

	Ligand.Syr	Pair.Name	Receptor.Symbol
1	A2M	A2M_LRP1	LRP1
2	ADAM10	ADAM10_	AXL
3	ADAM12	ADAM12_	ITGB1
4	ADAM12	ADAM12_	SDC4
5	ADAM15	ADAM15_	ITGB1
6	ADAM17	ADAM17_	ITGB1
7	ADAM2	ADAM2_C	CD9
8	ADAM2	ADAM2_	ITGB1
9	ADAM28	ADAM28_	ITGA4
10	ADAM9	ADAM9_	ITGA3
11	ADAM9	ADAM9_	ITGB1
12	ADM	ADM_CAL	CALCR
13	ADM	ADM_CAL	CALCRL
14	ADM	ADM_GPR	GPR182
15	ADM	ADM_MRC	MRGPRX2
16	ADM	ADM_RAM	RAMP2
17	AHSG	AHSG_INS	INSR
18	ALOX5AP	ALOX5AP_	ALOX5
19	AMELX	AMELX_LA	LAMP1
20	AMELY	AMELY_LA	LAMP1
21	AMH	AMH_EGF	EGFR
22	ANGPT1	ANGPT1_	ITGB1
23	ANGPTL4	ANGPTL4_	TIE1
24	ANXA1	ANXA1_D	DYSF
25	ANXA1	ANXA1_EC	EGFR
26	ANXA1	ANXA1_FP	FPR1
27	ANXA1	ANXA1_FP	FPR2
28	ANXA1	ANXA1_FP	FPR3
29	APOB	APOB_ITG	ITGAM
30	APOB	APOB_ITG	ITGB2
31	APOB	APOB_OLF	OLR1
32	APOC3	APOC3_TL	TLR2
33	APOE	APOE_CHF	CHRNA4
34	APOE	APOE_LDL	LDLR
35	APOE	APOE_LRP	LRP1
36	APOE	APOE_LRP	LRP2
37	APOE	APOE_LRP	LRP5
38	APOE	APOE_LRP	LRP8
39	APOE	APOE_SCA	SCARB1
40	APOE	APOE_SOF	SORL1
41	APOE	APOE_VLC	VLDLR
42	APP	APP_CAV1	CAV1
43	APP	APP_CD74	CD74
44	APP	APP_FPR2	FPR2
45	APP	APP_GPC1	GPC1
46	APP	APP_LRP1	LRP1
47	APP	APP_NCST	NCSTN
48	APP	APP_NGFR	NGFR
49	APP	APP_SLC4	SLC45A3
50	APP	APP_TNFR	TNFRSF21
51	AREG	AREG_EGF	EGFR
52	AREG	AREG_ERB	ERBB3
53	AREGB	AREGB_EG	EGFR
54	AREGB	AREGB_ER	ERBB3
55	ARF1	ARF1_CHR	CHRM3
56	ARF1	ARF1_INS	INSR
57	ARF1	ARF1_PLD	PLD2

58	ASIP	ASIP_MGR MGRN1
59	B2M	B2M_CD1/ CD1A
60	B2M	B2M_CD1f CD1B
61	B2M	B2M_CD2/ CD247
62	B2M	B2M_CD3f CD3D
63	B2M	B2M_CD3(CD3G
64	B2M	B2M_HFE HFE
65	B2M	B2M_HLA- HLA-F
66	B2M	B2M_KIR2f KIR2DL1
67	B2M	B2M_KIR2f KIR2DL3
68	B2M	B2M_KIR3f KIR3DL1
69	B2M	B2M_KLRC KLRC1
70	B2M	B2M_KLRC KLRD1
71	B2M	B2M_LILRE LILRB1
72	B2M	B2M_LILRE LILRB2
73	B2M	B2M_TFRC TFRC
74	BCAN	BCAN_EGF EGFR
75	BDNF	BDNF_DDf DDR1
76	BDNF	BDNF_NGf NGFRAP1
77	BGN	BGN_LY96 LY96
78	BGN	BGN_TLR2 TLR2
79	BGN	BGN_TLR4 TLR4
80	BST1	BST1_CAV CAV1
81	BTC	BTC_EGFR EGFR
82	BTC	BTC_ERBBf ERBB3
83	BTLA	BTLA_CD2 CD247
84	BTLA	BTLA_CD7 CD79A
85	BTLA	BTLA_TNFf TNFRSF14
86	BTLA	BTLA_VTCf VTCN1
87	C1orf200	C1orf200_! SLC16A4
88	C1QA	C1QA_CDf CD93
89	C1QA	C1QA_CRf CR1
90	C1QA	C1QA_CSF CSPG4
91	C1QB	C1QB_LRP LRP1
92	C3	C3_C3AR1 C3AR1
93	C3	C3_C5AR2 C5AR2
94	C3	C3_CD19 CD19
95	C3	C3_CD46 CD46
96	C3	C3_CD81 CD81
97	C3	C3_CR1 CR1
98	C3	C3_IFITM1 IFITM1
99	C3	C3_ITGAM ITGAM
100	C3	C3_ITGAX ITGAX
101	C3	C3_ITGB2 ITGB2
102	C3	C3_LRP1 LRP1
103	C4A	C4A_C3AR C3AR1
104	C4BPA	C4BPA_CD CD40
105	C4BPA	C4BPA_LRf LRP1
106	C5	C5_C5AR1 C5AR1
107	C6orf15	C6orf15_D DDR1
108	CALM1	CALM1_Af ABCA1
109	CALM1	CALM1_Af ADCY8
110	CALM1	CALM1_Af ADCYAP1R1
111	CALM1	CALM1_A(AQP6
112	CALM1	CALM1_C/ CACNA1C
113	CALM1	CALM1_C/ CALCR
114	CALM1	CALM1_Cf CNGA2
115	CALM1	CALM1_Cf CRHR1

116	CALM1	CALM1_EC EGFR
117	CALM1	CALM1_FA FAS
118	CALM1	CALM1_GL GLP1R
119	CALM1	CALM1_GL GLP2R
120	CALM1	CALM1_GF GP6
121	CALM1	CALM1_GF GRM3
122	CALM1	CALM1_GF GRM4
123	CALM1	CALM1_GF GRM5
124	CALM1	CALM1_GF GRM7
125	CALM1	CALM1_HI HMMR
126	CALM1	CALM1_H_ HTR2C
127	CALM1	CALM1_IN INSR
128	CALM1	CALM1_KC KCNN4
129	CALM1	CALM1_KC KCNQ1
130	CALM1	CALM1_KC KCNQ3
131	CALM1	CALM1_KC KCNQ5
132	CALM1	CALM1_M MIP
133	CALM1	CALM1_M MYLK
134	CALM1	CALM1_M MYLK2
135	CALM1	CALM1_OI OPRM1
136	CALM1	CALM1_PL PDE1A
137	CALM1	CALM1_PL PDE1B
138	CALM1	CALM1_PL PDE1C
139	CALM1	CALM1_PP PPAPDC2
140	CALM1	CALM1_PT PTH2R
141	CALM1	CALM1_PT PTPRA
142	CALM1	CALM1_SC SCN10A
143	CALM1	CALM1_SC SCN4A
144	CALM1	CALM1_SC SCTR
145	CALM1	CALM1_SE SELL
146	CALM1	CALM1_TF TRPC3
147	CALM1	CALM1_TF TRPC5
148	CALM1	CALM1_VI VIPR1
149	CALM2	CALM2_Af ABCA1
150	CALM2	CALM2_Ai ADCY8
151	CALM2	CALM2_Ac AQP6
152	CALM2	CALM2_C/ CACNA1C
153	CALM2	CALM2_EC EGFR
154	CALM2	CALM2_GF GP6
155	CALM2	CALM2_GF GRM5
156	CALM2	CALM2_GF GRM7
157	CALM2	CALM2_IN INSR
158	CALM2	CALM2_KC KCNQ1
159	CALM2	CALM2_KC KCNQ3
160	CALM2	CALM2_KC KCNQ5
161	CALM2	CALM2_M MYLK
162	CALM2	CALM2_M MYLK2
163	CALM2	CALM2_PL PDE1A
164	CALM2	CALM2_PL PDE1B
165	CALM2	CALM2_PL PDE1C
166	CALM2	CALM2_PP PPAPDC2
167	CALM2	CALM2_SC SCN10A
168	CALM2	CALM2_SC SCN4A
169	CALM2	CALM2_SE SELL
170	CALM2	CALM2_TF TRPC5
171	CALM3	CALM3_Af ABCA1
172	CALM3	CALM3_Ai ADCY8
173	CALM3	CALM3_Ac AQP6

174	CALM3	CALM3_EC EGFR
175	CALM3	CALM3_GF GP6
176	CALM3	CALM3_GF GRM5
177	CALM3	CALM3_GF GRM7
178	CALM3	CALM3_IN INSR
179	CALM3	CALM3_KC KCNQ1
180	CALM3	CALM3_KC KCNQ3
181	CALM3	CALM3_KC KCNQ5
182	CALM3	CALM3_M MYLK
183	CALM3	CALM3_M MYLK2
184	CALM3	CALM3_PL PDE1A
185	CALM3	CALM3_PL PDE1B
186	CALM3	CALM3_PL PDE1C
187	CALM3	CALM3_PF PPAPDC2
188	CALM3	CALM3_SC SCN10A
189	CALM3	CALM3_SC SCN4A
190	CALM3	CALM3_SE SELL
191	CALM3	CALM3_TF TRPC5
192	CALR	CALR_HLA HLA-F
193	CALR	CALR_ITG/ITGA2B
194	CALR	CALR_ITG/ITGA3
195	CALR	CALR_ITG/ITGAV
196	CALR	CALR_LRP LRP1
197	CALR	CALR_MTN MTNR1A
198	CALR	CALR_SCA SCARF1
199	CALR	CALR_TSH TSHR
200	CAMP	CAMP_EG EGFR
201	CAMP	CAMP_FPF FPR2
202	CCL11	CCL11_CX CXCR3
203	CCL13	CCL13_CX CXCR3
204	CCL19	CCL19_CC CCR7
205	CCL19	CCL19_CX CXCR3
206	CCL20	CCL20_CC CCR6
207	CCL20	CCL20_CX CXCR3
208	CCL21	CCL21_CC CCR7
209	CCL21	CCL21_CX CXCR3
210	CCL28	CCL28_AC ACKR2
211	CCL28	CCL28_CC CCR10
212	CCL28	CCL28_CC CCR3
213	CCL3	CCL3_ACK ACKR2
214	CCL3	CCL3_CCR CCR1
215	CCL3	CCL3_CCR CCR3
216	CCL3	CCL3_CCR CCR4
217	CCL3	CCL3_CCR CCR5
218	CCL3L3	CCL3L3_A ACKR2
219	CCL3L3	CCL3L3_C CCR5
220	CCL4	CCL4_ACK ACKR2
221	CCL4	CCL4_CCR CCR1
222	CCL4	CCL4_CCR CCR3
223	CCL4	CCL4_CCR CCR5
224	CCL4	CCL4_CCR CCR8
225	CCL5	CCL5_ACK ACKR2
226	CCL5	CCL5_ACK ACKR4
227	CCL5	CCL5_CCR CCR1
228	CCL5	CCL5_CCR CCR3
229	CCL5	CCL5_CCR CCR4
230	CCL5	CCL5_CCR CCR5
231	CCL5	CCL5_CXC CXCR3

232	CCL5	CCL5_DAR DARC
233	CCL5	CCL5_GPR GPR75
234	CCL5	CCL5_SDC SDC1
235	CCL5	CCL5_SDC SDC4
236	CCL7	CCL7_CXC CXCR3
237	CD14	CD14_ITG ITGA4
238	CD14	CD14_ITG ITGB1
239	CD24	CD24_SEL SELP
240	CD34	CD34_SEL SELL
241	CD40LG	CD40LG_C CD40
242	CD40LG	CD40LG_IT ITGAM
243	CD40LG	CD40LG_IT ITGB2
244	CD40LG	CD40LG_T TRAF3
245	CD55	CD55_CD CD97
246	CD55	CD55_CR1 CR1
247	CD55	CD55_EMF EMR2
248	CD70	CD70_CD2 CD27
249	CDH1	CDH1_CD CDH2
250	CDH1	CDH1_EGF EGFR
251	CDH1	CDH1_ERB ERBB3
252	CDH1	CDH1_KLR KLRG1
253	CDH1	CDH1_PTP PTPRF
254	CDH1	CDH1_PTP PTPRM
255	CEL	CEL_CXC CXCR4
256	CFH	CFH_ITG ITGAM
257	CFH	CFH_SEL SELL
258	CGN	CGN_TGF TGFB1
259	CHAD	CHAD_ITG ITGB1
260	CLEC11A	CLEC11A_KIT
261	CLEC3A	CLEC3A_C CLEC10A
262	CLEC3A	CLEC3A_C CLEC2B
263	COL11A1	COL11A1_DDR1
264	COL11A1	COL11A1_ITGB1
265	COL14A1	COL14A1_CD44
266	COL18A1	COL18A1_ITGB1
267	COL1A1	COL1A1_C CD36
268	COL1A1	COL1A1_C CD44
269	COL1A1	COL1A1_C DDR1
270	COL1A1	COL1A1_ITGB1
271	COL1A2	COL1A2_C CD36
272	COL1A2	COL1A2_C CD44
273	COL1A2	COL1A2_ITGB1
274	COL2A1	COL2A1_C DDR1
275	COL2A1	COL2A1_ITGB1
276	COL3A1	COL3A1_C DDR1
277	COL3A1	COL3A1_ITGB1
278	COL4A1	COL4A1_C CD47
279	COL4A1	COL4A1_ITGB1
280	COL4A1	COL4A1_ITGB8
281	COL4A3	COL4A3_C CD47
282	COL4A3	COL4A3_ITGB1
283	COL4A4	COL4A4_C CD47
284	COL4A4	COL4A4_C CD93
285	COL4A4	COL4A4_ITGA1
286	COL4A4	COL4A4_ITGA2
287	COL4A4	COL4A4_ITGAV
288	COL4A4	COL4A4_ITGB1
289	COL4A5	COL4A5_C CD47

290	COL4A5	COL4A5_1 ITGB1
291	COL4A6	COL4A6_C CD47
292	COL4A6	COL4A6_1 ITGB1
293	COL5A1	COL5A1_1 ITGB1
294	COL5A2	COL5A2_C DDR1
295	COL5A2	COL5A2_1 ITGB1
296	COL6A1	COL6A1_1 ITGB1
297	COL6A2	COL6A2_1 ITGB1
298	COL6A3	COL6A3_1 ITGB1
299	COL7A1	COL7A1_1 ITGB1
300	COL9A3	COL9A3_N MAG
301	CP	CP_SLC40A1 SLC40A1
302	CRP	CRP_OLR1 OLR1
303	CSF1	CSF1_CS1 CSF1R
304	CSF2	CSF2_CS1 CSF1R
305	CSF2	CSF2_CS2 CSF2RA
306	CSF2	CSF2_CS3 CSF3R
307	CSF2	CSF2_ITGB1 ITGB1
308	CSF3	CSF3_CS1 CSF1R
309	CSF3	CSF3_CS3 CSF3R
310	CTGF	CTGF_ITG1 ITGAM
311	CTGF	CTGF_ITG2 ITGB2
312	CTGF	CTGF_LRP1 LRP1
313	CTHRC1	CTHRC1_F FZD3
314	CTHRC1	CTHRC1_F FZD5
315	CTHRC1	CTHRC1_F FZD6
316	CUBN	CUBN_LRP2 LRP2
317	CXCL10	CXCL10_C CXCR3
318	CXCL10	CXCL10_S1 SDC4
319	CXCL11	CXCL11_C CXCR3
320	CXCL12	CXCL12_C CD4
321	CXCL12	CXCL12_C CXCR3
322	CXCL12	CXCL12_C CXCR4
323	CXCL12	CXCL12_IT ITGB1
324	CXCL12	CXCL12_S1 SDC4
325	CXCL13	CXCL13_C CXCR3
326	CXCL13	CXCL13_C CXCR5
327	CXCL16	CXCL16_C CXCR6
328	CXCL9	CXCL9_CX CXCR3
329	CYR61	CYR61_CA CAV1
330	CYR61	CYR61_ITC ITGAM
331	CYR61	CYR61_ITC ITGB2
332	DCN	DCN_EGFR EGFR
333	DCN	DCN_MET MET
334	DEFB1	DEFB1_CC CCR6
335	DEFB103A	DEFB103A CCR6
336	DEFB103B	DEFB103B CCR6
337	DEFB4A	DEFB4A_C CCR6
338	DEFB4A	DEFB4A_T1 TLR4
339	DEFB4B	DEFB4B_C CCR6
340	DHH	DHH_PTC1 PTC2
341	DUSP18	DUSP18_C CD151
342	DUSP18	DUSP18_IT ITGA3
343	DUSP18	DUSP18_IT ITGB1
344	DUSP18	DUSP18_R RPSA
345	EFEMP1	EFEMP1_E EGFR
346	EFNA1	EFNA1_EP1 EPHA1
347	EFNA1	EFNA1_EP2 EPHA2

348	EFNA1	EFNA1_EP	EPHA3
349	EFNA1	EFNA1_EP	EPHA4
350	EFNA1	EFNA1_EP	EPHA5
351	EFNA1	EFNA1_EP	EPHA6
352	EFNA1	EFNA1_EP	EPHA7
353	EFNA1	EFNA1_EP	EPHA8
354	EFNA1	EFNA1_EP	EPHB1
355	EFNA1	EFNA1_EP	EPHB6
356	EGF	EGF_CAV1	CAV1
357	EGF	EGF_EGFR	EGFR
358	EGF	EGF_ERBB3	ERBB3
359	EPGN	EPGN_EGFR	EGFR
360	EREG	EREG_EGFR	EGFR
361	EREG	EREG_ERBB2	ERBB2
362	EREG	EREG_ERBB3	ERBB3
363	EREG	EREG_ERBB4	ERBB4
364	F10	F10_ITGA	ITGAM
365	F10	F10_ITGB2	ITGB2
366	F13A1	F13A1_ITGA	ITGA4
367	F13A1	F13A1_ITGB1	ITGB1
368	F2	F2_THBD	THBD
369	F8	F8_LRP1	LRP1
370	F9	F9_LRP1	LRP1
371	FASLG	FASLG_FAS	FAS
372	FASLG	FASLG_TNFRSF1A	TNFRSF1A
373	FASLG	FASLG_TNFRSF6B	TNFRSF6B
374	FBLN1	FBLN1_ITGB1	ITGB1
375	FBN1	FBN1_ITGB1	ITGB1
376	FCN2	FCN2_LRP1	LRP1
377	FGA	FGA_ITGA	ITGAM
378	FGA	FGA_ITGAX	ITGAX
379	FGA	FGA_ITGB1	ITGB1
380	FGA	FGA_ITGB2	ITGB2
381	FGA	FGA_PLAUR	PLAUR
382	FGB	FGB_ITGA	ITGAM
383	FGB	FGB_ITGB1	ITGB1
384	FGB	FGB_ITGB2	ITGB2
385	FGF1	FGF1_CD4	CD44
386	FGF1	FGF1_EGFR	EGFR
387	FGF13	FGF13_EGFR	EGFR
388	FGF2	FGF2_CD4	CD44
389	FGF2	FGF2_SDC1	SDC1
390	FGF2	FGF2_SDC4	SDC4
391	FGF6	FGF6_SDC4	SDC4
392	FGG	FGG_ITGB1	ITGB1
393	FGG	FGG_ITGB2	ITGB2
394	FGL1	FGL1_EGFR	EGFR
395	FIGF	FIGF_ITGA	ITGA4
396	FIGF	FIGF_ITGB1	ITGB1
397	FN1	FN1_C5AR1	C5AR1
398	FN1	FN1_CD44	CD44
399	FN1	FN1_CD79A	CD79A
400	FN1	FN1_COL13A1	COL13A1
401	FN1	FN1_FLT4	FLT4
402	FN1	FN1_IL17RC	IL17RC
403	FN1	FN1_ITGA2	ITGA2
404	FN1	FN1_ITGA2B	ITGA2B
405	FN1	FN1_ITGA3	ITGA3

406 FN1	FN1_ITGA4 ITGA4
407 FN1	FN1_ITGA5 ITGA5
408 FN1	FN1_ITGA6 ITGA6
409 FN1	FN1_ITGA8 ITGA8
410 FN1	FN1_ITGA9 ITGA9
411 FN1	FN1_ITGA\ ITGAV
412 FN1	FN1_ITGB1 ITGB1
413 FN1	FN1_ITGB3 ITGB3
414 FN1	FN1_ITGB6 ITGB6
415 FN1	FN1_ITGB7 ITGB7
416 FN1	FN1_ITGB8 ITGB8
417 FN1	FN1_MAG MAG
418 FN1	FN1_NT5E NT5E
419 FN1	FN1_PLAU PLAUR
420 FN1	FN1_ROBC ROBO4
421 FN1	FN1_SDC2 SDC2
422 FN1	FN1_TMPF TMPRSS6
423 FN1	FN1_TNFR TNFRSF11B
424 FN1	FN1_TSHR TSHR
425 GAS6	GAS6_AXL AXL
426 GAS6	GAS6_MEF MERTK
427 GDF9	GDF9_OR\ ORAI2
428 GDF9	GDF9_TGF TGFB1
429 GIP	GIP_INSR INSR
430 GNAI2	GNAI2_AD ADCY1
431 GNAI2	GNAI2_AD ADCY7
432 GNAI2	GNAI2_AD ADCY8
433 GNAI2	GNAI2_AD ADCY9
434 GNAI2	GNAI2_AD ADORA1
435 GNAI2	GNAI2_AD ADRA2A
436 GNAI2	GNAI2_AD ADRA2B
437 GNAI2	GNAI2_AG AGTR2
438 GNAI2	GNAI2_C5\ C5AR1
439 GNAI2	GNAI2_CA CAV1
440 GNAI2	GNAI2_CC CCR5
441 GNAI2	GNAI2_CH CHRM1
442 GNAI2	GNAI2_CN CNR1
443 GNAI2	GNAI2_CX CXCR1
444 GNAI2	GNAI2_CX CXCR2
445 GNAI2	GNAI2_CX CXCR3
446 GNAI2	GNAI2_DR DRD2
447 GNAI2	GNAI2_ED EDNRA
448 GNAI2	GNAI2_ED EDNRB
449 GNAI2	GNAI2_EG EGFR
450 GNAI2	GNAI2_F2\ F2R
451 GNAI2	GNAI2_FPI FPR1
452 GNAI2	GNAI2_IGF IG1R
453 GNAI2	GNAI2_LH LHCGR
454 GNAI2	GNAI2_LP\ LPAR3
455 GNAI2	GNAI2_MT MTNR1A
456 GNAI2	GNAI2_MT MTNR1B
457 GNAI2	GNAI2_O\ OPRD1
458 GNAI2	GNAI2_O\ OPRM1
459 GNAI2	GNAI2_P2\ P2RY12
460 GNAI2	GNAI2_PT\ PTPRU
461 GNAI2	GNAI2_S1\ S1PR1
462 GNAI2	GNAI2_S1\ S1PR3
463 GNAI2	GNAI2_S1\ S1PR4

464	GNAI2	GNAI2_S1I S1PR5
465	GNAI2	GNAI2_TB TBXA2R
466	GNAI2	GNAI2_TSI TSHR
467	GNAI2	GNAI2_UN UNC5B
468	GNAS	GNAS_AD ADCY1
469	GNAS	GNAS_AD ADCY7
470	GNAS	GNAS_AD ADCY8
471	GNAS	GNAS_AD ADCY9
472	GNAS	GNAS_AD ADORA1
473	GNAS	GNAS_AD IADRB3
474	GNAS	GNAS_AV AVPR2
475	GNAS	GNAS_CR CRHR1
476	GNAS	GNAS_GC GCGR
477	GNAS	GNAS_GLF GLP1R
478	GNAS	GNAS_HTF HTR6
479	GNAS	GNAS_LHC LHCGR
480	GNAS	GNAS_PTC PTGDR
481	GNAS	GNAS_PTC PTGIR
482	GNAS	GNAS_TSI TSHR
483	GNAS	GNAS_VIP VIPR1
484	GNB3	GNB3_TGF TGFBR1
485	GPC3	GPC3_CDE CD81
486	GSTP1	GSTP1_TR TRAF2
487	GZMB	GZMB_CH CHRM3
488	GZMB	GZMB_IGF IGF2R
489	GZMB	GZMB_PG PGRMC1
490	HAS2	HAS2_CD4 CD44
491	HAS2	HAS2_HM HMMR
492	HBEGF	HBEGF_CD CD44
493	HBEGF	HBEGF_CD CD82
494	HBEGF	HBEGF_CD CD9
495	HBEGF	HBEGF_EG EGFR
496	HBEGF	HBEGF_ER ERBB2
497	HBEGF	HBEGF_ER ERBB4
498	HBEGF	HBEGF_PR PRLR
499	HDC	HDC_HRH HRH1
500	HDC	HDC_HRH HRH2
501	HDC	HDC_HRH HRH3
502	HDC	HDC_HRH HRH4
503	HEBP1	HEBP1_FPI FPR3
504	HGF	HGF_CD44 CD44
505	HGF	HGF_MET MET
506	HGF	HGF_SDC1 SDC1
507	HGF	HGF_ST14 ST14
508	HLA-A	HLA-A_AP APLP2
509	HLA-A	HLA-A_CD CD3D
510	HLA-A	HLA-A_CD CD3G
511	HLA-A	HLA-A_ER ERBB2
512	HLA-A	HLA-A_KIF KIR2DL1
513	HLA-A	HLA-A_KIF KIR2DL3
514	HLA-A	HLA-A_KIF KIR3DL1
515	HLA-A	HLA-A_KIF KIR3DL2
516	HLA-A	HLA-A_LIL LILRB1
517	HLA-A	HLA-A_LIL LILRB2
518	HLA-B	HLA-B_CA CANX
519	HLA-B	HLA-B_CD CD3D
520	HLA-B	HLA-B_CD CD3G
521	HLA-B	HLA-B_KIF KIR2DL3

522	HLA-B	HLA-B_KIF KIR3DL1
523	HLA-B	HLA-B_KLI KLRD1
524	HLA-B	HLA-B_LIL LILRB1
525	HLA-B	HLA-B_LIL LILRB2
526	HLA-C	HLA-C_CE CD3D
527	HLA-C	HLA-C_CE CD3G
528	HLA-C	HLA-C_DE DDR1
529	HLA-C	HLA-C_KIF KIR2DL1
530	HLA-C	HLA-C_KIF KIR2DL3
531	HLA-C	HLA-C_KIF KIR2DS4
532	HLA-C	HLA-C_KIF KIR3DL1
533	HLA-C	HLA-C_LIL LILRA3
534	HLA-C	HLA-C_LIL LILRB1
535	HLA-C	HLA-C_LIL LILRB2
536	HLA-C	HLA-C_NC NOTCH4
537	HLA-C	HLA-C_SL SLC9C2
538	HLA-E	HLA-E_KIF KIR3DL1
539	HLA-E	HLA-E_KLI KLRC1
540	HLA-E	HLA-E_KLI KLRC2
541	HLA-E	HLA-E_KLI KLRD1
542	HLA-E	HLA-E_SL SLC16A4
543	HLA-G	HLA-G_CE CD4
544	HLA-G	HLA-G_KL KLRD1
545	HLA-G	HLA-G_LIL LILRB1
546	HLA-G	HLA-G_LIL LILRB2
547	HMGB1	HMGB1_SI SDC1
548	HMGB1	HMGB1_TI THBD
549	HP	HP_ASGR1 ASGR1
550	HP	HP_ASGR2 ASGR2
551	HP	HP_ITGAM ITGAM
552	HP	HP_ITGB2 ITGB2
553	HRAS	HRAS_CAV CAV1
554	HRAS	HRAS_INSI INSR
555	HRAS	HRAS_TLR TLR2
556	HRG	HRG_FCGF FCGR1A
557	HSP90AA1	HSP90AA1 CFTR
558	HSP90AA1	HSP90AA1 EGFR
559	HSP90AA1	HSP90AA1 FGFR3
560	HSP90B1	HSP90B1_ASGR1
561	HSP90B1	HSP90B1_ERBB2
562	HSP90B1	HSP90B1_LRP1
563	HSP90B1	HSP90B1_TLR1
564	HSP90B1	HSP90B1_TLR2
565	HSP90B1	HSP90B1_TLR4
566	HSP90B1	HSP90B1_TLR7
567	HSP90B1	HSP90B1_TLR9
568	HSPA1A	HSPA1A_G GRIN2D
569	HSPA1A	HSPA1A_T TLR4
570	HSPG2	HSPG2_ITC ITGB1
571	HSPG2	HSPG2_SD SDC1
572	ICAM1	ICAM1_CAV CAV1
573	ICAM1	ICAM1_EG EGFR
574	ICAM1	ICAM1_IL2 IL2RA
575	ICAM1	ICAM1_IL2 IL2RG
576	ICAM1	ICAM1_ITC ITGAL
577	ICAM1	ICAM1_ITC ITGAM
578	ICAM1	ICAM1_ITC ITGAX
579	ICAM1	ICAM1_ITC ITGB2

580	ICAM2	ICAM2_ITC ITGAL
581	ICAM2	ICAM2_ITC ITGAM
582	ICAM2	ICAM2_ITC ITGB2
583	ICAM3	ICAM3_CL CLEC4M
584	ICAM3	ICAM3_ITC ITGAD
585	ICAM3	ICAM3_ITC ITGAL
586	ICAM3	ICAM3_ITC ITGB2
587	ICAM4	ICAM4_ITC ITGA4
588	ICAM4	ICAM4_ITC ITGAL
589	ICAM4	ICAM4_ITC ITGAM
590	ICAM4	ICAM4_ITC ITGB1
591	ICAM4	ICAM4_ITC ITGB2
592	ICAM5	ICAM5_ITC ITGAL
593	ICAM5	ICAM5_ITC ITGB2
594	IFNG	IFNG_IFNG IFNGR1
595	IFNG	IFNG_IFNG IFNGR2
596	IGF1	IGF1_INSR INSR
597	IGF2	IGF2_INSR INSR
598	IGFBP4	IGFBP4_FZ FZD8
599	IGFBP4	IGFBP4_LR LRP6
600	IHH	IHH_PTCH PTCH2
601	IL10	IL10_IL10R IL10RA
602	IL10	IL10_SIRPC SIRPG
603	IL12A	IL12A_CD2 CD28
604	IL12A	IL12A_IL12 IL12RB1
605	IL12A	IL12A_IL12 IL12RB2
606	IL13	IL13_IL13R IL13RA1
607	IL13	IL13_IL2RG IL2RG
608	IL15	IL15_IL2RA IL2RA
609	IL15	IL15_IL2RB IL2RB
610	IL15	IL15_IL2RG IL2RG
611	IL16	IL16_CCR5 CCR5
612	IL16	IL16_CD4 CD4
613	IL16	IL16_GRIN GRIN2C
614	IL16	IL16_GRIN GRIN2D
615	IL16	IL16_KCNA KCNA3
616	IL16	IL16_KCNC KCND1
617	IL16	IL16_KCNC KCND2
618	IL16	IL16_KCNJ KCNJ10
619	IL16	IL16_KCNJ KCNJ15
620	IL16	IL16_KCNJ KCNJ4
621	IL18	IL18_CD48 CD48
622	IL18	IL18_IL18R IL18R1
623	IL18	IL18_IL18R IL18RAP
624	IL18	IL18_IL1RA IL1RAPL1
625	IL18	IL18_IL1RL IL1RL2
626	IL1A	IL1A_IL1R2 IL1R2
627	IL1B	IL1B_ADRE ADRB2
628	IL1B	IL1B_IL1R1 IL1R1
629	IL1B	IL1B_IL1R2 IL1R2
630	IL1B	IL1B_IL1RA IL1RAP
631	IL1RN	IL1RN_IL1F IL1R2
632	IL2	IL2_CD53 CD53
633	IL2	IL2_IL2RA IL2RA
634	IL2	IL2_IL2RB IL2RB
635	IL2	IL2_IL2RG IL2RG
636	IL21	IL21_IL2RG IL2RG
637	IL22	IL22_IL10R IL10RA

638	IL34	IL34_CSFI	CSF1R
639	IL4	IL4_CD53	CD53
640	IL4	IL4_IL13RA	IL13RA1
641	IL4	IL4_IL2RG	IL2RG
642	IL5	IL5_IL5RA	IL5RA
643	IL6	IL6_F3	F3
644	IL6	IL6_IL6R	IL6R
645	IL6	IL6_IL6ST	IL6ST
646	IL7	IL7_IL2RG	IL2RG
647	IL7	IL7_IL7R	IL7R
648	IL8	IL8_CD79A	CD79A
649	IL8	IL8_SDC1	SDC1
650	IL9	IL9_IL2RG	IL2RG
651	INS	INS_INSR	INSR
652	ITIH2	ITIH2_FCEI	FCER1A
653	KISS1	KISS1_KISS	KISS1R
654	KITLG	KITLG_KIT	KIT
655	KNG1	KNG1_ITG	ITGAM
656	KNG1	KNG1_ITG	ITGB2
657	KNG1	KNG1_PLA	PLAUR
658	L1CAM	L1CAM_EC	EGFR
659	L1CAM	L1CAM_ER	ERBB3
660	LACRT	LACRT_SD	SDC1
661	LAMA1	LAMA1_IT	ITGA3
662	LAMA1	LAMA1_IT	ITGB1
663	LAMA1	LAMA1_IT	ITGB8
664	LAMA1	LAMA1_N	NT5E
665	LAMA1	LAMA1_RF	RPSA
666	LAMA1	LAMA1_SE	SDC4
667	LAMA2	LAMA2_IT	ITGA3
668	LAMA2	LAMA2_IT	ITGB1
669	LAMA2	LAMA2_RF	RPSA
670	LAMA4	LAMA4_IT	ITGA3
671	LAMA4	LAMA4_IT	ITGB1
672	LAMA5	LAMA5_IT	ITGA3
673	LAMA5	LAMA5_IT	ITGB1
674	LAMA5	LAMA5_SE	SDC1
675	LAMB1	LAMB1_IT	ITGA3
676	LAMB1	LAMB1_IT	ITGB1
677	LAMB2	LAMB2_RF	RPSA
678	LAMB3	LAMB3_CI	CD151
679	LAMB3	LAMB3_IT	ITGA3
680	LAMB3	LAMB3_IT	ITGB1
681	LAMC1	LAMC1_IT	ITGA3
682	LAMC1	LAMC1_IT	ITGB1
683	LAMC2	LAMC2_CI	CD151
684	LAMC2	LAMC2_IT	ITGA3
685	LAMC2	LAMC2_IT	ITGB1
686	LAMC3	LAMC3_IT	ITGA3
687	LAMC3	LAMC3_IT	ITGB1
688	LGALS3BP	LGALS3BP	ITGB1
689	LGALS3BP	LGALS3BP	VANG1
690	LIPC	LIPC_LRP1	LRP1
691	LPA	LPA_ITG	ITGAM
692	LPA	LPA_ITGB2	ITGB2
693	LPL	LPL_CD44	CD44
694	LPL	LPL_GPIH	GPIHBP1
695	LPL	LPL_LRP1	LRP1

696 LPL	LPL_LRP2 LRP2
697 LPL	LPL_SDC1 SDC1
698 LPL	LPL_VLDLF VLDLR
699 LRP1B	LRP1B_PL/PLAUR
700 LRPAP1	LRPAP1_LF LRP1
701 LRPAP1	LRPAP1_S(SORL1
702 LTA	LTA_LTBR LTBR
703 LTA	LTA_TNFR:TNFRSF1B
704 LTB	LTB_CD40 CD40
705 LTB	LTB_LTBR LTBR
706 LTB	LTB_TNFR:TNFRSF1A
707 LTF	LTF_LRP1 LRP1
708 LY86	LY86_CD18 CD180
709 LYZ	LYZ_ITGAL ITGAL
710 MADCAM	MADCAM:CD44
711 MADCAM	MADCAM:ITGA4
712 MATN1	MATN1_IT ITGB1
713 MDK	MDK_ITGA ITGA4
714 MDK	MDK_ITGB ITGB1
715 MDK	MDK_LRP1 LRP1
716 MDK	MDK_SDC SDC1
717 MDK	MDK_SDC SDC4
718 MDK	MDK_TSP/TSPAN1
719 MMP1	MMP1_CD CD44
720 MMP12	MMP12_P/PLAUR
721 MMP13	MMP13_LF LRP1
722 MMP2	MMP2_SD SDC2
723 MMP7	MMP7_CD CD151
724 MMP7	MMP7_CD CD44
725 MMP7	MMP7_CD CDH6
726 MMP7	MMP7_ER/ERBB4
727 MMP9	MMP9_CD CD44
728 MMP9	MMP9_ITC ITGAM
729 MMP9	MMP9_ITC ITGB2
730 MMP9	MMP9_LRI LRP1
731 MST1	MST1_MS MST1R
732 MUC7	MUC7_SEL SELL
733 NAMPT	NAMPT_IN INSR
734 NCAM1	NCAM1_P PTPRA
735 NCAN	NCAN_CD CDH2
736 NGF	NGF_NGFR NGFRAP1
737 NID1	NID1_ITGA ITGA3
738 NID1	NID1_ITGE ITGB1
739 NID1	NID1_PTP PTPRF
740 NPNT	NPNT_ITG ITGB1
741 NRG1	NRG1_ERB/ERBB3
742 NRG2	NRG2_ERB/ERBB3
743 NRG4	NRG4_EGF EGFR
744 NTF4	NTF4_NGFR NGFRAP1
745 NUCB2	NUCB2_ER ERAP1
746 OMG	OMG_TNF TNFRSF1B
747 P4HB	P4HB_GPR GPR162
748 PDGFB	PDGFB_LR LRP1
749 PF4	PF4_CXCR CXCR3
750 PF4	PF4_THBD THBD
751 PIP	PIP_CD4 CD4
752 PKM	PKM_CD4 CD44
753 PLAT	PLAT_ITGA ITGAM

754	PLAT	PLAT_ITGEITGB2
755	PLAT	PLAT_LRP1LRP1
756	PLAU	PLAU_ITG/ITGA3
757	PLAU	PLAU_ITG/ITGAM
758	PLAU	PLAU_ITGEITGB1
759	PLAU	PLAU_ITGEITGB2
760	PLAU	PLAU_LRP:LRP1
761	PLAU	PLAU_PLA PLAUR
762	PLAU	PLAU_ST1:ST14
763	PLG	PLG_ITGAMITGAM
764	PLG	PLG_ITGB1ITGB1
765	PLG	PLG_ITGB2ITGB2
766	PLG	PLG_PLAU PLAUR
767	PLG	PLG_PLGR PLGRKT
768	PLTP	PLTP_ABC,ABCA1
769	PNOC	PNOC_OP OPRL1
770	PODXL	PODXL_SE SELL
771	PODXL2	PODXL2_S SELL
772	PRND	PRND_RPSRPSA
773	PROC	PROC_ITG.ITGAM
774	PROC	PROC_ITG ITGB2
775	PROC	PROC_THE THBD
776	PROS1	PROS1_AX AXL
777	PROS1	PROS1_TY TYRO3
778	PSAP	PSAP_CD1CD1B
779	PSAP	PSAP_CEL:CELSR1
780	PSAP	PSAP_GPR GPR37
781	PSAP	PSAP_GPR GPR37L1
782	PSAP	PSAP_LRP:LRP1
783	PSAP	PSAP_SORSORT1
784	PSEN1	PSEN1_CD CD44
785	PTGS2	PTGS2_AL:ALOX5
786	PTGS2	PTGS2_CA CAV1
787	PTMA	PTMA_VIP VIPR1
788	PTN	PTN_PLXNPLXNB2
789	PTN	PTN_SDC1SDC1
790	RARRES2	RARRES2:CCRL2
791	RARRES2	RARRES2:CMKLR1
792	RARRES2	RARRES2:GPR1
793	RELN	RELN_ITG/ITGA3
794	RELN	RELN_ITGEITGB1
795	REN	REN_ATP6 ATP6AP2
796	RIMS1	RIMS1_SLC SLC18A2
797	RNASE2	RNASE2_T TLR2
798	RPS19	RPS19_C5: C5AR1
799	RSPO3	RSPO3_SD SDC4
800	RTN4	RTN4_CNTCNTNAP1
801	RTN4	RTN4_GJB:GJB2
802	RTN4	RTN4_LIN(LINGO1
803	RTN4	RTN4_NGF NGFR
804	RTN4	RTN4_RTN RTN4R
805	RTN4	RTN4_RTN RTN4RL1
806	RTN4	RTN4_TNF TNFRSF19
807	S100A8	S100A8_TI TLR4
808	S100A9	S100A9_TI TLR4
809	SAA1	SAA1_FPR: FPR1
810	SAA1	SAA1_FPR: FPR2
811	SAA1	SAA1_SCA SCARB1

812	SELPLG	SELPLG_ES	ESAM
813	SELPLG	SELPLG_IT	ITGAM
814	SELPLG	SELPLG_IT	ITGB2
815	SELPLG	SELPLG_SE	SELE
816	SELPLG	SELPLG_SE	SELL
817	SELPLG	SELPLG_SE	SELP
818	SEMA4A	SEMA4A_F	PLXND1
819	SEMA4B	SEMA4B_C	DCBLD2
820	SEMA4C	SEMA4C_F	PLXNB2
821	SEMA4D	SEMA4D_M	MET
822	SEMA4D	SEMA4D_F	PLXNB2
823	SEMA4G	SEMA4G_F	PLXNB2
824	SEMA5A	SEMA5A_M	MET
825	SEMA6D	SEMA6D_T	TREM2
826	SEMA6D	SEMA6D_T	TYROBP
827	SEMA7A	SEMA7A_I	ITGB1
828	SEMA7A	SEMA7A_F	PLXNC1
829	SERPINA1	SERPINA1_L	LRP1
830	SERPINC1	SERPINC1_L	LRP1
831	SERPINE1	SERPINE1_L	LRP1
832	SERPINE1	SERPINE1_P	LAUR
833	SERPINE2	SERPINE2_L	LRP1
834	SERPING1	SERPING1_L	LRP1
835	SERPING1	SERPING1_SE	LE
836	SERPING1	SERPING1_SE	LP
837	SFTPA1	SFTPA1_TL	TLR2
838	SFTPD	SFTPD_LY	LY96
839	SFTPD	SFTPD_TL	TLR4
840	SHBG	SHBG_CL	CLDN4
841	SHH	SHH_PT	PTCH2
842	SLIT1	SLIT1_SDC	SDC1
843	SLIT2	SLIT2_SDC	SDC1
844	SLPI	SLPI_CD4	CD4
845	SORBS1	SORBS1_I	INSR
846	SPINK1	SPINK1_E	EGFR
847	SPINT1	SPINT1_ST	ST14
848	SPON2	SPON2_IT	ITGAM
849	SPON2	SPON2_IT	ITGB2
850	SPP1	SPP1_CD4	CD44
851	SPP1	SPP1_ITGA	ITGA4
852	SPP1	SPP1_ITGA	ITGA5
853	SPP1	SPP1_ITGA	ITGA9
854	SPP1	SPP1_ITGA	ITGAV
855	SPP1	SPP1_ITGB	ITGB1
856	SPP1	SPP1_S1P	S1PR1
857	SYTL3	SYTL3_N	NRXN1
858	TCN2	TCN2_CN	CNR1
859	TCN2	TCN2_LRP	LRP2
860	TFPI	TFPI_F3	F3
861	TFPI	TFPI_LRP1	LRP1
862	TFPI	TFPI_SDC4	SDC4
863	TFPI	TFPI_VLDL	VLDLR
864	TG	TG_ASGR1	ASGR1
865	TGFA	TGFA_EGF	EGFR
866	TGFA	TGFA_ERB	ERBB3
867	TGFB1	TGFB1_CA	CAV1
868	TGFB1	TGFB1_CX	CXCR4
869	TGFB1	TGFB1_IT	ITGB8

870	TGFB1	TGFB1_TG	TGFBR1
871	TGFB2	TGFB2_TG	TGFBR1
872	TGFB3	TGFB3_TG	TGFBR1
873	TGM2	TGM2_GPI	GPR56
874	TGM2	TGM2_ITG	ITGA4
875	TGM2	TGM2_ITG	ITGA9
876	TGM2	TGM2_ITG	ITGB1
877	TGM2	TGM2_ITG	ITGB3
878	TGM2	TGM2_SD	SDC4
879	TGM2	TGM2_TB	TBXA2R
880	THBS1	THBS1_CD	CD36
881	THBS1	THBS1_CD	CD47
882	THBS1	THBS1_ITC	ITGA2B
883	THBS1	THBS1_ITC	ITGA3
884	THBS1	THBS1_ITC	ITGA4
885	THBS1	THBS1_ITC	ITGA6
886	THBS1	THBS1_ITC	ITGB1
887	THBS1	THBS1_ITC	ITGB3
888	THBS1	THBS1_LRI	LRP1
889	THBS1	THBS1_LRI	LRP5
890	THBS1	THBS1_SC	SCARB1
891	THBS1	THBS1_SD	SDC1
892	THBS1	THBS1_SD	SDC4
893	THBS1	THBS1_TN	TNFRSF11B
894	THBS2	THBS2_CD	CD47
895	THBS2	THBS2_ITC	ITGA4
896	THBS2	THBS2_ITC	ITGB1
897	TIMP1	TIMP1_CD	CD63
898	TIMP2	TIMP2_ITC	ITGA3
899	TIMP2	TIMP2_ITC	ITGB1
900	TNC	TNC_EGFR	EGFR
901	TNC	TNC_ITGB	ITGB1
902	TNC	TNC_NT5E	NT5E
903	TNC	TNC_SDC1	SDC1
904	TNC	TNC_SDC4	SDC4
905	TNF	TNF_LTBR	LTBR
906	TNF	TNF_TNFR	TNFRSF1B
907	TNFSF10	TNFSF10_1	TNFRSF10A
908	TNFSF10	TNFSF10_1	TNFRSF10B
909	TNFSF10	TNFSF10_1	TNFRSF10C
910	TNFSF10	TNFSF10_1	TNFRSF10D
911	TNFSF10	TNFSF10_1	TNFRSF11B
912	TNFSF11	TNFSF11_1	TNFRSF11B
913	TNFSF12	TNFSF12_1	TNFRSF12A
914	TNFSF12	TNFSF12_1	TNFRSF25
915	TNFSF13	TNFSF13_1	TNFRSF11B
916	TNFSF13	TNFSF13_1	TNFRSF13B
917	TNFSF13	TNFSF13_1	TNFRSF17
918	TNFSF13B	TNFSF13B_1	TNFRSF13B
919	TNFSF13B	TNFSF13B_1	TNFRSF13C
920	TNFSF13B	TNFSF13B_1	TNFRSF17
921	TNFSF14	TNFSF14_1	LTBR
922	TNFSF18	TNFSF18_1	TNFRSF18
923	TNFSF4	TNFSF4_T1	TNFRSF4
924	TNFSF9	TNFSF9_T1	TNFRSF9
925	TSLP	TSLP_IL7R	IL7R
926	UBA52	UBA52_AC	ACVR1
927	UBA52	UBA52_AC	AGTR1

928	UBA52	UBA52_BN BMPR1B
929	UBA52	UBA52_EG EGFR
930	UBA52	UBA52_ER ERBB2
931	UBA52	UBA52_FSIFSHR
932	UBA52	UBA52_NC NOTCH1
933	UBA52	UBA52_TG TGFB1
934	UBA52	UBA52_TG TGFB2
935	VASP	VASP_CXC CXCR2
936	VCAM1	VCAM1_IT ITGA4
937	VCAM1	VCAM1_IT ITGA9
938	VCAM1	VCAM1_IT ITGAD
939	VCAM1	VCAM1_IT ITGB1
940	VCAM1	VCAM1_IT ITGB2
941	VCAM1	VCAM1_IT ITGB7
942	VCAN	VCAN_CD CD44
943	VCAN	VCAN_EGF EGFR
944	VCAN	VCAN_ITG ITGA4
945	VCAN	VCAN_ITG ITGB1
946	VCAN	VCAN_SEL SELL
947	VCAN	VCAN_SEL SELP
948	VCAN	VCAN_TLR TLR1
949	VCAN	VCAN_TLR TLR2
950	VEGFA	VEGFA_EG EGFR
951	VEGFA	VEGFA_EP EPHB2
952	VEGFA	VEGFA_FL FLT1
953	VEGFA	VEGFA_GP GPC1
954	VEGFA	VEGFA_ITC ITGA9
955	VEGFA	VEGFA_ITC ITGAV
956	VEGFA	VEGFA_ITC ITGB1
957	VEGFA	VEGFA_KD KDR
958	VEGFA	VEGFA_NF NRP1
959	VEGFA	VEGFA_NF NRP2
960	VEGFA	VEGFA_RE RET
961	VEGFA	VEGFA_SIF SIRPA
962	VEGFA	VEGFA_TY TYRO3
963	VEGFC	VEGFC_ITC ITGB1
964	VIM	VIM_CD44 CD44
965	VTN	VTN_CD47 CD47
966	VTN	VTN_ITGA ITGA3
967	VTN	VTN_ITGB ITGB1
968	VTN	VTN_ITGB ITGB8
969	VTN	VTN_PLAU PLAUR
970	VTN	VTN_TNFR TNFRSF11B
971	VWF	VWF_TNFR TNFRSF11B
972	WNT3A	WNT3A_A ATP6AP2
973	WNT3A	WNT3A_LF LRP1
974	XCL1	XCL1_XCR XCR1
975	XCL2	XCL2_XCR XCR1
976	ZG16B	ZG16B_CX CXCR4
977	ZG16B	ZG16B_TL1 TLR2
978	ZG16B	ZG16B_TL1 TLR4
979	ZG16B	ZG16B_TL1 TLR5
980	ZP3	ZP3_EGFR EGFR
981	ZP3	ZP3_MERT MERTK