

Exclusion	Name	City/State/Country		
1	Douglas J Morgan (Dec'd) (c/o Cheryl J Morgan)	Alpharetta	GA	US
2	Joann J Shurpit TTEE	Chicago	IL	US
3	Deutsche International Custodial Services Limited, solely in its capacity as trustee of dbX-Risk Arbitrage 1 Fund	St Heller, Jersey	Channel Islands	UK
4	Alan Michaud	Monroe	MI	US
5	Vinod D Patel	Roselle	IL	US
6	Rosaline Delargy	Belfast	Northern Ireland	UK
7	Harel Insurance Company Ltd	San Diego	CA	US
8	E.M.I.-Ezer Mortgage Insurance Company Ltd	San Diego	CA	US
9	Israeli Shares Partnership	San Diego	CA	US
10	Harel Pension and Provident Ltd	San Diego	CA	US
11	Harel Insurance Company Ltd	San Diego	CA	US
12	E.M.I.-Ezer Mortgage Insurance Company Ltd	San Diego	CA	US
13	Israeli Shares Partnership	San Diego	CA	US
14	Harel Pension and Provident Ltd	San Diego	CA	US
15	TIAA-CREF Investment Management, LLC	San Diego	CA	US
16	Teachers Advisors, LLC	San Diego	CA	US
17	CREF Equity Index Account	San Diego	CA	US
18	CREF Global Equities Account	San Diego	CA	US
19	CREF Growth Account	San Diego	CA	US
20	CREF Stock Account	San Diego	CA	US
21	TIAA-CREF Enhanced Large-Cap Value Index Fund	San Diego	CA	US
22	TIAA-CREF Enhanced Large-Cap Growth Index	San Diego	CA	US
23	TIAA-CREF Equity Index Fund	San Diego	CA	US
24	TIAA-CREF Large-Cap Growth Index Fund	San Diego	CA	US
25	TIAA-CREF Large-Cap Value Index Fund	San Diego	CA	US
26	TIAA-CREF Mid-Cap Value Fund	San Diego	CA	US
27	TIAA-CREF S&P 500 Index Fund	San Diego	CA	US
28	TIAA-CREF Life Stock Index Fund	San Diego	CA	US
29	TIAA-CREF Life Growth Equity Fund	San Diego	CA	US
30	Teachers Insurance and Annuity Association of America - Active Extension Fund III, LLC	San Diego	CA	US
31	TIAA-CREF Separate Account Variable Annuity I- TIAA Stock Index Account	San Diego	CA	US
32	Harel Insurance Company Ltd	San Diego	CA	US
33	E.M.I.-Ezer Mortgage Insurance Company Ltd	San Diego	CA	US
34	Israeli Shares Partnership	San Diego	CA	US
35	Harel Pension and Provident Ltd	San Diego	CA	US

36	Catherine Batty	Barton le Clay	Bedfordshire	UK
37	Highfields Capital I LP	Boston	MA	US
38	Highfields Capital II LP	Boston	MA	US
39	Highfields Capital III LP	Boston	MA	US
40	Discovery Global Citizens Master Fund Ltd	South Norwalk	CT	US
41	Discovery Global Focus Master Fund Ltd	South Norwalk	CT	US
42	Discovery Global Macro Master Fund Ltd	South Norwalk	CT	US
43	Discovery Global Opportunity Master Fund Ltd	South Norwalk	CT	US
44	Map 98 Segregated Portfolio	Evanston	IL	US
45	Oceana Master Fund Ltd	Evanston	IL	US
46	Pentwater Event Driven Cayman Fund Ltd	Evanston	IL	US
47	Amundi Absolute Return Pentwater Fund PLC (fka AAI Pentwater Fund PLC - Pentwater Event Equity Reflection Fund)	Evanston	IL	US
48	Pentwater Equity Opportunities Master Fund Ltd	Evanston	IL	US
49	Pentwater Merger Arbitrage Master Fund Ltd	Evanston	IL	US
50	PWCM Master Fund Ltd	Evanston	IL	US
51	York Capital Management LP	New York	NY	US
52	York Multi-Strategy Master Fund LP	New York	NY	US
53	Fidelis York Fund LP	New York	NY	US
54	Jorvik Multi-Strategy Master Fund LP	New York	NY	US
55	York Select Master Fund LP	New York	NY	US
56	York Select LP	New York	NY	US
57	York Select Investors Master Fund LP	New York	NY	US
58	Hudson Bay Master Fund Ltd	New York	NY	US
59	Hudson Bay Merger Arbitrage Opportunities Master Fund Ltd	New York	NY	US
60	Universities Superannuation Scheme Limited	London	England	GB
61	Burlington Loan Management DAC (fka Burlington Loan Management Limited)	New York	NY	US
62	Mason Capital LP	New York	NY	US
63	Mason Capital Ltd	New York	NY	US
64	WCM Alternatives: Event-Driven Fund	Valhalla	NY	US
65	WCM Master Trust	Valhalla	NY	US
66	The Merger Fund	Valhalla	NY	US
67	The Merger Fund VL	Valhalla	NY	US
68	JNL/Westchester Capital Even Driven Fund	Valhalla	NY	US
69	Starboard Value and Opportunity C LP	New York	NY	US

70	Starboard Value and Opportunity Master Fund Ltd	New York	NY	US
71	Starboard Leaders Kilo LLC	New York	NY	US
72	Starboard Leaders Select III LP	New York	NY	US
73	Starboard Value and Opportunity S LLC	New York	NY	US
74	BlackRock Health Sciences Opportunities Portfolio	New York	NY	US
75	BGF US Growth Fund	New York	NY	US
76	BlackRock Health Sciences Trust (BME)	New York	NY	US
77	BGF Global Dynamic Equity Fund	New York	NY	US
78	BGF Global Allocation Fund - (US Portfolio)	New York	NY	US
79	BlackRock US Opportunities Fund	New York	NY	US
80	BlackRock Capital Appreciation Fund, Inc	New York	NY	US
81	Global Allocation Fund	New York	NY	US
82	BlackRock Capital Appreciation Portfolio of BlackRock Series Fund, Inc.	New York	NY	US
83	BlackRock Capital Appreciation V.I. Fund of BlackRock Variable Series Fund	New York	NY	US
84	BlackRock Global Allocation V.I. Fund (US)	New York	NY	US
85	BlackRock Global Allocation Portfolio of BlackRock Series Fund, Inc.	New York	NY	US
86	Master Focus Growth LLC	New York	NY	US
87	BlackRock S&P 500 V.I. Fund of BlackRock Variable Series Funds, Inc.	New York	NY	US
88	iShares North American Equity Index Fund (UK)	New York	NY	US
89	BIPF BlackRock Global Enhanced Index Fund	New York	NY	US
90	BlackRock Global Allocation Fund (Aust) - Active	New York	NY	US
91	BGF ESG Multi-Asset Fund - Global Equity - Balanced Funds Pf	New York	NY	US
92	Diversified Equity Russell 1000 Alpha Tilts	New York	NY	US
93	iShares MSCI ACWI UCITS ETF USD (Acc)	New York	NY	US
94	BGF US Small & MidCap Opportunities Fund	New York	NY	US
95	Russell 1000 Alpha Tilts Fund E	New York	NY	US
96	U.S. Fundamental Large Cap Growth Fund	New York	NY	US
97	BGF World Healthscience Fund	New York	NY	US
98	iShares Core S&P 500 UCITS ETF USD (Dist)	New York	NY	US
99	iShares MSCI USA Islamic UCITS ETF USD (Dist)	New York	NY	US
100	iShares MSCI World Islamic UCITS ETF USD (Dist)	New York	NY	US
101	iShares MSCI North America UCITS ETF USD (Dist)	New York	NY	US
102	iShares MSCI World UCITS ETF USD (Dist)	New York	NY	US
103	iShares MSCI ACWI ETF	New York	NY	US
104	iShares U.S. Healthcare ETF	New York	NY	US
105	iShares U.S. Pharmaceuticals ETF	New York	NY	US
106	iShares Dow Jones U.S. ETF	New York	NY	US

107	iShares MSCI Kokusai ETF	New York	NY	US
108	iShares Morningstar Large-Cap Growth ETF	New York	NY	US
109	iShares Morningstar Mid-Cap ETF	New York	NY	US
110	iShares Morningstar Mid-Cap Value ETF	New York	NY	US
111	iShares Russell 1000 ETF	New York	NY	US
112	iShares Russell 1000 Growth ETF	New York	NY	US
113	iShares Russell 1000 Value ETF	New York	NY	US
114	iShares Russell 3000 ETF	New York	NY	US
115	iShares Core S&P U.S. Growth ETF	New York	NY	US
116	iShares Core S&P U.S. Value ETF	New York	NY	US
117	iShares Russell Mid-Cap ETF	New York	NY	US
118	iShares Russell Mid-Cap Growth ETF	New York	NY	US
119	iShares Russell Mid-Cap Value ETF	New York	NY	US
120	iShares Global Healthcare ETF	New York	NY	US
121	iShares Core S&P Total U.S. Stock Market ETF	New York	NY	US
122	iShares Core S&P 500 ETF	New York	NY	US
123	iShares S&P 500 Growth ETF	New York	NY	US
124	iShares S&P 500 Value ETF	New York	NY	US
125	S&P 500 Index Master Portfolio	New York	NY	US
126	iShares Core MSCI World UCITS Common Pool	New York	NY	US
127	BlackRock CDN US Alpha Tilts Non-Taxable Fund	New York	NY	US
128	BlackRock CDN US Equity Index Fund	New York	NY	US
129	BlackRock CDN US Equity Index Non-Taxable Fund	New York	NY	US
130	Aquila Life US Equity Index Fund	New York	NY	US
131	Ascent Life US Equity Fund	New York	NY	US
132	BlackRock US Equity Millennium Sub-Fund	New York	NY	US
133	iShares North America Index Fund (IE) - Common Pool	New York	NY	US
134	Equity Index Non-Lendable Fund B	New York	NY	US
135	MSCI U.S. Equity Index Fund B	New York	NY	US
136	Russell 1000 Growth Fund B	New York	NY	US
137	Russell 1000 Value Fund B	New York	NY	US
138	Russell 1000 Alpha Tilts Fund B	New York	NY	US
139	Alpha Tilts Fund B	New York	NY	US
140	iShares Wholesale International Equity Index Fund	New York	NY	US
141	Ascent Life Enhanced Global Equity	New York	NY	US
142	Russell 1000 Growth Non-Lendable Fund	New York	NY	US
143	Russell 1000 Value Non-Lendable Fund	New York	NY	US
144	Alpha Advantage 3000 Fund	New York	NY	US
145	Active Stock Fund E	New York	NY	US
146	Equity Growth Non-Lendable Fund	New York	NY	US
147	Equity Index Fund	New York	NY	US

148	Equity Index Non-Lendable Fund	New York	NY	US
149	Equity Index Fund B	New York	NY	US
150	Large Capitalization Core Tilts ESG Screened Fund B	New York	NY	US
151	Russell 1000 Growth Fund	New York	NY	US
152	Russell 1000 Index Fund	New York	NY	US
153	Russell 1000 Index Non-Lendable Fund	New York	NY	US
154	Russell 1000 Index Plus Fund	New York	NY	US
155	Russell 1000 Value Fund	New York	NY	US
156	Russell 3000 Index Fund	New York	NY	US
157	Russell 3000 Index Non-Lendable Fund	New York	NY	US
158	Equity Index Plus Fund A - Custody Sleeve	New York	NY	US
159	U.S. Equity Market Fund	New York	NY	US
160	U.S. Equity Market Fund B	New York	NY	US
161	Equity Value Non-Lendable Fund	New York	NY	US
162	CBJ #65429-0016 Global Equity	New York	NY	US
163	BLK #900002 Global Equity	New York	NY	US
164	32 Capital Fund - GELS - CITI	New York	NY	US
165	Ascent Life Overseas Equity Fund	New York	NY	US
166	GMN B Fund - GELS - CITI	New York	NY	US
167	BIF GEM Sub Account	New York	NY	US
168	BlackRock High Equity Income Fund	New York	NY	US
169	BlackRock Mid-Cap Growth Equity Portfolio	New York	NY	US
170	Alpha Advantage 500 Fund B - Citi	New York	NY	US
171	Alpha Advantage 500 Fund B - Morgan Stanley	New York	NY	US
172	iShares MSCI USA Equal Weighted ETF	New York	NY	US
173	iShares Developed World Index Fund (IE) Common Pool	New York	NY	US
174	AUS Global Developed Markets IMI Equity Sub-account	New York	NY	US
175	iShares MSCI World EUR Hedged UCITS ETF (Acc)	New York	NY	US
176	iShares S&P 500 EUR Hedged UCITS ETF (Acc)	New York	NY	US
177	iShares MSCI World GBP Hedged UCITS ETF (Acc)	New York	NY	US
178	iShares S&P 500 GBP Hedged UCITS ETF (Acc)	New York	NY	US
179	Aquila Life MSCI World Fund	New York	NY	US
180	BlackRock CDN Russell 3000 Index Non-Taxable Fund	New York	NY	US
181	Global Alpha Opportunities Master Fund Ltd. US Mid Horizon - Morgan Stanley	New York	NY	US
182	Aquila Life Global Developed Fundamental Weighted Index Fund	New York	NY	US
183	Fission GEM Sub Account	New York	NY	US
184	Large Cap Index Master Portfolio	New York	NY	US

185	U.S. Equity Index ESG Screened Fund B	New York	NY	US
186	BSF BlackRock ADEAR Large Cap - BAML	New York	NY	US
187	BSF BlackRock ADEAR Mid Horizon - MS	New York	NY	US
188	BSF BlackRock ADEAR Large Cap - MS	New York	NY	US
189	BlackRock Global Allocation Collective Fund	New York	NY	US
190	iShares MSCI World ETF	New York	NY	US
191	iShares US Fundamental Index ETF -Trading sleeve	New York	NY	US
192	Alpha Advantage 500 Fund B - CS	New York	NY	US
193	Global Alpha Opportunities Master Fund Ltd. US Mid-Horizon - CS	New York	NY	US
194	U.S. Large Cap Carbon Efficient ESG Equity Index Non-Lendable Fund B	New York	NY	US
195	MSCI U.S. IMI Index Fund B2	New York	NY	US
196	iShares US Equity Index Fund (UK)	New York	NY	US
197	Russell MidCap Index Non-Lendable Fund	New York	NY	US
198	iShares S&P 500 CHF Hedged UCITS ETF (Acc)	New York	NY	US
199	iShares World Equity Index Fund (LU)	New York	NY	US
200	iShares MSCI World CHF Hedged UCITS ETF (Acc)	New York	NY	US
201	iShares North America Equity Index Fund (LU)	New York	NY	US
202	FTSE EDHEC-Risk Efficient USA Index Fund	New York	NY	US
203	Russell 1000 Index Non-Lendable Fund B	New York	NY	US
204	BlackRock Global Long/Short Equity Fund - BAML	New York	NY	US
205	Global Alpha Opportunities Master Fund Ltd Cross Border - UBS CFD	New York	NY	US
206	MUGC/B Multi Asset Fund (Developed Equity)	New York	NY	US
207	iShares MSCI USA Momentum Factor ETF	New York	NY	US
208	iShares MSCI USA Size Factor ETF	New York	NY	US
209	iShares MSCI USA Value Factor ETF	New York	NY	US
210	iShares Core S&P 500 UCITS ETF - CP	New York	NY	US
211	iShares MSCI USA UCITS ETF USD (Acc)	New York	NY	US
212	Global Alpha Tilts Fund B	New York	NY	US
213	iShares Developed World ESG Screened Index Fund (IE)	New York	NY	US
214	MuSt GL - ML Physical	New York	NY	US
215	Global Thematic Alpha Master Fund Ltd - UBS Physicals	New York	NY	US
216	Global Thematic Alpha Master Fund Ltd - CT Physicals	New York	NY	US
217	BlackRock MSCI U.S. Equity Index Fund	New York	NY	US
218	BlackRock CDN World Index Fund	New York	NY	US
219	Alpha Advantage 3000 Fund - UBS	New York	NY	US
220	FTSE RAFI U.S. 1000 Index Fund	New York	NY	US

221	BlackRock MSCI U.S. Equity Index Non-Lendable Fund	New York	NY	US
222	CDN ACWI Alpha Tilts Fund	New York	NY	US
223	Developed ex-Fossil Fuel Index Fund B	New York	NY	US
224	iShares Core Dividend Growth ETF	New York	NY	US
225	BSF - BlackRock Global Long/Short Equity Fund - ML CFD	New York	NY	US
226	BSF - BlackRock Global Long/Short Equity Fund - MS CFD	New York	NY	US
227	ACS US Equity Tracker Fund - Common Pool	New York	NY	US
228	MSCI World Equity ESG Screened Index Fund B	New York	NY	US
229	MSCI U.S. Equity Index Non-Lendable Fund B	New York	NY	US
230	iShares Edge MSCI World Momentum Factor UCITS ETF Common Pool	New York	NY	US
231	iShares Edge MSCI World Value Factor UCITS Common Pool	New York	NY	US
232	BlackRock Diversified Distribution Fund - Global Equities ex EMU Portfolio	New York	NY	US
233	Aquila Life Global 3000 Fundamental Weighted Index Fund	New York	NY	US
234	iShares MSCI ACWI Low Carbon Target ETF	New York	NY	US
235	BSF BlackRock Systematic Global Equity Fund	New York	NY	US
236	iShares Russell Mid-Cap Index Fund	New York	NY	US
237	iShares MSCI Developed World Index Fund	New York	NY	US
238	Alpha Advantage Global Fund - CT Physical	New York	NY	US
239	Alpha Advantage Global Fund - MS Physical	New York	NY	US
240	Alpha Advantage Global Fund - ML Physical	New York	NY	US
241	BlackRock Systematic Global Long / Short Equity Fund - MS CFD	New York	NY	US
242	iShares Total U.S. Stock Market Index Fund	New York	NY	US
243	World Alpha Tilts Fund	New York	NY	US
244	Multi-Strategy Fund US Mid-Horizon - Citi	New York	NY	US
245	Global Alpha Opportunities Master Fund Ltd Cross Border - ML CFD	New York	NY	US
246	Global Alpha Opportunities Master Fund Ltd. US Mid-Horizon - ML Physicals	New York	NY	US
247	S&P 500 Equal Weight Equity Index Fund	New York	NY	US
248	iShares S&P 500 Health Care Sector UCITS ETF Common Pool	New York	NY	US
249	Global Alpha Tilts Fund A	New York	NY	US
250	Kokusai Equity Index Fund	New York	NY	US
251	iShares Edge MSCI USA Value Factor UCITS Common Pool	New York	NY	US
252	Diversified Equity - GTAA Equity Themes	New York	NY	US

253	iShares Edge MSCI USA Size Factor Index Fund	New York	NY	US
254	iShares Edge MSCI USA Value Factor Index Fund	New York	NY	US
255	Carmignac Gestion, S.A.	Radnor	PA	US
256	Kuwait Investment Authority and Kuwait Investment Office	Radnor	PA	US
257	Principal Funds, Inc. and Principal Variable Contracts Funds, Inc.	Radnor	PA	US
258	Aberdeen Canada Funds - Global Equity Fund, a series of Aberdeen Canada Funds	Radnor	PA	US
259	Aberdeen Global - World Equity Fund (nka World Equity Fund, a sub-fund of Aberdeen Standard SICAV I)	Radnor	PA	US
260	Aberdeen Global Equity Fund, a series of Aberdeen Funds	Radnor	PA	US
261	Aberdeen Global Equity Fund, a series of Aberdeen Institutional Commingled Funds, LLC	Radnor	PA	US
262	Aberdeen Standard Fully Hedged International Equity Fund	Radnor	PA	US
263	Aberdeen Standard International Equity Fund	Radnor	PA	US
264	Aberdeen Standard Actively Hedged International Equities Fund	Radnor	PA	US
265	Aberdeen Islamic World Equity Fund (now known as Aberdeen Standard Islamic World Equity Fund)	Radnor	PA	US
266	Aberdeen Life Global (ex UK) Equity Fund (now known as ASI Life Global (ex UK) (Equity Fund)	Radnor	PA	US
267	Aberdeen Life World Equity Fund (now known as ASI Life Global Equity Fund)	Radnor	PA	US
268	Aberdeen Monceau	Radnor	PA	US
269	Aberdeen Multi Asset Fund, a sub-fund of Aberdeen Investment Funds ICVC (now known as ASI Multi-Asset Fund, a sub-fund of Aberdeen Standard OEC I)	Radnor	PA	US
270	Aberdeen World Asset Fund, a sub-fund of Aberdeen Investment Funds ICVC (now known as ASI Global Equity Fund, a sub-fund of Aberdeen Standard OEIC I)	Radnor	PA	US
271	Aberdeen North American Equity Enhanced Index Fund, a sub-fund of Aberdeen Investment Funds UK ICVC II (now known as ASI American Equity Enhanced Index Fund, a sub-fund of Aberdeen Standard OEIC IV)	Radnor	PA	US
272	Islamic Global Equity Fund, a sub-fund of Aberdeen Islamic SICAV (now known as Islamic Global Equity Fund, a sub-fund of Aberdeen Standard Islamic SICAV)	Radnor	PA	US
273	Aurion International Daily Equity Fund	Radnor	PA	US

274	City and County of Swansea Pension Fund	Radnor	PA	US
275	Devon County Council	Radnor	PA	US
276	Falkirk Council Pension Fund	Radnor	PA	US
277	Hampshire County Council - Global Equity Portfolio (now known as Hampshire Pension Fund Global Portfolio)	Radnor	PA	US
278	London Borough of Hounslow Superannuation Fund	Radnor	PA	US
279	Staffordshire Pension Fund	Radnor	PA	US
280	Desjardins Global Equity Value Fund	Radnor	PA	US
281	Hydro One Pension Plan	Radnor	PA	US
282	Shell Canada 2007 Pension Plan	Radnor	PA	US
283	I3 Global Equity Fund	Radnor	PA	US
284	LF Greenmount Fund	Radnor	PA	US
285	Permodalan Nasional Berhard	Radnor	PA	US
286	MTR Corporation Limited Retirement Scheme	Radnor	PA	US
287	National Pension Service	Radnor	PA	US
288	State of Idaho Endowment Fund Investment Board	Radnor	PA	US
289	Plaintiffs Schwab Capital Trust on behalf of its series Schwab S&P 500 Index Fund, Schwab Total Stock Market Index Fund, Schwab Fundamental U.S. Large Company Index Fund and Schwab Health Care Fund	Radnor	PA	US
290	Schwab Investments on behalf of its series Schwab 1000 Index Fund	Radnor	PA	US
291	Laudus Trust on behalf of its series Laudus U.S. Large Cap Growth Fund	Radnor	PA	US
292	Schwab Strategic Trust on behalf of its Schwab Fundamental U.S. Broad Market Index ETF, Schwab Fundamental U.S. Large Company Index ETF, Schwab U.S. Broad Market ETF, Schwab U.S. Large Cap ETF and Schwab U.S. Large Cap Growth ETF	Radnor	PA	US
293	First Manhattan Co.	Radnor	PA	US