

Table S1 FQD constituent database

No.	Compound
1	(-)-alpha-Pinene
2	()-Aromadendrene
3	(-)-nopinene
4	(-)-spathulenol
5	()-Terpinen-4-ol
6	(+)-alpha-funebrene
7	(+)-beta-phellandrene
8	(+)-maalioxide
9	(1R,4E,7E,11R)-1,5,9,9-tetramethyl-12-oxabicyclo[9.1.0]dodeca-4,7-diene
10	(1R,4S,4aR,8aR)-4-isopropyl-1,6-dimethyl-3,4,4a,7,8,8a-hexahydro-2H-naphthalen-1-ol
11	(1R,4S,5R)-4-isopropenyl-1,8-dimethylspiro[4.5]dec-8-ene
12	(1R,5R,7S)-4,7-dimethyl-7-(4-methylpent-3-enyl)bicyclo[3.1.1]hept-3-ene
13	(1S,4E,8E,10R)-4,8,11,11-tetramethylbicyclo[8.1.0]undeca-4,8-diene
14	(1S,4R,5R)-1-isopropyl-4-methyl-4-bicyclo[3.1.0]hexanol
15	(1S,5S)-1-isopropyl-4-methylenebicyclo[3.1.0]hexane
16	(1S,5S)-7,7-dimethyl-2-methylenebicyclo[3.1.1]hept-3-ene
17	(2-amyphenyl)methanol
18	(2R,3S,4S,5R,6R)-2-(hydroxymethyl)-6-[[[(3S,5R,8R,9R,10R,12R,13R,14R,17S)-12-hydroxy-4,4,8,10,14-pentamethyl-17-[(2Z)-6-methylhepta-2,5-dien-2-yl]-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthren-3-yl]oxy]oxane-3,4,5-triol
19	(2R,4aR)-2-isopropenyl-4a,8-dimethyl-2,3,4,5,6,7-hexahydro-1H-naphthalene
20	(2S,3R,4S,5S,6R)-2-[(2S)-2-[(3S,5R,8R,9R,10R,12R,13R,14R,17S)-3-[(2R,3R,4S,5S,6R)-4,5-dihydroxy-6-(hydroxymethyl)-3-[(2S,3R,4S,5S,6R)-3,4,5-trihydroxy-6-(hydroxymethyl)oxan-2-yl]oxyoxan-2-yl]oxy-12-hydroxy-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,12-diol
21	(3R,5R,8R,9R,10R,12R,13R,14R,17S)-17-[(2S)-2-hydroxy-6-methylhept-5-en-2-yl]-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,6,12-triol
22	(3S,5R,6S,8R,9R,10R,12R,13R,14R,17S)-17-[(2R)-2-hydroxy-6-methylhept-5-en-2-yl]-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,6,12-triol
23	(3S,5R,6S,8R,9R,10R,12R,13R,14R,17S)-17-[(2S)-2-hydroxy-6-methylhept-5-en-2-yl]-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,6,12-triol
24	(3S,5R,8R,9R,10R,12R,13R,14R,17S)-17-[(2S)-2-hydroxy-6-methylhept-5-en-2-yl]-4,4,8,10,14-pentamethyl-2,3,5,6,7,9,11,12,13,15,16,17-dodecahydro-1H-cyclopenta[a]phenanthrene-3,12-diol
25	(3Z,6S,7R)-3-butylidene-6-butyryl-7-hydroxy-4,5,6,7-tetrahydroisobenzofuran-1-one
26	(3Z,6S,7S)-3-butylidene-6,7-dihydroxy-4,5,6,7-tetrahydroisobenzofuran-1-one
27	(4aS,6aR,6aS,6bR,8aR,10S,12aR,14bR)-10-hydroxy-2,2,6a,6b,9,9,12a-heptamethyl-1,3,4,5,6,6a,7,8,8a,10,11,12,13,14b-tetradecahydronicene-4a-carboxylic acid
28	(4aS,7S,8aR)-7-isopropenyl-4a-methyl-1-methylenedecalin
29	(4S)-4-isopropylcyclohexene-1-carbaldehyde

- 30 (4S,6S)-cis-carveol
- 31 (5S,6R)-5,6-dimethyltetrahydropyran-2-one
- 32 (6R)-6-butylcyclohepta-1,4-diene
- 33 (E,E)-1,3,5-undecatriene
- 34 (L)-alpha-terpineol
- 35 (R)-(-)-alpha-phellandrene
- 36 (R)-(-)-citronellal
- 37 (R)-canadine
- 38 (R)-linalool
- 39 (R)-p-Menth-1-en-4-ol
- 40 (S)-(+)-alpha-phellandrene
- 41 (S)-2,2,3-trimethylcyclopent-3-ene-1-acetaldehyde
- 42 (Z)-2-methyl-5-[(1S,2R,4R)-2-methyl-3-methylene-2-norbornanyl]pent-2-en-1-ol
- 43 (Z)-ligustilide
- 44 (Z,Z)-alpha-farnesene
- 45 .gamma.-bisabolene
- 46 [(3S,4R,5R)-5-[[[(2R,3S,4S,5R,6S)-6-(2-acetyl-5-methoxyphenoxy)-3,4,5-trihydroxyoxan-2-yl]methoxy]-3,4-dihydroxyoxolan-3-yl]methyl 3,4,5-trihydroxybenzoate
- 47 1(3H)-Isobenzofuranone, 3-butyl-3a,4,5,6-tetrahydro-, cis-(-)-
- 48 1,1-diethoxybutane
- 49 1,2,3,4,4a,7-hexahydro-1,6-dimethyl-4-(1-methylethyl)-naphthalene
- 50 1,3,8-p-menthatriene
- 51 1,5,5-trimethyl-6-methylenecyclohexene
- 52 1,8-cineole
- 53 12-O-nicotinoylisolineolone
- 54 13-tetradecenyl acetate
- 55 16-oxoseratenediol
- 56 1-acetyl-beta-carboline
- 57 1-beta-ethylacrylate-7-aldehyde-beta-carboline
- 58 1H-cycloprop(e)azulen-7-ol, decahydro-1,1,7-trimethyl-4-methylene-, (1aR-(1aalpha,4aalpha,7beta,7beta,7balpha))-
- 59 1-hexadecyne
- 60 1-octanol,2,7-dimethyl-
- 61 1-terpineol
- 62 2,2,3-trimethylcyclopent-3-ene-1-carboxaldehyde
- 63 2,3,4-trimethyldecane
- 64 2,3,8-trimethyldecane
- 65 2,6,10,15-tetramethylheptadecane
- 66 2,6-dimethyl-3,7-octadiene-2,6-diol
- 67 2,9-dimethyldecane
- 68 2-[(1R,3S,4S)-3-isopropenyl-4-methyl-4-vinylcyclohexyl]propan-2-ol
- 69 2-[(2S,5S,6S)-6,10-dimethylspiro[4.5]dec-9-en-2-yl]propan-2-ol
- 70 20(R)-ginsenoside Rg2
- 71 20(S)-ginsenoside-Rg2

72 20-(S)-ginsenoside-Rg3
73 20-(S)-ginsenoside-Rg3_qt^a
74 20(S)-ginsenoside-Rh1
75 20(S)-ginsenoside-Rh1_qt
76 20(s)-protopanaxadiol
77 20-hexadecanoylingenol
78 2-carboxymethyl-3-prenyl-2,3-epoxy-1,4-naphthoquinone
79 2-formylpyrrole
80 2-methyl-1-phenylpropene
81 2-methyl-5-(1-methylene)-1,3-cyclohexadiene
82 2-methylbenzoxazol
83 2-methyltridecane
84 2-propionylfuran
85 3(S)-3-butyl-4,5-dihydrophthalide
86 3,4-dimethylheptane
87 3,4-epoxy-2,2,7,7-tetramethyl-octane
88 3,5-dimethyl-p-anisic acid
89 3-[[[(2S)-2,4-dihydroxy-3,3-dimethylbutanoyl]amino]propanoic acid
90 3691-11-0
91 3-butylidene-7-hydroxyphthalide
92 3-cyclohexen-1-ol
93 3-Ethyl-3-methylheptane
94 3-methylheptane
95 3-methylundecane
96 3-O-beta-D-glucuronopyranosyl gypsogenin
97 3-O-beta-D-glucuronopyranosyl gypsogenin_qt
98 4,7-dihydroxy-3-butylphthalide
99 49070_FLUKA
100 4-hydroxy-3-butylphthalide
101 4-iodoindoline
102 4-methyldodecane
103 4-octanone
104 5-[(3aS,6R,6aR)-2-keto-1,3,3a,4,6,6a-hexahydrothieno[3,4-d]imidazol-6-yl]valeric acid
105 506-43-4
106 58870_FLUKA
107 5-heptadec-12-enylresorcinol
108 5-Isobutylnonane
109 5-isopropyl-2-methylbicyclo[3.1.0]hex-2-ene
110 5-methyl-tetradecane
111 5-propyl-2-thiouracil
112 6'-malonylginsenoside Rd1
113 6'-malonylginsenoside Rd1_qt¹
114 6-O-E-feruloylajugol
115 6-O-E-feruloylajugol_qt

116 7-(beta-xylosyl)cephalomannine
117 7alpha-L-rhamnosyl-6-methoxylutcolin
118 7-oxabicyclo-2.2.1-heptane,1-methyl-4-[1-methylethyl]-
119 7-tetradecyne
120 9-hexadecenoic acid
121 acetal
122 adenine
123 adenosine triphosphate
124 ADO
125 alexandrin
126 alexandrin_qt
127 alloaromadrene
128 allocymene
129 alpha-cubebene
130 alpha-curcumene
131 alpha-farnesene
132 alpha-guttiferin
133 alpha-humulene
134 alpha-selinene
135 amylbenzene
136 APH
137 aposiopolamine
138 arachidonate
139 araloside A
140 argininy-fructosyl-glucose
141 argininy-fructosyl-glucose_qt
142 aromadendrene oxide 2
143 artemisia triene
144 augustic-acid
145 BDPH
146 berberine
147 berberrubine
148 berlambine
149 beta-asarone
150 beta-bisabolene
151 beta-caryophyllene
152 beta-elemene
153 beta-humulene
154 beta-selinene
155 beta-sitosterol
156 beta-cubebene
157 caffeic acid
158 campesteryl ferulate
159 carotol

160 cedrene
161 celabenzine
162 cerulignol
163 CHEBI:7
164 chrysanthemaxanthin
165 chuanxiongol
166 -cis-.beta.-Elemene diastereomer
167 cis-ligustilide
168 cis-Piperitol
169 cis-Widdrol alpha-epoxide
170 cnidilide
171 columbamine
172 coniferylcrulate
173 corchoroside A
174 corchoroside A_qt
175 corydaldine
176 crysophanol
177 CYCLODODECENE
178 cyclohexane,1,1,2,3-tetramethyl-
179 cymol
180 dammarane
181 darutoside
182 dauricine (8CI)
183 DBP
184 D-camphene
185 decahydro-1,6-bis(methylene)-4-(1-methylethyl)-naphthalene
186 deoxyharringtonine
187 D-erythro-Isocitric acid
188 dianthramine
189 dimethyl D-malate
190 diop
191 ditertbutyl phthalate
192 dl-3n-butylphthalide
193 DPEC
194 EIC
195 elemicin
196 epiberberine
197 epsilon-cadinene
198 ethyl caffeate
199 ethylpalmitate
200 EUG
201 exceparl M-ol
202 FA
203 fagarine

204 FER
205 folinic acid
206 frutinone A
207 fumarine
208 furol
209 gamma-selinene
210 gem-dimethylcyclopentane
211 germacrene
212 germacrene D
213 ginsenoside La
214 ginsenoside La_qt
215 ginsenoside Rb1
216 ginsenoside Re
217 ginsenoside rf
218 ginsenoside Rg5
219 ginsenoside Rg5_qt
220 ginsenoside rh2
221 ginsenoside Ro
222 ginsenoside Ro_qt
223 ginsenoside-Ra0
224 ginsenoside-Ra1
225 ginsenoside-Ra2
226 ginsenoside-Ra3
227 ginsenoside-Rb2
228 ginsenoside-Rc
229 ginsenoside-Rg3
230 ginsenoside-Rg3_qt
231 ginsenoside-Rh1
232 ginsenoside-Rh1_qt
233 ginsenoside-Rh3_qt
234 ginsenoside-Rh4
235 ginsenoside-Rh4_qt
236 ginsenoside-Rs1
237 ginsenoside-Rs2
238 ginsenoyne A
239 ginsenoyne B
240 ginsenoyne C
241 ginsenoyne D
242 ginsenoyne E
243 girinimbin
244 gomisin B
245 groenlandicine
246 GUP
247 gypenoside Ixix

248 gypnoside V Qt
249 hepanal
250 heptan
251 heriguard
252 hexanal
253 hexaphenone
254 inermin
255 isobutyrophenone
256 isoheptane
257 isovanillin
258 jatrorrizine
259 javanicin
260 kaempferol
261 kaempferol-3-arabofuranoside
262 L-adenosine
263 L-bornyl acetate
264 L-erythro-isocitric acid
265 levistolid A
266 levistolide-A
267 limonin
268 linoleic
269 L-limonen
270 loxanol V
271 L-valyl-L-valinc-achydride
272 magnoflorine
273 magnograndiolide
274 MAL
275 malkangunin
276 malonylginsenoside Rc
277 malonylginsenoside Rc Qt
278 malonylginsenoside Rd
279 malonylginsenoside Rd Qt
280 malvic acid
281 mandenol
282 MAV
283 methyl (Z)-icos-11-enoate
284 methyl 2-pentanoylbenzoate
285 methyl 3-furoate
286 methyl linoleate
287 methyl margarate
288 methyl myristate
289 methyl palmitate
290 methyl palmitelaidate
291 methyl pentadecanoate

292 methyl stearate
293 methyl tricosanoate
294 methyleugenol
295 methylselenocysteine
296 m-ethyltoluene
297 MLI
298 moslene
299 mycosinol
300 myrcene
301 myricanone
302 MYS
303 neocnidilide
304 neoheptane
305 nepetin
306 N-heptadecanol
307 NN-dimethyldecanamide
308 nonacosanediol-6,8
309 nonanal
310 noroxyhydrastinine
311 notoginsenoside R2
312 notoginsenoside R2 Qt
313 notoginsenoside R6
314 N-Salicylidene-salicylamine
315 O-acetyl-P-cresol
316 obacunonic acid
317 obacunone
318 obamegine
319 OCT
320 octatriacontane
321 O-cymol
322 oleanane
323 oleic acid
324 OYA
325 paeonol
326 palmitine
327 palmitin A
328 palmitic acid
329 panaxadiol
330 panaxatriol
331 panaxynol
332 panaxytriol
333 pancratistatin
334 pandamine
335 pangamic acid

336 p-cymen-8-ol
337 pentadecylic acid
338 pentylfuran
339 perlolyrine
340 p-glucosyloxymandelonitrile
341 PHB
342 phellodendrine
343 pisol
344 PLO
345 p-ocimene
346 psuedohypericin
347 ramalic acid
348 sanchinoside C1
349 sedanoic-acid
350 senkyunolide A
351 senkyunolide G
352 senkyunolide-C
353 senkyunolide-D
354 senkyunolide-E
355 senkyunolide-F
356 senkyunolide-J
357 senkyunolide-K
358 senkyunolide-L
359 senkyunolide-N
360 senkyunolide-P
361 senkyunolide-Q
362 senkyunolide-R
363 senkyunolide-S
364 senkyunone
365 sinapic acid
366 sitogluside
367 sitosterol
368 stearic acid
369 stearyl acetate
370 stigmasterol
371 suchilactone
372 sucrose
373 suffruticoside A Qt
374 TDA
375 tereben
376 terpilene
377 tetradecane
378 tetramethylpyrazine
379 thymol

- 380 TML
- 381 trans-2-nonen-1-ol
- 382 trans-piperitol
- 383 trifolirhizin
- 384 trihydroxybufosterocholanic acid
- 385 undecane, 3,6-dimethyl
- 386 undekansaeure
- 387 uracil
- 388 valerophenone
- 389 vanillic acid
- 390 vanillin
- 391 vulgarin
- 392 wallichilide
- 393 WLN: 2VR
- 394 WLN: Q1R
- 395 WLN: T5OJ BVO1
- 396 WLN: VH6
- 397 xiongterpene
- 398 Z-6,8',7,3'-diligustilide
- 399 zosimin
- 400 β -sesquiphellandrene
- 401 δ -elemene

^a The compounds with the suffix `_qt` of their names refer to the deglycosylated form of their prototypes.

Table S2 236 Putative targets of FQD

No.	Target/Protein name	UniProt ID	Gene symbol
1	ATP-binding cassette sub-family A member 1	ABCA1_HUMAN	<i>ABCA1</i>
2	Multidrug resistance protein 1	MDR1_HUMAN	<i>ABCB1</i>
3	ATP-binding cassette, sub-family B (MDR/TAP), member 11	ABCBB_HUMAN	<i>ABCB11</i>
4	Multidrug resistance protein 3	MDR3_HUMAN	<i>ABCB4</i>
5	ATP-binding cassette sub-family B member 5	ABCB5_HUMAN	<i>ABCB5</i>
6	ATP-binding cassette, sub-family G (WHITE), member 5	ABCG5_HUMAN	<i>ABCG5</i>
7	ATP-binding cassette, sub-family G (WHITE), member 8	ABCG8_HUMAN	<i>ABCG8</i>
8	Acetyl-coa carboxylase alpha	ACACA_HUMAN	<i>ACACA</i>
9	Acetylcholinesterase	ACES_HUMAN	<i>ACHE</i>
10	Alcohol dehydrogenase 1B	ADH1B_HUMAN	<i>ADH1B</i>
11	Alcohol dehydrogenase 1C	ADH1G_HUMAN	<i>ADH1C</i>
12	Alpha-1A adrenergic receptor	ADA1A_HUMAN	<i>ADRA1A</i>
13	Alpha-1B adrenergic receptor	ADA1B_HUMAN	<i>ADRA1B</i>
14	Alpha-1D adrenergic receptor	ADA1D_HUMAN	<i>ADRA1D</i>
15	Alpha-2A adrenergic receptor	ADA2A_HUMAN	<i>ADRA2A</i>
16	Alpha-2B adrenergic receptor	ADA2B_HUMAN	<i>ADRA2B</i>
17	Alpha-2C adrenergic receptor	ADA2C_HUMAN	<i>ADRA2C</i>
18	Beta-1 adrenergic receptor	ADRB1_HUMAN	<i>ADRB1</i>
19	Beta-2 adrenergic receptor	ADRB2_HUMAN	<i>ADRB2</i>
20	Aldose reductase	ALDR_HUMAN	<i>AKR1B1</i>
21	RAC-alpha serine/threonine-protein kinase	AKT1_HUMAN	<i>AKT1</i>
22	Arachidonate 12-lipoxygenase 12S-type	LOX12_HUMAN	<i>ALOX12</i>
23	Arachidonate 12-lipoxygenase 12R-type	LX12B_HUMAN	<i>ALOX12B</i>
24	Arachidonate 15-lipoxygenase	LOX15_HUMAN	<i>ALOX15</i>
25	Arachidonate 15-lipoxygenase B	LX15B_HUMAN	<i>ALOX15B</i>
26	Arachidonate 5-lipoxygenase	LOX5_HUMAN	<i>ALOX5</i>
27	Epidermis-type lipoxygenase 3	LOXE3_HUMAN	<i>ALOXE3</i>
28	Apolipoprotein E	APOE_HUMAN	<i>APOE</i>
29	Androgen receptor	ANDR_HUMAN	<i>AR</i>
30	ATP synthase F(0) complex subunit C2, mitochondrial	AT5G2_HUMAN	<i>ATP5G2</i>
31	Cholinesterase	CHLE_HUMAN	<i>BCHE</i>
32	Apoptosis regulator Bcl-2	BCL2_HUMAN	<i>BCL2</i>
33	Brain-derived neurotrophic factor	BDNF_HUMAN	<i>BDNF</i>
34	Carbonic anhydrase 1	CAH1_HUMAN	<i>CA1</i>
35	Carbonic anhydrase 12	CAH12_HUMAN	<i>CA12</i>
36	Carbonic anhydrase 13	CAH13_HUMAN	<i>CA13</i>
37	Carbonic anhydrase 14	CAH14_HUMAN	<i>CA14</i>
38	Carbonic anhydrase II	CAH2_HUMAN	<i>CA2</i>

39	Carbonic anhydrase 3	CAH3_HUMAN	CA3
40	Carbonic anhydrase 5A, mitochondrial	CAH5A_HUMAN	CA5A
41	Carbonic anhydrase 5B, mitochondrial	CAH5B_HUMAN	CA5B
42	Carbonic anhydrase 6	CAH6_HUMAN	CA6
43	Carbonic anhydrase 7	CAH7_HUMAN	CA7
44	Carbonic anhydrase 9	CAH9_HUMAN	CA9
45	Voltage-dependent L-type calcium channel subunit alpha-1S	CAC1S_HUMAN	CACNA1S
46	Calmodulin 1	CALM_HUMAN	CALM1
47	Caspase 3	CASP3_HUMAN	CASP3
48	Cyclin-A2	CCNA2_HUMAN	CCNA2
49	G1/S-specific cyclin-D1	CCND1_HUMAN	CCND1
50	C-C chemokine receptor type 1	CCR1_HUMAN	CCR1
51	C-C chemokine receptor type 2	CCR2_HUMAN	CCR2
52	C-C chemokine receptor type 3	CCR3_HUMAN	CCR3
53	C-C chemokine receptor type 5	CCR5_HUMAN	CCR5
54	C-C chemokine receptor-like 2	CCRL2_HUMAN	CCRL2
55	Cell division protein kinase 2	CDK2_HUMAN	CDK2
56	Cystic fibrosis transmembrane conductance regulator	CFTR_HUMAN	CFTR
57	Choline O-acetyltransferase	CLAT_HUMAN	CHAT
58	Serine/threonine-protein kinase Chk1	CHK1_HUMAN	CHEK1
59	Neuronal acetylcholine receptor subunit alpha-7	ACHA7_HUMAN	CHRFAM7A
60	Muscarinic acetylcholine receptor M1	ACM1_HUMAN	CHRM1
61	Muscarinic acetylcholine receptor M2	ACM2_HUMAN	CHRM2
62	Muscarinic acetylcholine receptor M3	ACM3_HUMAN	CHRM3
63	Muscarinic acetylcholine receptor M4	ACM4_HUMAN	CHRM4
64	Muscarinic acetylcholine receptor M5	ACM5_HUMAN	CHRM5
65	Neuronal acetylcholine receptor subunit alpha-2	ACHA2_HUMAN	CHRNA2
66	Neuronal acetylcholine receptor protein, alpha-7 chain	ACHA7_HUMAN	CHRNA7
67	Camp responsive element binding protein 1	CREB1_HUMAN	CREB1
68	Quinone oxidoreductase	QOR_HUMAN	CRYZ
69	Chymotrypsinogen B	CTRB1_HUMAN	CTRB1
70	Interleukin 8	IL8_HUMAN	CXCL8
71	Cytochrome c, somatic	CYC_HUMAN	CYCS
72	Steroid 17-alpha-hydroxylase/17,20 lyase	CP17A_HUMAN	CYP17A1
73	Cytochrome P450 19A1	CP19A_HUMAN	CYP19A1
74	Cytochrome P450, family 1, subfamily A, polypeptide 1	CP1A1_HUMAN	CYP1A1
75	Cytochrome P450, family 1, subfamily A, polypeptide 2	CP1A2_HUMAN	CYP1A2

76	Cytochrome P450 2D6	CP2D6_HUMAN	<i>CYP2D6</i>
77	Cytochrome P450 2J2	CP2J2_HUMAN	<i>CYP2J2</i>
78	Cytochrome P450 3A4	CP3A4_HUMAN	<i>CYP3A4</i>
79	Lanosterol 14-alpha demethylase	CP51A_HUMAN	<i>CYP51A1</i>
80	Cytochrome P450, family 7, subfamily A, polypeptide 1	CP7A1_HUMAN	<i>CYP7A1</i>
81	2,4-dienoyl coa reductase 1, mitochondrial	DECR_HUMAN	<i>DECR1</i>
82	24-dehydrocholesterol reductase	DHC24_HUMAN	<i>DHCR24</i>
83	Dihydrofolate reductase	DYR_HUMAN	<i>DHFR</i>
84	Dipeptidyl peptidase IV	DPP4_HUMAN	<i>DPP4</i>
85	Dopamine D1 receptor	DRD1_HUMAN	<i>DRD1</i>
86	D(2) dopamine receptor	DRD2_HUMAN	<i>DRD2</i>
87	D(4) dopamine receptor	DRD4_HUMAN	<i>DRD4</i>
88	D(1B) dopamine receptor	DRD5_HUMAN	<i>DRD5</i>
89	Dual specificity tyrosine-phosphorylation-regulated kinase 1A	DYR1A_HUMAN	<i>DYRK1A</i>
90	Ecto-NOX disulfide-thiol exchanger 1	ENOX1_HUMAN	<i>ENOX1</i>
91	Endogenous retrovirus group FRD, member 1	SYCY2_HUMAN	<i>ERVFRD-1</i>
92	Estrogen receptor	ESR1_HUMAN	<i>ESR1</i>
93	Estrogen receptor beta	ESR2_HUMAN	<i>ESR2</i>
94	Coagulation factor Xa	FA10_HUMAN	<i>F10</i>
95	Thrombin	THRB_HUMAN	<i>F2</i>
96	Coagulation factor VII	FA7_HUMAN	<i>F7</i>
97	Fatty acid-binding protein 12	FBP12_HUMAN	<i>FABP12</i>
98	Fatty acid-binding protein heart	FABPH_HUMAN	<i>FABP3</i>
99	Fatty acid-binding protein adipocyte	FABP4_HUMAN	<i>FABP4</i>
100	Fatty acid-binding protein epidermal	FABP5_HUMAN	<i>FABP5</i>
101	Fatty acid-binding protein brain	FABP7_HUMAN	<i>FABP7</i>
102	Fatty acid-binding protein 9	FABP9_HUMAN	<i>FABP9</i>
103	FBJ murine osteosarcoma viral oncogene homolog	FOS_HUMAN	<i>FOS</i>
104	Glucose-6-phosphate dehydrogenase	G6PD_HUMAN	<i>G6PD</i>
105	Gamma-aminobutyric acid receptor subunit alpha-1	GBRA1_HUMAN	<i>GABRA1</i>
106	Gamma-aminobutyric-acid receptor alpha-2 subunit	GBRA2_HUMAN	<i>GABRA2</i>
107	Gamma-aminobutyric-acid receptor alpha-3 subunit	GBRA3_HUMAN	<i>GABRA3</i>
108	Gamma-aminobutyric-acid receptor alpha-5 subunit	GBRA5_HUMAN	<i>GABRA5</i>
109	Gamma-aminobutyric-acid receptor subunit alpha-6	GBRA6_HUMAN	<i>GABRA6</i>
110	Gonadotropin-releasing hormone 1	GON1_HUMAN	<i>GNRH1</i>

111	Glutamate receptor 2		GRIA2_HUMAN	<i>GRIA2</i>
112	Glycogen synthase kinase-3 beta		GSK3B_HUMAN	<i>GSK3B</i>
113	Heparin-binding EGF-like growth factor		HBEGF_HUMAN	<i>HBEGF</i>
114	Hypoxia inducible factor 1		HIF1A_HUMAN	<i>HIF1A</i>
115	High mobility group box 1		HMGB1_HUMAN	<i>HMGB1</i>
116	3-hydroxy-3-methylglutaryl-coenzyme reductase	A	HMDH_HUMAN	<i>HMGCR</i>
117	Heme oxygenase 1		HMOX1_HUMAN	<i>HMOX1</i>
118	Histamine receptor H1		HRH1_HUMAN	<i>HRH1</i>
119	Heat shock protein HSP 90		HS90B_HUMAN	<i>HSP90AB1</i>
120	5-hydroxytryptamine receptor 1A		5HT1A_HUMAN	<i>HTR1A</i>
121	5-hydroxytryptamine receptor 1B		5HT1B_HUMAN	<i>HTR1B</i>
122	5-hydroxytryptamine 2A receptor		5HT2A_HUMAN	<i>HTR2A</i>
123	5-hydroxytryptamine receptor 2B		5HT2B_HUMAN	<i>HTR2B</i>
124	5-hydroxytryptamine 2C receptor		5HT2C_HUMAN	<i>HTR2C</i>
125	5-hydroxytryptamine receptor 3A		5HT3A_HUMAN	<i>HTR3A</i>
126	5-hydroxytryptamine receptor 7		5HT7R_HUMAN	<i>HTR7</i>
127	Intercellular adhesion molecule 1		ICAM1_HUMAN	<i>ICAM1</i>
128	Interferon, gamma		IFNG_HUMAN	<i>IFNG</i>
129	Ig gamma-1 chain C region		IGHG1_HUMAN	<i>IGHG1</i>
130	Interleukin 10		IL10_HUMAN	<i>IL10</i>
131	Interleukin 6 (interferon, beta 2)		IL6_HUMAN	<i>IL6</i>
132	Integrin alpha-lib		ITA2B_HUMAN	<i>ITGA2B</i>
133	Transcription factor AP-1		JUN_HUMAN	<i>JUN</i>
134	Potassium voltage-gated channel subfamily H member 2		KCNH2_HUMAN	<i>KCNH2</i>
135	Potassium inwardly-rectifying channel, subfamily J, member 1		KCNJ1_HUMAN	<i>KCNJ1</i>
136	Potassium inwardly-rectifying channel, subfamily J, member 4		KCNJ4_HUMAN	<i>KCNJ4</i>
137	Potassium channel, subfamily K, member 18		KCNKI_HUMAN	<i>KCNK18</i>
138	Calcium-activated potassium channel subunit alpha 1		KCMA1_HUMAN	<i>KCNMA1</i>
139	Vascular endothelial growth factor receptor 2		VGFR2_HUMAN	<i>KDR</i>
140	Kiaa0101		G9G6D7_HUMAN	<i>KIAA0101</i>
141	Klotho		KLOT_HUMAN	<i>KL</i>
142	Low-density lipoprotein receptor		LDLR_HUMAN	<i>LDLR</i>
143	Low-density lipoprotein receptor-related protein 8		LRP8_HUMAN	<i>LRP8</i>
144	Leukotriene A-4 hydrolase		LKHA4_HUMAN	<i>LTA4H</i>
145	Lysozyme		LYSC_HUMAN	<i>LYZ</i>
146	Amine oxidase [flavin-containing] B		AOFA_HUMAN	<i>MAOA</i>
147	Amine oxidase [flavin-containing] A		AOFB_HUMAN	<i>MAOB</i>
148	Microtubule-associated protein 2		MTAP2_HUMAN	<i>MAP2</i>

149	Mitogen-activated protein kinase 1	MK01_HUMAN	<i>MAPK1</i>
150	Mitogen-activated protein kinase 14	MK14_HUMAN	<i>MAPK14</i>
151	Mitogen-activated protein kinase 3	MK03_HUMAN	<i>MAPK3</i>
152	Microtubule-associated protein tau	TAU_HUMAN	<i>MAPT</i>
153	Muscleblind-like protein 1	MBNL1_HUMAN	<i>MBNL1</i>
154	Muscleblind-like protein 2	MBNL2_HUMAN	<i>MBNL2</i>
155	Muscleblind-like protein 3	MBNL3_HUMAN	<i>MBNL3</i>
156	Matrix metalloproteinase 9/gelatinase B	MMP9_HUMAN	<i>MMP9</i>
157	Nicotinamide phosphoribosyltransferase	NAMPT_HUMAN	<i>NAMPT</i>
158	Nuclear receptor coactivator 1	NCOA1_HUMAN	<i>NCOA1</i>
159	Nuclear receptor coactivator 2	NCOA2_HUMAN	<i>NCOA2</i>
160	Nuclear factor (erythroid-derived 2)-like 2	NF2L2_HUMAN	<i>NFE2L2</i>
161	Nitric oxide synthase, inducible	NOS2_HUMAN	<i>NOS2</i>
162	Nitric-oxide synthase, endothelial	NOS3_HUMAN	<i>NOS3</i>
163	Oxysterols receptor LXR-beta	NR1H2_HUMAN	<i>NR1H2</i>
164	Oxysterols receptor LXR-alpha	NR1H3_HUMAN	<i>NR1H3</i>
165	Glucocorticoid receptor	GCR_HUMAN	<i>NR3C1</i>
166	Mineralocorticoid receptor	MCR_HUMAN	<i>NR3C2</i>
167	Delta-type opioid receptor	OPRD_HUMAN	<i>OPRD1</i>
168	Kappa-type opioid receptor	OPRK_HUMAN	<i>OPRK1</i>
169	Nociceptin receptor	OPRX_HUMAN	<i>OPRL1</i>
170	Mu-type opioid receptor	OPRM_HUMAN	<i>OPRM1</i>
171	Oxytocin/neurophysin I prepropeptide	NEU1_HUMAN	<i>OXT</i>
172	Proprotein convertase subtilisin/kexin type 9	PCSK9_HUMAN	<i>PCSK9</i>
173	Camp and camp-inhibited cgmp 3',5'-cyclic phosphodiesterase 10A	PDE10_HUMAN	<i>PDE10A</i>
174	CGMP-inhibited 3',5'-cyclic phosphodiesterase A	PDE3A_HUMAN	<i>PDE3A</i>
175	Type IV phosphodiesterase	PDE4D_HUMAN	<i>PDE4D</i>
176	CGMP-specific 3',5'-cyclic phosphodiesterase	PDE5A_HUMAN	<i>PDE5A</i>
177	Phosphogluconate dehydrogenase	6PGD_HUMAN	<i>PGD</i>
178	Placental growth factor	PLGF_HUMAN	<i>PGF</i>
179	Progesterone receptor	PRGR_HUMAN	<i>PGR</i>
180	Phosphatidylinositol-4,5-bisphosphate 3-kinase catalytic subunit, gamma isoform	PK3CG_HUMAN	<i>PIK3CG</i>
181	Proto-oncogene serine/threonine-protein kinase Pim-1	PIM1_HUMAN	<i>PIM1</i>
182	Camp-dependent protein kinase inhibitor alpha	IPKA_HUMAN	<i>PKIA</i>
183	Phospholipase A2, group IB	PA21B_HUMAN	<i>PLA2G1B</i>
184	Phospholipase A2, group IIA	PA2GA_HUMAN	<i>PLA2G2A</i>
185	Phospholipase A2, group IVA	PA24A_HUMAN	<i>PLA2G4A</i>
186	Urokinase-type plasminogen activator	UROK_HUMAN	<i>PLAU</i>
187	Myelin P2 protein	MYP2_HUMAN	<i>PMP2</i>

188	Serum paraoxonase/arylesterase 1	PON1_HUMAN	<i>PON1</i>
189	Peroxisome proliferator-activated receptor alpha	PPARA_HUMAN	<i>PPARA</i>
190	Peroxisome proliferator-activated receptor delta	PPARD_HUMAN	<i>PPARD</i>
191	Peroxisome proliferator activated receptor gamma	PPARG_HUMAN	<i>PPARG</i>
192	Peptidylprolyl isomerase G (cyclophilin G)	PPIG_HUMAN	<i>PPIG</i>
193	Protein kinase, AMP-activated, alpha 1 catalytic subunit	AAPK1_HUMAN	<i>PRKAA1</i>
194	Mrna of PKA Catalytic Subunit C-alpha	KAPCA_HUMAN	<i>PRKACA</i>
195	Protein kinase C, alpha	KPCA_HUMAN	<i>PRKCA</i>
196	Protein kinase C, gamma	KPCG_HUMAN	<i>PRKCG</i>
197	Prolactin	PRL_HUMAN	<i>PRL</i>
198	Trypsin-1	TRY1_HUMAN	<i>PRSS1</i>
199	Prostaglandin G/H synthase 1	PGH1_HUMAN	<i>PTGS1</i>
200	Prostaglandin G/H synthase 2	PGH2_HUMAN	<i>PTGS2</i>
201	Mrna of Protein-tyrosine phosphatase, non-receptor type 1	PTN1_HUMAN	<i>PTPN1</i>
202	Retinoblastoma 1	RB_HUMAN	<i>RB1</i>
203	Renin	RENI_HUMAN	<i>REN</i>
204	Ras homolog family member A	RHOA_HUMAN	<i>RHOA</i>
205	Retinoic acid receptor RXR-alpha	RXRA_HUMAN	<i>RXRA</i>
206	Retinoic acid receptor RXR-gamma	RXRG_HUMAN	<i>RXRG</i>
207	Sodium channel protein type 5 subunit alpha	SCN5A_HUMAN	<i>SCN5A</i>
208	Sigma non-opioid intracellular receptor 1	SGMR1_HUMAN	<i>SIGMAR1</i>
209	Sodium-dependent noradrenaline transporter	SC6A2_HUMAN	<i>SLC6A2</i>
210	Sodium-dependent dopamine transporter	SC6A3_HUMAN	<i>SLC6A3</i>
211	Sodium-dependent serotonin transporter	SC6A4_HUMAN	<i>SLC6A4</i>
212	Solute carrier organic anion transporter family, member 1B1	SO1B1_HUMAN	<i>SLCO1B1</i>
213	Solute carrier organic anion transporter family member 1B3	SO1B3_HUMAN	<i>SLCO1B3</i>
214	Sterol regulatory element binding transcription factor 1	SRBP1_HUMAN	<i>SREBF1</i>
215	Sterol regulatory element binding transcription factor 2	SRBP2_HUMAN	<i>SREBF2</i>
216	Somatostatin	SMS_HUMAN	<i>SST</i>
217	Serine/threonine kinase 11	STK11_HUMAN	<i>STK11</i>
218	Tachykinin, precursor 1	TKN1_HUMAN	<i>TAC1</i>
219	Thromboxane A2 receptor	TA2R_HUMAN	<i>TBXA2R</i>
220	Thromboxane-A synthase	THAS_HUMAN	<i>TBXAS1</i>
221	Tyrosyl-DNA phosphodiesterase 1	TYDP1_HUMAN	<i>TDP1</i>

222	Transmembrane protease, serine 11D			TM11D_HUMAN	<i>TMPRSS11D</i>
223	Tumor necrosis factor			TNFA_HUMAN	<i>TNF</i>
224	DNA topoisomerase 1			TOP1_HUMAN	<i>TOP1</i>
225	DNA topoisomerase 2-alpha			TOP2A_HUMAN	<i>TOP2A</i>
226	Cellular tumor antigen p53			P53_HUMAN	<i>TP53</i>
227	Transient receptor potential cation channel, subfamily M, member 5			TRPM5_HUMAN	<i>TRPM5</i>
228	Transient receptor potential cation channel, subfamily V, member 4			TRPV4_HUMAN	<i>TRPV4</i>
229	Tyrosinase			TYRO_HUMAN	<i>TYR</i>
230	UDP glucuronosyltransferase 1 family, polypeptide A10			UD110_HUMAN	<i>UGT1A10</i>
231	UDP glucuronosyltransferase 1 family, polypeptide A3			UD13_HUMAN	<i>UGT1A3</i>
232	UDP glucuronosyltransferase 1 family, polypeptide A7			UD17_HUMAN	<i>UGT1A7</i>
233	UDP glucuronosyltransferase 1 family, polypeptide A8			UD18_HUMAN	<i>UGT1A8</i>
234	Vascular endothelial growth factor A			VEGFA_HUMAN	<i>VEGFA</i>
235	Very low-density lipoprotein receptor			VLDLR_HUMAN	<i>VLDLR</i>
236	WD and tetratricopeptide repeats 1			WDTC1_HUMAN	<i>WDTC1</i>

Table S3 Database of AD-related genes

No.	Gene symbol
1	<i>A2M</i>
2	<i>AATF</i>
3	<i>ABCA1</i>
4	<i>ABCA2</i>
5	<i>ABCA7</i>
6	<i>ACE</i>
7	<i>ACHE</i>
8	<i>ADAM10</i>
9	<i>ADAM17</i>
10	<i>ADAM19</i>
11	<i>ADAM22</i>
12	<i>AGAP1</i>
13	<i>AGAP11</i>
14	<i>AGER</i>
15	<i>AKR1D1</i>
16	<i>ALAS2</i>
17	<i>ANKS1B</i>
18	<i>APAF1</i>
19	<i>APBA1</i>
20	<i>APBA2</i>
21	<i>APBA3</i>
22	<i>APBB1</i>
23	<i>APBB2</i>
24	<i>APBB3</i>
25	<i>APH1A</i>
26	<i>APH1B</i>
27	<i>APLP1</i>
28	<i>APLP2</i>
29	<i>APOC1</i>
30	<i>APOE</i>
31	<i>APP</i>
32	<i>ARL10</i>
33	<i>ARPP21</i>
34	<i>ASAH2B</i>
35	<i>ATF6</i>
36	<i>ATP1B1</i>
37	<i>ATP2A1</i>
38	<i>ATP2A2</i>
39	<i>ATP2A3</i>
40	<i>ATP2B1</i>
41	<i>ATP5F1A</i>
42	<i>ATP5F1B</i>

43	<i>ATP5F1C</i>
44	<i>ATP5F1D</i>
45	<i>ATP5F1E</i>
46	<i>ATP5MC1</i>
47	<i>ATP5MC2</i>
48	<i>ATP5MC3</i>
49	<i>ATP5PB</i>
50	<i>ATP5PD</i>
51	<i>ATP5PF</i>
52	<i>ATP5PO</i>
53	<i>ATXN2</i>
54	<i>ATXN8OS</i>
55	<i>AZU1</i>
56	<i>B3GALT2</i>
57	<i>BACE1</i>
58	<i>BACE2</i>
59	<i>BAD</i>
60	<i>BCHE</i>
61	<i>BDNF</i>
62	<i>BECN1</i>
63	<i>BID</i>
64	<i>BLMH</i>
65	<i>BPTF</i>
66	<i>C4B</i>
67	<i>CACNA1C</i>
68	<i>CACNA1D</i>
69	<i>CACNA1F</i>
70	<i>CACNA1S</i>
71	<i>CALHM1</i>
72	<i>CALM1</i>
73	<i>CALM2</i>
74	<i>CALM3</i>
75	<i>CALML3</i>
76	<i>CALML4</i>
77	<i>CALML5</i>
78	<i>CALML6</i>
79	<i>CAMK1G</i>
80	<i>CAMKK2</i>
81	<i>CAPN1</i>
82	<i>CAPN2</i>
83	<i>CAPRIN2</i>
84	<i>CASP1</i>
85	<i>CASP12</i>
86	<i>CASP2</i>

87	<i>CASP3</i>
88	<i>CASP7</i>
89	<i>CASP8</i>
90	<i>CASP9</i>
91	<i>CAT</i>
92	<i>CCR2</i>
93	<i>CD33</i>
94	<i>CD40</i>
95	<i>CD40LG</i>
96	<i>CDK5</i>
97	<i>CDK5R1</i>
98	<i>CES1P1</i>
99	<i>CETP</i>
100	<i>CFH</i>
101	<i>CHAT</i>
102	<i>CHRNA7</i>
103	<i>CIB1</i>
104	<i>CLSTN1</i>
105	<i>CLSTN3</i>
106	<i>CLU</i>
107	<i>COL25A1</i>
108	<i>COL4A5</i>
109	<i>COX11</i>
110	<i>COX4I1</i>
111	<i>COX4I2</i>
112	<i>COX5A</i>
113	<i>COX5B</i>
114	<i>COX6A1</i>
115	<i>COX6A2</i>
116	<i>COX6B1</i>
117	<i>COX6B2</i>
118	<i>COX6C</i>
119	<i>COX7A1</i>
120	<i>COX7A2</i>
121	<i>COX7A2L</i>
122	<i>COX7B</i>
123	<i>COX7B2</i>
124	<i>COX7C</i>
125	<i>COX8A</i>
126	<i>COX8C</i>
127	<i>CRH</i>
128	<i>CRYAB</i>
129	<i>CSNK1D</i>
130	<i>CSPG4</i>

131	<i>CST3</i>
132	<i>CTNNA3</i>
133	<i>CTSB</i>
134	<i>CTSD</i>
135	<i>CTSG</i>
136	<i>CXCL3</i>
137	<i>CYC1</i>
138	<i>CYCS</i>
139	<i>CYP2D6</i>
140	<i>CYP3A5</i>
141	<i>CYP46A1</i>
142	<i>DBN1</i>
143	<i>DCHS2</i>
144	<i>DHCR24</i>
145	<i>DKK1</i>
146	<i>DLG4</i>
147	<i>DLST</i>
148	<i>DNAH6</i>
149	<i>DNHD1</i>
150	<i>DNM1L</i>
151	<i>DNMBP</i>
152	<i>DOCK3</i>
153	<i>DPYSL2</i>
154	<i>DYNC1I1</i>
155	<i>DYRK1A</i>
156	<i>ECE1</i>
157	<i>ECE2</i>
158	<i>EDNRB</i>
159	<i>EGFEM1P</i>
160	<i>EIF2AK2</i>
161	<i>EIF2AK3</i>
162	<i>ELMOD1</i>
163	<i>EMP1</i>
164	<i>EMP2</i>
165	<i>EPHB2</i>
166	<i>ERN1</i>
167	<i>EXOC3L2</i>
168	<i>FADD</i>
169	<i>FAM120B</i>
170	<i>FAM170B</i>
171	<i>FAM83C</i>
172	<i>FARSB</i>
173	<i>FAS</i>
174	<i>FBXO4</i>

175	<i>FFAR4</i>
176	<i>FGA</i>
177	<i>FREM1</i>
178	<i>FRMD4A</i>
179	<i>GAB2</i>
180	<i>GAL</i>
181	<i>GAP43</i>
182	<i>GAPDH</i>
183	<i>GAPDHS</i>
184	<i>GBA</i>
185	<i>GDNF</i>
186	<i>GFAP</i>
187	<i>GLO1</i>
188	<i>GLRX</i>
189	<i>GNAQ</i>
190	<i>GNG13</i>
191	<i>GPC1</i>
192	<i>GPR3</i>
193	<i>GPRC5B</i>
194	<i>GRIN1</i>
195	<i>GRIN2A</i>
196	<i>GRIN2B</i>
197	<i>GRIN2C</i>
198	<i>GRIN2D</i>
199	<i>GRK2</i>
200	<i>GRN</i>
201	<i>GSAP</i>
202	<i>GSK3A</i>
203	<i>GSK3B</i>
204	<i>GUCY1B3</i>
205	<i>HACD3</i>
206	<i>HDAC2</i>
207	<i>HFE</i>
208	<i>HLA-A</i>
209	<i>HLA-DOA</i>
210	<i>HMOX1</i>
211	<i>HSD11B1</i>
212	<i>HSD17B10</i>
213	<i>HSPA9</i>
214	<i>HTR2A</i>
215	<i>ICAM5</i>
216	<i>IDE</i>
217	<i>IL17A</i>
218	<i>IL1A</i>

219	<i>IL1B</i>
220	<i>IL6ST</i>
221	<i>INS</i>
222	<i>INTS1</i>
223	<i>IQUB</i>
224	<i>ITFG1</i>
225	<i>ITM2B</i>
226	<i>ITM2C</i>
227	<i>ITPR1</i>
228	<i>ITPR2</i>
229	<i>ITPR3</i>
230	<i>KCNIP3</i>
231	<i>KCNIP4</i>
232	<i>KCNK1</i>
233	<i>KIAA1462</i>
234	<i>KITLG</i>
235	<i>KLK6</i>
236	<i>LAMB4</i>
237	<i>LDLR</i>
238	<i>LILRB2</i>
239	<i>LMBRD2</i>
240	<i>LPL</i>
241	<i>LRP1</i>
242	<i>LRP8</i>
243	<i>LRRK2</i>
244	<i>MALRD1</i>
245	<i>MAOB</i>
246	<i>MAP1B</i>
247	<i>MAP2</i>
248	<i>MAPK1</i>
249	<i>MAPK3</i>
250	<i>MAPK8</i>
251	<i>MAPT</i>
252	<i>MARK1</i>
253	<i>MARK4</i>
254	<i>MEOX2</i>
255	<i>MICAL2</i>
256	<i>MICALL2</i>
257	<i>MME</i>
258	<i>MPO</i>
259	<i>MSR1</i>
260	<i>MT1G</i>
261	<i>MT3</i>
262	<i>MT-ATP6</i>

263	<i>MT-ATP8</i>
264	<i>MT-CO1</i>
265	<i>MT-CO2</i>
266	<i>MT-CO3</i>
267	<i>MT-CYB</i>
268	<i>MT-ND1</i>
269	<i>MT-ND2</i>
270	<i>NAE1</i>
271	<i>NCSTN</i>
272	<i>NDRG2</i>
273	<i>NDUFA1</i>
274	<i>NDUFA10</i>
275	<i>NDUFA11</i>
276	<i>NDUFA12</i>
277	<i>NDUFA13</i>
278	<i>NDUFA2</i>
279	<i>NDUFA3</i>
280	<i>NDUFA4</i>
281	<i>NDUFA4L2</i>
282	<i>NDUFA5</i>
283	<i>NDUFA6</i>
284	<i>NDUFA7</i>
285	<i>NDUFA8</i>
286	<i>NDUFA9</i>
287	<i>NDUFAB1</i>
288	<i>NDUFB1</i>
289	<i>NDUFB10</i>
290	<i>NDUFB11</i>
291	<i>NDUFB2</i>
292	<i>NDUFB3</i>
293	<i>NDUFB4</i>
294	<i>NDUFB5</i>
295	<i>NDUFB6</i>
296	<i>NDUFB7</i>
297	<i>NDUFB8</i>
298	<i>NDUFB9</i>
299	<i>NDUFC1</i>
300	<i>NDUFC2</i>
301	<i>NDUFC2-KCTD14</i>
302	<i>NDUFS1</i>
303	<i>NDUFS2</i>
304	<i>NDUFS3</i>
305	<i>NDUFS4</i>
306	<i>NDUFS5</i>

307	<i>NDUFS6</i>
308	<i>NDUFS7</i>
309	<i>NDUFS8</i>
310	<i>NDUFV1</i>
311	<i>NDUFV2</i>
312	<i>NDUFV3</i>
313	<i>NEFL</i>
314	<i>NELL2</i>
315	<i>NGF</i>
316	<i>NGFR</i>
317	<i>NLRP3</i>
318	<i>NOS1</i>
319	<i>NOS2</i>
320	<i>NOS3</i>
321	<i>NOTCH1</i>
322	<i>NQO1</i>
323	<i>NRG1</i>
324	<i>NRGN</i>
325	<i>NT5E</i>
326	<i>NTRK1</i>
327	<i>NTRK2</i>
328	<i>OGDH</i>
329	<i>OGT</i>
330	<i>OLR1</i>
331	<i>PADI2</i>
332	<i>PAK1</i>
333	<i>PAQR9</i>
334	<i>PARK2</i>
335	<i>PARM1</i>
336	<i>PAXIP1</i>
337	<i>PCDH7</i>
338	<i>PCSK1N</i>
339	<i>PDE1C</i>
340	<i>PDE2A</i>
341	<i>PI4KA</i>
342	<i>PICALM</i>
343	<i>PIN1</i>
344	<i>PITRM1</i>
345	<i>PLAU</i>
346	<i>PLCB1</i>
347	<i>PLCB2</i>
348	<i>PLCB3</i>
349	<i>PLCB4</i>
350	<i>PLCE1</i>

351	<i>PLD3</i>
352	<i>PPIF</i>
353	<i>PPP3CA</i>
354	<i>PPP3CB</i>
355	<i>PPP3CC</i>
356	<i>PPP3R1</i>
357	<i>PPP3R2</i>
358	<i>PRDM8</i>
359	<i>PREPL</i>
360	<i>PREX2</i>
361	<i>PRND</i>
362	<i>PRNP</i>
363	<i>PSEN1</i>
364	<i>PSEN2</i>
365	<i>PSENE1</i>
366	<i>PTGDS</i>
367	<i>PTGS2</i>
368	<i>PTPA</i>
369	<i>PYCARD</i>
370	<i>QPCT</i>
371	<i>RASGRF1</i>
372	<i>RBPM2</i>
373	<i>RCAN1</i>
374	<i>REG1A</i>
375	<i>RELN</i>
376	<i>REST</i>
377	<i>RGL3</i>
378	<i>RHOJ</i>
379	<i>RPH3A</i>
380	<i>RTN3</i>
381	<i>RTN4</i>
382	<i>RYR3</i>
383	<i>S100B</i>
384	<i>SDHA</i>
385	<i>SDHB</i>
386	<i>SDHC</i>
387	<i>SDHD</i>
388	<i>SEMA3A</i>
389	<i>SEMA6D</i>
390	<i>SERPINA3</i>
391	<i>SIRT1</i>
392	<i>SLC17A8</i>
393	<i>SLC18A3</i>
394	<i>SLC1A2</i>

395	<i>SLC1A3</i>
396	<i>SLC23A2</i>
397	<i>SLC30A6</i>
398	<i>SLC35D3</i>
399	<i>SLC39A1</i>
400	<i>SLC4A1</i>
401	<i>SLC6A4</i>
402	<i>SLIT1</i>
403	<i>SNCA</i>
404	<i>SNCB</i>
405	<i>SNCG</i>
406	<i>SOD1</i>
407	<i>SORBS1</i>
408	<i>SORCS3</i>
409	<i>SORL1</i>
410	<i>SQSTM1</i>
411	<i>SREK1IP1</i>
412	<i>STH</i>
413	<i>STMN2</i>
414	<i>SYP</i>
415	<i>TAAR1</i>
416	<i>TARDBP</i>
417	<i>TAT</i>
418	<i>TF</i>
419	<i>TFCP2</i>
420	<i>TGFB1</i>
421	<i>THOP1</i>
422	<i>TM2D1</i>
423	<i>TMED10</i>
424	<i>TMEM259</i>
425	<i>TNF</i>
426	<i>TNFRSF1A</i>
427	<i>TNFRSF21</i>
428	<i>TNS1</i>
429	<i>TNXB</i>
430	<i>TREM2</i>
431	<i>TREML2</i>
432	<i>TRPM7</i>
433	<i>TTBK1</i>
434	<i>TTR</i>
435	<i>UBB</i>
436	<i>UBQLN1</i>
437	<i>UCHL1</i>
438	<i>UNC80</i>

439	<i>UQCR10</i>
440	<i>UQCR11</i>
441	<i>UQCRB</i>
442	<i>UQCRC1</i>
443	<i>UQCRC2</i>
444	<i>UQCRFS1</i>
445	<i>UQCRH</i>
446	<i>UQCRHL</i>
447	<i>UQCRQ</i>
448	<i>UTP11L</i>
449	<i>VLDLR</i>
450	<i>VPS26A</i>
451	<i>VSNL1</i>
452	<i>VSTM2L</i>
453	<i>WBSCR17</i>
454	<i>ZAR1</i>
455	<i>ZMYND11</i>
456	<i>ZNF425</i>

Table S4 245 PRTs of FQD in treating AD

No.	Protein name	Gene Symbol	Seed node	Degree Centrality (DC)
1	Neurotrophic receptor tyrosine kinase 1	<i>NTRK1</i>		487
2	Calmodulin 3 (phosphorylase kinase, delta)	<i>CALM3</i>		381
3	Calmodulin 1 (phosphorylase kinase, delta)	<i>CALM1</i>	TRUE	381
4	Calmodulin 2 (phosphorylase kinase, delta)	<i>CALM2</i>		381
5	Amyloid beta precursor protein	<i>APP</i>		364
6	Mitogen-activated protein kinase 1	<i>MAPK1</i>	TRUE	325
7	Tumor protein p53	<i>TP53</i>		315
8	Glycogen synthase kinase 3 beta	<i>GSK3B</i>	TRUE	314
9	Epidermal growth factor receptor	<i>EGFR</i>		308
10	Cullin 3	<i>CUL3</i>		307
11	Ubiquitin C	<i>UBC</i>		301
12	Heat shock protein 90kda alpha family class A member 1	<i>HSP90AA1</i>		298
13	Exportin 1	<i>XPO1</i>		280
14	Mitogen-activated protein kinase 3	<i>MAPK3</i>	TRUE	272
15	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein zeta	<i>YWHAZ</i>		259
16	Minichromosome maintenance complex component 2	<i>MCM2</i>		253
17	Estrogen receptor 1	<i>ESR1</i>		251
18	Cyclin-dependent kinase 2	<i>CDK2</i>		237
19	Growth factor receptor bound protein 2	<i>GRB2</i>		236
20	Y class B member 1	<i>HSP90AB1</i>		231
21	COP9 signalosome subunit 5	<i>COP55</i>		223
22	E1A binding protein p300	<i>EP300</i>		216
23	Cullin 1	<i>CUL1</i>		215
24	Valosin containing protein	<i>VCP</i>		213
25	Cullin 7	<i>CUL7</i>		204
26	Nucleophosmin (nucleolar phosphoprotein B23, numatrin)	<i>NPM1</i>		202
27	Heat shock protein family A (Hsp70) member 5	<i>HSPA5</i>		195
28	Ring finger protein 2	<i>RNF2</i>		192
29	Parkin RBR E3 ubiquitin protein ligase	<i>PARK2</i>		190
30	Coiled-coil domain containing 8	<i>CCDC8</i>		189
31	Heat shock protein family A (Hsp70) member 8	<i>HSPA8</i>		187
32	HECT, UBA and WWE domain containing	<i>HUWE1</i>		186

	1, E3 ubiquitin protein ligase			
33	V-myc avian myelocytomatosis viral oncogene homolog	<i>MYC</i>		186
34	Integrin subunit alpha 4	<i>ITGA4</i>		186
35	Breast cancer 1	<i>BRCA1</i>		181
36	Caspase 3	<i>CASP3</i>	TRUE	181
37	TNF receptor associated factor 6	<i>TRAF6</i>		180
38	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein epsilon	<i>YWHAE</i>		178
39	Cell division cycle 5 like	<i>CDC5L</i>		174
40	Catenin beta 1	<i>CTNNB1</i>		174
41	V-akt murine thymoma viral oncogene homolog 1	<i>AKT1</i>		170
42	SRC proto-oncogene, non-receptor tyrosine kinase	<i>SRC</i>		168
43	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein theta	<i>YWHAQ</i>		168
44	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein gamma	<i>YWHAG</i>		165
45	EWS RNA binding protein 1	<i>EWSR1</i>		164
46	CREB binding protein	<i>CREBBP</i>		163
47	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase gamma	<i>IKBKG</i>		162
48	MDM2 proto-oncogene	<i>MDM2</i>		159
49	Nitric oxide synthase 2	<i>NOS2</i>	TRUE	156
50	Heterogeneous nuclear ribonucleoprotein A1	<i>HNRNPA1</i>		156
51	Tyrosine 3-monooxygenase/tryptophan 5-monooxygenase activation protein beta	<i>YWHAB</i>		148
52	Eukaryotic translation elongation factor 1 alpha 1	<i>EEF1A1</i>		147
53	Casein kinase 2 alpha 1	<i>CSNK2A1</i>		146
54	Casein kinase 2 alpha 3	<i>CSNK2A3</i>		146
55	Heat shock protein family A (Hsp70) member 4	<i>HSPA4</i>		146
56	Tubulin beta class I	<i>TUBB</i>		144
57	Heterogeneous nuclear ribonucleoprotein U (scaffold attachment factor A)	<i>HNRNPU</i>		144
58	Von Hippel-Lindau tumor suppressor	<i>VHL</i>		143
59	Cyclin-dependent kinase 1	<i>CDK1</i>		142
60	PAN2 poly(A) specific ribonuclease	<i>PAN2</i>		141

	subunit		
61	Clathrin heavy chain	<i>CLTC</i>	138
62	Arrestin beta 2	<i>ARRB2</i>	138
63	FUS RNA binding protein	<i>FUS</i>	138
64	Protein kinase, DNA-activated, catalytic polypeptide	<i>PRKDC</i>	135
65	SMAD family member 3	<i>SMAD3</i>	135
66	Ribosomal protein s27a	<i>RPS27A</i>	134
67	Cullin 5	<i>CUL5</i>	134
68	Embryonic ectoderm development	<i>EED</i>	134
69	Androgen receptor	<i>AR</i>	132
70	V-rel avian reticuloendotheliosis viral oncogene homolog A	<i>RELA</i>	132
71	Filamin A	<i>FLNA</i>	132
72	Protein kinase C alpha	<i>PRKCA</i>	131
73	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase epsilon	<i>IKBKE</i>	129
74	Mitogen-activated protein kinase kinase kinase 3	<i>MAP3K3</i>	129
75	Receptor for activated C kinase 1	<i>RACK1</i>	127
76	SMAD family member 2	<i>SMAD2</i>	127
77	Myosin, heavy chain 9, non-muscle	<i>MYH9</i>	126
78	Beta-transducin repeat containing E3 ubiquitin protein ligase	<i>BTRC</i>	126
79	Jun proto-oncogene	<i>JUN</i>	125
80	U2 small nuclear RNA auxiliary factor 2	<i>U2AF2</i>	124
81	Cell division cycle 37	<i>CDC37</i>	124
82	Staufen double-stranded RNA binding protein 1	<i>STAU1</i>	124
83	Mitogen-activated protein kinase 14	<i>MAPK14</i>	123
84	Actin, beta	<i>ACTB</i>	123
85	Catalytic subunit alpha	<i>PPP1CA</i>	123
86	Microtubule associated protein tau	<i>MAPT</i>	TRUE 123
87	Tumor necrosis factor receptor superfamily member 1A	<i>TNFRSF1A</i>	123
88	Leucine-rich repeat kinase 2	<i>LRRK2</i>	122
89	Cyclin-dependent kinase inhibitor 1A	<i>CDKN1A</i>	122
90	Histone deacetylase 6	<i>HDAC6</i>	122
91	Sp1 transcription factor	<i>SP1</i>	121
92	Poly(ADP-ribose) polymerase 1	<i>PARP1</i>	121
93	Heat shock protein family B (small) member 1	<i>HSPB1</i>	121
94	TNF receptor associated factor 2	<i>TRAF2</i>	121
95	BCL2 associated athanogene 3	<i>BAG3</i>	120

96	Mitogen-activated protein kinase 8	<i>MAPK8</i>		119
97	Retinoblastoma 1	<i>RB1</i>		119
98	FYN proto-oncogene, Src family tyrosine kinase	<i>FYN</i>		119
99	Arrestin beta 1	<i>ARRB1</i>		118
100	Alytic subunit alpha	<i>PPP2CA</i>		118
101	ABL proto-oncogene 1, non-receptor tyrosine kinase	<i>ABL1</i>		117
102	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 1	<i>NFKB1</i>		117
103	Histone cluster 1, h3b	<i>HIST1H3B</i>		117
104	Histone cluster 1, h3g	<i>HIST1H3G</i>		117
105	Histone cluster 1, h3i	<i>HIST1H3I</i>		117
106	Histone cluster 1, h3h	<i>HIST1H3H</i>		117
107	Ster 1, h3j	<i>HIST1H3J</i>		117
108	Histone cluster 1, h3d	<i>HIST1H3D</i>		117
109	Histone cluster 1, h3a	<i>HIST1H3A</i>		117
110	Histone cluster 1, h3e	<i>HIST1H3E</i>		117
111	Histone cluster 1, h3c	<i>HIST1H3C</i>		117
112	Histone cluster 1, h3f	<i>HIST1H3F</i>		117
113	Mitogen-activated protein kinase kinase 1	<i>MAP3K1</i>		116
114	SHC (Src homology 2 domain containing) transforming protein 1	<i>SHC1</i>		115
115	STIP1 homology and U-box containing protein 1	<i>STUB1</i>		115
116	R necrosis factor	<i>TNF</i>	TRUE	115
117	Proteasome subunit alpha 3	<i>PSMA3</i>		114
118	Tubulin gamma 1	<i>TUBG1</i>		114
119	Cbl proto-oncogene, E3 ubiquitin protein ligase	<i>CBL</i>		113
120	Heat shock protein family A (Hsp70) member 9	<i>HSPA9</i>		112
121	Raf-1 proto-oncogene, serine/threonine kinase	<i>RAF1</i>		111
122	Sequestosome 1	<i>SQSTM1</i>		111
123	Histone deacetylase 3	<i>HDAC3</i>		111
124	Casein kinase 2 beta	<i>CSNK2B</i>		110
125	Protein kinase camp-activated catalytic subunit alpha	<i>PRKACA</i>		110
126	H2A histone family member X	<i>H2AFX</i>		110
127	Vimentin	<i>VIM</i>		109
128	Heat shock protein family A (Hsp70) member 1B	<i>HSPA1B</i>		108

129	Heat shock protein family A (Hsp70) member 1A	<i>HSPA1A</i>		108
130	Cullin 4A	<i>CUL4A</i>		108
131	Sirtuin 1	<i>SIRT1</i>		107
132	Inhibitor of kappa light polypeptide gene enhancer in B-cells, kinase beta	<i>IKBKB</i>		106
133	Glyceraldehyde-3-phosphate dehydrogenase	<i>GAPDH</i>		105
134	IQ motif containing gtpase activating protein 1	<i>IQGAP1</i>		104
135	Conserved helix-loop-helix ubiquitous kinase	<i>CHUK</i>		102
136	Aurora kinase A	<i>AURKA</i>		102
137	Caspase 8	<i>CASP8</i>		102
138	COMMD3-BMI1 readthrough	<i>COMMD3-BMI1</i>		100
139	Signal transducer and activator of transcription 3	<i>STAT3</i>		100
140	BMI1 proto-oncogene, polycomb ring finger	<i>BMI1</i>		100
141	Promyelocytic leukemia	<i>PML</i>		100
142	Integrin linked kinase	<i>ILK</i>		100
143	Synuclein alpha	<i>SNCA</i>		99
144	Adrenoceptor beta 2	<i>ADRB2</i>		99
145	Phosphoinositide-3-kinase regulatory subunit 1	<i>PIK3R1</i>		99
146	Heat shock protein family D (Hsp60) member 1	<i>HSPD1</i>		99
147	X-ray repair complementing defective repair in Chinese hamster cells 5	<i>XRCC5</i>		99
148	Neural precursor cell expressed, developmentally down-regulated 4, E3 ubiquitin protein ligase	<i>NEDD4</i>		98
149	Ubiquitin like 4A	<i>UBL4A</i>		98
150	Tubulin alpha 1a	<i>TUBA1A</i>		98
151	Activating transcription factor 2	<i>ATF2</i>		97
152	Protein phosphatase 2 regulatory subunit A, alpha	<i>PPP2R1A</i>		97
153	F-box and WD repeat domain containing 11	<i>FBXW11</i>		96
154	Dual specificity tyrosine phosphorylation regulated kinase 1A	<i>DYRK1A</i>	TRUE	96
155	Peptidylprolyl cis/trans isomerase, NIMA-interacting 1	<i>PIN1</i>		96
156	Cullin 4B	<i>CUL4B</i>		96

157	DEAD-box helicase 5	<i>DDX5</i>	96
158	Actin gamma 1	<i>ACTG1</i>	95
159	Proteasome 26S subunit, non-atpase 2	<i>PSMD2</i>	94
160	NFKB inhibitor alpha	<i>NFKBIA</i>	94
161	Caveolin 1	<i>CAV1</i>	94
162	Paxillin	<i>PXN</i>	92
163	Nuclear receptor subfamily 3 group C member 1	<i>NR3C1</i>	92
164	SET nuclear proto-oncogene	<i>SET</i>	91
165	Ribosomal protein S3	<i>RPS3</i>	91
166	Spectrin alpha, non-erythrocytic 1	<i>SPTAN1</i>	91
167	Phosphatase and tensin homolog	<i>PTEN</i>	91
168	Proteasome 26S subunit, non-atpase 4	<i>PSMD4</i>	91
169	LYN proto-oncogene, Src family tyrosine kinase	<i>LYN</i>	91
170	Huntingtin	<i>HTT</i>	91
171	Telomeric repeat binding factor 1	<i>TERF1</i>	91
172	Y-box binding protein 1	<i>YBX1</i>	90
173	IQ motif containing B1	<i>IQCB1</i>	90
174	OTU deubiquitinase, ubiquitin aldehyde binding 1	<i>OTUB1</i>	89
175	Ruvb like AAA atpase 2	<i>RUVBL2</i>	88
176	LIM domain and actin binding 1	<i>LIMA1</i>	88
177	Stratifin	<i>SFN</i>	88
178	Chaperonin containing TCP1 subunit 2	<i>CCT2</i>	87
179	Ubiquitin C-terminal hydrolase L5	<i>UCHL5</i>	87
180	Protein phosphatase 1 catalytic subunit gamma	<i>PPP1CC</i>	87
181	Signal transducer and activator of transcription 1	<i>STAT1</i>	86
182	Proteasome 26S subunit, atpase 5	<i>PSMC5</i>	86
183	Heterogeneous nuclear ribonucleoprotein D	<i>HNRNPD</i>	86
184	Complement component 1, q subcomponent binding protein	<i>C1QBP</i>	85
185	Drebrin 1	<i>DBN1</i>	85
186	COP9 signalosome subunit 6	<i>COPS6</i>	84
187	Histone cluster 2, h4a	<i>HIST2H4A</i>	84
188	Histone cluster 1, h4e	<i>HIST1H4E</i>	84
189	Histone cluster 1, h4b	<i>HIST1H4B</i>	84
190	Histone cluster 1, h4l	<i>HIST1H4L</i>	84
191	Histone cluster 1, h4j	<i>HIST1H4J</i>	84
192	Histone cluster 1, h4k	<i>HIST1H4K</i>	84
193	Histone cluster 1, h4h	<i>HIST1H4H</i>	84

194	Histone cluster 1, h4c	<i>HIST1H4C</i>	84
195	Histone cluster 1, h4a	<i>HIST1H4A</i>	84
196	Histone cluster 1, h4f	<i>HIST1H4F</i>	84
197	Histone cluster 1, h4d	<i>HIST1H4D</i>	84
198	Histone cluster 1, h4i	<i>HIST1H4I</i>	84
199	Dynein light chain LC8-type 1	<i>DYNLL1</i>	84
200	Histone cluster 2, h4b	<i>HIST2H4B</i>	84
201	Histone cluster 4, H4	<i>HIST4H4</i>	84
202	Carbamoyl-phosphate synthetase 2, aspartate transcarbamylase, and dihydroorotase	<i>CAD</i>	83
203	Ribosomal protein S8	<i>RPS8</i>	83
204	ATP binding cassette subfamily E member 1	<i>ABCE1</i>	83
205	PAX interacting protein 1	<i>PAXIP1</i>	83
206	Small ubiquitin-like modifier 1	<i>SUMO1</i>	83
207	Major histocompatibility complex, class I, B	<i>HLA-B</i>	83
208	Of motor neuron 2, centromeric	<i>SMN2</i>	82
209	Survival of motor neuron 1, telomeric	<i>SMN1</i>	82
210	Casein kinase 2 alpha 2	<i>CSNK2A2</i>	82
211	Ribosomal protein S3A	<i>RPS3A</i>	81
212	Ribosomal protein S2	<i>RPS2</i>	81
213	BRCA1 associated RING domain 1	<i>BARD1</i>	81
214	Protein kinase C delta	<i>PRKCD</i>	81
215	Synaptotagmin binding cytoplasmic RNA interacting protein	<i>SYNCRIP</i>	81
216	Defective in cullin neddylation 1 domain containing 1	<i>DCUN1D1</i>	81
217	SMAD family member 4	<i>SMAD4</i>	81
218	Ubiquitin B	<i>UBB</i>	81
219	Chaperonin containing TCP1 subunit 3	<i>CCT3</i>	81
220	BCL2 associated athanogene 6	<i>BAG6</i>	81
221	FBJ murine osteosarcoma viral oncogene homolog	<i>FOS</i>	80
222	Proteasome subunit alpha 6	<i>PSMA6</i>	79
223	Proteasome subunit alpha 2	<i>PSMA2</i>	79
224	Ras-related C3 botulinum toxin substrate 1 (rho family, small GTP binding protein Rac1)	<i>RAC1</i>	79
225	P21 protein (Cdc42/Rac)-activated kinase 1	<i>PAK1</i>	79
226	Dnaj heat shock protein family (Hsp40) member A1	<i>DNAJA1</i>	79

227	Tumor protein p53 binding protein 1	<i>TP53BP1</i>	79
228	Histone deacetylase 4	<i>HDAC4</i>	78
229	Nuclear receptor coactivator 3	<i>NCOA3</i>	78
230	Mitogen-activated protein kinase kinase kinase 14	<i>MAP3K14</i>	78
231	Ribosomal protein S14	<i>RPS14</i>	77
232	Microtubule associated protein RP/EB family member 1	<i>MAPRE1</i>	77
233	Growth arrest and DNA damage inducible alpha	<i>GADD45A</i>	77
234	Splicing factor proline/glutamine-rich	<i>SFPQ</i>	76
235	Proteasome 26S subunit, non-atpase 1	<i>PSMD1</i>	76
236	KH domain containing, RNA binding, signal transduction associated 1	<i>KHDRBS1</i>	76
237	P21 protein (Cdc42/Rac)-activated kinase 2	<i>PAK2</i>	76
238	Aurora kinase B	<i>AURKB</i>	76
239	Karyopherin subunit beta 1	<i>KPNB1</i>	76
240	Nuclear factor of kappa light polypeptide gene enhancer in B-cells 2	<i>NFKB2</i>	75
241	TANK binding kinase 1	<i>TBK1</i>	75
242	Tubulin alpha 4a	<i>TUBA4A</i>	75
243	Eukaryotic translation elongation factor 2	<i>EEF2</i>	74
244	S-phase kinase-associated protein 1	<i>SKP1</i>	74
245	Chaperonin containing TCP1 subunit 6A	<i>CCT6A</i>	74
