

The following persons and entities either timely requested and were recognized as having excluded themselves in connection with Class Notice in this action, or have moved for and been granted exclusion in a direct action case:

Exclusion	Name
1	Douglas J Morgan (Dec'd) (c/o Cheryl J Morgan), Alpharetta, GA
2	Joann J Shurpit TTEE, Chicago, IL
3	Deutsche International Custodial Services Limited, solely in its capacity as trustee of dbX-Risk Arbitrage 1 Fund
4	Alan Michaud, Monroe, MI
5	Vinod D. Patel, Roselle, IL
6	Rosaline Delargy, Belfast, Northern Ireland
7	Harel Insurance Company Ltd
8	E.M.I.-Ezer Mortgage Insurance Company Ltd
9	Israeli Shares Partnership
10	Harel Pension and Provident Ltd
11	TIAA-CREF Investment Management, LLC
12	Teachers Advisors, LLC
13	CREF Equity Index Account
14	CREF Global Equities Account
15	CREF Growth Account
16	CREF Stock Account
17	TIAA-CREF Enhanced Large-Cap Value Index Fund
18	TIAA-CREF Enhanced Large-Cap Growth Index
19	TIAA-CREF Equity Index Fund
20	TIAA-CREF Large-Cap Growth Index Fund
21	TIAA-CREF Large-Cap Value Index Fund
22	TIAA-CREF Mid-Cap Value Fund
23	TIAA-CREF S&P 500 Index Fund
24	TIAA-CREF Life Stock Index Fund
25	TIAA-CREF Life Growth Equity Fund
26	Teachers Insurance and Annuity Association of America - Active Extension Fund III, LLC
27	TIAA-CREF Separate Account Variable Annuity I-TIAA Stock Index Account
28	Catherine Batty, Bedfordshire, England
29	Highfields Capital I LP
30	Highfields Capital II LP
31	Highfields Capital III LP
32	Discovery Global Citizens Master Fund Ltd
33	Discovery Global Focus Master Fund Ltd
34	Discovery Global Macro Master Fund Ltd
35	Discovery Global Opportunity Master Fund Ltd
36	Map 98 Segregated Portfolio

37	Oceana Master Fund Ltd
38	Pentwater Event Driven Cayman Fund Ltd
39	Amundi Absolute Return Pentwater Fund PLC (fka AAI Pentwater Fund PLC - Pentwater Event Equity Reflection Fund)
40	Pentwater Equity Opportunities Master Fund Ltd
41	Pentwater Merger Arbitrage Master Fund Ltd
42	PWCM Master Fund Ltd
43	York Capital Management LP
44	York Multi-Strategy Master Fund LP
45	Fidelis York Fund LP
46	Jorvik Multi-Strategy Master Fund LP
47	York Select Master Fund LP
48	York Select LP
49	York Select Investors Master Fund LP
50	Hudson Bay Master Fund Ltd
51	Hudson Bay Merger Arbitrage Opportunities Master Fund Ltd
52	Universities Superannuation Scheme Limited
53	Burlington Loan Management DAC (fka Burlington Loan Management Limited)
54	Mason Capital LP
55	Mason Capital Ltd
56	WCM Alternatives: Event-Driven Fund
57	WCM Master Trust
58	The Merger Fund
59	The Merger Fund VL
60	JNL/Westchester Capital Event Driven Fund
61	Starboard Value and Opportunity C LP
62	Starboard Value and Opportunity Master Fund Ltd
63	Starboard Leaders Kilo LLC
64	Starboard Leaders Select III LP
65	Starboard Value and Opportunity S LLC
66	BlackRock Health Sciences Opportunities Portfolio
67	BGF US Growth Fund
68	BlackRock Health Sciences Trust (BME)
69	BGF Global Dynamic Equity Fund
70	BGF Global Allocation Fund - (US Portfolio)
71	BlackRock US Opportunities Fund
72	BlackRock Capital Appreciation Fund, Inc
73	BlackRock Global Allocation Fund
74	BlackRock Capital Appreciation Portfolio of BlackRock Series Fund, Inc.
75	BlackRock Capital Appreciation V.I. Fund of BlackRock Variable Series Fund
76	BlackRock Global Allocation V.I. Fund (US)
77	BlackRock Global Allocation Portfolio of BlackRock Series Fund, Inc.

78	Master Focus Growth LLC
79	BlackRock S&P 500 V.I. Fund of BlackRock Variable Series Funds, Inc.
80	iShares North American Equity Index Fund (UK)
81	BIPF BlackRock Global Enhanced Index Fund
82	BlackRock Global Allocation Fund (Aust) - Active
83	BGF ESG Multi-Asset Fund - Global Equity - Balanced Funds Pf
84	Diversified Equity Russell 1000 Alpha Tilts
85	iShares MSCI ACWI UCITS ETF USD (Acc)
86	BGF US Small & MidCap Opportunities Fund
87	Russell 1000 Alpha Tilts Fund E
88	U.S. Fundamental Large Cap Growth Fund
89	BGF World Healthscience Fund
90	iShares Core S&P 500 UCITS ETF USD (Dist)
91	iShares MSCI USA Islamic UCITS ETF USD (Dist)
92	iShares MSCI World Islamic UCITS ETF USD (Dist)
93	iShares MSCI North America UCITS ETF USD (Dist)
94	iShares MSCI World UCITS ETF USD (Dist)
95	iShares MSCI ACWI ETF
96	iShares U.S. Healthcare ETF
97	iShares U.S. Pharmaceuticals ETF
98	iShares Dow Jones U.S. ETF
99	iShares MSCI Kokusai ETF
100	iShares Morningstar Large-Cap Growth ETF
101	iShares Morningstar Mid-Cap ETF
102	iShares Morningstar Mid-Cap Value ETF
103	iShares Russell 1000 ETF
104	iShares Russell 1000 Growth ETF
105	iShares Russell 1000 Value ETF
106	iShares Russell 3000 ETF
107	iShares Core S&P U.S. Growth ETF
108	iShares Core S&P U.S. Value ETF
109	iShares Russell Mid-Cap ETF
110	iShares Russell Mid-Cap Growth ETF
111	iShares Russell Mid-Cap Value ETF
112	iShares Global Healthcare ETF
113	iShares Core S&P Total U.S. Stock Market ETF
114	iShares Core S&P 500 ETF
115	iShares S&P 500 Growth ETF
116	iShares S&P 500 Value ETF
117	S&P 500 Index Master Portfolio
118	iShares Core MSCI World UCITS Common Pool

119	BlackRock CDN US Alpha Tilts Non-Taxable Fund
120	BlackRock CDN US Equity Index Fund
121	BlackRock CDN US Equity Index Non-Taxable Fund
122	Aquila Life US Equity Index Fund
123	Ascent Life US Equity Fund
124	BlackRock US Equity Millennium Sub-Fund
125	iShares North America Index Fund (IE) - Common Pool
126	Equity Index Non-Lendable Fund B
127	MSCI U.S. Equity Index Fund B
128	Russell 1000 Growth Fund B
129	Russell 1000 Value Fund B
130	Russell 1000 Alpha Tilts Fund B
131	Alpha Tilts Fund B
132	iShares Wholesale International Equity Index Fund
133	Ascent Life Enhanced Global Equity
134	Russell 1000 Growth Non-Lendable Fund
135	Russell 1000 Value Non-Lendable Fund
136	Alpha Advantage 3000 Fund
137	Active Stock Fund E
138	Equity Growth Non-Lendable Fund
139	Equity Index Fund
140	Equity Index Non-Lendable Fund
141	Equity Index Fund B
142	Large Capitalization Core Tilts ESG Screened Fund B
143	Russell 1000 Growth Fund
144	Russell 1000 Index Fund
145	Russell 1000 Index Non-Lendable Fund
146	Russell 1000 Index Plus Fund
147	Russell 1000 Value Fund
148	Russell 3000 Index Fund
149	Russell 3000 Index Non-Lendable Fund
150	Equity Index Plus Fund A - Custody Sleeve
151	U.S. Equity Market Fund
152	U.S. Equity Market Fund B
153	Equity Value Non-Lendable Fund
154	CBJ #65429-0016 Global Equity
155	BLK #900002 Global Equity
156	32 Capital Fund - GELS - CITI
157	Ascent Life Overseas Equity Fund
158	GMN B Fund - GELS - CITI
159	BIF GEM Sub Account

160	BlackRock High Equity Income Fund
161	BlackRock Mid-Cap Growth Equity Portfolio
162	Alpha Advantage 500 Fund B - Citi
163	Alpha Advantage 500 Fund B - Morgan Stanley
164	iShares MSCI USA Equal Weighted ETF
165	iShares Developed World Index Fund (IE) Common Pool
166	AUS Global Developed Markets IMI Equity Sub-account
167	iShares MSCI World EUR Hedged UCITS ETF (Acc)
168	iShares S&P 500 EUR Hedged UCITS ETF (Acc)
169	iShares MSCI World GBP Hedged UCITS ETF (Acc)
170	iShares S&P 500 GBP Hedged UCITS ETF (Acc)
171	Aquila Life MSCI World Fund
172	BlackRock CDN Russell 3000 Index Non-Taxable Fund
173	Global Alpha Opportunities Master Fund Ltd. US Mid Horizon - Morgan Stanley
174	Aquila Life Global Developed Fundamental Weighted Index Fund
175	Fission GEM Sub Account
176	Large Cap Index Master Portfolio
177	U.S. Equity Index ESG Screened Fund B
178	BSF BlackRock ADEAR Large Cap - BAML
179	BSF BlackRock ADEAR Mid Horizon - MS
180	BSF BlackRock ADEAR Large Cap - MS
181	BlackRock Global Allocation Collective Fund
182	iShares MSCI World ETF
183	iShares US Fundamental Index ETF -Trading sleeve
184	Alpha Advantage 500 Fund B - CS
185	Global Alpha Opportunities Master Fund Ltd. US Mid-Horizon - CS
186	U.S. Large Cap Carbon Efficient ESG Equity Index Non-Lendable Fund B
187	MSCI U.S. IMI Index Fund B2
188	iShares US Equity Index Fund (UK)
189	Russell MidCap Index Non-Lendable Fund
190	iShares S&P 500 CHF Hedged UCITS ETF (Acc)
191	iShares World Equity Index Fund (LU)
192	iShares MSCI World CHF Hedged UCITS ETF (Acc)
193	iShares North America Equity Index Fund (LU)
194	FTSE EDHEC-Risk Efficient USA Index Fund
195	Russell 1000 Index Non-Lendable Fund B
196	BlackRock Global Long/Short Equity Fund - BAML
197	Global Alpha Opportunities Master Fund Ltd Cross Border - UBS CFD
198	MUGC/B Multi Asset Fund (Developed Equity)
199	iShares MSCI USA Momentum Factor ETF
200	iShares MSCI USA Size Factor ETF

201	iShares MSCI USA Value Factor ETF
202	iShares Core S&P 500 UCITS ETF - CP
203	iShares MSCI USA UCITS ETF USD (Acc)
204	Global Alpha Tilts Fund B
205	iShares Developed World ESG Screened Index Fund (IE)
206	MuSt GL - ML Physical
207	Global Thematic Alpha Master Fund Ltd - UBS Physicals
208	Global Thematic Alpha Master Fund Ltd - CT Physicals
209	BlackRock MSCI U.S. Equity Index Fund
210	BlackRock CDN World Index Fund
211	Alpha Advantage 3000 Fund - UBS
212	FTSE RAFI U.S. 1000 Index Fund
213	BlackRock MSCI U.S. Equity Index Non-Lendable Fund
214	CDN ACWI Alpha Tilts Fund
215	Developed ex-Fossil Fuel Index Fund B
216	iShares Core Dividend Growth ETF
217	BSF - BlackRock Global Long/Short Equity Fund - ML CFD
218	BSF - BlackRock Global Long/Short Equity Fund - MS CFD
219	ACS US Equity Tracker Fund - Common Pool
220	MSCI World Equity ESG Screened Index Fund B
221	MSCI U.S. Equity Index Non-Lendable Fund B
222	iShares Edge MSCI World Momentum Factor UCITS ETF Common Pool
223	iShares Edge MSCI World Value Factor UCITS Common Pool
224	BlackRock Diversified Distribution Fund - Global Equities ex EMU Portfolio
225	Aquila Life Global 3000 Fundamental Weighted Index Fund
226	iShares MSCI ACWI Low Carbon Target ETF
227	BSF BlackRock Systematic Global Equity Fund
228	iShares Russell Mid-Cap Index Fund
229	iShares MSCI Developed World Index Fund
230	Alpha Advantage Global Fund - CT Physical
231	Alpha Advantage Global Fund - MS Physical
232	Alpha Advantage Global Fund - ML Physical
233	BlackRock Systematic Global Long / Short Equity Fund - MS CFD
234	iShares Total U.S. Stock Market Index Fund
235	World Alpha Tilts Fund
236	Multi-Strategy Fund US Mid-Horizon - Citi
237	Global Alpha Opportunities Master Fund Ltd Cross Border - ML CFD
238	Global Alpha Opportunities Master Fund Ltd. US Mid-Horizon - ML Physicals
239	S&P 500 Equal Weight Equity Index Fund
240	iShares S&P 500 Health Care Sector UCITS ETF Common Pool
241	Global Alpha Tilts Fund A

242	Kokusai Equity Index Fund
243	iShares Edge MSCI USA Value Factor UCITS Common Pool
244	Diversified Equity - GTAA Equity Themes
245	iShares Edge MSCI USA Size Factor Index Fund
246	iShares Edge MSCI USA Value Factor Index Fund
247	Carmignac Gestion, S.A.
248	Kuwait Investment Authority and Kuwait Investment Office
249	Principal Funds, Inc. and Principal Variable Contracts Funds, Inc.
250	Aberdeen Canada Funds - Global Equity Fund, a series of Aberdeen Canada Funds
251	Aberdeen Global - World Equity Fund (nka World Equity Fund, a sub-fund of Aberdeen Standard SICAV I)
252	Aberdeen Global Equity Fund, a series of Aberdeen Funds
253	Aberdeen Global Equity Fund, a series of Aberdeen Institutional Commingled Funds, LLC
254	Aberdeen Standard Fully Hedged International Equities Fund
255	Aberdeen Standard International Equity Fund
256	Aberdeen Standard Actively Hedged International Equities Fund
257	Aberdeen Islamic World Equity Fund (now known as Aberdeen Standard Islamic World Equity Fund)
258	Aberdeen Life Global (ex UK) Equity Fund (now known as ASI Life Global (ex UK) Equity Fund)
259	Aberdeen Life World Equity Fund (now known as ASI Life Global Equity Fund)
260	Aberdeen Monceau
261	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)
262	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)
263	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)
264	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)
265	Aurion International Daily Equity Fund
266	City and County of Swansea Pension Fund
267	Devon County Council
268	Falkirk Council Pension Fund
269	Hampshire County Council - Global Equity Portfolio (now known as Hampshire Pension Fund Global Portfolio)
270	London Borough of Hounslow Superannuation Fund
271	Staffordshire Pension Fund
272	Desjardins Global Equity Value Fund
273	Hydro One Pension Plan
274	Shell Canada 2007 Pension Plan
275	I3 Global Equity Fund

276	LF Greenmount Fund
277	Permodalan Nasional Berhard
278	MTR Corporation Limited Retirement Scheme
279	National Pension Service
280	State of Idaho Endowment Fund Investment Board
281	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
282	Schwab Investments on behalf of its series Schwab 1000 Index Fund
283	Laudus Trust on behalf of its series Laudus U.S. Large Cap Growth Fund
284	Schwab Strategic Trust on behalf of its series 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
285	First Manhattan Co.
286	Nationwide Mutual Funds, on behalf of its series Nationwide Geneva Mid Cap Growth Fund and Nationwide S&P 500 Index Fund
287	Nationwide Variable Insurance Trust, on behalf of its series NVIT Dynamic U.S. Growth Fund (formerly NVIT Large Cap Growth Fund, into which NVIT Growth Fund previously merged, and now known as NVIT Mellon Dynamic U.S. Core Fund), NVIT Multi-Manager Large Cap Value Fund (now known as NVIT Mellon Dynamic U.S. Equity Income Fund), NVIT S&P 500 Index Fund, and Templeton NVIT International Value Fund (now known as NVIT Columbia Overseas Value Fund)