	0.000892
FRASERS LOGISTICS & COMMERCIAL	0.000288
FRESENIUS MEDICAL CARE AG & CO K	0.001789
FRESENIUS SE & CO KGAA	0.002780
FRESNILLO PLC	0.000247
FUJI ELECTRIC (FUJI ELEC HLDGS)	0.000390
FUJIFILM HOLDINGS CORP ORD	0.000816
FUKUOKA FINANCIAL GROUP INC ORD	0.000844

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Name	Weight
GALAXY ENTERTAINMENT GP.	0.000274
GEBERIT AG	0.002529
GEELY AUTOMOBILE HOLDINGS LT	0.001511
GENMAB A/S	0.000982
GENTING SINGAPORE PLC	0.000454
GIVAUDAN SA	0.000918
GJENSIDIGE FORSIKRING ASA	0.001016
GLP J-REIT/D	0.000361
GOODMAN GROUP ORD UNIT	0.000402
GPT GROUP	0.000508
GRAB HOLDINGS LTD - CL A	0.000111
GROUPE BRUXELLES LAMBERT SA	0.000512
GSK PLC	0.005523
H&M HENNES & MAURITZ AB CLASS B	0.002407
HAL TRUST	0.003164
HALEON PLC	0.000866
HALMA PLC	0.000482
HAMAMATSU PHOTONICS KK ORD	0.000444
HANG LUNG PROPERTIES LTD ORD	0.000121
HANG SENG BANK LTD ORD	0.000249
HANKYU HANSHIN HOLDINGS INC	0.000949
HANNOVER RUCK SE	0.001051
HAPAG-LLOYD AG	0.002028
HAREL INSUR INVEST & FINL SVCS O	0.001358
HARGREAVES LANSDOWN PLC ORD	0.001881
HASEKO CORP ORD	0.000412
HEIDELBERGCEMENT AG	0.000297
HEINEKEN HOLDING NV	0.001901
HEINEKEN NV	0.001239
HENKEL AG & CO KGAA BEARER SH	0.000554
HENKEL AG & CO KGAA PEF	0.000582
HERMES INTERNATIONAL SCA	0.005164
HEXAGON AB CLASS B	0.000522
HIKARI TSUSHIN INC ORD	0.000590
HIKMA PHARMACEUTICALS PLC	0.001325
HIROSE ELECTRIC CO LTD ORD	0.000751
HISAMITSU PHARMACEUTICAL CO INC	0.000128
HITACHI LTD	0.002420
HKT TRUST AND HKT LTD	0.000593
HOLCIM LTD	0.002255
HOLMEN AB	0.000315
HONDA MOTOR	0.003385
HONG KONG EXCHANGES & CLEARING O	0.001387
HONGKONG LAND HOLDINGS LTD ORD	0.000400
HOSHIZAKI CORP	0.000175
HOYA CORP ORD	0.002664
HSBC HOLDINGS PLC	0.005913
HUHTAMAKI OYJ	0.000207
HULIC CO LTD	0.000376
IBERDROLA SA	0.003283
IBIDEN CO LTD	0.000785
ICL GROUP LTD	0.000446
ICON PLC	0.000479
IDP EDUCATION LTD	0.001322
IGO LTD	0.000885
IHI CORP	0.000793
INDUSTRIA DE DISENO TEXTIL SA	0.004739
INDUSTRIVAERDEN AB ORD C	0.000261
INDUSTRIVARDEN AB CLASS A	0.000200
INDUTRADE AB	0.000602
INFINEON TECHNOLOGIES AG	0.000823
INFORMA PLC	0.000960
INFRASTRUTTURE WIRELESS ITALIANE	0.000339
INFRAFRATIL LTD	0.000741
ING GROEP NV	0.002132
INPOST SA	0.000341
INSURANCE AUSTRALIA GROUP LTD OR	0.000366
INTERCONTINENTAL HOTELS GROUP PL	0.000493
INTERMEDIATE CAPITAL GROUP PLC	0.000490
INTERNATIONAL CONSOLIDATED AIRLI	0.000605
INTERTEK GROUP PLC	0.000361
INTESA SANPAOLO SPA	0.000624
INVESTOR AB CLASS B	0.000958
INVESTOR AB ORD A	0.000299

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ISETAN MITSUKOSHI HOLDINGS LTD O	0.000357
ISUZU MOTORS LTD ORD	0.000124
ITO EN LTD ORD	0.001085
J FRONT RETAILING CO LTD ORD	0.002713
JAMES HARDIE INDUSTRIES PLC	0.000894
JAPAN AIRLINES CO LTD	0.000505
JAPAN EXCHANGE GROUP INC	0.000175
JAPAN METROPOLITAN FUND INVESTME	0.000424
JAPAN POST BANK CO LTD	0.000777
JAPAN POST HOLDINGS CO LTD	0.003323
JAPAN POST INSURANCE CO LTD	0.002384
JD SPORTS FASHION PLC	0.003655
JDE PEETS BV	0.001581
JERONIMO MARTINS SGPS SA	0.002489
JOHNSON MATTHEY PLC	0.000150
JS GLOBAL LIFESTYLE CO LTD	0.000821
JTEKT CORP (KOYO SEIKO) ORD	0.000568
KAJIMA CORP ORD	0.000447
KAKAKU.COM INC	0.001445
KAO CORP	0.000547
KAWASAKI HEAVY INDUSTRIES ORD	0.001859
KAWASAKI KISEN KAISHA LTD	0.001813
KBC GROUPE SA	0.000297
KDDI CORP (DDI) ORD	0.002823
KEIHAN HOLDINGS CO LTD	0.000184
KEIKYU (KEIHIN ELECTRIC EXP) ORD	0.000746
KEIO (KEIO ELECTRIC RAIL) CORP O	0.000188
KEISEI ELECTRIC RAILWAY CO LTD O	0.000543
KEPPEL CORP LTD ORD	0.000633
KEPPEL DC REIT	0.000226
KERING SA	0.002998
KERRY GROUP PLC-A	0.000467
KESKO OYJ CLASS B	0.000234
KEWPIE (QP) CORP ORD	0.000798
KEYENCE CORP ORD	0.001457
KGHM POLSKA MIEDZ SA	0.000284
KIKKOMAN CORP ORD	0.000582
KINGFISHER PLC	0.000464
KINTETSU GROUP HOLDINGS CO LTD	0.001042
KIRIN HOLDINGS (BREWERY) CO LTD	0.001194
KNORR-BREMSE AG	0.001575
KOBAYASHI PHARMACEUTICAL LTD ORD	0.000382
KOMATSU LTD	0.000605
KONAMI GROUP CORP	0.000126
KONE OYJ CLASS B	0.000398
KONINKLIJKE DSM NV	0.000581
KONINKLIJKE PHILIPS NV	0.001032
KOSE CORP ORD	0.001396
KUBOTA CORP	0.000179
KUEHNE & NAGEL INTERNATIONAL AG	0.002863
KURARAY CO LTD	0.000222
KYOCERA CORP ORD	0.001034
KYOWA KIRIN CO LTD	0.000460
KYUSHU RAILWAY COMPANY	0.000912
L E LUNDBERGFÖRETAGEN AB CLASS B	0.000245
L OREAL SA	0.007435
LAND SECURITIES GROUP PLC	0.000425
LAWSON INC ORD	0.001275
LEGAL & GENERAL GROUP PLC ORD	0.001232
LEGRAND SA	0.001009
LENDLEASE GROUP ORD	0.000427
LEROY SEAFOOD GROUP ASA	0.000350
LIBERTY GLOBAL PLC - CLASS A	0.001140
LIBERTY GLOBAL PLC - CLASS C	0.001768
LINK REIT	0.000630
LION CORP	0.000745
LLOYDS BANKING GROUP PLC	0.002889
LM ERICSSON TELEFON AB CLASS B	0.001910
LONDON STOCK EXCHANGE GROUP ORD	0.001023
LONZA GROUP AG	0.000868
LOTTERY CORPORATION LTD	0.002558
LVMH MOËT HENNESSY LOUIS VUITTON	0.014866
LYNAS RARE EARTHS LTD	0.000146
MACQUARIE GROUP LTD ORD	0.002354

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MAINFREIGHT LTD	0.000429
MAPFRE SA	0.001992
MAPLETREE INDUSTRIAL TRUST	0.000260
MAPLETREE LOGISTICS TRUST	0.000247
MAPLETREE PAN ASIA COMMERCIAL TR	0.000345
MARUI GROUP CO LTD (MARUI CO) OR	0.000231
MATSUKIYOCOCOKARA & CO	0.000884
MAYR-MELNHOF KARTON AG	0.000221
MAZDA MOTOR CORP ORD	0.000381
MCDONALDS HOLDING CO JAPAN ORD	0.000209
MEBUKI FINANCIAL GROUP INC	0.001327
MEDIBANK PRIVATE	0.000365
MEDIOBANCA SPA	0.000181
MEDIPAL HLDGS (MEDICEO PALTAC) O	0.001001
MEIJI HOLDINGS CO LTD	0.000461
MERCEDES-BENZ GROUP AG	0.004746
MERCK KGAA	0.001421
MERCURY NZ LTD	0.000329
MERIDIAN ENERGY LTD	0.000390
METSO OUTOTEC OYJ	0.000490
MILLICOM INTL CELLULAR SA	0.001214
MINERAL RESOURCES LTD ORD	0.000600
MIRVAC GROUP	0.000490
MISUMI GROUP INC ORD	0.001426
MITSUBISHI ELECTRIC CORP	0.000553
MITSUBISHI ESTATE CO LTD ORD	0.000704
MITSUBISHI HC CAPITAL INC	0.000765
MITSUBISHI HEAVY INDUSTRIES LTD	0.002407
MITSUBISHI MOTORS CORP ORD	0.001088
MITSUBISHI UFJ FINANCIAL GRO	0.003512
mitsui fudosan CO LTD ORD	0.000385
mitsui O.S.K. LINES LTD	0.002005
MIZUHO FINANCIAL GROUP INC	0.001955
MONCLER SPA	0.002248
MONDI PLC	0.000458
MONOTARO CO LTD	0.001483
MS&AD INS (mitsui SUMITOMO) ORD	0.000945
MTR CORPORATION LTD	0.000538
MTU AERO ENGINES AG	0.000593
MUNICH REINSURANCE COMPANY	0.002208
MURATA MANUFACTURING LTD ORD	0.000883
NABTESCO CORP ORD	0.000147
NAGOYA RAILROAD CO LTD ORD	0.000461
NATIONAL AUSTRALIA BANK LTD	0.003825
NATWEST GROUP PLC	0.001389
NAVIGATOR COMPANY SA	0.000950
NEC CORP ORD	0.000650
NEL ASA	0.000282
NESTLE SA	0.019602
NEW WORLD DEVELOPMENT CO LTD ORD	0.001655
NEXI SPA	0.000600
NEXON CO. LTD	0.000337
NEXT PLC	0.002244
NGK INSULATORS LTD ORD	0.000233
NGK SPARK PLUG CO LTD ORD	0.001076
NIBE INDUSTRIER AB	0.000363
NICHIREI CORP ORD	0.000460
NIDEC CORP ORD	0.000113
NINTENDO CO LTD	0.001981
NIPPON BUILDING FUND INC.	0.000352
NIPPON PAINT HOLDINGS CO LTD	0.000226
NIPPON PROLOGIS REIT INC	0.000317
NIPPON SHINYAKU CO LTD	0.000498
NIPPON STEEL CORP	0.000623
NIPPON TELEGRAPH & TELEPHONE ORD	0.006436
NIPPON TELEVISION NETWORK CORP O	0.001432
NIPPON YUSEN KK	0.002402
NISSAN CHEMICAL CORP	0.000826
NISSIN FOODS HOLDINGS CO LTD	0.000806
NITORI HOLDINGS CO LTD	0.001115
NITTO DENKO CORP	0.000921
NN GROUP NV	0.002548
NOKIA OYJ	0.001469
NOMURA HOLDINGS INC ORD	0.000290

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Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index Hypothetical Weights for 2/9/2023

Name	Weight
NOMURA REAL ESTATE HOLDINGS INC	0.000712
NOMURA REAL ESTATE MASTER FUND I	0.000353
NORDEA BANK ABP	0.001401
NORDIC SEMICONDUCTOR ASA	0.000239
NORSK HYDRO ASA	0.001501
NOVARTIS AG	0.012862
NOVO NORDISK A/S	0.015616
NOVOZYMES AS CLASS B	0.000665
NSK LTD	0.000140
NTT DATA CORP ORD	0.000249
NXP SEMICONDUCTOR NV	0.001323
OBAYASHI CORP ORD	0.000917
OBIC CO LTD ORD	0.000196
ODAKYU ELECTRIC RAILWAY CO LTD	0.000203
OJI PAPER CO LTD	0.000415
OLAM GROUP LTD	0.000138
OLYMPUS	0.001998
ONO PHARMACEUTICAL CO LTD ORD	0.001174
ORACLE CORP JAPAN ORD	0.000168
ORANGE SA	0.001029
ORICA LTD ORD	0.000344
ORIENTAL LAND CO LTD ORD	0.000635
ORION OYJ CLASS B	0.002063
ORIX CORP ORD	0.001172
ORIX JREIT INC ORD	0.000439
ORKLA ASA	0.000444
OTSUKA HOLDINGS CO LTD ORD	0.001493
OVERSEA-CHINESE BANKING CORP	0.002719
PAN PACIFIC INTERNATIONAL HOLD	0.000746
PANASONIC HOLDINGS CORP	0.001026
PANDORA A/S	0.002680
PARK 24 CO LTD ORD	0.000468
PARTNERS GROUP HOLDING AG	0.002420
PEARSON PLC	0.000427
PERNOD RICARD SA	0.002003
PERSOL HOLDINGS CO LTD	0.002187
PHOENIX GROUP HOLDINGS	0.000402
PHOENIX HOLDINGS LTD/THE	0.001688
PILBARA MINERALS LTD	0.001268
PIRELLI & C SPA	0.000280
PLUS500 LTD	0.002328
POLA ORBIS HOLDINGS INC ORD	0.001507
PORSCHE AUTOMOBIL HOLDING SE	0.000202
POSTE ITALIANE SPA	0.001097
POWSZECHNY ZAKLAD UBEZPIECZE	0.000370
PRADA SPA	0.001675
PROSUS NV	0.001490
PROXIMUS SA DE DROIT PUBLIC	0.000236
PRUDENTIAL PLC	0.001069
PRYSMIAN SPA	0.000514
PUMA SE	0.002608
QANTAS AIRWAYS LTD ORD	0.000739
QBE INSURANCE GROUP LTD	0.001069
RAKUS CO LTD	0.001436
REA GROUP LTD	0.000628
RECKITT BENCKISER GROUP PLC	0.002104
RECORDATI SPA	0.000413
RECRUIT HOLDINGS CO LTD	0.002494
RED ELECTRICA CORP SA	0.001110
RELX PLC	0.003010
RENESAS ELECTRONICS (NEC ELECT)	0.001387
RENTOKIL INITIAL PLC	0.000516
RESONA HOLDINGS (DAIWA BANK) ORD	0.001161
RICOH CO LTD	0.001442
RIGHTMOVE PLC	0.002707
RIO TINTO LTD	0.003169
RIO TINTO PLC	0.004926
ROCHE HOLDING AG	0.015951
ROCHE HOLDING AG ORD BRR	0.002678
ROHM CO LTD ORD	0.000323
ROYAL AHOLD DELHAIZE NV	0.004559
ROYAL KPN NV	0.001071
RYANAIR HOLDINGS PLC	0.000366
RYOHIN KEIKAKU CO LTD ORD	0.002345

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Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index Hypothetical Weights for 2/9/2023

Name	Weight
SAAB AB CLASS B	0.001223
SAGAX AB-B	0.000169
SAGAX AB-D	0.000345
SAGE GROUP PLC	0.001515
SAMPO OYJ CLASS A	0.002162
SANDS CHINA LTD	0.000200
SANDVIK AB	0.000201
SANOFI SA	0.007753
SANTEN PHARMACEUTICAL CO LTD ORD	0.000647
SAP SE	0.004940
SARTORIUS AG PREF	0.000253
SARTORIUS STEDIM BIOTECH SA	0.001341
SBI HOLDINGS INC ORD	0.003042
SCENTRE GROUP	0.000920
SCHINDLER HOLDING AG	0.001363
SCHINDLER HOLDING AG ORD	0.001183
SCHNEIDER ELECTRIC SE	0.003986
SCHROEDERS PLC ORD	0.000225
SCREEN HOLDINGS CO LTD	0.000937
SCSK (SUMISHO COMPUTER SYS) ORD	0.000360
SEA LTD	0.000489
SECOM CO LTD ORD	0.000711
SECURITAS AB CLASS B	0.000763
SEGA SAMMY HOLDINGS INC	0.000526
SEGRO PLC	0.000397
SEIBU HOLDINGS INC	0.000483
SEIKO EPSON CORP ORD	0.001414
SEKISUI CHEMICAL CO LTD ORD	0.000658
SEKISUI HOUSE LTD ORD	0.000637
SEVEN BANK LTD ORD	0.000324
SEVEN GROUP HOLDINGS LTD ORD	0.000534
SEVERN TRENT PLC	0.000436
SG HOLDINGS CO LTD	0.000243
SGS SA	0.002960
SHIMADZU CORP ORD	0.000605
SHIMAMURA CORP ORD	0.001319
SHIMANO INC	0.000225
SHIMIZU CORP ORD	0.000210
SHIN-ETSU CHEMICAL CO LTD	0.001063
SHINKO ELECTRIC INDUSTRIES LTD O	0.000364
SHIONOGI & CO LTD ORD	0.000562
SHISEIDO CO LTD	0.003220
SHIZUOKA FINANCIAL GROUP INC	0.000362
SHUFERSAL LTD ORD B	0.001278
SIEMENS AG	0.005354
SIEMENS ENERGY AG	0.001973
SIEMENS HEALTHINEERS AG	0.000564
SIKA AG	0.001080
SINGAPORE AIRLINES LTD ORD	0.000796
SINGAPORE EXCHANGE (SGX) LTD ORD	0.001946
SINGAPORE TECH ENGINEERING	0.000140
SINGAPORE TELECOMMUNICATIONS LIM	0.000947
SINO BIOPHARMACEUTICAL LTD ORD	0.000523
SINO LAND CO LTD ORD	0.000761
SKANDINAVISKA ENSKILDA BANKEN AB	0.000833
SKANSKA AB CLASS B	0.000313
SMC CORP ORD	0.000508
SMITH & NEPHEW PLC	0.000632
SMITHS GROUP PLC	0.001335
SMURFIT KAPPA GROUP PLC	0.000386
SOCIETE GENERALE SA CLASS A	0.002508
SODEXO SA	0.000568
SOFTBANK CORP	0.001491
SOFTBANK GROUP CORP	0.002546
SOHGO SECURITY SERVICES CO LTD O	0.000813
SOLVAY SA	0.000531
SOMPO HOLDINGS INC	0.000831
SONIC HEALTHCARE (TECH AUST) ORD	0.001105
SONY GROUP CORP	0.003090
SPAREBANK 1 SR BANK ASA	0.000381
SPARK NEW ZEALAND LTD	0.000644
SPIRAX SARCO ENGINEERING PLC	0.000416
SQUARE ENIX HOLDINGS CO LTD ORD	0.000992
SSAB (SSAB SWEDISH STEEL) AB ORD	0.003220

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Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index Hypothetical Weights for 2/9/2023

Name	Weight
SSAB AB	0.002290
ST JAMES S PLACE PLC ORD	0.000939
STANDARD CHARTERED PLC	0.001196
STANLEY ELECTRIC CO LTD	0.000165
STELLANTIS NV	0.001606
STMICROELECTRONICS NV	0.001981
STOCKLAND	0.000729
STORA ENSO OYJ CLASS R	0.001507
STOREBRAND ASA	0.000310
STRAUMANN HOLDING AG	0.001939
SUBARU CORP	0.000833
SUGI HOLDINGS (SUGI PHARM) ORD	0.001881
SUMCO CORP	0.000586
SUMITOMO MITSUI FINANCIAL GR	0.003202
SUMITOMO MITSUI TRUST HOLDINGS O	0.000910
SUMITOMO PHARMA CO LTD	0.001522
SUMITOMO REALTY & DEVELOPMNT ORD	0.000183
SUN HUNG KAI PROPERTIES	0.001111
SUNCORP GROUP LTD	0.001039
SUNDRUG CO LTD ORD	0.002083
SUNTEC REAL ESTATE INV TRUST	0.000352
SUNTORY BEVERAGE & FOOD LTD	0.000982
SUZUKEN CO LTD ORD	0.000386
SVENSKA CELLULOSA AKTIEBOLAGET C	0.000348
SVENSKA HANDELSBANKEN AB CLASS A	0.001099
SVENSKA HANDELSBANKEN AB ORD B	0.000554
SWATCH GROUP AG	0.002445
SWATCH GROUP AG	0.002797
SWECO AB-B S	0.000381
SWEDBANK AB CLASS A	0.001019
SWEDISH ORPHAN BIOVITRUM AB	0.000955
SWIRE PACIFIC LTD ORD A	0.001495
SWIRE PACIFIC LTD ORD B	0.000482
SWIRE PROPERTIES LTD	0.000542
SWISS RE AG	0.001495
SWISSCOM AG	0.000970
SYMRISE AG	0.000627
SYSTEMEX CORP ORD	0.000800
TAISEI CORP ORD	0.001143
TAISHO PHARMACEUTICAL HOLDINGS C	0.000342
TAKEDA PHARMACEUTICAL	0.004059
TALANX AG	0.001275
TAYLOR WIMPEY PLC	0.000540
TBS HOLDINGS INC	0.000263
TECHTRONIC INDUSTRIES CO LTD ORD	0.000851
TEIJIN LTD	0.001891
TELE2 AB	0.000274
TELEFONICA DEUTSCHLAND HOLDING A	0.000995
TELEFONICA SA	0.001375
TELENOR ASA	0.000210
TELEPERFORMANCE SE	0.000377
TELIA CO AB	0.000641
TELSTRA GROUP LTD	0.001840
TERNA SPA	0.001164
TERUMO CORP	0.000459
TEVA PHARMACEUTICAL IND LTD	0.002937
THULE GROUP AB/THE	0.000264
TIS INC	0.000383
TOBU RAILWAY CO LTD	0.000601
TOHO CO LTD ORD	0.000216
TOKIO MARINE HOLDINGS INC	0.001943
TOKYO ELECTRON LTD ORD	0.002829
TOKYO FUDOSAN HOLDINGS CORP	0.001287
TOKYU CORP	0.000537
TOMRA SYSTEMS ASA	0.001319
TOPPAN INC	0.000857
TORAY INDUSTRIES INC ORD	0.000907
TOSOH CORP	0.000331
TOWER SEMICONDUCTOR LTD	0.000788
TOYO SUISAN KAISHA LTD	0.000511
TOYOTA BOSHOKU CORP ORD	0.001356
TOYOTA MOTOR CORP	0.005204
TOYOTA TSUSHO CORP ORD	0.000296
TPG TELECOM LTD	0.001234

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Goldman Sachs ActiveBeta® Paris-Aligned International Equity Index Hypothetical Weights for 2/9/2023

Name	Weight
TRANSURBAN GROUP	0.001263
TREASURY WINE ESTATES LIMITED	0.000873
TRELLEBORG AB CLASS B	0.000399
TREND MICRO INC	0.000929
TRYG AS	0.000724
TSURUHA HOLDINGS INC ORD	0.001822
UBS GROUP AG	0.004021
UCB SA	0.001526
UMICORE	0.000263
UNICHARM CORP ORD	0.000697
UNICREDIT SPA	0.001190
UNILEVER PLC	0.005256
UNIPOLSAI ASSICURAZIONI SPA	0.000622
UNITED OVERSEAS BANK LTD	0.002050
UNITED URBAN INV CORP (REIT) ORD	0.000438
UNITED UTILITIES PLC	0.000470
UNIVERSAL MUSIC GROUP NV	0.000980
UOL GROUP LTD ORD	0.000440
UPM-KYMMENE OYJ	0.000966
USS CO (TOKAI) LTD ORD	0.000939
VANTAGE TOWERS AG	0.000289
VENTURE CORPORATION LIMITED	0.000339
VESTAS WIND SYSTEMS A/S	0.000354
VICINITY CENTRES	0.000955
VIENNA INSURANCE GROUP AG	0.001211
VINCI SA	0.005374
VODAFONE GROUP PLC	0.002894
VOLKSWAGEN AG	0.001388
VOLKSWAGEN AG PREF	0.002087
VOLVO AB CLASS B	0.001085
VOLVO AB ORD A	0.000200
VOLVO CAR AB-B W/I	0.000206
VONOVIA SE	0.000333
WAREHOUSES DE PAUW SCA	0.000198
WELCIA HOLDINGS CO LTD	0.002185
WESFARMERS LTD	0.002907
WEST JAPAN RAILWAY CO	0.000383
WESTPAC BANKING CORPORATION	0.002852
WH GROUP LTD	0.002330
WHARF HOLDINGS LTD ORD	0.000500
WHARF REAL ESTATE INVESTMENT COM	0.000661
WIENERBERGER AG	0.000943
WIX.COM LTD	0.000251
WOLTERS KLUWER NV	0.002802
WOOLWORTHS GROUP LTD	0.003505
WORLDLINE SA	0.001028
WPP PLC	0.000667
XERO LTD	0.000208
YAKULT HONSHA CO LTD ORD	0.001465
YAMADA HOLDINGS CO LTD	0.000343
YAMAHA CORP ORD	0.000258
YAMATO HDG.	0.000305
YAMAZAKI BAKING CO LTD	0.001629
YANGZIJANG SHIPBUILDING HOLDING	0.002137
YOKOGAWA ELECTRIC CORP ORD	0.001188
YOKOHAMA RUBBER CO LTD ORD	0.000200
ZALANDO SE	0.003260
ZIM INTEGRATED SHIPPING SERVICES	0.001947
ZOZO INC	0.002679
ZURICH INSURANCE GROUP AG	0.003703

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