UniProt Entry	Protein #	Gene name	Protein names	Total Etcodomain (AA)	# of membrane-spanning	Max Etcodomain (AA)	GlycoEP(N,O) Predicted Glycosylation /AA	Net N/O Glyc Predicted Glycosylation /AA	Mean (Glyco EP & Net N/O Glyc)
Q8NE79	0	BVES	Blood vessel epica	47	1	47	0.14893617	0.042553191	0.095744681
P21453	1	S1PR1	Sphingosine 1-ph	79	4	45	0.101265823	0.088607595	0.094936709
Q9Y6R1	2	SLC4A4	Electrogenic sodiu	137	5	82	0.102189781	0.02919708	0.065693431
P35498	3	SCN1A	Sodium channel p	323	16	97	0.034055728	0.027863777	0.030959752
P30872	4	SSTR1	Somatostatin rece	93	4	55	0.150537634	0.139784946	0.14516129
P32745	5	SSTR3	Somatostatin rece	92	4	42	0.119565217	0.130434783	0.125
O95259	6	KCNH1	Potassium voltage	95	4	48	0.031578947	0.021052632	0.026315789
Q7Z6M3	7	MILR1	Allergin-1 (Allergy	207	1	207	0.082125604	0.028985507	0.055555556
Q8NHS3	8	MFSD8	Major facilitator su	110	6	53	0.027272727	0.018181818	0.022727273
Q96RD7	9	PANX1	Pannexin-1	71	2	44	0.014084507	0.014084507	0.014084507
O15547	10	P2RX6	P2X purinoceptor	272	1	272	0.025735294	0.022058824	0.023897059
O94991	11	SLITRK5	SLIT and NTRK-li	623	1	623	0.036918138	0.051364366	0.044141252
Q9UKZ4	12	TENM1	Teneurin-1 (Ten-1	2379	1	2379	0.023539302	0.016813787	0.020176545
Q9Y275	13	TNFSF13B	Tumor necrosis fa	217	1	217	0.023041475	0.023041475	0.023041475
P28827	14	PTPRM	Receptor-type tyr	721	1	721	0.05963939	0.030513176	0.045076283
P15151	15	PVR	Poliovirus recepto	322	1	322	0.074534161	0.02484472	0.049689441
Q9UHW9	16	SLC12A6	Solute carrier fam	158	5	107	0.044303797	0.03164557	0.037974684
Q13433	17	SLC39A6	Zinc transporter ZI	358	4	296	0.055865922	0.136871508	0.096368715
P48764	18	SLC9A3	Sodium/hydrogen	102	6	30	0.058823529	0.039215686	0.049019608
Q9BZD2	19	SLC29A3	Equilibrative nucle	71	5	30	0.028169014	0.070422535	0.049295775
P48029	20	SLC6A8	Sodium- and chlor	150	6	70	0.06	0.033333333	0.046666667
P23975	21	SLC6A2	Sodium-dependen	133	5	66	0.045112782	0.052631579	0.04887218
Q86VE9	22	SERINC5	Serine incorporato	126	5	52	0.03968254	0.007936508	0.023809524
Q6ZMC9	23	SIGLEC15	Sialic acid-binding	243	1	243	0.041152263	0.004115226	0.022633745
Q3KNW5	24	SLC10A6	Solute carrier fam	53	5	28	0.094339623	0.113207547	0.103773585
Q9Y3P8	25	SIT1	Signaling threshol	15	1	15	0.066666667	0.066666667	0.066666667
Q7RTT9	26	SLC29A4	Equilibrative nucle	166	6	67	0.054216867	0.012048193	0.03313253
Q99500	27	S1PR3	Sphingosine 1-ph	82	4	39	0.024390244	0.06097561	0.042682927
Q9NYZ4	28	SIGLEC8	Sialic acid-binding	346	1	346	0.095375723	0.031791908	0.063583815
O43556	29	SGCE	Epsilon-sarcoglyca	316	1	316	0.03164557	0.022151899	0.026898734
Q9NY15	30	STAB1	Stabilin-1 (Fascicl	2452	1	2452	0.037520392	0.05954323	0.048531811
Q9UIW2	31	PLXNA1	Plexin-A1 (Semap	1217	1	1217	0.030402629	0.023007395	0.026705012
Q9Y6M7	32	SLC4A7	Sodium bicarbona	809	6	607	0.035846724	0.082818294	0.059332509
P31431	33	SDC4	Syndecan-4 (SYN	126	1	126	0.023809524	0.111111111	0.067460317
Q9H156	34	SLITRK2	SLIT and NTRK-li	599	1	599	0.035058431	0.05509182	0.045075125
Q8WWQ8	35	STAB2	Stabilin-2 (FAS1 d	2438	1	2438	0.034454471	0.066447908	0.050451189
Q9UP52	36	TFR2	Transferrin recept	696	1	696	0.028735632	0.025862069	0.027298851
Q7RTX1	37	TAS1R1	Taste receptor typ	595	4	546	0.028571429	0.011764706	0.020168067
Q96JQ0	38	DCHS1	Protocadherin-16	2897	1	2897	0.05246807	0.006558509	0.02951329
P08922	39	ROS1	Proto-oncogene ty	1831	1	1831	0.044238121	0.024030584	0.034134353
Q9H015	40	SLC22A4	Solute carrier fam	127	6	99	0.023622047	0.023622047	0.023622047
Q13530	41	SERINC3	Serine incorporato	174	5	95	0.040229885	0.028735632	0.034482759
Q16586	42	SGCA	Alpha-sarcoglycan	266	1	266	0.060150376	0.033834586	0.046992481
Q495A1	43	TIGIT	T-cell immunorec	119	1	119	0	0.016806723	0.008403361
Q6UW88	44	EPGN	Epigen (Epithelial	87	1	87	0.057471264	0.08045977	0.068965517
Q9UJ14	45	GGT7	Glutathione hydro	534	1	534	0.026217228	0.026217228	0.026217228
Q16445	46	GABRA6	Gamma-aminobut	222	1	222	0.040540541	0.013513514	0.027027027
P07359	47	GP1BA	Platelet glycoprot	514	1	514	0.134241245	0.145914397	0.140077821
Q14956	48	GPNMB	Transmembrane g	475	1	475	0.056842105	0.048421053	0.052631579
P38484	49	IFNGR2	Interferon gamma	219	1	219	0.063926941	0.02739726	0.0456621
P26006	50	ITGA3	Integrin alpha-3 (	958	1	958	0.030271399	0.017745303	0.024008351
Q8IYV9	51	IZUMO1	Izumo sperm-egg	270	1	270	0.037037037	0.025925926	0.031481481
Q8N386	52	LRRC25	Leucine-rich repea	144	1	144	0.034722222	0.027777778	0.03125
Q8N7C0	53	LRRC52	Leucine-rich repea	220	1	220	0.054545455	0.031818182	0.043181818
Q01453	54	PMP22	Peripheral myelin	45	2	32	0.066666667	0.022222222	0.044444444
Q9NSD5	55	SLC6A13	Sodium- and chlor	64	1	64	0.09375	0.078125	0.0859375
Q6ZMH5	56	SLC39A5	Zinc transporter ZI	226	4	191	0.03539823	0.044247788	0.039823009
Q9C0K1	57	SLC39A8	Metal cation symp	128	4	109	0.0234375	0.0390625	0.03125
O95754	58	SEMA4F	Semaphorin-4F (S	624	1	624	0.025641026	0.016025641	0.020833333
Q12884	59	FAP	Prolyl endopeptida	734	1	734	0.020435967	0.01226158	0.016348774
Q14524	60	SCN5A	Sodium channel p	307	16	84	0.104234528	0.042345277	0.073289902
Q13291	61	SLAMF1	Signaling lymphoc	216	1	216	0.069444444	0.037037037	0.053240741
P09758	62	TACSTD2	Tumor-associated	247	1	247	0.032388664	0.036437247	0.034412955
Q9UMX9	63	SLC45A2	Membrane-associ	52	5	26	0.038461538	0.019230769	0.028846154
Q8WVN6	64	SECTM1	Secreted and tran	116	1	116	0.034482759	0.00862069	0.021551724
Q6IA17	65	SIGIRR	Single Ig IL-1-rela	117	1	117	0.085470085	0.034188034	0.05982906
Q9NYB5	66	SLCO1C1	Solute carrier orga	247	6	111	0.056680162	0.044534413	0.050607287
Q9H3R2	67	MUC13	Mucin-13 (MUC-1	402	1	402	0.156716418	0.186567164	0.171641791
O14931	68	NCR3	Natural cytotoxicit	116	1	116	0.025862069	0.00862069	0.017241379
Q9H255	69	OR51E2	Olfactory receptor	95	4	35	0.042105263	0.010526316	0.026315789
Q5T2D2	70	TREML2	Trem-like transcrip	249	1	249	0.144578313	0.180722892	0.162650602
Q7Z410	71	TMPRSS9	Transmembrane p	1008	1	1008	0.054563492	0.055555556	0.055059524
Q9UIG8	72	SLCO3A1	Solute carrier orga	228	6	100	0.065789474	0.043859649	0.054824561
P30874	73	SSTR2	Somatostatin rece	90	4	42	0.133333333	0.122222222	0.127777778
Q9NR97	74	TLR8	Toll-like receptor 8	800	1	800	0	0.03875	0.019375
P23510	75	TNFSF4	Tumor necrosis fa	132	1	132	0.03030303	0.03030303	0.03030303
Q06643	76	LTB	Lymphotoxin-beta	195	1	195	0.035897436	0.020512821	0.028205128
P18433	77	PTPRA	Receptor-type tyr	131	1	131	0.305343511	0.114503817	0.209923664
Q96L08	78	SUSD3	Sushi domain-con	102	1	102	0.049019608	0.058823529	0.053921569
Q9P246	79	STIM2	Stromal interactio	203	1	203	0.044334975	0.054187192	0.049261084
Q9Y210	80	TRPC6	Short transient rec	124	3	49	0.024193548	0.024193548	0.024193548
Q9NRS4	81	TMPRSS4	Transmembrane p	383	1	383	0.01305483	0.033942559	0.023498695
Q96QD8	82	SLC38A2	Sodium-coupled n	96	6	53	0.0625	0.052083333	0.057291667
P78324	83	SIRPA	Tyrosine-protein p	342	1	342	0.073099415	0.043859649	0.058479532
Q9HCX4	84	TRPC7	Short transient rec	108	3	50	0.055555556	0.018518519	0.037037037
Q9H3S1	85	SEMA4A	Semaphorin-4A (S	650	1	650	0.030769231	0.032307692	0.031538462
Q15858	86	SCN9A	Sodium channel p	304	16	78	0.019736842	0.016447368	0.018092105
Q6ZSJ9	87	SHISA6	Protein shisa-6	148	1	148	0.060810811	0.054054054	0.057432432
O43613	88	HCRTR1	Orexin receptor ty	102	4	45	0.039215686	0.049019608	0.044117647
Q9H2H9	89	SLC38A1	Sodium-coupled n	100	6	37	0.08	0.1	0.09
P48066	90	SLC6A11	Sodium- and chlor	73	1	73	0.082191781	0.04109589	0.061643836
Q6P5W5	91	SLC39A4	Zinc transporter ZI	339	4	304	0.017699115	0.053097345	0.03539823
Q9GZV3	92	SLC5A7	High affinity cholir	110	7	24	0.045454545	0.027272727	0.036363636
Q86YL7	93	PDPN	Podoplanin (Aggn	108	1	108	0.185185185	0.259259259	0.222222222
Q9BX97	94	PLVAP	Plasmalemma ves	393	1	393	0.017811705	0.050890585	0.034351145
Q04912	95	MST1R	Macrophage-stim	932	1	932	0.035407725	0.022532189	0.028969957
Q8WXD0	96	RXFP2	Relaxin receptor 2	475	4	415	0.021052632	0.025263158	0.023157895
Q9NY46	97	SCN3A	Sodium channel p	321	16	98	0.046728972	0.028037383	0.037383178
Q9Y286	98	SIGLEC7	Sialic acid-binding	334	1	334	0.077844311	0.038922156	0.058383234
Q9H813	99	PACC1	Proton-activated c	215	1	215	0.027906977	0.027906977	0.027906977
O14522	100	PTPRT	Receptor-type tyr	721	1	721	0.099861304	0.031900139	0.065880721
P37173	101	TGFBR2	TGF-beta recepto	143	1	143	0	0.027972028	0.013986014
Q86UF1	102	TSPAN33	Tetraspanin-33 (T	135	2	117	0.022222222	0.044444444	0.033333333
Q8IVM8	103	SLC22A9	Solute carrier fam	133	6	106	0.037593985	0.067669173	0.052631579
Q9BZV2	104	SLC19A3	Thiamine transpor	64	6	24	0.046875	0.03125	0.0390625
Q15043	105	SLC39A14	Metal cation symp	157	4	126	0.031847134	0.057324841	0.044585987
P53794	106	SLC5A3	Sodium/myo-inos	222	7	97	0.027027027	0.027027027	0.027027027
Q9BYH1	107	SEZ6L	Seizure 6-like prot	929	1	929	0.060279871	0.092572659	0.076426265
Q86V40	108	TRABD2A	Metalloprotease T	457	1	457	0.039387309	0.067833698	0.053610503
P43489	109	TNFRSF4	Tumor necrosis fa	185	1	185	0.059459459	0.140540541	0.1
O60635	110	TSPAN1	Tetraspanin-1 (Ts	120	2	101	0.05	0.066666667	0.058333333

Q6EMK4	111 VASN	Vasorin (Protein s	551	1	551	0.070780399	0.072595281	0.07168784
P78423	112 CX3CL1	Fractalkine (C-X3	316	1	316	0.117088608	0.170886076	0.143987342
Q9Y4D7	113 PLXND1	Plexin-D1	1224	1	1224	0.04248366	0.030228758	0.036356209
O60895	114 RAMP2	Receptor activity-r	102	1	102	0.068627451	0.039215686	0.053921569
Q8TD07	115 RAET1E	Retinoic acid early	194	1	194	0.025773196	0.020618557	0.023195876
Q13586	116 STIM1	Stromal interactio	190	1	190	0.068421053	0.015789474	0.042105263
Q9NYW4	117 TAS2R5	Taste receptor typ	49	3	26	0.06122449	0.020408163	0.040816327
Q969I6	118 SLC38A4	Sodium-coupled r	247	6	103	0.020242915	0.056680162	0.038461538
Q9UQD0	119 SCN8A	Sodium channel p	307	16	81	0.029315961	0.026058632	0.027687296
P19634	120 SLC9A1	Sodium/hydrogen	144	7	71	0.152777778	0.083333333	0.118055556
Q9UBG0	121 MRC2	C-type mannose r	1383	1	1383	0	0.028199566	0.014099783
Q13224	122 GRIN2B	Glutamate recepto	700	2	530	0.031428571	0.01	0.020714286
A6NDV4	123 TMEM8B	Transmembrane p	255	4	232	0.039215686	0.039215686	0.039215686
Q8TE23	124 TAS1R2	Taste receptor typ	583	4	546	0.032590051	0.022298456	0.027444254
Q9H313	125 TTYH1	Protein tweety hor	274	3	128	0.018248175	0.02189781	0.020072993
P53801	126 PTTG1IP	Pituitary tumor-tra	63	1	63	0.095238095	0.047619048	0.071428571
Q14242	127 SELPLG	P-selectin glycopr	302	1	302	0	0.254966887	0.127483444
Q9Y5Y9	128 SCN10A	Sodium channel p	261	16	68	0.049808429	0.038314176	0.044061303
O15389	129 SIGLEC5	Sialic acid-binding	424	1	424	0.056603774	0.025943396	0.041273585
O43699	130 SIGLEC6	Sialic acid-binding	320	1	320	0.078125	0.03125	0.0546875
P31391	131 SSTR4	Somatostatin rece	92	4	45	0.065217391	0.086956522	0.076086957
Q14162	132 SCARF1	Scavenger recepto	401	1	401	0.032418953	0.067331671	0.049875312
P23468	133 PTPRD	Receptor-type tyro	1244	1	1244	0.053858521	0.016881029	0.035369775
Q9Y5Y6	134 ST14	Suppressor of tum	778	1	778	0.028277635	0.023136247	0.025706941
P41732	135 TSPAN7	Tetraspanin-7 (Ts	115	2	100	0.139130435	0.052173913	0.095652174
Q9H7M9	136 VSIR	V-type immunoglo	161	1	161	0	0.062111801	0.031055901
Q9BX79	137 STRA6	Receptor for retino	165	5	50	0.060606061	0.036363636	0.048484848
Q96GP6	138 SCARF2	Scavenger recepto	397	1	397	0.035264484	0.055415617	0.04534005
Q9H2S6	139 TNMD	Tenomodulin (Tel	266	1	266	0.015037594	0.022556391	0.018796992
Q13641	140 TPBG	Trophoblast glyco	323	1	323	0.055727554	0.049535604	0.052631579
P17948	141 FLT1	Vascular endothel	731	1	731	0.050615595	0.017783858	0.034199726
P22897	142 MRC1	Macrophage mann	1370	1	1370	0.031386861	0.02189781	0.026642336
Q7Z443	143 PKD1L3	Polycystic kidney	957	7	673	0.045977011	0.033437827	0.039707419
P34925	144 RYK	Tyrosine-protein k	201	1	201	0.054726368	0.024875622	0.039800995
Q9BXP2	145 SLC12A9	Solute carrier fam	362	6	252	0.038674033	0.038674033	0.038674033
Q9H2J7	146 SLC6A15	Sodium-dependen	157	2	95	0.038216561	0.031847134	0.035031847
Q9H1V8	147 SLC6A17	Sodium-dependen	223	6	104	0.022421525	0.00896861	0.015695067
Q9H3T3	148 SEMA6B	Semaphorin-6B (S	577	1	577	0.027729636	0.029462738	0.028596187
Q9Y6L6	149 SLCO1B1	Solute carrier orga	246	6	111	0.06097561	0.044715447	0.052845528
Q96PQ0	150 SORCS2	VPS10 domain-co	1027	1	1027	0.030185005	0.025316456	0.02775073
Q9UIB8	151 CD84	SLAM family mem	203	1	203	0.147783251	0.019704433	0.083743842
Q16585	152 SGCB	Beta-sarcoglycan	231	1	231	0	0.051948052	0.025974026
Q99835	153 SMO	Smoothened hom	308	4	205	0.055194805	0.019480519	0.037337662
P35346	154 SSTR5	Somatostatin rece	75	4	37	0.12	0.146666667	0.133333333
Q9P2J2	155 IGSF9	Protein turtle hom	713	1	713	0.051893408	0.019635344	0.035764376
P09619	156 PDGFRB	Platelet-derived g	499	1	499	0.04008016	0.026052104	0.033066132
Q16827	157 PTPRO	Receptor-type tyro	792	1	792	0.074494949	0.036616162	0.055555556
Q0VAQ4	158 SMAGP	Small cell adhesio	35	1	35	0.285714286	0.257142857	0.271428571
P30518	159 AVPR2	Vasopressin V2 re	84	4	37	0.071428571	0.119047619	0.095238095
O75051	160 PLXNA2	Plexin-A2 (Semap	1202	1	1202	0.038269551	0.026622296	0.032445923
Q96G91	161 P2RY11	P2Y purinoceptor	137	4	41	0.02919708	0.02919708	0.02919708
Q9Y6N7	162 ROBO1	Roundabout homo	871	1	871	0.043628014	0.013777268	0.028702641
Q685J3	163 MUC17	Mucin-17 (MUC-1	4367	1	4367	0.423631784	0.440577055	0.43210442
Q8WXI7	164 MUC16	Mucin-16 (MUC-1	14450	1	14450	0.076608997	0.10615917	0.091384083
P25103	165 TACR1	Substance-P rece	85	4	30	0.094117647	0.105882353	0.1
P26715	166 KLRC1	NKG2-A/NKG2-B	139	1	139	0.035971223	0.021582734	0.028776978
P41146	167 OPRL1	Nociceptin recepto	97	4	47	0.030927835	0.06185567	0.046391753
Q9HD43	168 PTPRH	Receptor-type tyro	726	1	726	0.137741047	0.085399449	0.111570248
Q9NQ40	169 SLC52A3	Solute carrier fam	140	6	61	0.064285714	0.064285714	0.064285714
Q07699	170 SCN1B	Sodium channel s	141	1	141	0.028368794	0.028368794	0.028368794
Q13591	171 SEMA5A	Semaphorin-5A (S	945	1	945	0.043386243	0.068783069	0.056084656
Q96RL6	172 SIGLEC11	Sialic acid-binding	533	1	533	0.052532833	0.033771107	0.04315197
Q96BD0	173 SLCO4A1	Solute carrier orga	216	6	108	0.041666667	0.023148148	0.032407407
Q92959	174 SLCO2A1	Solute carrier orga	232	6	102	0.051724138	0.068965517	0.060344828
P78380	175 OLR1	Oxidized low-dens	215	1	215	0.023255814	0.03255814	0.027906977
P23471	176 PTPRZ1	Receptor-type tyro	1611	1	1611	0.075729361	0.196151459	0.13594041
Q9NY72	177 SCN3B	Sodium channel s	136	1	136	0.044117647	0.029411765	0.036764706
Q9NPR2	178 SEMA4B	Semaphorin-4B (S	673	1	673	0.037147103	0.046062407	0.041604755
Q9UI33	179 SCN11A	Sodium channel p	493	15	105	0.016227181	0.012170385	0.014198783
Q96LC7	180 SIGLEC10	Sialic acid-binding	533	1	533	0.046904315	0.024390244	0.03564728
Q9UKN1	181 MUC12	Mucin-12 (MUC-1	5363	1	5363	0.320343092	0.345329107	0.332836099
Q16549	182 PCSK7	Proprotein conver	525	1	525	0.032380952	0.020952381	0.026666667
Q9Y5Y4	183 PTGDR2	Prostaglandin D2	107	4	41	0.046728972	0.065420561	0.056074766
O00337	184 SLC28A1	Sodium/nucleosic	216	7	56	0.018518519	0.009259259	0.013888889
P18827	185 SDC1	Syndecan-1 (SYN	231	1	231	0.155844156	0.229437229	0.192640693
Q96PQ1	186 SIGLEC12	Sialic acid-binding	462	1	462	0.073593074	0.025974026	0.04978355
P51172	187 SCNN1D	Amiloride-sensitiv	422	1	422	0.035545024	0.030805687	0.033175355
O94956	188 SLCO2B1	Solute carrier orga	233	6	103	0.0472103	0.0472103	0.0472103
Q9P1W8	189 SIRPG	Signal-regulatory	331	1	331	0.057401813	0.033232628	0.045317221
P11168	190 SLC2A2	Solute carrier fam	112	6	66	0.071428571	0.035714286	0.053571429
Q8NCM2	191 KCNH5	Potassium voltage	66	4	51	0.075757576	0.03030303	0.053030303
Q9BZA8	192 PCDH11Y	Protocadherin-11	815	1	815	0.045398773	0.017177914	0.031288344
P25116	193 F2R	Proteinase-activa	121	4	60	0.05785124	0.049586777	0.053719008
Q9HCK4	194 ROBO2	Roundabout homo	837	1	837	0.066905615	0.013142174	0.040023895
O15245	195 SLC22A1	Solute carrier fam	139	6	106	0.043165468	0.035971223	0.039568345
Q01959	196 SLC6A3	Sodium-dependen	76	1	76	0.131578947	0.065789474	0.098684211
Q9C0C4	197 SEMA4C	Semaphorin-4C	642	1	642	0.026479751	0.028037383	0.027258567
Q9BRK3	198 MXRA8	Matrix remodeling	321	1	321	0.034267913	0.021806854	0.028037383
Q04721	199 NOTCH2	Neurogenic locus	1651	1	1651	0.025439128	0.044215627	0.034827377
Q8TCU5	200 GRIN3A	Glutamate recepto	810	2	650	0.039506173	0.027160494	0.033333333
Q6W5P4	201 NPSR1	Neuropeptide S re	111	4	51	0.072072072	0.117117117	0.094594595
Q68DV7	202 RNF43	E3 ubiquitin-prote	173	1	173	0.011560694	0.011560694	0.011560694
Q7Z2H8	203 SLC36A1	Proton-coupled ar	101	6	31	0.04950495	0.03960396	0.044554455
Q08357	204 SLC20A2	Sodium-dependen	75	7	26	0.013333333	0.013333333	0.013333333
Q9NSA0	205 SLC22A11	Solute carrier fam	138	6	110	0.086956522	0.079710145	0.083333333
Q8WTV0	206 SCARB1	Scavenger recepto	410	1	410	0.03902439	0.024390244	0.031707317
Q99250	207 SCN2A	Sodium channel p	324	16	98	0.046296296	0.030864198	0.038580247
P31641	208 SLC6A6	Sodium- and chlor	74	1	74	0.054054054	0.108108108	0.081081081
Q9NTN9	209 SEMA4G	Semaphorin-4G	657	1	657	0.0456621	0.04261796	0.04414003
Q8NFY4	210 SEMA6D	Semaphorin-6D	641	1	641	0.03900156	0.028081123	0.033541342
Q8TDX9	211 PKD1L1	Polycystic kidney	2072	6	1747	0.047779923	0.053088803	0.050434363
O95136	212 S1PR2	Sphingosine 1-ph	76	4	33	0.052631579	0.078947368	0.065789474
Q9UGH3	213 SLC23A2	Solute carrier fam	86	7	35	0.069767442	0.023255814	0.046511628
Q695T7	214 SLC6A19	Sodium-dependen	206	6	87	0.058252427	0.024271845	0.041262136
Q8WUX1	215 SLC38A5	Sodium-coupled r	106	6	43	0.037735849	0.018867925	0.028301887
P47900	216 P2RY1	P2Y purinoceptor	108	4	50	0.157407407	0.064814815	0.111111111
Q13635	217 PTCH1	Protein patched h	604	6	314	0.01986755	0.013245033	0.016556291
Q9Y226	218 SLC22A13	Solute carrier fam	119	5	96	0.033613445	0.025210084	0.029411765
P46059	219 SLC15A1	Solute carrier fam	294	6	201	0.047619048	0.017006803	0.032312925
Q9NP91	220 SLC6A20	Sodium- and chlor	235	6	91	0.029787234	0.012765957	0.021276596
P43007	221 SLC1A4	Neutral amino aci	76	1	76	0.065789474	0.157894737	0.111842105
P30531	222 SLC6A1	Sodium- and chlor	66	1	66	0.090909091	0.060606061	0.075757576
O76082	223 SLC22A5	Solute carrier fam	122	6	100	0.024590164	0.057377049	0.040983607
Q13018	224 PLA2R1	Secretory phosph	1376	1	1376	0.020348837	0.018895349	0.019622093

Q99808	225	SLC29A1	Equilibrative nucle	93	6	52	0.032258065	0.043010753	0.037634409
P40879	226	SLC26A3	Chloride anion exc	114	5	38	0.052631579	0.035087719	0.043859649
Q96RN1	227	SLC26A8	Testis anion trans	116	6	34	0.043103448	0.00862069	0.025862069
Q9Y3Q4	228	HCN4	Potassium/sodiur	42	4	22	0.047619048	0	0.023809524
P13747	229	HLA-E	HLA class I histoc	283	1	283	0.028268551	0.010600707	0.019434629
Q93033	230	CD101	Immunoglobulin s	933	1	933	0.0471597	0.022508039	0.034833869
P10721	231	KIT	Mast/stem cell gr	498	1	498	0	0.026104418	0.013052209
O00254	232	F2RL2	Proteinase-activa	115	4	55	0.060869565	0.060869565	0.060869565
Q99571	233	P2RX4	P2X purinoceptor	283	1	283	0.067137809	0.056537102	0.061837456
O14495	234	PLPP3	Phospholipid pho	92	3	49	0.065217391	0	0.032608696
Q8TDB8	235	SLC2A14	Solute carrier fam	85	6	37	0.035294118	0.011764706	0.023529412
P16234	236	PDGFRA	Platelet-derived g	504	1	504	0.045634921	0.01984127	0.032738095
Q969P0	237	IGSF8	Immunoglobulin s	551	1	551	0.019963702	0.019963702	0.019963702
P20701	238	ITGAL	Integrin alpha-L (	1064	1	1064	0.028195489	0.015977444	0.022086466
P05107	239	ITGB2	Integrin beta-2 (C	677	1	677	0.022156573	0.038404727	0.03028065
P26010	240	ITGB7	Integrin beta-7 (G	703	1	703	0.031294452	0.055476529	0.043385491
P03999	241	OPN1SW	Short-wave-sensi	77	4	32	0.012987013	0.038961039	0.025974026
Q6J4K2	242	SLC8B1	Mitochondrial sod	134	7	68	0.044776119	0.052238806	0.048507463
P26718	243	KLRK1	NKG2-D type II in	143	1	143	0.027972028	0.006993007	0.017482517
Q8IUK5	244	PLXDC1	Plexin domain-co	407	1	407	0.061425061	0.076167076	0.068796069
P41143	245	OPRD1	Delta-type opioid	90	4	46	0.077777778	0.066666667	0.072222222
P78562	246	PHEX	Phosphate-regula	599	1	599	0.026711185	0.005008347	0.015859766
Q9P0L9	247	PKD2L1	Polycystic kidney	278	4	231	0.017985612	0	0.008992806
O00592	248	PODXL	Podocalyxin (GCT	438	1	438	0.242009132	0.292237443	0.267123288
Q9UBD6	249	RHCG	Ammonium transp	89	5	29	0.011235955	0	0.005617978
P25105	250	PTAFR	Platelet-activating	80	4	28	0.0625	0.0375	0.05
Q8NH64	251	OR51A7	Olfactory receptor	96	4	35	0.03125	0.020833333	0.026041667
Q86VZ1	252	P2RY8	P2Y purinoceptor	70	4	27	0.071428571	0.057142857	0.064285714
O95977	253	S1PR4	Sphingosine 1-ph	97	4	49	0.041237113	0.06185567	0.051546392
B4DS77	254	SHISA9	Protein shisa-9	125	1	125	0.072	0.032	0.052
O43300	255	LRRTM2	Leucine-rich repe	388	1	388	0.048969072	0.059278351	0.054123711
Q8NGF4	256	OR5AP2	Olfactory receptor	123	4	53	0.024390244	0.008130081	0.016260163
Q8NGZ9	257	OR2T10	Olfactory receptor	92	4	36	0.02173913	0.010869565	0.016304348
Q9UN66	258	PCDHB8	Protocadherin bet	661	1	661	0.039334342	0.004538578	0.02193646
Q9Y5E7	259	PCDHB2	Protocadherin bet	661	1	661	0.030257186	0.006051437	0.018154312
Q9Y5E5	260	PCDHB4	Protocadherin bet	661	1	661	0.030257186	0.004538578	0.017397882
B8ZZ34	261	SHISA8	Protein shisa-8 (S	99	1	99	0.070707071	0.03030303	0.050505051
Q9Y267	262	SLC22A14	Solute carrier fam	140	6	92	0.035714286	0.028571429	0.032142857
Q8NGJ6	263	OR51A4	Olfactory receptor	98	4	35	0.051020408	0.010204082	0.030612245
Q8NH90	264	OR5AK2	Olfactory receptor	100	4	41	0.07	0.02	0.045
Q9H2Y9	265	SLCO5A1	Solute carrier orga	251	6	129	0.067729084	0.035856574	0.051792829
Q2VWP7	266	PRTG	Protogenin (Prote	913	1	913	0.048192771	0.028477547	0.038335159
P47872	267	SCTR	Secretin receptor	164	4	120	0.012195122	0.036585366	0.024390244
Q4G0T1	268	0	Scavenger recepto	886	1	886	0.019187359	0.028216704	0.023702032
Q8NGS8	269	OR13C5	Olfactory receptor	101	4	36	0.01980198	0.00990099	0.014851485
Q8NGE3	270	OR10P1	Olfactory receptor	96	4	36	0.052083333	0.010416667	0.03125
Q8NGT2	271	OR13J1	Olfactory receptor	95	4	36	0.021052632	0	0.010526316
Q5TZ20	272	OR2G6	Olfactory receptor	92	4	36	0.054347826	0.02173913	0.038043478
Q8NGR8	273	OR1L8	Olfactory receptor	93	4	37	0.021505376	0.010752688	0.016129032
Q8NGB6	274	OR4M2	Olfactory receptor	90	4	36	0.044444444	0.011111111	0.027777778
A3KFT3	275	OR2M5	Olfactory receptor	92	4	36	0.065217391	0.02173913	0.043478261
Q8NGG7	276	OR8A1	Olfactory receptor	114	4	50	0.035087719	0.01754386	0.026315789
Q86UG4	277	SLCO6A1	Solute carrier orga	219	6	108	0.063926941	0.02739726	0.0456621
P59551	278	TAS2R60	Taste receptor typ	73	4	33	0.02739726	0.01369863	0.020547945
A6NFU0	279	FAM187A	Ig-like V-type don	358	1	358	0	0.016759777	0.008379888
Q9H0X4	280	FAM234A	Protein FAM234A	481	1	481	0.087318087	0.033264033	0.06029106
Q8TBQ9	281	TMEM167A	Protein kish-A (Tr	26	1	26	0.038461538	0.038461538	0.038461538
Q14952	282	KIR2DS3	Killer cell immuno	223	1	223	0.062780269	0.044843049	0.053811659
Q86VZ4	283	LRP11	Low-density lipop	412	1	412	0	0.060679612	0.030339806
Q9P1P4	284	TAAR3P	Putative trace ami	106	4	60	0.037735849	0.009433962	0.023584906
P59541	285	TAS2R30	Taste receptor typ	56	3	30	0.035714286	0.035714286	0.035714286
Q8IW52	286	SLITRK4	SLIT and NTRK-li	599	1	599	0.033388982	0.048414023	0.040901503
Q8NC67	287	NETO2	Neuropilin and tol	324	1	324	0.024691358	0.015432099	0.020061728
Q6NVV3	288	NIPAL1	Magnesium transp	113	4	66	0.053097345	0.044247788	0.048672566
Q6IFG1	289	OR52E8	Olfactory receptor	102	4	35	0.039215686	0.019607843	0.029411765
Q8NH74	290	OR10A6	Olfactory receptor	95	4	36	0.010526316	0.010526316	0.010526316
Q8WZA6	291	OR1E3	Olfactory receptor	81	4	27	0.049382716	0.012345679	0.030864198
Q9NZP0	292	OR6C3	Olfactory receptor	92	4	36	0.054347826	0.032608696	0.043478261
Q8NGM9	293	OR8D4	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q8NGE1	294	OR6C4	Olfactory receptor	93	4	36	0.043010753	0.021505376	0.032258065
O95047	295	OR2A4	Olfactory receptor	91	4	36	0.021978022	0.010989011	0.016483516
Q8NGT1	296	OR2K2	Olfactory receptor	73	4	34	0.01369863	0.01369863	0.01369863
Q9Y3N9	297	OR2W1	Olfactory receptor	92	4	36	0.032608696	0.010869565	0.02173913
Q7Z3T1	298	OR2W3	Olfactory receptor	92	4	36	0.054347826	0.010869565	0.032608696
P59534	299	TAS2R39	Taste receptor typ	83	4	29	0.036144578	0.036144578	0.036144578
Q9NYW6	300	TAS2R3	Taste receptor typ	81	4	36	0.037037037	0.037037037	0.037037037
Q7Z402	301	TMC7	Transmembrane c	290	5	167	0.065517241	0.093103448	0.079310345
Q9NYW3	302	TAS2R7	Taste receptor typ	71	4	37	0.042253521	0.042253521	0.042253521
Q7Z3Q1	303	SLC46A3	Solute carrier fam	83	6	47	0.048192771	0.036144578	0.042168675
Q58EX2	304	SDK2	Protein sidekick-2	1911	1	1911	0.052328624	0.026687598	0.039508111
Q96RJ0	305	TAAR1	Trace amine-asso	84	4	30	0.023809524	0.023809524	0.023809524
Q9Y5P1	306	OR51B2	Olfactory receptor	94	4	35	0.031914894	0	0.015957447
Q8NGJ8	307	OR51S1	Olfactory receptor	103	4	34	0.077669903	0.058252427	0.067961165
Q9H228	308	S1PR5	Sphingosine 1-ph	90	4	39	0.033333333	0.033333333	0.033333333
A6NK97	309	SLC22A20P	Solute carrier fam	171	6	92	0.064327485	0.01754386	0.040935673
Q6UWL2	310	SUSD1	Sushi domain-con	691	1	691	0.073806078	0.075253256	0.074529667
Q3SY77	311	UGT3A2	UDP-glucuronosy	460	1	460	0	0.006521739	0.00326087
Q7RTR8	312	TAS2R42	Taste receptor typ	78	4	38	0.038461538	0.012820513	0.025641026
Q7Z5N4	313	SDK1	Protein sidekick-1	2008	1	2008	0.0687251	0.030378486	0.049551793
Q8NGJ9	314	OR51T1	Olfactory receptor	98	4	35	0.06122449	0.030612245	0.045918367
Q9Y5H3	315	PCDHGA10	Protocadherin gar	663	1	663	0.040723982	0.004524887	0.022624434
Q9BSA4	316	TTYH2	Protein tweety ho	273	3	126	0.080586081	0.021978022	0.051282051
Q9Y6U7	317	RNF215	RING finger protei	206	1	206	0.019417476	0.009708738	0.014563107
Q14DG7	318	TMEM132B	Transmembrane p	902	1	902	0.041019956	0.026607539	0.033813747
Q9C0I4	319	THSD7B	Thrombospondin t	1523	1	1523	0.024950755	0.105055811	0.065003283
Q96H15	320	TIMD4	T-cell immunoglol	289	1	289	0	0.238754325	0.119377163
Q6UXD5	321	SEZ6L2	Seizure 6-like pro	816	1	816	0.067401961	0.082107843	0.074754902
P48145	322	NPBWR1	Neuropeptides B/	83	4	36	0.072289157	0.108433735	0.090361446
Q9HBY0	323	NOX3	NADPH oxidase 3	230	3	172	0.026086957	0.034782609	0.030434783
A6NL88	324	SHISA7	Protein shisa-7 (C	166	1	166	0.090361446	0.090361446	0.090361446
P59539	325	TAS2R45	Taste receptor typ	59	3	30	0.050847458	0.016949153	0.033898305
P59533	326	TAS2R38	Taste receptor typ	62	4	26	0.129032258	0.080645161	0.10483871
P59544	327	TAS2R50	Taste receptor typ	51	3	33	0.058823529	0.019607843	0.039215686
P0DTE0	328	TAS2R36	Putative taste rec	52	3	33	0.038461538	0.038461538	0.038461538
Q9UBY0	329	SLC9A2	Sodium/hydrogen	101	6	31	0.01980198	0.00990099	0.014851485
Q8N3T6	330	TMEM132C	Transmembrane p	894	1	894	0.023489933	0.029082774	0.026286353
Q86XT9	331	TMEM219	Insulin-like growth	165	1	165	0.109090909	0.018181818	0.063636364
Q8NH53	332	OR52N1	Olfactory receptor	99	4	35	0.03030303	0.01010101	0.02020202
A6NM03	333	OR2AG2	Olfactory receptor	97	4	44	0.020618557	0.020618557	0.020618557
A6NMU1	334	OR52A4P	Olfactory receptor	88	4	35	0.034090909	0.011363636	0.022727273
P30954	335	OR10J1	Olfactory receptor	105	4	35	0.019047619	0.019047619	0.019047619
W5XKT8	336	SPACA6	Sperm acrosome r	268	1	268	0.007462687	0.003731343	0.005597015
Q8NH04	337	OR2T27	Olfactory receptor	75	4	36	0.026666667	0.013333333	0.02
Q8NGC3	338	OR10G2	Olfactory receptor	97	4	36	0.041237113	0.010309278	0.025773196

Q8NGC4	339	OR10G3	Olfactory receptor	93	4	36	0.075268817	0.021505376	0.048387097
Q6UWM9	340	UGT2A3	UDP-glucuronosy	467	1	467	0	0.004282655	0.002141328
Q8NGH8	341	OR56A4	Olfactory receptor	99	4	35	0.060606061	0.02020202	0.04040404
Q8NGK2	342	OR52B4	Olfactory receptor	98	4	35	0.051020408	0.010204082	0.030612245
Q9GZN6	343	SLC6A16	Orphan sodium- a	134	2	91	0.014925373	0.02238806	0.018656716
Q6AI14	344	SLC9A4	Sodium/hydrogen	105	6	30	0.019047619	0.00952381	0.014285714
Q9Y5F8	345	PCDHGB7	Protocadherin gar	660	1	660	0.022727273	0.006060606	0.014393939
Q8TDF5	346	NETO1	Neuropilin and tol	321	1	321	0.018691589	0.021806854	0.020249221
Q8NGH7	347	OR52L1	Olfactory receptor	114	4	42	0.01754386	0.00877193	0.013157895
Q9H340	348	OR51B6	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
Q9Y5F6	349	PCDHGC5	Protocadherin gar	663	1	663	0.028657617	0.006033183	0.0173454
Q9Y5G3	350	PCDHGB1	Protocadherin gar	658	1	658	0.031914894	0.009118541	0.020516717
Q9ULK6	351	RNF150	RING finger protei	173	1	173	0.057803468	0.028901734	0.043352601
Q8NGI3	352	OR56B1	Olfactory receptor	104	4	35	0.038461538	0.019230769	0.028846154
Q8NG77	353	OR2T12	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q8NGN3	354	OR10G4	Olfactory receptor	92	4	36	0.065217391	0.010869565	0.038043478
Q9H207	355	OR10A5	Olfactory receptor	96	4	36	0.052083333	0.010416667	0.03125
Q9GZK7	356	OR11A1	Olfactory receptor	96	4	36	0.041666667	0.010416667	0.026041667
Q8NGX9	357	OR6P1	Olfactory receptor	95	4	36	0.031578947	0.021052632	0.026315789
Q8NGQ2	358	OR6Q1	Olfactory receptor	99	4	36	0.050505051	0	0.025252525
Q8NH40	359	OR6S1	Olfactory receptor	94	4	38	0.053191489	0.010638298	0.031914894
Q9Y5H9	360	PCDHA2	Protocadherin alp	674	1	674	0.03264095	0.008902077	0.020771513
Q8N6Y1	361	PCDH20	Protocadherin-20	829	1	829	0.031363088	0.002412545	0.016887817
Q9HC56	362	PCDH9	Protocadherin-9	790	1	790	0.121518987	0.017721519	0.069620253
Q9Y5H2	363	PCDHGA11	Protocadherin gar	663	1	663	0.031674208	0.007541478	0.019607843
O60330	364	PCDHGA12	Protocadherin gar	662	1	662	0.03021148	0.004531722	0.017371601
Q8TDU9	365	RXFP4	Relaxin-3 recepto	101	4	42	0.079207921	0.108910891	0.094059406
Q63ZE4	366	SLC22A10	Solute carrier fam	236	6	108	0.042372881	0.046610169	0.044491525
Q99884	367	SLC6A7	Sodium-depender	76	1	76	0.039473684	0.026315789	0.032894737
O95502	368	NPTXR	Neuronal pentraxi	476	1	476	0.033613445	0.050420168	0.042016807
O60779	369	SLC19A2	Thiamine transpo	81	6	26	0.037037037	0.024691358	0.030864198
Q8NG76	370	OR2T33	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q9H341	371	OR51M1	Olfactory receptor	85	4	39	0.035294118	0.011764706	0.023529412
Q8NGX0	372	OR11L1	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
O60403	373	OR10H2	Olfactory receptor	95	4	36	0.021052632	0.010526316	0.015789474
Q96KK4	374	OR10C1	Olfactory receptor	94	4	36	0.074468085	0.010638298	0.042553191
Q8NH72	375	OR4C6	Olfactory receptor	88	4	36	0.045454545	0.011363636	0.028409091
Q8NGI4	376	OR4D11	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
P0C626	377	OR5G3	Olfactory receptor	63	4	24	0.031746032	0.015873016	0.023809524
A6NL26	378	OR5B21	Olfactory receptor	96	4	40	0.052083333	0.020833333	0.036458333
Q5JQS5	379	OR2B11	Olfactory receptor	96	4	36	0.03125	0.020833333	0.026041667
Q9UGF6	380	OR5V1	Olfactory receptor	94	4	35	0.031914894	0.021276596	0.026595745
Q8NGL2	381	OR5L1	Olfactory receptor	94	4	35	0.031914894	0	0.015957447
O76002	382	OR2J2	Olfactory receptor	93	4	36	0.021505376	0.010752688	0.016129032
Q8NGS1	383	OR1J4	Olfactory receptor	92	4	36	0.010869565	0	0.005434783
Q96RC9	384	OR8B4	Olfactory receptor	94	4	36	0.063829787	0.010638298	0.037234043
Q5H943	385	CT83	Kita-kyushu lung c	91	1	91	0.032967033	0.021978022	0.027472527
Q8NGS9	386	OR13C2	Olfactory receptor	101	4	36	0.01980198	0.00990099	0.014851485
O14718	387	RRH	Visual pigment-lik	68	4	25	0.058823529	0.044117647	0.051470588
Q8NH69	388	OR5W2	Olfactory receptor	94	4	35	0.021276596	0.021276596	0.021276596
Q8NGP8	389	OR5M1	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
Q8WZ94	390	OR5P3	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
Q8NH09	391	OR8S1	Olfactory receptor	93	4	36	0.021505376	0.010752688	0.016129032
O43749	392	OR1F1	Olfactory receptor	93	4	37	0.043010753	0.010752688	0.02688172
Q6IF00	393	OR2T2	Olfactory receptor	93	4	36	0.053763441	0	0.02688172
Q8NH51	394	OR8K3	Olfactory receptor	95	4	36	0.021052632	0.010526316	0.015789474
Q15620	395	OR8B8	Olfactory receptor	95	4	36	0.042105263	0.010526316	0.026315789
Q86WI1	396	PKHD1L1	Fibrocystin-L (Pol	4189	1	4189	0.04678921	0.029362616	0.038075913
Q6PXP3	397	SLC2A7	Solute carrier fam	81	6	35	0.012345679	0.012345679	0.012345679
Q8NH89	398	OR5AK3P	Putative olfactory	100	4	41	0.06	0.02	0.04
Q8NGK3	399	OR52K2	Olfactory receptor	98	4	35	0.06122449	0.010204082	0.035714286
Q8NH37	400	OR4C3	Olfactory receptor	88	4	36	0.011363636	0.011363636	0.011363636
P0DN77	401	OPN1MW2	Medium-wave-se	96	4	51	0.072916667	0.104166667	0.088541667
Q8NGZ2	402	OR14K1	Olfactory receptor	98	4	41	0.030612245	0.010204082	0.020408163
Q96R67	403	OR4C12	Olfactory receptor	88	4	36	0.034090909	0.011363636	0.022727273
Q8NH05	404	OR4Q3	Olfactory receptor	90	4	36	0.011111111	0.011111111	0.011111111
Q8NGP4	405	OR5M3	Olfactory receptor	92	4	35	0.043478261	0.010869565	0.027173913
P0C7N1	406	OR8U8	Olfactory receptor	116	4	60	0.025862069	0.00862069	0.017241379
Q96R27	407	OR2M4	Olfactory receptor	92	4	36	0.032608696	0.010869565	0.02173913
Q8NGE9	408	OR9Q2	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
O14581	409	OR7A17	Olfactory receptor	95	4	36	0.052631579	0	0.026315789
Q8NGK9	410	OR5D16	Olfactory receptor	96	4	35	0.041666667	0.010416667	0.026041667
Q9GZK6	411	OR2J1	Olfactory receptor	93	4	36	0.021505376	0.010752688	0.016129032
Q8N0Y3	412	OR4N4	Olfactory receptor	90	4	36	0.066666667	0.011111111	0.038888889
Q8NGS2	413	OR1J2	Olfactory receptor	93	4	37	0.021505376	0.010752688	0.016129032
Q8NGR3	414	OR1K1	Olfactory receptor	94	4	37	0.042553191	0.010638298	0.026595745
Q9Y5G7	415	PCDHGA6	Protocadherin gar	662	1	662	0.036253776	0.001510574	0.018882175
Q8NGK1	416	OR51G1	Olfactory receptor	98	4	35	0.020408163	0.010204082	0.015306122
Q8NGK0	417	OR51G2	Olfactory receptor	101	4	35	0.069306931	0.00990099	0.03960396
Q99075	418	HBEGF	Proheparin-bindin	140	1	140	0.035714286	0.071428571	0.053571429
P53708	419	ITGA8	Integrin alpha-8 [I	973	1	973	0.02672148	0.023638232	0.025179856
Q969F8	420	KISS1R	KiSS-1 receptor (I	106	4	45	0.08490566	0.066037736	0.075471698
Q9H1U4	421	MEGF9	Multiple epiderma	483	1	483	0.169772257	0.188405797	0.179089027
Q96LB2	422	MRGPRX1	Mas-related G-pro	59	4	30	0	0.118644068	0.059322034
Q9UKL2	423	OR52A1	Olfactory receptor	99	4	36	0.04040404	0.01010101	0.025252525
A6ND48	424	OR14I1	Olfactory receptor	72	4	26	0.027777778	0.013888889	0.020833333
Q96R09	425	OR5B2	Olfactory receptor	90	4	36	0.044444444	0.011111111	0.027777778
Q8WZ92	426	OR5P2	Olfactory receptor	97	4	35	0.051546392	0.020618557	0.036082474
Q96RD1	427	OR6C1	Olfactory receptor	93	4	36	0.043010753	0	0.021505376
Q8NGF7	428	OR5B17	Olfactory receptor	92	4	35	0.054347826	0	0.027173913
Q9GZM6	429	OR8D2	Olfactory receptor	95	4	36	0.042105263	0.010526316	0.026315789
A6NKK0	430	OR5H1	Olfactory receptor	86	4	30	0.034883721	0	0.01744186
Q8NGC2	431	OR4E2	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q8NGT9	432	OR2A1;	Olfactory receptor	92	4	37	0.010869565	0.010869565	0.010869565
P41217	433	CD200	OX-2 membrane g	201	1	201	0	0.034825871	0.017412935
Q99062	434	CSF3R	Granulocyte colon	602	1	602	0.051495017	0.024916944	0.03820598
P98073	435	TMPRSS15	Enteropeptidase (	971	1	971	0.056642636	0.042224511	0.049433574
P49961	436	ENTPD1	Ectonucleoside tri	440	1	440	0.022727273	0.013636364	0.018181818
P25092	437	GUCY2C	Heat-stable enter	406	1	406	0.044334975	0.022167488	0.033251232
Q02846	438	GUCY2D	Retinal guanylyl cy	410	1	410	0.029268293	0.002439024	0.015853659
Q9NRM0	439	SLC2A9	Solute carrier fam	85	6	34	0.023529412	0.023529412	0.023529412
Q86W47	440	KCNMB4	Calcium-activated	126	1	126	0.111111111	0.015873016	0.063492063
O14511	441	NRG2	Pro-neuregulin-2,	293	1	293	0	0.020477816	0.010238908
Q15743	442	GPR68	Ovarian cancer G-	71	4	24	0.098591549	0.056338028	0.077464789
Q8NGJ5	443	OR51L1	Olfactory receptor	98	4	35	0.010204082	0.010204082	0.010204082
Q9UGF7	444	OR12D3	Olfactory receptor	93	4	36	0.043010753	0.010752688	0.02688172
Q8NH85	445	OR8U3	Olfactory receptor	94	4	35	0.063829787	0	0.031914894
Q8NH93	446	OR1L3	Olfactory receptor	92	4	37	0.010869565	0	0.005434783
Q8NGD0	447	OR4M1	Olfactory receptor	90	4	36	0.044444444	0.011111111	0.027777778
Q8NGY5	448	OR6N1	Olfactory receptor	95	4	36	0.021052632	0.010526316	0.015789474
Q8NHB7	449	OR5K1	Olfactory receptor	94	4	35	0.031914894	0.010638298	0.021276596
Q8NG78	450	OR8G5	Olfactory receptor	130	4	59	0.023076923	0.015384615	0.019230769
Q9NQN1	451	OR2S2	Olfactory receptor	99	4	36	0.02020202	0.01010101	0.015151515
P47888	452	OR3A3	Olfactory receptor	102	4	37	0.039215686	0.009803922	0.024509804

Q8NGY3	453	OR6K3	Olfactory receptor	110	4	40	0.163636364	0.036363636	0.1
O76001	454	OR2J3	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q96R30	455	OR2V2	Olfactory receptor	93	4	36	0.021505376	0.010752688	0.016129032
Q8NG80	456	OR2L5	Olfactory receptor	91	4	36	0.054945055	0.021978022	0.038461538
Q8NGQ1	457	OR9G4	Olfactory receptor	112	4	42	0.035714286	0.017857143	0.026785714
Q8NGX3	458	OR10T2	Olfactory receptor	96	4	36	0.041666667	0.010416667	0.026041667
Q93086	459	P2RX5	P2X purinoceptor	267	1	267	0.02247191	0.011235955	0.016853933
O43157	460	PLXNB1	Plexin-B1 (Semap	1470	1	1470	0.058503401	0.059863946	0.059183673
O60741	461	HCN1	Potassium/sodiur	60	4	25	0.05	0	0.025
P24394	462	IL4R	Interleukin-4 rece	206	1	206	0.04368932	0.029126214	0.036407767
P05106	463	ITGB3	Integrin beta-3 (P	691	1	691	0.020260492	0.031837916	0.026049204
O75022	464	LILRB3	Leukocyte immun	419	1	419	0.057279236	0.028639618	0.042959427
P41145	465	OPRK1	Kappa-type opioic	107	4	56	0.093457944	0.093457944	0.093457944
P42263	466	GRIA3	Glutamate recepto	697	2	523	0.032998565	0.015781923	0.024390244
O75074	467	LRP3	Low-density lipop	459	1	459	0	0.076252723	0.038126362
Q6P9F7	468	LRRC8B	Volume-regulated	96	2	72	0.03125	0.041666667	0.036458333
Q68DH5	469	LMBRD2	G-protein coupled	118	5	51	0	0.06779661	0.033898305
Q8NHL6	470	LILRB1	Leukocyte immun	437	1	437	0.057208238	0.04576659	0.051487414
O60449	471	LY75	Lymphocyte antig	1638	1	1638	0.023809524	0.020757021	0.022283272
P0DQD5	472	NPY4R2	Neuropeptide Y re	96	4	38	0.0625	0.083333333	0.072916667
P50391	473	NPY4R	Neuropeptide Y re	96	4	38	0.0625	0.083333333	0.072916667
A6NCV1	474	OR6C74	Olfactory receptor	74	4	32	0.040540541	0.013513514	0.027027027
Q96PE5	475	OPALIN	Opalin (Oligodenc	28	1	28	0.392857143	0.285714286	0.339285714
Q9NZP5	476	OR5AC2	Olfactory receptor	102	4	41	0.049019608	0.009803922	0.029411765
Q9NPG4	477	PCDH12	Protocadherin-12	693	1	693	0.033189033	0.017316017	0.025252525
Q9Y5F9	478	PCDHGB6	Protocadherin gar	660	1	660	0.013636364	0.003030303	0.008333333
Q9Y5E3	479	PCDHB6	Protocadherin bet	660	1	660	0.021212121	0.007575758	0.014393939
Q96NT5	480	SLC46A1	Proton-coupled fo	83	6	35	0.048192771	0.048192771	0.048192771
O60245	481	PCDH7	Protocadherin-7 (	850	1	850	0.030588235	0.011764706	0.021176471
P07202	482	TPO	Thyroid peroxidas	827	1	827	0.026602177	0.029020556	0.027811366
Q6Q8B3	483	CD200R1L	Cell surface glyco	215	1	215	0.074418605	0.03255814	0.053488372
P49286	484	MTNR1B	Melatonin receptc	93	4	41	0.086021505	0.064516129	0.075268817
P15941	485	MUC1	Mucin-1 (MUC-1)	1134	1	1134	0.242504409	0.254850088	0.248677249
Q6NSJ0	486	MYORG	Myogenesis-regul	636	1	636	0.018867925	0.009433962	0.014150943
Q92542	487	NCSTN	Nicastrin	635	1	635	0.048818898	0.040944882	0.04488189
A6NL08	488	OR6C75	Olfactory receptor	74	4	32	0.054054054	0.027027027	0.040540541
Q8NGB8	489	OR4F15	Olfactory receptor	90	4	36	0.022222222	0.011111111	0.016666667
Q9H209	490	OR10A4	Olfactory receptor	96	4	36	0.020833333	0.010416667	0.015625
Q8NGN6	491	OR10G7	Olfactory receptor	92	4	36	0.076086957	0	0.038043478
Q8NGC7	492	OR11H6	Olfactory receptor	113	4	42	0.088495575	0.008849558	0.048672566
Q8NGS6	493	OR13C3	Olfactory receptor	131	4	54	0.022900763	0.015267176	0.019083969
Q8NGQ4	494	OR10Q1	Olfactory receptor	100	4	37	0.01	0.01	0.01
Q8NGL1	495	OR5D18	Olfactory receptor	95	4	35	0.052631579	0.010526316	0.031578947
P47887	496	OR1E2	Olfactory receptor	92	4	37	0.02173913	0.010869565	0.016304348
Q8NGB4	497	OR4S1	Olfactory receptor	88	4	36	0.022727273	0.011363636	0.017045455
Q8NGA2	498	OR7A2P	Putative olfactory	96	4	36	0.03125	0.010416667	0.020833333
Q8NHA8	499	OR1F12	Olfactory receptor	93	4	37	0.043010753	0.021505376	0.032258065
A6NF89	500	OR6C6	Olfactory receptor	79	4	36	0.037974684	0.012658228	0.025316456
P47881	501	OR3A1	Olfactory receptor	94	4	37	0.053191489	0.010638298	0.031914894
Q92896	502	GLG1	Golgi apparatus p	1115	1	1115	0.014349776	0.012556054	0.013452915
Q14114	503	LRP8	Low-density lipop	784	1	784	0	0.0625	0.03125
Q05586	504	GRIN1	Glutamate recepto	704	2	540	0.036931818	0.029829545	0.033380682
Q96NY8	505	NECTIN4	Nectin-4 (Ig supe	317	1	317	0.050473186	0.022082019	0.036277603
Q9Y5S8	506	NOX1	NADPH oxidase 1	225	3	168	0.017777778	0.008888889	0.013333333
Q15155	507	NOMO1	Nodal modulator 1	1123	1	1123	0.038290294	0.010685663	0.024487979
Q8NGI1	508	OR56B2P	Putative olfactory	104	4	35	0.019230769	0.009615385	0.014423077
Q92824	509	PCSK5	Proprotein conver	1628	1	1628	0.032555283	0.049140049	0.040847666
Q8NGN1	510	OR6T1	Olfactory receptor	95	4	36	0.010526316	0.010526316	0.010526316
Q8N148	511	OR6V1	Olfactory receptor	93	4	36	0.021505376	0.010752688	0.016129032
Q9UN73	512	PCDHA6	Protocadherin alp	667	1	667	0.020989505	0.010494753	0.015742129
Q9Y5G9	513	PCDHGA4	Protocadherin gar	663	1	663	0.034690799	0.003016591	0.018853695
Q9Y5F2	514	PCDHB11	Protocadherin bet	663	1	663	0.042232278	0.007541478	0.024886878
Q9Y5F1	515	PCDHB12	Protocadherin bet	663	1	663	0.043740573	0.007541478	0.025641026
O75325	516	LRRN2	Leucine-rich repe	611	1	611	0.031096563	0.027823241	0.029459902
Q9H3W5	517	LRRN3	Leucine-rich repe	605	1	605	0.028099174	0.018181818	0.023140496
Q9H0U3	518	MAGT1	Magnesium transp	206	3	154	0.004854369	0.004854369	0.004854369
Q9UEW3	519	MARCO	Macrophage recep	455	1	455	0.035164835	0.079120879	0.057142857
O95255	520	ABCC6	ATP-binding cass	248	8	114	0	0.008064516	0.004032258
Q68D85	521	NCR3LG1	Natural cytotoxicit	237	1	237	0.071729958	0.033755274	0.052742616
P58181	522	OR10A3	Olfactory receptor	95	4	36	0.010526316	0.010526316	0.010526316
Q6IEV9	523	OR4C11	Olfactory receptor	88	4	36	0.034090909	0.011363636	0.022727273
Q8NGR5	524	OR1L4	Olfactory receptor	94	4	37	0.021276596	0.010638298	0.015957447
Q96R72	525	OR4K3	Olfactory receptor	90	4	36	0.066666667	0.011111111	0.038888889
Q8NH73	526	OR4S2	Olfactory receptor	88	4	36	0.022727273	0.011363636	0.017045455
Q8N146	527	OR8H3	Olfactory receptor	95	4	36	0.042105263	0	0.021052632
Q8NGG1	528	OR8J2	Olfactory receptor	91	4	40	0.065934066	0	0.032967033
Q8NH94	529	OR1L1	Olfactory receptor	142	4	74	0.028169014	0.028169014	0.028169014
P41586	530	ADCYAP1R1	Pituitary adenylat	185	4	134	0.032432432	0.027027027	0.02972973
P30559	531	OXTR	Oxytocin receptor	92	4	37	0.054347826	0.054347826	0.054347826
P32418	532	SLC8A1	Sodium/calcium e	74	6	38	0.040540541	0.027027027	0.033783784
P57103	533	SLC8A3	Sodium/calcium e	103	5	42	0.058252427	0.077669903	0.067961165
Q9Y5E6	534	PCDHB3	Protocadherin bet	663	1	663	0.033182504	0.006033183	0.019607843
Q9Y5F0	535	PCDHB13	Protocadherin bet	661	1	661	0.036308623	0.007564297	0.02193646
Q96AM1	536	MRGPRF	Mas-related G-pro	86	4	43	0	0.034883721	0.01744186
Q5SSG8	537	MUC21	Mucin-21 (MUC-2	454	1	454	0.579295154	0.588105727	0.583700441
Q9Y5G6	538	PCDHGA7	Protocadherin gar	663	1	663	0.036199095	0	0.018099548
Q9Y5G5	539	PCDHGA8	Protocadherin gar	662	1	662	0.03021148	0.00755287	0.018882175
Q96QE2	540	SLC2A13	Proton myo-inosit	152	6	93	0.052631579	0.032894737	0.042763158
Q92859	541	NEO1	Neogenin (Immun	1071	1	1071	0.055088702	0.025210084	0.040149393
P29371	542	TACR3	Neuromedin-K rec	136	4	83	0.080882353	0.095588235	0.088235294
P49279	543	SLC11A1	Natural resistance	91	6	41	0.032967033	0.021978022	0.027472527
Q9H205	544	OR2AG1	Olfactory receptor	92	4	36	0.032608696	0.02173913	0.027173913
Q8NG92	545	OR13H1	Olfactory receptor	95	4	36	0.021052632	0	0.010526316
Q8NHC4	546	OR10J5	Olfactory receptor	94	4	35	0.021276596	0.010638298	0.015957447
Q8NH48	547	OR5B3	Olfactory receptor	98	4	41	0.040816327	0.030612245	0.035714286
Q8NGP0	548	OR4C13	Olfactory receptor	88	4	36	0.056818182	0.022727273	0.039772727
Q8NGD4	549	OR4K1	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q15617	550	OR8G1	Olfactory receptor	95	4	36	0.105263158	0.021052632	0.063157895
Q8NGR4	551	OR5C1	Olfactory receptor	98	4	35	0.030612245	0.010204082	0.020408163
O95222	552	OR6A2	Olfactory receptor	99	4	35	0.03030303	0.02020202	0.025252525
O95006	553	OR2F2	Olfactory receptor	92	4	36	0.02173913	0.010869565	0.016304348
Q08174	554	PCDH1	Protocadherin-1 (	794	1	794	0.032745592	0.010075567	0.021410579
Q9Y5E2	555	PCDHB7	Protocadherin bet	661	1	661	0.037821483	0.012102874	0.024962179
O43614	556	HCRTR2	Orexin receptor ty	114	4	53	0.096491228	0.087719298	0.092105263
O14494	557	PLPP1	Phospholipid phos	81	3	48	0.012345679	0.012345679	0.012345679
Q9Y6C5	558	PTCH2	Protein patched h	656	5	313	0.013719512	0.006097561	0.009908537
Q9H244	559	P2RY12	P2Y purinoceptor	80	4	26	0.0875	0.075	0.08125
P98161	560	PKD1	Polycystin-1 (PC1	3357	6	3050	0.050938338	0.048257373	0.049597855
Q8N131	561	TMEM123	Porimin (Keratino	139	1	139	0.410071942	0.467625899	0.438848921
Q8NFJ5	562	GPRC5A	Retinoic acid-indu	77	4	32	0.064935065	0.038961039	0.051948052
Q01973	563	ROR1	Inactive tyrosine-p	376	1	376	0.039893617	0.010638298	0.025265957
Q9UQQ1	564	NAALADL1	Aminopeptidase N	711	1	711	0.033755274	0.032348805	0.033052039
P30989	565	NTSR1	Neurotensin recep	130	4	66	0.092307692	0.046153846	0.069230769
Q92823	566	NRCAM	Neuronal cell adh	1142	1	1142	0.049912434	0.025394046	0.03765324

Q9H344	567	OR51I2	Olfactory receptor	96	4	35	0.104166667	0	0.052083333
Q8NGP9	568	OR5AR1	Olfactory receptor	101	4	44	0.02970297	0.00990099	0.01980198
P51575	569	P2RX1	P2X purinoceptor	287	1	287	0.034843206	0.017421603	0.026132404
Q9BXB1	570	LGR4	Leucine-rich repe	567	4	519	0.031746032	0.028218695	0.029982363
Q9BTN0	571	LRFN3	Leucine-rich repe	522	1	522	0.053639847	0.04789272	0.050766284
Q8NGK6	572	OR52I1	Olfactory receptor	101	4	35	0.02970297	0.00990099	0.01980198
Q6IF82	573	OR4A47	Olfactory receptor	88	4	36	0.034090909	0.022727273	0.028409091
Q9Y5G0	574	PCDHGB5	Protocadherin gar	656	1	656	0.024390244	0.00152439	0.012957317
Q96LA9	575	MRGPRX4	Mas-related G-pro	76	4	30	0	0.065789474	0.032894737
Q9Y5P0	576	OR51B4	Olfactory receptor	94	4	35	0.021276596	0.010638298	0.015957447
Q6IF36	577	OR8G2P	Putative olfactory	94	4	40	0.053191489	0.021276596	0.037234043
Q9H1Y3	578	OPN3	Opsin-3 (Encepha	83	4	39	0.060240964	0.060240964	0.060240964
B2RN74	579	OR11H12	Olfactory receptor	103	4	43	0.058252427	0.019417476	0.038834951
Q8NGE0	580	OR10AD1	Olfactory receptor	95	4	36	0.042105263	0.010526316	0.026315789
Q9UGF5	581	OR14J1	Olfactory receptor	92	4	35	0.043478261	0.02173913	0.032608696
Q8NGL7	582	OR4P4	Olfactory receptor	88	4	36	0.045454545	0.022727273	0.034090909
Q8NH43	583	OR4L1	Olfactory receptor	90	4	36	0.055555556	0.022222222	0.038888889
Q8WZ84	584	OR8D1	Olfactory receptor	95	4	36	0.031578947	0.021052632	0.026315789
Q8NGP6	585	OR5M8	Olfactory receptor	93	4	35	0.021505376	0.010752688	0.016129032
Q8NGR2	586	OR1L6	Olfactory receptor	130	4	61	0.015384615	0.007692308	0.011538462
Q8NGS3	587	OR1J1	Olfactory receptor	93	4	37	0.021505376	0	0.010752688
Q8NH00	588	OR2T4	Olfactory receptor	124	4	56	0.14516129	0.040322581	0.092741935
Q8NGR6	589	OR1B1	Olfactory receptor	80	4	35	0.05	0.025	0.0375
Q8NGV0	590	OR2Y1	Olfactory receptor	91	4	35	0.032967033	0.021978022	0.027472527
Q12913	591	PTPRJ	Receptor-type tyr	939	1	939	0.118210863	0.056443024	0.087326944
Q96P65	592	QRFPR	Pyroglutamylated	108	4	45	0.037037037	0.055555556	0.046296296
Q9HCN3	593	PGAP6	Post-GPI attachm	532	4	510	0.045112782	0.037593985	0.041353383
Q15077	594	P2RY6	P2Y purinoceptor	93	4	28	0.064516129	0.064516129	0.064516129
P42261	595	GRIA1	Glutamate recept	691	2	517	0.024602026	0.013024602	0.018813314
O60487	596	MPZL2	Myelin protein zer	127	1	127	0.039370079	0.015748031	0.027559055
Q8NH60	597	OR52J3	Olfactory receptor	98	4	35	0.010204082	0.010204082	0.010204082
Q9Y4A9	598	OR10H1	Olfactory receptor	95	4	36	0.021052632	0.010526316	0.015789474
Q8NGS7	599	OR13C8	Olfactory receptor	101	4	36	0.02970297	0.00990099	0.01980198
Q8NHC7	600	OR14C36	Olfactory receptor	92	4	35	0.054347826	0.010869565	0.032608696
Q8IXE1	601	OR4N5	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q8NGE8	602	OR4D9	Olfactory receptor	90	4	36	0.033333333	0	0.016666667
Q13606	603	OR5I1	Olfactory receptor	96	4	35	0.041666667	0.020833333	0.03125
Q8NGB9	604	OR4F6	Olfactory receptor	90	4	36	0.022222222	0.011111111	0.016666667
Q8NGM8	605	OR6M1	Olfactory receptor	92	4	35	0.065217391	0.02173913	0.043478261
Q8NGD2	606	OR4K2	Olfactory receptor	90	4	36	0.022222222	0.011111111	0.016666667
Q8NGY6	607	OR6N2	Olfactory receptor	95	4	36	0.010526316	0.010526316	0.010526316
Q8NH49	608	OR4X1	Olfactory receptor	88	4	36	0.045454545	0.022727273	0.034090909
Q96R28	609	OR2M2	Olfactory receptor	92	4	36	0.086956522	0.02173913	0.054347826
Q9P2E7	610	PCDH10	Protocadherin-10	696	1	696	0.027298851	0.005747126	0.016522989
Q13258	611	PTGDR	Prostaglandin D2	95	4	26	0.042105263	0.031578947	0.036842105
Q9UN67	612	PCDHB10	Protocadherin bet	665	1	665	0.042105263	0.007518797	0.02481203
Q9BZA7	613	PCDH11X	Protocadherin-11	788	1	788	0.04822335	0.020304569	0.034263959
P22888	614	LHCGR	Lutropin-choriogo	387	4	336	0.03875969	0.054263566	0.046511628
Q8TF66	615	LRRC15	Leucine-rich repe	516	1	516	0.03875969	0.034883721	0.036821705
Q8NGH6	616	OR52L2P	Putative olfactory	114	4	42	0.00877193	0.00877193	0.00877193
P23467	617	PTPRB	Receptor-type tyr	1598	1	1598	0.056946183	0.035669587	0.046307885
P23469	618	PTPRE	Receptor-type tyr	26	1	26	0.384615385	0.384615385	0.384615385
Q96P68	619	OXGR1	2-oxoglutarate rec	106	4	33	0	0.047169811	0.023584906
Q96MS0	620	ROBO3	Roundabout homc	870	1	870	0.04137931	0.020689655	0.031034483
Q9UIK5	621	TMEFF2	Tomoregulin-2 (T	279	1	279	0.025089606	0.089605735	0.05734767
Q9UKU6	622	TRHDE	Thyrotropin-releas	962	1	962	0.029106029	0.022869023	0.025987526
Q6UXZ0	623	TMIGD1	Transmembrane a	190	1	190	0.042105263	0.026315789	0.034210526
Q9H3S3	624	TMPRSS5	Transmembrane p	386	1	386	0.028497409	0.049222798	0.038860104
Q8N614	625	TMEM156	Transmembrane p	185	1	185	0.059459459	0.07027027	0.064864865
Q7Z2W7	626	TRPM8	Transient recepto	141	3	107	0.021276596	0.007092199	0.014184397
Q6ZN44	627	UNC5A	Netrin receptor UI	280	1	280	0.021428571	0.010714286	0.016071429
Q9NYW2	628	TAS2R8	Taste receptor typ	52	4	31	0.019230769	0.019230769	0.019230769
Q9NX61	629	TMEM161A	Transmembrane p	148	5	69	0.006756757	0.006756757	0.006756757
A2VDJ0	630	TMEM131L	Transmembrane p	828	1	828	0.037439614	0.018115942	0.027777778
Q9NYV9	631	TAS2R13	Taste receptor typ	55	4	34	0.090909091	0.036363636	0.063636364
P59542	632	TAS2R19	Taste receptor typ	53	3	32	0.056603774	0.018867925	0.037735849
P34981	633	TRHR	Thyrotropin-releas	73	4	27	0.109589041	0.054794521	0.082191781
Q8NBM4	634	UBAC2	Ubiquitin-associat	71	2	55	0.014084507	0.014084507	0.014084507
A8MXK1	635	VSTM5	V-set and transme	118	1	118	0	0.025423729	0.012711864
Q01974	636	ROR2	Tyrosine-protein k	369	1	369	0.037940379	0.008130081	0.02303523
O75762	637	TRPA1	Transient recepto	44	4	23	0.090909091	0.045454545	0.068181818
P59536	638	TAS2R41	Taste receptor typ	72	4	32	0.013888889	0.013888889	0.013888889
P02786	639	TFRC	Transferrin recept	671	1	671	0.029806259	0.023845007	0.026825633
O75954	640	TSPAN9	Tetraspanin-9 (Ts	116	2	96	0.043103448	0.025862069	0.034482759
P43115	641	PTGER3	Prostaglandin E2 r	118	4	52	0.076271186	0.06779661	0.072033898
Q9Y336	642	SIGLEC9	Sialic acid-binding	330	1	330	0.084848485	0.033333333	0.059090909
Q9P0V8	643	SLAMF8	SLAM family mem	210	1	210	0.076190476	0.014285714	0.045238095
P40200	644	CD96	T-cell surface prot	497	1	497	0	0.084507042	0.042253521
P59543	645	TAS2R20	Taste receptor typ	55	4	31	0.072727273	0.054545455	0.063636364
Q14C87	646	TMEM132D	Transmembrane p	884	1	884	0.023755656	0.037330317	0.030542986
P0DSN6	647	TAS2R33	Putative taste rec	58	3	32	0.034482759	0.034482759	0.034482759
P37288	648	AVPR1A	Vasopressin V1a r	109	4	51	0.119266055	0.091743119	0.105504587
Q9BXS4	649	TMEM59	Transmembrane p	202	1	202	0.01980198	0.04950495	0.034653465
P36941	650	LTBR	Tumor necrosis fa	196	1	196	0.045918367	0.076530612	0.06122449
Q15035	651	TRAM2	Translocating cha	68	4	31	0.029411765	0.014705882	0.022058824
O75509	652	TNFRSF21	Tumor necrosis fa	307	1	307	0.094462541	0.19218241	0.143322476
Q9H0C3	653	TMEM117	Transmembrane p	146	4	77	0.034246575	0.034246575	0.034246575
Q9UL52	654	TMPRSS11E	Transmembrane p	382	1	382	0.039267016	0.031413613	0.035340314
Q8NER1	655	TRPV1	Transient recepto	77	3	58	0.025974026	0.038961039	0.032467532
Q6NUS8	656	UGT3A1	UDP-glucuronosy	460	1	460	0	0.004347826	0.002173913
Q9UBN6	657	TNFRSF10D	Tumor necrosis fa	155	1	155	0.090322581	0.167741935	0.129032258
Q9HAV5	658	EDA2R	Tumor necrosis fa	137	1	137	0.02919708	0.102189781	0.065693431
Q9BXR5	659	TLR10	Toll-like receptor	556	1	556	0.04676259	0.021582734	0.034172662
Q9Y2C9	660	TLR6	Toll-like receptor	554	1	554	0	0.023465704	0.011732852
P36897	661	TGFBR1	TGF-beta recepto	92	1	92	0	0.119565217	0.059782609
Q8N0Z9	662	VSIG10	V-set and immunc	382	1	382	0	0.036649215	0.018324607
P48039	663	MTNR1A	Melatonin recepto	80	4	28	0.05	0.05	0.05
Q9Y5H5	664	PCDHA9	Protocadherin alp	667	1	667	0.031484258	0.010494753	0.020989505
Q9ULB1	665	NRXN1	Neurexin-1 (Neur	1370	1	1370	0.035766423	0.052554745	0.044160584
Q8NGE2	666	OR2AP1	Olfactory receptor	90	4	36	0.077777778	0.033333333	0.055555556
Q9H2C5	667	OR52A5	Olfactory receptor	99	4	36	0.04040404	0.01010101	0.025252525
Q96GX1	668	TCTN2	Tectonic-2	642	1	642	0.046728972	0.031152648	0.03894081
Q9NS62	669	THSD1	Thrombospondin t	388	1	388	0.06185567	0.059278351	0.06056701
Q6P7N7	670	TMEM81	Transmembrane p	195	1	195	0.020512821	0.005128205	0.012820513
O14817	671	TSPAN4	Tetraspanin-4 (Ts	114	2	94	0.052631579	0.035087719	0.043859649
Q9NS68	672	TNFRSF19	Tumor necrosis fa	140	1	140	0.014285714	0.042857143	0.028571429
Q6ZP80	673	TMEM182	Transmembrane p	112	2	87	0.0625	0.035714286	0.049107143
P21754	674	ZP3	Zona pellucida spe	364	1	364	0.035714286	0.046703297	0.041208791
Q9UKP6	675	UTS2R	Urotensin-2 recep	97	4	53	0.134020619	0.154639175	0.144329897
Q96IQ7	676	VSIG2	V-set and immunc	219	1	219	0	0.02739726	0.01369863
Q86XK7	677	VSIG1	V-set and immunc	210	1	210	0	0.033333333	0.016666667
Q9BXE9	678	VN1R3	Vomeronasal type	72	4	35	0.027777778	0.027777778	0.027777778
Q9UPY5	679	SLC7A11	Cystine/glutamate	91	6	30	0.032967033	0.032967033	0.032967033
Q8TCW7	680	ZPLD1	Zona pellucida-lik	352	1	352	0.071022727	0.056818182	0.063920455

P19320	681	VCAM1	Vascular cell adhe	673	1	673	0.044576523	0.008915305	0.026745914
Q8NGC0	682	OR5AU1	Olfactory receptor	129	4	78	0.03875969	0.015503876	0.027131783
Q9UN71	683	PCDHGB4	Protocadherin gar	658	1	658	0.025835866	0.004559271	0.015197568
Q9UBL9	684	P2RX2	P2X purinoceptor	273	1	273	0.047619048	0.029304029	0.038461538
Q96FE7	685	PIK3IP1	Phosphoinositide-	146	1	146	0.047945205	0.095890411	0.071917808
P34995	686	PTGER1	Prostaglandin E2 r	81	4	34	0.098765432	0.111111111	0.104938272
P23470	687	PTPRG	Receptor-type tyr	716	1	716	0.083798883	0.107541899	0.095670391
O60896	688	RAMP3	Receptor activity-r	94	1	94	0.085106383	0.042553191	0.063829787
P07949	689	RET	Proto-oncogene ty	606	1	606	0	0.028052805	0.014026403
Q02094	690	RHAG	Ammonium transp	62	6	27	0.096774194	0.032258065	0.064516129
A6BM72	691	MEGF11	Multiple epiderma	828	1	828	0.038647343	0.080917874	0.059782609
O15438	692	ABCC3	ATP-binding cass	250	8	114	0	0.012	0.006
Q9UHC9	693	NPC1L1	NPC1-like intracel	823	7	271	0.038882139	0.034021871	0.036452005
P26717	694	KLRC2	NKG2-C type II int	137	1	137	0.04379562	0.00729927	0.025547445
O95436	695	SLC34A2	Sodium-depender	202	4	128	0.089108911	0.02970297	0.059405941
Q8NH70	696	OR4A16	Olfactory receptor	88	4	36	0.022727273	0.022727273	0.022727273
A6NDH6	697	OR5H15	Olfactory receptor	86	4	30	0.034883721	0.011627907	0.023255814
P0C7T3	698	OR56A5	Olfactory receptor	86	4	35	0.081395349	0.046511628	0.063953488
Q9H346	699	OR52D1	Olfactory receptor	100	4	35	0.06	0	0.03
Q9Y5F3	700	PCDHB1	Protocadherin bet	662	1	662	0.039274924	0.009063444	0.024169184
P43119	701	PTGIR	Prostacyclin recep	67	4	22	0.059701493	0.044776119	0.052238806
Q5VY43	702	PEAR1	Platelet endotheli	734	1	734	0.059945504	0.091280654	0.075613079
O00222	703	GRM8	Metabotropic glut	597	4	549	0.018425461	0.020100503	0.019262982
A6NM11	704	LRRC37A2	Leucine-rich repea	1546	1	1546	0.065329884	0.133247089	0.099288486
Q86UK5	705	EVC2	Limbin (Ellis-van (	273	1	273	0.043956044	0.021978022	0.032967033
Q8NGJ7	706	OR51A2	Olfactory receptor	98	4	35	0.051020408	0.010204082	0.030612245
Q8N271	707	PROM2	Prominin-2 (PROM	615	3	285	0.021138211	0.034146341	0.027642276
Q92932	708	PTPRN2	Receptor-type tyr	593	1	593	0.021922428	0.075885329	0.048903879
Q04671	709	OCA2	P protein (Melano	288	6	132	0.03125	0.038194444	0.034722222
Q8IVU1	710	IGDCC3	Immunoglobulin s	604	1	604	0.048013245	0.01986755	0.033940397
Q5DX21	711	IGSF11	Immunoglobulin s	218	1	218	0.055045872	0.009174312	0.032110092
Q8NFM7	712	IL17RD	Interleukin-17 rec	282	1	282	0.053191489	0.031914894	0.042553191
Q14953	713	KIR2DS5	Killer cell immuno	223	1	223	0.067264574	0.040358744	0.053811659
Q8IZU9	714	KIRREL3	Kin of IRRE-like pr	513	1	513	0.048732943	0.009746589	0.029239766
O94898	715	LRIG2	Leucine-rich repea	766	1	766	0.036553525	0.020887728	0.028720627
A6NND4	716	OR2AT4	Olfactory receptor	90	4	33	0.066666667	0.011111111	0.038888889
Q9UMZ3	717	PTPRQ	Phosphatidylinosi	1911	1	1911	0.076923077	0.038199895	0.057561486
P58182	718	OR12D2	Olfactory receptor	93	4	36	0.053763441	0.010752688	0.032258065
Q8NGY7	719	OR10J6P	Putative olfactory	94	4	35	0.053191489	0.021276596	0.037234043
Q8NH79	720	OR6X1	Olfactory receptor	93	4	36	0.032258065	0.010752688	0.021505376
Q8NGP3	721	OR5M9	Olfactory receptor	92	4	35	0.032608696	0.010869565	0.02173913
Q8NGV7	722	OR5H2	Olfactory receptor	89	4	32	0.02247191	0.011235955	0.016853933
O95918	723	OR2H2	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q96R48	724	OR2A5	Olfactory receptor	93	4	37	0.053763441	0.010752688	0.032258065
Q9UN70	725	PCDHGC3	Protocadherin gar	661	1	661	0.045385779	0.012102874	0.028744327
Q9Y5F7	726	PCDHGC4	Protocadherin gar	662	1	662	0.025679758	0.001510574	0.013595166
P43116	727	PTGER2	Prostaglandin E2 r	74	4	22	0.054054054	0.067567568	0.060810811
Q15262	728	PTPRK	Receptor-type tyr	725	1	725	0.046896552	0.028965517	0.037931034
Q9NZ94	729	NLGN3	Neuroligin-3 (Glio	671	1	671	0.031296572	0.035767511	0.033532042
Q12879	730	GRIN2A	Glutamate recepto	702	2	532	0.031339031	0.008547009	0.01994302
O60462	731	NRP2	Neuropilin-2 (Vas	843	1	843	0.039145907	0.033214709	0.036180308
Q8NGJ3	732	OR52E1	Olfactory receptor	95	4	35	0.052631579	0.010526316	0.031578947
Q8NGT0	733	OR13C9	Olfactory receptor	101	4	36	0.059405941	0.00990099	0.034653465
Q8NGC1	734	OR11G2	Olfactory receptor	132	4	61	0.03030303	0.015151515	0.022727273
Q8NGB2	735	OR4C5	Olfactory receptor	111	4	45	0.018018018	0.009009009	0.013513514
Q9NZQ7	736	CD274	Programmed cell c	219	1	219	0.04109589	0.03196347	0.03652968
O00398	737	P2RY10	Putative P2Y purir	95	4	38	0.073684211	0.105263158	0.089473684
P49683	738	PRLHR	Prolactin-releasin	111	4	61	0.108108108	0.135135135	0.121621622
P16471	739	PRLR	Prolactin receptor	209	1	209	0.04784689	0.014354067	0.031100478
Q6ISU1	740	PTCRA	Pre T-cell antigen	122	1	122	0.057377049	0.073770492	0.06557377
Q7Z7M0	741	MEGF8	Multiple epiderma	2619	1	2619	0.039327988	0.063764796	0.051546392
Q9Y5X5	742	NPFFR2	Neuropeptide FF r	210	4	146	0.028571429	0.104761905	0.066666667
Q92982	743	NINJ1	Ninjurin-1 (Nerve	89	2	79	0.06741573	0.06741573	0.06741573
Q8NA29	744	MFSD2A	Sodium-depender	179	6	74	0.083798883	0.016759777	0.05027933
P58400	745	NRXN1	Neurexin-1-beta (	345	1	345	0.063768116	0.089855072	0.076811594
Q8NH02	746	OR2T29	Olfactory receptor	96	4	36	0.052083333	0.020833333	0.036458333
Q8NGJ2	747	OR52H1	Olfactory receptor	104	4	35	0.048076923	0.019230769	0.033653846
Q8NGI8	748	OR5AN1	Olfactory receptor	101	4	41	0.03960396	0.00990099	0.024752475
Q8NGF1	749	OR52R1	Olfactory receptor	99	4	35	0.03030303	0.01010101	0.02020202
P41231	750	P2RY2	P2Y purinoceptor	85	4	31	0.058823529	0.047058824	0.052941176
P43630	751	KIR3DL2	Killer cell immuno	318	1	318	0.066037736	0.037735849	0.051886792
Q9NPC1	752	LTB4R2	Leukotriene B4 re	89	4	29	0.033707865	0.033707865	0.033707865
Q9Y561	753	LRP12	Low-density lipop	459	1	459	0	0.061002179	0.030501089
O75121	754	MFAP3L	Microfibrillar-asso	120	1	120	0.083333333	0.041666667	0.0625
Q5SR56	755	MFSD14B	Hippocampus abu	200	7	56	0.035	0.03	0.0325
P21757	756	MSR1	Macrophage scav	374	1	374	0.040106952	0.06684492	0.053475936
Q9H342	757	OR51J1	Olfactory receptor	68	4	30	0.029411765	0.014705882	0.022058824
Q86XR5	758	PRIMA1	Proline-rich membr	56	1	56	0.071428571	0.107142857	0.089285714
P10586	759	PTPRF	Receptor-type tyr	1233	1	1233	0.052716951	0.01784266	0.035279805
Q3MIW9	760	MUCL3	Mucin-like protein	418	1	418	0.377990431	0.301435407	0.339712919
Q01726	761	MC1R	Melanocyte-stimu	79	4	36	0.037974684	0.012658228	0.025316456
P13591	762	NCAM1	Neural cell adhesi	698	1	698	0.042979943	0.018624642	0.030802292
Q9HB89	763	NMUR1	Neuromedin-U rec	137	4	64	0.02919708	0.02919708	0.02919708
Q8NH61	764	OR51F2	Olfactory receptor	110	4	38	0.045454545	0.009090909	0.027272727
Q6IEY1	765	OR4F3;	Olfactory receptor	90	4	36	0.011111111	0.011111111	0.011111111
P04001	766	OPN1MW	Medium-wave-sen	96	4	51	0.072916667	0.104166667	0.088541667
Q8NGC6	767	OR4K17	Olfactory receptor	93	4	36	0.032258065	0.021505376	0.02688172
Q8NGW6	768	OR6K6	Olfactory receptor	122	4	52	0.032786885	0.008196721	0.020491803
Q8NH18	769	OR5J2	Olfactory receptor	94	4	35	0.031914894	0.010638298	0.021276596
Q9NZP2	770	OR6C2	Olfactory receptor	93	4	36	0.032258065	0.021505376	0.02688172
P34982	771	OR1D2	Olfactory receptor	92	4	37	0.02173913	0.02173913	0.02173913
P59922	772	OR2B8P	Putative olfactory	92	4	36	0.02173913	0.032608696	0.027173913
Q6IEU7	773	OR5M10	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
O76099	774	OR7C1	Olfactory receptor	95	4	36	0.052631579	0.010526316	0.031578947
Q8NGZ5	775	OR2G2	Olfactory receptor	95	4	36	0.021052632	0.010526316	0.015789474
Q8NH87	776	OR9G1	Olfactory receptor	94	4	36	0.031914894	0.010638298	0.021276596
Q96QZ0	777	PANX3	Pannexin-3	82	2	52	0.048780488	0	0.024390244
Q99572	778	P2RX7	P2X purinoceptor	287	1	287	0.027874564	0.038327526	0.033101045
P16284	779	PECAM1	Platelet endotheli	573	1	573	0.040139616	0.017452007	0.028795812
Q5FWE3	780	PRRT3	Proline-rich transr	490	4	446	0.065306122	0.118367347	0.091836735
Q13332	781	PTPRS	Receptor-type tyr	1252	1	1252	0.03913738	0.015175719	0.02715655
Q92729	782	PTPRU	Receptor-type tyr	730	1	730	0.042465753	0.020547945	0.031506849
P48357	783	LEPR	Leptin receptor (L	817	1	817	0.045287638	0.035495716	0.040391677
Q9UJQ1	784	LAMP5	Lysosome-associa	205	1	205	0.053658537	0.048780488	0.051219512
A6NHG9	785	OR5H14	Olfactory receptor	86	4	30	0.034883721	0.011627907	0.023255814
O95013	786	OR4F21	Olfactory receptor	90	4	36	0.011111111	0.011111111	0.011111111
Q8NH67	787	OR52I2	Olfactory receptor	127	4	54	0.023622047	0.015748031	0.019685039
Q8NH63	788	OR51H1	Olfactory receptor	99	4	35	0.04040404	0.01010101	0.025252525
Q6P1J6	789	PLB1	Phospholipase B1	1395	1	1395	0.028673835	0.034408602	0.031541219
Q969N4	790	TAAR8	Trace amine-asso	79	3	30	0.050632911	0.063291139	0.056962025
Q86VY9	791	TMEM200A	Transmembrane p	43	1	43	0.023255814	0.139534884	0.081395349
Q96RI8	792	TAAR6	Trace amine-asso	86	4	33	0.046511628	0.069767442	0.058139535
P57727	793	TMPRSS3	Transmembrane p	384	1	384	0.0078125	0.0078125	0.0078125
P35408	794	PTGER4	Prostaglandin E2 r	73	4	23	0.095890411	0.082191781	0.089041096

O00241	795	SIRPB1	Signal-regulatory	341	1	341	0.052785924	0.032258065	0.042521994
O43291	796	SPINT2	Kunitz-type prote	169	1	169	0.053254438	0.076923077	0.065088757
Q9NYW5	797	TAS2R4	Taste receptor typ	50	4	19	0.12	0.04	0.08
Q9NYW1	798	TAS2R9	Taste receptor typ	57	4	33	0.035087719	0.01754386	0.026315789
P13726	799	F3	Tissue factor (TF)	218	1	218	0.064220183	0.018348624	0.041284404
Q02763	800	TEK	Angiopoietin-1 re	725	1	725	0.026206897	0.024827586	0.025517241
P40238	801	MPL	Thrombopoietin re	465	1	465	0.047311828	0.03655914	0.041935484
P16473	802	TSHR	Thyrotropin recep	441	4	392	0.036281179	0.031746032	0.034013605
P30530	803	AXL	Tyrosine-protein k	425	1	425	0.056470588	0.030588235	0.043529412
Q8NGJ4	804	OR52E2	Olfactory receptor	98	4	35	0.020408163	0.010204082	0.015306122
Q96QU1	805	PCDH15	Protocadherin-15	1349	1	1349	0.034099333	0.010378058	0.022238695
Q9Y5H1	806	PCDHGA2	Protocadherin gar	663	1	663	0.034690799	0.006033183	0.020361991
Q8TAB3	807	PCDH19	Protocadherin-19	656	1	656	0.030487805	0.010670732	0.020579268
Q9H158	808	PCDHAC1	Protocadherin alp	664	1	664	0.028614458	0.009036145	0.018825301
Q6V1P9	809	DCHS2	Protocadherin-23	2918	1	2918	0.037354352	0.007882111	0.022618232
Q9UN72	810	PCDHA7	Protocadherin alp	667	1	667	0.062968516	0.008995502	0.035982009
Q9H1Z9	811	TSPAN10	Tetraspanin-10 (T	199	2	179	0.020100503	0.025125628	0.022613065
Q9BY10	812	SLC46A2	Thymic stromal co	76	6	33	0.052631579	0.092105263	0.072368421
Q6UXZ4	813	UNC5D	Netrin receptor UN	346	1	346	0.014450867	0.034682081	0.024566474
Q9NS40	814	KCNH7	Potassium voltage	68	4	43	0.014705882	0.014705882	0.014705882
P22001	815	KCNA3	Potassium voltage	93	3	40	0.075268817	0.010752688	0.043010753
Q8IWT6	816	LRRC8A	Volume-regulated	104	2	75	0.057692308	0.019230769	0.038461538
Q6PJG9	817	LRFN4	Leucine-rich repe	501	1	501	0.045908184	0.031936128	0.038922156
P0C6S8	818	LINGO3	Leucine-rich repe	506	1	506	0.04743083	0.045454545	0.046442688
Q12866	819	MERTK	Tyrosine-protein k	484	1	484	0.078512397	0.05785124	0.068181818
Q8TCW9	820	PROKR1	Prokineticin recep	135	4	61	0.081481481	0.081481481	0.081481481
Q12836	821	ZP4	Zona pellucida sp	486	1	486	0.051440329	0.028806584	0.040123457
Q8NGH9	822	OR52E4	Olfactory receptor	98	4	35	0.040816327	0.010204082	0.025510204
Q8NGX2	823	OR2T35	Olfactory receptor	93	4	36	0.053763441	0.010752688	0.032258065
Q6U736	824	OPN5	Opsin-5 (G-protei	83	4	32	0.024096386	0.024096386	0.024096386
Q5JRS4	825	OR10J3	Olfactory receptor	96	4	36	0.020833333	0.010416667	0.015625
Q8NGN0	826	OR4D5	Olfactory receptor	90	4	36	0.033333333	0.022222222	0.027777778
Q96R08	827	OR5B12	Olfactory receptor	92	4	35	0.054347826	0.02173913	0.038043478
P0C645	828	OR4E1	Olfactory receptor	103	4	43	0.058252427	0.009708738	0.033980583
P47890	829	OR1G1	Olfactory receptor	93	4	37	0.021505376	0.010752688	0.016129032
O76100	830	OR7A10	Olfactory receptor	95	4	36	0.052631579	0	0.026315789
A6NMS3	831	OR5K4	Olfactory receptor	95	4	44	0.021052632	0.010526316	0.015789474
Q96RD0	832	OR8B2	Olfactory receptor	94	4	36	0.021276596	0	0.010638298
Q8NGW1	833	OR6B3	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
Q8NH50	834	OR8K5	Olfactory receptor	95	4	36	0.042105263	0.021052632	0.031578947
Q8NGT5	835	OR9A2	Olfactory receptor	94	4	36	0.031914894	0.010638298	0.021276596
Q9GZK3	836	OR2B2	Olfactory receptor	92	4	36	0.032608696	0.010869565	0.02173913
Q8N349	837	OR2L13	Olfactory receptor	91	4	36	0.021978022	0.021978022	0.021978022
Q9Y5H8	838	PCDHA3	Protocadherin alp	667	1	667	0.047976012	0.008995502	0.028485757
Q9Y5H0	839	PCDHGA3	Protocadherin gar	662	1	662	0.033232628	0.006042296	0.019637462
Q9Y5I3	840	PCDHA1	Protocadherin alp	667	1	667	0.026986507	0.010494753	0.01874063
O14894	841	TM4SF5	Transmembrane 4	60	2	45	0.033333333	0.033333333	0.033333333
P59538	842	TAS2R31	Taste receptor typ	65	4	33	0.076923077	0.015384615	0.046153846
Q8N3G9	843	TMEM130	Transmembrane p	314	1	314	0.210191083	0.022292994	0.116242038
Q12999	844	TSPAN31	Tetraspanin-31 (T	89	2	79	0.08988764	0.011235955	0.050561798
Q7L0X0	845	TRIL	TLR4 interactor w	670	1	670	0.034328358	0.040298507	0.037313433
Q7Z5M5	846	TMC3	Transmembrane c	182	5	72	0.010989011	0.016483516	0.013736264
O95150	847	TNFSF15	Tumor necrosis fa	194	1	194	0.046391753	0.015463918	0.030927835
Q8NG11	848	TSPAN14	Tetraspanin-14 (T	140	2	118	0.007142857	0.028571429	0.017857143
Q8N9W7	849	0	Putative transmer	100	1	100	0.09	0.04	0.065
P35590	850	TIE1	Tyrosine-protein k	737	1	737	0.029850746	0.03256445	0.031207598
Q96DZ7	851	TM4SF19	Transmembrane 4	81	2	60	0.024691358	0	0.012345679
P30408	852	TM4SF1	Transmembrane 4	64	2	46	0.09375	0.046875	0.0703125
Q9P1P5	853	TAAR2	Trace amine-asso	101	4	47	0.03960396	0.079207921	0.059405941
O43193	854	MLNR	Motilin receptor (	131	4	67	0.06870229	0.053435115	0.061068702
A6NIJ9	855	OR6C70	Olfactory receptor	75	4	31	0.026666667	0	0.013333333
Q8N127	856	OR5AS1	Olfactory receptor	100	4	41	0.05	0.01	0.03
Q8NGS5	857	OR13C4	Olfactory receptor	101	4	36	0.01980198	0.00990099	0.014851485
Q8NHC5	858	OR14A16	Olfactory receptor	98	4	41	0.040816327	0.020408163	0.030612245
Q8NGI7	859	OR10V1	Olfactory receptor	96	4	36	0.052083333	0.010416667	0.03125
P01833	860	PIGR	Polymeric immunc	619	1	619	0.030694669	0.016155089	0.023424879
Q01118	861	SCN7A	Sodium channel p	298	16	78	0.026845638	0.026845638	0.026845638
Q96DU3	862	SLAMF6	SLAM family mem	204	1	204	0.058823529	0.039215686	0.049019608
Q9NQ25	863	SLAMF7	SLAM family mem	203	1	203	0.0591133	0.02955665	0.044334975
Q5VX71	864	SUSD4	Sushi domain-con	277	1	277	0.025270758	0.036101083	0.030685921
Q7L1I2	865	SV2B	Synaptic vesicle g	168	6	123	0.053571429	0.005952381	0.029761905
Q6UX71	866	PLXDC2	Plexin domain-co	423	1	423	0.070921986	0.075650118	0.073286052
Q16348	867	SLC15A2	Solute carrier fam	264	6	209	0.037878788	0.03030303	0.034090909
Q9NY91	868	SLC5A4	Solute carrier fam	237	5	88	0.033755274	0.021097046	0.02742616
Q8IWT1	869	SCN4B	Sodium channel s	131	1	131	0.030534351	0.022900763	0.026717557
Q6ZMJ2	870	SCARA5	Scavenger recepto	413	1	413	0.024213075	0.050847458	0.037530266
Q9BZG2	871	ACP4	Testicular acid ph	366	1	366	0.021857923	0.021857923	0.021857923
Q5R3F8	872	ELFN2	Protein phosphata	374	1	374	0.064171123	0.069518717	0.06684492
Q03431	873	PTH1R	Parathyroid hormo	232	4	161	0.034482759	0.068965517	0.051724138
Q5TEA6	874	SEL1L2	Protein sel-1 hom	638	1	638	0.014106583	0.010971787	0.012539185
P13866	875	SLC5A1	Sodium/glucose c	261	8	79	0.072796935	0.045977011	0.059386973
P31645	876	SLC6A4	Sodium-dependen	158	6	65	0.044303797	0.044303797	0.044303797
Q9NXL6	877	SIDT1	SID1 transmembr	365	6	289	0.035616438	0.032876712	0.034246575
Q13308	878	PTK7	Inactive tyrosine-p	673	1	673	0.041604755	0.017830609	0.029717682
O60939	879	SCN2B	Sodium channel s	129	1	129	0.03875969	0.031007752	0.034883721
Q08ET2	880	SIGLEC14	Sialic acid-binding	341	1	341	0.055718475	0.023460411	0.039589443
Q9NPD5	881	SLCO1B3	Solute carrier orga	246	6	111	0.113821138	0.044715447	0.079268293
Q96A28	882	SLAMF9	SLAM family mem	217	1	217	0.041474654	0.00921659	0.025345622
Q13326	883	SGCG	Gamma-sarcoglyc	232	1	232	0.025862069	0.012931034	0.019396552
Q496J9	884	SV2C	Synaptic vesicle g	164	5	119	0.06097561	0.018292683	0.039634146
Q7L0J3	885	SV2A	Synaptic vesicle g	174	6	129	0.040229885	0.011494253	0.025862069
P60508	886	ERVFRD-1	Syncytin-2 (Endog	462	1	462	0.073593074	0.043290043	0.058441558
P48230	887	TM4SF4	Transmembrane 4	57	2	43	0.035087719	0.035087719	0.035087719
O14804	888	TAAR5	Trace amine-asso	87	4	33	0.011494253	0.022988506	0.017241379
Q8IYL9	889	GPR65	Psychosine recep	84	4	29	0.047619048	0.035714286	0.041666667
Q4U2R8	890	SLC22A6	Solute carrier fam	133	6	104	0.097744361	0.060150376	0.078947368
Q8N695	891	SLC5A8	Sodium-coupled r	149	7	57	0.067114094	0.046979866	0.05704698
Q92854	892	SEMA4D	Semaphorin-4D (A	712	1	712	0.049157303	0.050561798	0.049859551
Q9P283	893	SEMA5B	Semaphorin-5B	1035	1	1035	0.030917874	0.083091787	0.057004831
Q53EL9	894	SEZ6	Seizure protein 6 l	905	1	905	0.077348066	0.102762431	0.090055249
P51168	895	SCNN1B	Amiloride-sensitiv	460	1	460	0.052173913	0.023913043	0.038043478
A6NMB1	896	SIGLEC16	Sialic acid-binding	417	1	417	0.055155875	0.033573141	0.044364508
Q9UQF0	897	ERVW-1	Syncytin-1 (Endog	422	1	422	0.066350711	0.066350711	0.066350711
Q8WWT9	898	SLC13A3	Solute carrier fam	147	6	34	0.06122449	0.020408163	0.040816327
Q2M3M2	899	SLC5A9	Sodium/glucose c	172	7	44	0.046511628	0.052325581	0.049418605
Q9Y345	900	SLC6A5	Sodium- and chlor	101	1	101	0.059405941	0.02970297	0.044554455
P34741	901	SDC2	Syndecan-2 (SYN	125	1	125	0.072	0.168	0.12
Q9H2E6	902	SEMA6A	Semaphorin-6A (S	630	1	630	0.041269841	0.047619048	0.044444444
O94933	903	SLITRK3	SLIT and NTRK-li	625	1	625	0.0608	0.0416	0.0512
Q9BZZ2	904	SIGLEC1	Sialoadhesin (Sia	1621	1	1621	0.054287477	0.017890191	0.036088834
P58743	905	SLC26A5	Prestin (Solute ca	108	6	30	0.027777778	0.018518519	0.023148148
Q9HBX9	906	RXFP1	Relaxin receptor 1	457	3	408	0.026258206	0.01750547	0.021881838
Q8TCC7	907	SLC22A8	Solute carrier fam	151	5	92	0.059602649	0.039735099	0.049668874
P41440	908	SLC19A1	Reduced folate tra	78	6	25	0.064102564	0.012820513	0.038461538

Q9HBV2	909 SPACA1	Sperm acrosome r	191	1	191	0.031413613	0.036649215	0.034031414
P31639	910 SLC5A2	Sodium/glucose c	240	5	88	0.025	0.020833333	0.022916667
Q92911	911 SLC5A5	Sodium/iodide co	146	7	59	0.04109589	0.075342466	0.058219178
Q1EHB4	912 SLC5A12	Sodium-coupled r	134	7	45	0.067164179	0.052238806	0.059701493
Q9H3T2	913 SEMA6C	Semaphorin-6C (S	579	1	579	0.025906736	0.029360967	0.027633851
O75056	914 SDC3	Syndecan-3 (SYN	386	1	386	0.310880829	0.204663212	0.257772021
Q9UPX0	915 IGSF9B	Protein turtle hom	701	1	701	0.062767475	0.012838802	0.037803138
P21731	916 TBXA2R	Thromboxane A2	84	4	28	0.05952381	0.071428571	0.06547619
P59535	917 TAS2R40	Taste receptor typ	67	4	27	0.089552239	0.014925373	0.052238806
Q15109	918 AGER	Advanced glycosy	319	1	319	0.053291536	0.006269592	0.029780564
Q9UN76	919 SLC6A14	Sodium- and chlo	103	1	103	0.067961165	0.087378641	0.077669903
P35499	920 SCN4A	Sodium channel p	341	16	118	0.052785924	0.029325513	0.041055718
Q6AZY7	921 SCARA3	Scavenger recepto	528	1	528	0.041666667	0.060606061	0.051136364
P30825	922 SLC7A1	High affinity catio	120	7	38	0.05	0.025	0.0375
Q99523	923 SORT1	Sortilin (100 kDa I	677	1	677	0.045790251	0.019202363	0.032496307
Q96LD1	924 SGCZ	Zeta-sarcoglycan	240	1	240	0	0.041666667	0.020833333
Q5JXA9	925 SIRPB2	Signal-regulatory	254	1	254	0.051181102	0.039370079	0.045275591
Q9BXA5	926 SUCNR1	Succinate recepto	103	4	29	0.038834951	0.019417476	0.029126214
A6NJZ3	927 OR6C65	Olfactory receptor	76	4	31	0.039473684	0.026315789	0.032894737
Q8NH01	928 OR2T11	Olfactory receptor	89	4	36	0.06741573	0.02247191	0.04494382
O15031	929 PLXNB2	Plexin-B2 (MM1)	1177	1	1177	0.034834325	0.018691589	0.026762957
Q9HCM2	930 PLXNA4	Plexin-A4	1213	1	1213	0.025556472	0.018961253	0.022258862
Q9UHI7	931 SLC23A1	Solute carrier fam	87	7	34	0.034482759	0.022988506	0.028735632
Q96N87	932 SLC6A18	Inactive sodium-d	213	6	87	0.03286385	0.018779343	0.025821596
P21583	933 KITLG	Kit ligand (Mast c	188	1	188	0.04787234	0.106382979	0.07712766
P51170	934 SCNN1G	Amiloride-sensitiv	464	1	464	0.030172414	0.023706897	0.026939655
P46721	935 SLCO1A2	Solute carrier orga	237	6	107	0.046413502	0.025316456	0.035864979
Q92629	936 SGCD	Delta-sarcoglycan	232	1	232	0.051724138	0.017241379	0.034482759
Q5TFQ8	937 SIRPB1	Signal-regulatory	341	1	341	0.082111437	0.049853372	0.065982405
Q8IYJ0	938 PIANP	PILR alpha-assoc	146	1	146	0.068493151	0.095890411	0.082191781
Q9ULL4	939 PLXNB3	Plexin-B3	1210	1	1210	0.023966942	0.021487603	0.022727273
O43490	940 PROM1	Prominin-1 (Antig	626	3	284	0.020766773	0.033546326	0.02715655
O15244	941 SLC22A2	Solute carrier fam	136	6	106	0.036764706	0.022058824	0.029411765
Q6T423	942 SLC22A25	Solute carrier fam	136	6	114	0.044117647	0.022058824	0.033088235
P48065	943 SLC6A12	Sodium- and chlo	72	1	72	0.111111111	0.055555556	0.083333333
Q6U841	944 SLC4A10	Sodium-driven chl	192	6	72	0.041666667	0.036458333	0.0390625
Q8NBS3	945 SLC4A11	Sodium bicarbona	57	1	57	0.105263158	0.175438596	0.140350877
A0PJK1	946 SLC5A10	Sodium/glucose c	128	7	42	0.09375	0.0859375	0.08984375
Q07837	947 SLC3A1	Neutral and basic	576	1	576	0.026041667	0.022569444	0.024305556
Q8NBJ9	948 SIDT2	SID1 transmembra	402	6	277	0.037313433	0.024875622	0.031094527
Q3SXP7	949 SHISAL1	Protein shisa-like-	71	1	71	0.070422535	0.070422535	0.070422535
Q9C0H2	950 TTYH3	Protein tweety ho	272	3	128	0.033088235	0.014705882	0.023897059
Q9UGT4	951 SUSD2	Sushi domain-con	757	1	757	0.06340819	0.043593131	0.053500661
P08912	952 CHRM5	Muscarinic acetyl	78	4	28	0.153846154	0.064102564	0.108974359
P28223	953 HTR2A	5-hydroxytryptami	121	4	74	0	0.066115702	0.033057851
P28221	954 HTR1D	5-hydroxytryptami	75	4	37	0	0.12	0.06
Q9BY15	955 ADGRE3	Adhesion G protei	363	4	335	0.066115702	0.074380165	0.070247934
P20023	956 CR2	Complement recep	950	1	950	0.044210526	0.077894737	0.061052632
Q96D31	957 ORAI1	Calcium release-a	52	2	39	0.134615385	0.096153846	0.115384615
P35462	958 DRD3	D(3) dopamine re	76	4	31	0	0.105263158	0.052631579
O75388	959 GPR32	Probable G-protei	118	4	43	0.042372881	0.06779661	0.055084746
Q9UPC5	960 GPR34	Probable G-protei	120	4	60	0.158333333	0.175	0.166666667
Q9HC97	961 GPR35	G-protein coupled	70	4	23	0	0.042857143	0.021428571
O15354	962 GPR37	Prosaposin recept	310	4	238	0.103225806	0.093548387	0.098387097
O43194	963 GPR39	G-protein coupled	113	4	44	0	0.115044248	0.057522124
P46089	964 GPR3	G-protein coupled	80	4	41	0	0.0625	0.03125
O15529	965 GPR42	G-protein coupled	77	4	24	0	0.025974026	0.012987013
Q9Y5Y3	966 GPR45	Probable G-protei	91	4	37	0.087912088	0.098901099	0.093406593
P46093	967 GPR4	G-protein coupled	71	4	24	0	0.028169014	0.014084507
Q9Y2T5	968 GPR52	G-protein coupled	81	4	43	0	0.111111111	0.055555556
Q9Y2T6	969 GPR55	G-protein coupled	73	4	21	0	0.068493151	0.034246575
Q9BZJ8	970 GPR61	G-protein coupled	96	4	43	0	0.114583333	0.057291667
P12821	971 ACE	Angiotensin-conv	1226	1	1226	0.017944535	0.015497553	0.016721044
Q9BXJ7	972 AMN	Protein amnionles	337	1	337	0.005934718	0.011869436	0.008902077
O43306	973 ADCY6	Adenylate cyclase	59	1	59	0.169491525	0.016949153	0.093220339
Q86SQ3	974 ADGRE4P	Putative adhesion	202	4	175	0.024752475	0.044554455	0.034653465
Q32M45	975 ANO4	Anoctamin-4 (Tra	515	5	351	0.017475728	0.011650485	0.014563107
Q6UW56	976 ATRAID	All-trans retinoic a	168	1	168	0	0.023809524	0.011904762
O95180	977 CACNA1H	Voltage-depende	433	12	140	0.011547344	0.009237875	0.01039261
P33151	978 CDH5	Cadherin-5 (7B4 a	551	1	551	0.045372051	0.012704174	0.029038113
O43570	979 CA12	Carbonic anhydra	276	1	276	0.032608696	0.028985507	0.030797101
P08962	980 CD63	CD63 antigen (Gr	118	2	100	0.050847458	0.059322034	0.055084746
P11912	981 CD79A	B-cell antigen rec	110	1	110	0	0.054545455	0.027272727
A0A087X1C5	982 CYP2D7	Putative cytochro	193	2	192	0	0	0
P21709	983 EPHA1	Ephrin type-A rec	521	1	521	0.044145873	0.046065259	0.045105566
Q5JZY3	984 EPHA10	Ephrin type-A rec	531	1	531	0.054613936	0.047080979	0.050847458
P54753	985 EPHB3	Ephrin type-B rec	525	1	525	0.125714286	0.034285714	0.08
O60883	986 GPR37L1	G-protein coupled	176	4	108	0	0.034090909	0.017045455
Q9BY21	987 GPR87	G-protein coupled	111	4	46	0	0.054054054	0.027027027
Q8TDU6	988 GPBAR1	G-protein coupled	60	4	18	0	0.116666667	0.058333333
Q13255	989 GRM1	Metabotropic glut	609	4	573	0.016420361	0.009852217	0.013136289
Q8N743	990 KIR3DL3	Killer cell immuno	296	1	296	0.047297297	0.016891892	0.032094595
Q9UL51	991 HCN2	Potassium/sodiur	36	4	22	0.027777778	0.027777778	0.027777778
Q9NY64	992 SLC2A8	Solute carrier fam	88	6	26	0.022727273	0.068181818	0.045454545
P01889	993 HLA-B	HLA class I histoc	284	1	284	0.021126761	0.01056338	0.01584507
Q8N6C5	994 IGSF1	Immunoglobulin s	1244	2	755	0.038585209	0.024919614	0.031752412
Q9UHX3	995 ADGRE2	Adhesion G protei	550	4	516	0.045454545	0.045454545	0.045454545
P78325	996 ADAM8	Disintegrin and m	638	1	638	0.026645768	0.028213166	0.027429467
Q8WVV5	997 BTN2A2	Butyrophilin subfa	232	1	232	0.034482759	0.012931034	0.023706897
P78410	998 BTN3A2	Butyrophilin subfa	218	1	218	0.018348624	0.004587156	0.01146789
Q9UBN1	999 CACNG4	Voltage-depende	104	2	76	0.048076923	0.019230769	0.033653846
P19440	1000 GGT1	Glutathione hydro	542	1	542	0.044280443	0.014760148	0.029520295
P60893	1001 GPR85	Probable G-protei	75	4	29	0.08	0.053333333	0.066666667
Q9NZH0	1002 GPRC5B	G-protein coupled	67	4	27	0	0.029850746	0.014925373
Q02413	1003 DSG1	Desmoglein-1 (Ca	498	1	498	0.108433735	0.010040161	0.059236948
P21728	1004 DRD1	D(1A) dopamine r	70	4	28	0	0.1	0.05
B6SEH8	1005 ERVV-1	Endogenous retro	299	1	299	0.08361204	0.076923077	0.080267559
P54762	1006 EPHB1	Ephrin type-B rec	522	1	522	0.04789272	0.040229885	0.044061303
P29323	1007 EPHB2	Ephrin type-B rec	524	1	524	0.053435115	0.030534351	0.041984733
O15552	1008 FFAR2	Free fatty acid rec	71	4	25	0.028169014	0.028169014	0.028169014
P23945	1009 FSHR	Follicle-stimulatin	398	4	348	0.012562814	0.037688442	0.025125628
Q8N1C3	1010 GABRG1	Gamma-aminobut	236	1	236	0.021186441	0.012711864	0.016949153
Q9BXC1	1011 GPR174	Probable G-protei	84	4	26	0.047619048	0.023809524	0.035714286
Q08334	1012 IL10RB	Interleukin-10 rec	200	1	200	0.035	0.02	0.0275
Q8NAC3	1013 IL17RC	Interleukin-17 rec	517	1	517	0.02901354	0.03868472	0.03384913
P26951	1014 IL3RA	Interleukin-3 rece	286	1	286	0.031468531	0.020979021	0.026223776
Q9UKX5	1015 ITGA11	Integrin alpha-11	1118	1	1118	0.030411449	0.02236136	0.026386404
P11215	1016 ITGAM	Integrin alpha-M (	1087	1	1087	0.036798528	0.031278749	0.034038638
Q6UXV1	1017 IZUMO2	Izumo sperm-egg	165	1	165	0.012121212	0.006060606	0.009090909
P18084	1018 ITGB5	Integrin beta-5	695	1	695	0.014388489	0.041726619	0.028057554
P48551	1019 IFNAR2	Interferon alpha/b	216	1	216	0.037037037	0.027777778	0.032407407
P29275	1020 ADORA2B	Adenosine recepto	57	4	33	0.070175439	0.035087719	0.052631579
Q75V66	1021 ANO5	Anoctamin-5 (Gna	266	4	100	0.07518797	0.033834586	0.054511278
P10966	1022 CD8B	T-cell surface glyc	148	1	148	0	0.047297297	0.023648649

P54764	1023 EPHA4	Ephrin type-A rece	527	1	527	0.028462998	0.024667932	0.026565465
P54756	1024 EPHA5	Ephrin type-A rece	548	1	548	0.02919708	0.038321168	0.033759124
Q8N441	1025 FGFRL1	Fibroblast growth	353	1	353	0.056657224	0.036827195	0.04674221
Q96PJ5	1026 FCRL4	Fc receptor-like pr	367	1	367	0.032697548	0.010899183	0.021798365
P10912	1027 GHR	Growth hormone r	245	1	245	0.040816327	0.044897959	0.042857143
P47869	1028 GABRA2	Gamma-aminobut	222	1	222	0.054054054	0.013513514	0.033783784
Q6UXV0	1029 GFRAL	GDNF family rece	332	1	332	0.024096386	0.039156627	0.031626506
P13224	1030 GP1BB	Platelet glycoprot	120	1	120	0.05	0.025	0.0375
P11230	1031 CHRNB1	Acetylcholine rece	220	1	220	0.009090909	0.004545455	0.006818182
Q15758	1032 SLC1A5	Neutral amino aci	126	5	70	0.055555556	0.079365079	0.067460317
Q16570	1033 ACKR1	Atypical chemokin	114	4	62	0.052631579	0.01754386	0.035087719
O00590	1034 ACKR2	Atypical chemokin	107	4	49	0.074766355	0.065420561	0.070093458
P41595	1035 HTR2B	5-hydroxytryptami	107	4	55	0	0.08411215	0.042056075
Q8N3J6	1036 CADM2	Cell adhesion mol	342	1	342	0.078947368	0.040935673	0.05994152
P20273	1037 CD22	B-cell receptor CD	667	1	667	0	0.016491754	0.008245877
Q8IWA5	1038 SLC44A2	Choline transporte	339	5	177	0.020648968	0.029498525	0.025073746
P01903	1039 HLA-DRA	HLA class II histoc	190	1	190	0.047368421	0.036842105	0.042105263
P61565	1040 ERVK-21	Endogenous retro	542	1	542	0.036900369	0.016605166	0.026752768
P47211	1041 GALR1	Galanin receptor t	80	4	35	0.05	0.05	0.05
Q9BWV1	1042 BOC	Brother of CDO (P	824	1	824	0.053398058	0.033980583	0.04368932
Q9UJ99	1043 CDH22	Cadherin-22 (Pitu	588	1	588	0.197278912	0.005102041	0.101190476
P55283	1044 CDH4	Cadherin-4 (Retin	564	1	564	0.042553191	0.010638298	0.026595745
Q7Z692	1045 CEACAM19	Carcinoembryonic	124	1	124	0.048387097	0.008064516	0.028225806
O94985	1046 CLSTN1	Calsyntenin-1 (Alc	830	1	830	0.025301205	0.006024096	0.015662651
Q14118	1047 DAG1	Dystroglycan (Dys	95	1	95	0.073684211	0.031578947	0.052631579
Q1HG44	1048 DUOXA2	Dual oxidase matu	144	3	105	0.0625	0.020833333	0.041666667
Q9NQ84	1049 GPRC5C	G-protein coupled	86	4	31	0	0.011627907	0.005813953
Q14833	1050 GRM4	Metabotropic glut	605	4	554	0.036363636	0.016528926	0.026446281
Q9H222	1051 ABCG5	ATP-binding cass	99	3	73	0	0.03030303	0.015151515
O60242	1052 ADGRB3	Adhesion G protei	887	4	855	0.03945885	0.06313416	0.051296505
Q8IZP9	1053 ADGRG2	Adhesion G-prote	624	4	589	0.094551282	0.099358974	0.096955128
P35368	1054 ADRA1B	Alpha-1B adrener	75	4	44	0.133333333	0.133333333	0.133333333
P14415	1055 ATP1B2	Sodium/potassiur	222	1	222	0.040540541	0.036036036	0.038288288
P78348	1056 ASIC1	Acid-sensing ion c	357	1	357	0.014005602	0.008403361	0.011204482
Q13705	1057 ACVR2B	Activin receptor ty	118	1	118	0.050847458	0.016949153	0.033898305
P36894	1058 BMPR1A	Bone morphogene	128	1	128	0.015625	0.046875	0.03125
Q13698	1059 CACNA1S	Voltage-depende	315	16	60	0.028571429	0.012698413	0.020634921
Q9NR16	1060 CD163L1	Scavenger recept	1318	1	1318	0.005311077	0.018968134	0.012139605
Q6ZS10	1061 CLEC17A	C-type lectin doma	184	1	184	0	0.016304348	0.008152174
Q15760	1062 GPR19	Probable G-protei	114	4	68	0.052631579	0.078947368	0.065789474
Q14CZ8	1063 HEPACAM	Hepatocyte cell ac	206	1	206	0.077669903	0.038834951	0.058252427
Q92838	1064 EDA	Ectodysplasin-A (I	328	1	328	0.036585366	0.085365854	0.06097561
Q8TDQ0	1065 HAVCR2	Hepatitis A virus c	180	1	180	0.055555556	0.072222222	0.063888889
Q13261	1066 IL15RA	Interleukin-15 rec	174	1	174	0.206896552	0.206896552	0.206896552
Q13651	1067 IL10RA	Interleukin-10 rec	213	1	213	0.061032864	0.028169014	0.044600939
Q5SQ64	1068 LY6G6F	Lymphocyte antig	218	1	218	0.013761468	0.009174312	0.01146789
Q9HBG7	1069 LY9	T-lymphocyte surf	406	1	406	0	0.036945813	0.018472906
P14151	1070 SELL	L-selectin (CD62 a	293	1	293	0	0.027303754	0.013651877
P16581	1071 SELE	E-selectin (CD62 a	534	1	534	0	0.050561798	0.025280899
Q13477	1072 MADCAM1	Mucosal addressin	298	1	298	0.117449664	0.093959732	0.105704698
P16410	1073 CTLA4	Cytotoxic T-lymph	125	1	125	0.048	0.016	0.032
Q9Y4D2	1074 DAGLA	Diacylglycerol lipa	29	2	16	0.034482759	0.034482759	0.034482759
P58658	1075 EVA1C	Protein eva-1 hon	273	1	273	0.018315018	0.021978022	0.02014652
Q9NZU1	1076 FLRT1	Leucine-rich repea	503	1	503	0.047713718	0.039761431	0.043737575
O00144	1077 FZD9	Frizzled-9 (Fz-9) (	295	4	206	0.033898305	0.020338983	0.027118644
Q9NPG1	1078 FZD3	Frizzled-3 (Fz-3) (	270	4	182	0.025925926	0.011111111	0.018518519
Q14330	1079 GPR18	N-arachidonyl gly	87	4	31	0	0.045977011	0.022988506
Q9UJ42	1080 GPR160	Probable G-protei	56	4	22	0.035714286	0.053571429	0.044642857
Q9H3N8	1081 HRH4	Histamine H4 rece	65	4	19	0.092307692	0.092307692	0.092307692
Q9HB29	1082 IL1RL2	Interleukin-1 rece	315	1	315	0.050793651	0.025396825	0.038095238
Q9NP60	1083 IL1RAPL2	X-linked interleuki	337	1	337	0	0.017804154	0.008902077
Q6UXC1	1084 MAMDC4	Apical endosomal	1128	1	1128	0.034574468	0.029255319	0.031914894
Q9NQ90	1085 ANO2	Anoctamin-2 (Tra	256	4	103	0.03515625	0.03515625	0.03515625
O94778	1086 AQP8	Aquaporin-8 (AQP	76	3	27	0.026315789	0.026315789	0.026315789
P34972	1087 CNR2	Cannabinoid rece	69	4	32	0.028985507	0.014492754	0.02173913
Q10589	1088 BST2	Bone marrow stro	112	1	112	0.026785714	0.044642857	0.035714286
Q96KV6	1089 BTN2A3P	Putative butyroph	218	1	218	0.036697248	0.032110092	0.03440367
Q13873	1090 BMPR2	Bone morphogene	123	1	123	0.089430894	0.024390244	0.056910569
O43497	1091 CACNA1G	Voltage-depende	416	12	135	0.052884615	0.021634615	0.037259615
A6NJW9	1092 CD8B2	T-cell surface glyc	151	1	151	0	0.039735099	0.01986755
P30203	1093 CD6	T-cell differentiati	384	1	384	0	0.0390625	0.01953125
Q9NYQ6	1094 CELSR1	Cadherin EGF LAG	2474	4	2447	0.078415521	0.030315279	0.0543654
P32248	1095 CCR7	C-C chemokine re	97	4	34	0	0.051546392	0.025773196
Q9HBJ8	1096 CLTRN	Collectrin (Transm	126	1	126	0.03968254	0.015873016	0.027777778
Q86SJ2	1097 AMIGO2	Amphoterin-induc	358	1	358	0.036312849	0.033519553	0.034916201
Q86SQ4	1098 ADGRG6	Adhesion G-prote	861	4	824	0.059233449	0.041811847	0.050522648
Q9H2U9	1099 ADAM7	Disintegrin and me	649	1	649	0.018489985	0.024653313	0.021571649
O75077	1100 ADAM23	Disintegrin and me	505	1	505	0.023762376	0.021782178	0.022772277
Q16515	1101 ASIC2	Acid-sensing ion c	368	1	368	0.048913043	0.008152174	0.028532609
Q86T13	1102 CLEC14A	C-type lectin doma	375	1	375	0	0.069333333	0.034666667
Q8WXI8	1103 CLEC4D	C-type lectin doma	176	1	176	0	0.017045455	0.008522727
P50895	1104 BCAM	Basal cell adhesio	515	1	515	0.048543689	0.013592233	0.031067961
Q8IVY1	1105 C1orf210	Type III endosome	28	1	28	0.285714286	0.214285714	0.25
A0ZSE6	1106 TMEM30CP	Cell cycle control p	57	1	57	0.070175439	0.035087719	0.052631579
Q16602	1107 CALCRL	Calcitonin gene-re	168	4	123	0.023809524	0.029761905	0.026785714
Q12864	1108 CDH17	Cadherin-17 (Inte	764	1	764	0.062827225	0.011780105	0.037303665
P01730	1109 CD4	T-cell surface glyc	370	1	370	0	0.013513514	0.006756757
Q6ZTQ4	1110 CDHR3	Cadherin-related f	693	1	693	0.041847042	0.017316017	0.02958153
Q6NUJ2	1111 C11orf87	Uncharacterized p	37	1	37	0.108108108	0.108108108	0.108108108
Q9UGM1	1112 CHRNA9	Neuronal acetylch	211	1	211	0.028436019	0.009478673	0.018957346
Q14246	1113 ADGRE1	Adhesion G protei	616	4	578	0.058441558	0.081168831	0.069805195
Q96PE1	1114 ADGRA2	Adhesion G protei	762	4	737	0.034120735	0.039370079	0.036745407
P35414	1115 APLNR	Apelin receptor (A	78	4	33	0.051282051	0.025641026	0.038461538
P54709	1116 ATP1B3	Sodium/potassiur	222	1	222	0.027027027	0.009009009	0.018018018
Q86TY3	1117 ARMH4	Armadillo-like heli	686	1	686	0.06851312	0.209912536	0.139212828
Q5VV63	1118 ATRNL1	Attractin-like prot	1177	1	1177	0.032285472	0.053525913	0.042905692
Q6UX41	1119 BTNL8	Butyrophilin-like p	220	1	220	0.009090909	0.004545455	0.006818182
P04920	1120 SLC4A2	Anion exchange p	52	1	52	0.096153846	0.115384615	0.105769231
O00555	1121 CACNA1A	Voltage-depende	374	12	86	0.024064171	0.010695187	0.017379679
Q8NFZ8	1122 CADM4	Cell adhesion mol	303	1	303	0.0330033	0.01320132	0.02310231
P20138	1123 CD33	Myeloid cell surfa	241	1	241	0.099585062	0.033195021	0.066390041
Q9BUF7	1124 CRB3	Protein crumbs ho	32	1	32	1.09375	0.40625	0.75
P08173	1125 CHRM4	Muscarinic acetyl	80	4	30	0.05	0.125	0.0875
Q9H172	1126 ABCG4	ATP-binding cass	82	3	63	0	0	0
Q9H221	1127 ABCG8	ATP-binding cass	79	3	62	0	0.025316456	0.012658228
P30939	1128 HTR1F	5-hydroxytryptami	74	4	28	0	0.027027027	0.013513514
P28335	1129 HTR2C	5-hydroxytryptami	68	4	19	0	0.073529412	0.036764706
P28566	1130 HTR1E	5-hydroxytryptami	62	4	21	0	0.112903226	0.056451613
Q01718	1131 MC2R	Adrenocorticotrop	68	4	24	0.073529412	0.029411765	0.051470588
P07307	1132 ASGR2	Asialoglycoproteir	231	1	231	0.060606061	0.047619048	0.054112554
Q9ULY5	1133 CLEC4E	C-type lectin doma	178	1	178	0	0.016853933	0.008426966
Q8N1N0	1134 CLEC4F	C-type lectin doma	528	1	528	0	0.075757576	0.037878788
Q6UXB4	1135 CLEC4G	C-type lectin doma	240	1	240	0	0.0375	0.01875
Q9BZ76	1136 CNTNAP3	Contactin-associa	1219	1	1219	0.037735849	0.034454471	0.03609516

P52569	1137	SLC7A2	Cationic amino ac	120	7	37	0.058333333	0.05	0.054166667
O60503	1138	ADCY9	Adenylate cyclase	89	6	33	0.101123596	0.04494382	0.073033708
P13945	1139	ADRB3	Beta-3 adrenergic	89	4	35	0.101123596	0.078651685	0.08988764
Q9H6X2	1140	ANTXR1	Anthrax toxin rece	288	1	288	0.173611111	0.010416667	0.092013889
Q9H2X3	1141	CLEC4M	C-type lectin dom	328	1	328	0	0.012195122	0.006097561
Q9NY25	1142	CLEC5A	C-type lectin dom	160	1	160	0	0.025	0.0125
Q6EIG7	1143	CLEC6A	C-type lectin dom	167	1	167	0	0.005988024	0.002994012
Q9BXN2	1144	CLEC7A	C-type lectin dom	181	1	181	0	0	0
Q6UXN8	1145	CLEC9A	C-type lectin dom	184	1	184	0	0.016304348	0.008152174
P78357	1146	CNTNAP1	Contactin-associa	1263	1	1263	0.026128266	0.026128266	0.026128266
Q9UQC9	1147	CLCA2	Calcium-activated	869	1	869	0.048331415	0.025316456	0.036823936
Q9UHC6	1148	CNTNAP2	Contactin-associa	1234	1	1234	0.027552674	0.025931929	0.026742301
O95727	1149	CRTAM	Cytotoxic and regu	269	1	269	0.092936803	0.05204461	0.072490706
P27037	1150	ACVR2A	Activin receptor ty	115	1	115	0.043478261	0.034782609	0.039130435
Q16790	1151	CA9	Carbonic anhydras	376	1	376	0.013297872	0.029255319	0.021276596
P12830	1152	CDH1	Cadherin-1 (CAM	554	1	554	0.081227437	0.003610108	0.042418773
P29965	1153	CD40LG	CD40 ligand (CD4	214	1	214	0.023364486	0.004672897	0.014018692
Q496F6	1154	CD300E	CMRF35-like mole	155	1	155	0.064516129	0.058064516	0.061290323
P02708	1155	CHRNA1	Acetylcholine rece	234	1	234	0.025641026	0	0.012820513
Q8NFM4	1156	ADCY4	Adenylate cyclase	26	1	26	0.076923077	0.076923077	0.076923077
P58335	1157	ANTXR2	Anthrax toxin rece	284	1	284	0.073943662	0.007042254	0.040492958
Q6UVW9	1158	CLEC2A	C-type lectin dom	125	1	125	0	0.032	0.016
Q9UMR7	1159	CLEC4A	C-type lectin dom	167	1	167	0	0.02994012	0.01497006
Q9UIR0	1160	BTNL2	Butyrophilin-like p	431	1	431	0.018561485	0.006960557	0.012761021
P48509	1161	CD151	CD151 antigen (G	125	2	108	0.016	0.04	0.028
P30542	1162	ADORA1	Adenosine recepto	55	4	29	0.072727273	0.036363636	0.054545455
Q6QNK2	1163	ADGRD1	Adhesion G-prote	570	4	544	0.061403509	0.043859649	0.052631579
Q8IZF6	1164	ADGRG4	Adhesion G-prote	2741	4	2713	0.194819409	0.27800073	0.236410069
O95490	1165	ADGRL2	Adhesion G protei	849	4	825	0.047114252	0.044758539	0.045936396
P51693	1166	APLP1	Amyloid-like prote	541	1	541	0.029574861	0.057301294	0.043438078
P41181	1167	AQP2	Aquaporin-2 (AQF	36	4	19	0.055555556	0.027777778	0.041666667
P15144	1168	ANPEP	Aminopeptidase N	934	1	934	0.043897216	0.028907923	0.03640257
Q8IZS8	1169	CACNA2D3	Voltage-depende	1039	1	1039	0.024061598	0.013474495	0.018768046
Q01668	1170	CACNA1D	Voltage-depende	413	12	89	0.024213075	0.007263923	0.015738499
Q5VU97	1171	CACHD1	VWFA and cache	1059	1	1059	0.037771483	0.017941454	0.027856468
P55286	1172	CDH8	Cadherin-8	559	1	559	0.177101968	0.008944544	0.093023256
P33681	1173	CD80	T-lymphocyte acti	207	1	207	0	0.033816425	0.016908213
P06127	1174	CD5	T-cell surface glyc	347	1	347	0	0.037463977	0.018731988
P15391	1175	CD19	B-lymphocyte anti	271	1	271	0	0.040590406	0.020295203
Q9UHN6	1176	CEMIP2	Cell surface hyalu	1279	1	1279	0.077404222	0.017200938	0.04730258
O00421	1177	CCRL2	C-C chemokine re	108	4	42	0	0.018518519	0.009259259
Q2HXU8	1178	CLEC12B	C-type lectin dom	211	1	211	0	0.018957346	0.009478673
Q96NU0	1179	CNTNAP3B	Contactin-associa	1219	1	1219	0.03609516	0.032813782	0.034454471
P05538	1180	HLA-DQB2	HLA class II histo	196	1	196	0.051020408	0.020408163	0.035714286
Q9UJ71	1181	CD207	C-type lectin dom	263	1	263	0	0.02661597	0.013307985
Q9C0A0	1182	CNTNAP4	Contactin-associa	1215	1	1215	0.037037037	0.03127572	0.034156379
Q8WYK1	1183	CNTNAP5	Contactin-associa	1212	1	1212	0.042079208	0.031353135	0.036716172
Q8N608	1184	DPP10	Inactive dipeptidy	740	1	740	0.027027027	0.02027027	0.023648649
P27487	1185	DPP4	Dipeptidyl peptida	737	1	737	0.043419267	0.02578019	0.034599729
Q9NRD9	1186	DUOX1	Dual oxidase 1 (EI	604	3	574	0.026490066	0.033112583	0.029801325
Q9NRD8	1187	DUOX2	Dual oxidase 2 (EI	621	3	575	0.01610306	0.022544283	0.019323671
Q96PZ7	1188	CSMD1	CUB and sushi do	3460	1	3460	0.044508671	0.065028902	0.054768786
Q9HC73	1189	CRLF2	Cytokine receptor	208	1	208	0.048076923	0.028846154	0.038461538
Q8IZY2	1190	ABCA7	Phospholipid-tran	779	2	506	0.037227214	0.026957638	0.032092426
Q9GZZ6	1191	CHRNA10	Neuronal acetylch	212	1	212	0.028301887	0.009433962	0.018867925
Q8IZF5	1192	ADGRF3	Adhesion G-prote	799	4	749	0.038798498	0.028785982	0.03379224
Q13444	1193	ADAM15	Disintegrin and m	489	1	489	0.036809816	0.049079755	0.042944785
P29972	1194	AQP1	Aquaporin-1 (AQF	39	4	20	0.076923077	0.051282051	0.064102564
Q9HD20	1195	ATP13A1	Endoplasmic retic	305	4	178	0.016393443	0.013114754	0.014754098
Q9NYX4	1196	CALY	Neuron-specific v	86	1	86	0.011627907	0.011627907	0.011627907
Q9P0X4	1197	CACNA1I	Voltage-depende	441	12	144	0.015873016	0.009070295	0.012471655
O75309	1198	CDH16	Cadherin-16 (Kidr	767	1	767	0.032594524	0.005215124	0.018904824
P29973	1199	CNGA1	cGMP-gated catic	60	3	42	0.1	0.016666667	0.058333333
Q9NR61	1200	DLL4	Delta-like protein	502	1	502	0.09561753	0.071713147	0.083665339
Q09428	1201	ABCC8	ATP-binding cass	255	8	114	0	0.007843137	0.003921569
P20309	1202	CHRM3	Muscarinic acetyl	110	4	66	0.154545455	0.2	0.177272727
P0DMS8	1203	ADORA3	Adenosine recepto	57	4	28	0.122807018	0.087719298	0.105263158
Q15822	1204	CHRNA2	Neuronal acetylch	237	1	237	0.063291139	0.033755274	0.048523207
P11229	1205	CHRM1	Muscarinic acetyl	73	4	23	0.082191781	0.082191781	0.082191781
Q8IUN9	1206	CLEC10A	C-type lectin dom	255	1	255	0	0.047058824	0.023529412
Q04656	1207	ATP7A	Copper-transporti	95	4	38	0.063157895	0.021052632	0.042105263
Q3KPI0	1208	CEACAM21	Carcinoembryonic	205	1	205	0.082926829	0.009756098	0.046341463
O75871	1209	CEACAM4	Carcinoembryonic	119	1	119	0.050420168	0.033613445	0.042016807
Q9BZW8	1210	CD244	Natural killer cell r	207	1	207	0.053140097	0.038647343	0.04589372
P25100	1211	ADRA1D	Alpha-1D adrener	121	4	94	0.066115702	0.115702479	0.090909091
O95622	1212	ADCY5	Adenylate cyclase	52	1	52	0.038461538	0.038461538	0.038461538
Q07075	1213	ENPEP	Glutamyl aminope	917	1	917	0.165757906	0.029443839	0.097600872
Q9UHP7	1214	CLEC2D	C-type lectin dom	131	1	131	0	0.015267176	0.007633588
Q8WTT0	1215	CLEC4C	C-type lectin dom	168	1	168	0	0.017857143	0.008928571
P42081	1216	CD86	T-lymphocyte acti	223	1	223	0	0.035874439	0.01793722
P21926	1217	CD9	CD9 antigen (5H9	104	2	83	0.019230769	0.019230769	0.019230769
P29017	1218	CD1C	T-cell surface glyc	284	1	284	0	0.017605634	0.008802817
Q16280	1219	CNGA2	Cyclic nucleotide-	120	3	81	0.016666667	0.008333333	0.0125
Q9NZV1	1220	CRIM1	Cysteine-rich mot	904	1	904	0.024336283	0.080752212	0.052544248
P07333	1221	CSF1R	Macrophage colo	497	1	497	0.104627767	0.024144869	0.064386318
P49682	1222	CXCR3	C-X-C chemokine	108	4	52	0	0.055555556	0.027777778
Q5SY80	1223	CATSPERE	Cation channel sp	883	1	883	0.031710079	0.012457531	0.022083805
Q9UNQ0	1224	ABCG2	Broad substrate s	91	3	73	0.032967033	0.021978022	0.027472527
Q15825	1225	CHRNA6	Neuronal acetylch	213	1	213	0.028169014	0.009389671	0.018779343
P48960	1226	ADGRE5	Adhesion G protei	570	4	531	0.040350877	0.071929825	0.056140351
Q9UM73	1227	ALK	ALK tyrosine kinas	1019	1	1019	0.049067713	0.045142296	0.047105005
O43506	1228	ADAM20	Disintegrin and m	486	1	486	0.020576132	0.03909465	0.029835391
Q6UXG3	1229	CD300LG	CMRF35-like mole	228	1	228	0.122807018	0.140350877	0.131578947
P17927	1230	CR1	Complement recep	1929	1	1929	0.038880249	0.062208398	0.050544323
Q6PCB8	1231	EMB	Embigin	227	1	227	0.074889868	0.052863436	0.063876652
Q96LA5	1232	FCRL2	Fc receptor-like pr	381	1	381	0.041994751	0.01312336	0.027559055
Q6V0I7	1233	FAT4	Protocadherin Fat	4465	1	4465	0.043225084	0.008734602	0.025979843
Q9Y3Q7	1234	ADAM18	Disintegrin and m	510	1	510	0.007843137	0.043137255	0.025490196
P08588	1235	ADRB1	Beta-1 adrenergic	94	4	54	0.063829787	0.074468085	0.069148936
P05026	1236	ATP1B1	Sodium/potassiur	240	1	240	0.025	0.016666667	0.020833333
P46663	1237	BDKRB1	B1 bradykinin rece	89	4	39	0.056179775	0.08988764	0.073033708
Q00975	1238	CACNA1B	Voltage-depende	376	12	86	0.021276596	0.002659574	0.011968085
Q9P296	1239	C5AR2	C5a anaphylatoxin	97	4	37	0.092783505	0.020618557	0.056701031
P28907	1240	CD38	ADP-ribosyl cyclas	257	1	257	0	0.023346304	0.011673152
P51686	1241	CCR9	C-C chemokine re	85	4	47	0	0.105882353	0.052941176
P21918	1242	DRD5	D(1B) dopamine r	108	4	42	0	0.046296296	0.023148148
O95866	1243	MPIG6B	Megakaryocyte ar	124	1	124	0.040322581	0.048387097	0.044354839
Q92847	1244	GHSR	Growth hormone s	102	4	39	0.235294118	0.058823529	0.147058824
I3L273	1245	GFY	Golgi-associated	389	1	389	0	0.228791774	0.114395887
O60706	1246	ABCC9	ATP-binding cass	222	8	96	0	0.018018018	0.009009009
Q9HAR2	1247	ADGRL3	Adhesion G protei	885	4	846	0.059887006	0.044067797	0.051977401
P20594	1248	NPR2	Atrial natriuretic p	435	1	435	0.03908046	0.029885057	0.034482759
Q6PL45	1249	BRICD5	BRICHOS domain	182	1	182	0.038461538	0.027472527	0.032967033
P16671	1250	CD36	Platelet glycoprot	409	1	409	0.039119804	0.024449878	0.031784841

P19022	1251 CDH2	Cadherin-2 (CDw:	564	1	564	0.063829787	0.014184397	0.039007092
Q4KMG0	1252 CDON	Cell adhesion mol	937	1	937	0.131270011	0.032017076	0.081643543
P32246	1253 CCR1	C-C chemokine re	89	4	33	0	0.078651685	0.039325843
Q5KU26	1254 COLEC12	Collectin-12 (Coll	683	1	683	0.043923865	0.068814056	0.05636896
Q16832	1255 DDR2	Discoidin domain-	377	1	377	0.039787798	0.034482759	0.037135279
Q9NPB9	1256 ACKR4	Atypical chemokin	97	4	41	0.06185567	0.041237113	0.051546392
Q13639	1257 HTR4	5-hydroxytryptami	76	4	33	0	0.026315789	0.013157895
P17787	1258 CHRNB2	Neuronal acetylch	221	2	207	0.009049774	0.009049774	0.009049774
P50052	1259 AGTR2	Type-2 angiotens	106	4	44	0.103773585	0.122641509	0.113207547
Q86WK6	1260 AMIGO1	Amphoterin-induc	344	1	344	0.01744186	0.020348837	0.018895349
O94910	1261 ADGRL1	Adhesion G protei	857	4	833	0.043173862	0.037339557	0.040256709
O43184	1262 ADAM12	Disintegrin and me	500	1	500	0.014	0.038	0.026
Q9BY67	1263 CADM1	Cell adhesion mol	329	1	329	0.389057751	0.066869301	0.227963526
P09564	1264 CD7	T-cell antigen CD	154	1	154	0	0.058441558	0.029220779
P40259	1265 CD79B	B-cell antigen rec	130	1	130	0	0.030769231	0.015384615
P29016	1266 CD1B	T-cell surface glyc	285	1	285	0	0.01754386	0.00877193
A6H8M9	1267 CDHR4	Cadherin-related	669	1	669	0.068759342	0.020926756	0.044843049
Q8TDQ1	1268 CD300LF	CMRF35-like mole	136	1	136	0.051470588	0.066176471	0.058823529
Q9UGN4	1269 CD300A	CMRF35-like mole	162	1	162	0.12962963	0.12345679	0.12654321
Q8IZS7	1270 CLECL1	C-type lectin-like	78	1	78	0	0.012820513	0.006410256
Q8WY07	1271 SLC7A3	Cationic amino ac	102	7	33	0.019607843	0.019607843	0.019607843
P56937	1272 HSD17B7	3-keto-steroid red	228	1	228	0	0.030701754	0.015350877
O95477	1273 ABCA1	Phospholipid-tran	880	2	596	0.032954545	0.026136364	0.029545455
Q8N2K0	1274 ABHD12	Lysophosphatidyl	302	1	302	0.013245033	0.006622517	0.009933775
P08195	1275 SLC3A2	4F2 cell-surface a	424	1	424	0.030660377	0.016509434	0.023584906
Q86WK7	1276 AMIGO3	Amphoterin-induc	363	1	363	0.016528926	0.03030303	0.023415978
Q9P0K1	1277 ADAM22	Disintegrin and me	513	1	513	0.015594542	0.037037037	0.026315789
P35348	1278 ADRA1A	Alpha-1A adrener	56	4	26	0.214285714	0.125	0.169642857
Q7Z6A9	1279 BTLA	B- and T-lymphoc	126	1	126	0	0.03968254	0.01984127
Q8IU99	1280 CALHM1	Calcium homeosta	62	2	51	0.016129032	0.016129032	0.016129032
Q9Y271	1281 CYSLTR1	Cysteinyl leukotrie	108	4	30	0.064814815	0.074074074	0.069444444
O14843	1282 FFAR3	Free fatty acid rec	75	4	24	0.026666667	0.026666667	0.026666667
P12319	1283 FCER1A	High affinity immu	179	1	179	0.05027933	0.044692737	0.047486034
Q14517	1284 FAT1	Protocadherin Fat	4159	1	4159	0.03582592	0.006251503	0.021038711
Q02643	1285 GHRHR	Growth hormone-r	160	4	109	0.0375	0.0125	0.025
P48169	1286 GABRA4	Gamma-aminobut	222	1	222	0.040540541	0.018018018	0.029279279
O14764	1287 GABRD	Gamma-aminobut	231	1	231	0.017316017	0.008658009	0.012987013
Q9NS66	1288 GPR173	Probable G-protei	81	4	27	0.061728395	0.061728395	0.061728395
Q96P66	1289 GPR101	Probable G-protei	87	4	34	0.137931034	0.137931034	0.137931034
P29274	1290 ADORA2A	Adenosine recepto	52	4	29	0.038461538	0	0.019230769
P36896	1291 ACVR1B	Activin receptor ty	102	1	102	0.009803922	0.029411765	0.019607843
P08913	1292 ADRA2A	Alpha-2A adrener	90	4	47	0.044444444	0.066666667	0.055555556
Q9BZ11	1293 ADAM33	Disintegrin and me	671	1	671	0.020864382	0.035767511	0.028315946
Q9UKJ8	1294 ADAM21	Disintegrin and me	484	1	484	0.024793388	0.035123967	0.029958678
P07306	1295 ASGR1	Asialoglycoprotein	229	1	229	0.017467249	0.043668122	0.030567686
P56817	1296 BACE1	Beta-secretase 1	435	1	435	0.027586207	0.020689655	0.024137931
Q06432	1297 CACNG1	Voltage-depende	101	2	78	0.03960396	0.01980198	0.02970297
Q9H159	1298 CDH19	Cadherin-19	552	1	552	0.048913043	0.012681159	0.030797101
P16070	1299 CD44	CD44 antigen (CD	628	1	628	0.152866242	0.24522293	0.199044586
Q9ULB4	1300 CDH9	Cadherin-9	561	1	561	0.040998217	0.007130125	0.024064171
Q9NQW8	1301 CNGB3	Cyclic nucleotide-	112	3	65	0.008928571	0.008928571	0.008928571
Q96F05	1302 C11orf24	Uncharacterized p	379	1	379	0.308707124	0.340369393	0.324538259
Q7Z408	1303 CSMD2	CUB and sushi do	3407	1	3407	0.044027003	0.060757264	0.052392134
Q8NFT8	1304 DNER	Delta and Notch-l	605	1	605	0.059504132	0.110743802	0.085123967
P04440	1305 HLA-DPB1	HLA class II histo	195	1	195	0.01025641	0.015384615	0.012820513
Q6P995	1306 FAM171B	Protein FAM171B	320	1	320	0.040625	0.0125	0.0265625
P22732	1307 SLC2A5	Solute carrier fam	69	6	28	0.014492754	0.014492754	0.014492754
Q9UGQ3	1308 SLC2A6	Solute carrier fam	75	6	34	0.026666667	0.066666667	0.046666667
P02730	1309 SLC4A1	Band 3 anion tran	82	4	39	0.012195122	0.048780488	0.030487805
Q9NPF0	1310 CD320	CD320 antigen (8	193	1	193	0.139896373	0.186528497	0.163212435
Q53GD3	1311 SLC44A4	Choline transporte	339	5	173	0.04719764	0.056047198	0.051622419
P04839	1312 CYBB	Cytochrome b-245	102	3	45	0.039215686	0.029411765	0.034313725
Q9UKF2	1313 ADAM30	Disintegrin and me	488	1	488	0.016393443	0.032786885	0.024590164
Q6UY09	1314 CEACAM20	Carcinoembryonic	419	1	419	0.045346062	0.026252983	0.035799523
Q96JP9	1315 CDHR1	Cadherin-related	680	1	680	0.047058824	0.005882353	0.026470588
P01911	1316 HLA-DRB1	HLA class II histo	197	1	197	0.040609137	0.010152284	0.025380711
Q9Y6X5	1317 ENPP4	Bis(5'-adenosyl)-t	391	1	391	0	0.025575448	0.012787724
P37023	1318 ACVRL1	Serine/threonine-	96	1	96	0.0625	0.083333333	0.072916667
Q8N350	1319 CBARP	Voltage-depende	44	1	44	0.386363636	0.022727273	0.204545455
P55287	1320 CDH11	Cadherin-11 (OSF	563	1	563	0.035523979	0.003552398	0.019538188
Q13634	1321 CDH18	Cadherin-18 (Cad	554	1	554	0.041516245	0.005415162	0.023465704
Q9H251	1322 CDH23	Cadherin-23 (Otoc	3040	1	3040	0.043092105	0.011513158	0.027302632
P43005	1323 SLC1A1	Excitatory amino a	155	5	90	0.070967742	0.090322581	0.080645161
P06340	1324 HLA-DOA	HLA class II histo	191	1	191	0.020942408	0.015706806	0.018324607
O14842	1325 FFAR1	Free fatty acid rec	63	4	35	0.047619048	0	0.023809524
Q96RD9	1326 FCRL5	Fc receptor-like pr	835	1	835	0.050299401	0.016766467	0.033532934
O95342	1327 ABCB11	Bile salt export pu	105	5	63	0.047619048	0.038095238	0.042857143
Q9BYF1	1328 ACE2	Angiotensin-conv	722	1	722	0.05401662	0.009695291	0.031855956
O95264	1329 HTR3B	5-hydroxytryptami	237	3	216	0	0.025316456	0.012658228
Q96K78	1330 ADGRG7	Adhesion G-prote	492	4	411	0.052845528	0.06504065	0.058943089
P41597	1331 CCR2	C-C chemokine re	97	4	41	0	0.092783505	0.046391753
Q08708	1332 CD300C	CMRF35-like mole	162	1	162	0.111111111	0.111111111	0.111111111
Q9NS75	1333 CYSLTR2	Cysteinyl leukotrie	118	4	41	0.059322034	0.06779661	0.063559322
Q9H4D0	1334 CLSTN2	Calsyntenin-2 (Alc	810	1	810	0.027160494	0.012345679	0.019753086
O75355	1335 ENTPD3	Ectonucleoside tri	441	1	441	0.038548753	0.015873016	0.027210884
Q9N2K0	1336	0 HERV-H_2q24.3 p	487	1	487	0	0.024640657	0.012320329
P08908	1337 HTR1A	5-hydroxytryptami	68	4	35	0	0.132352941	0.066176471
Q96PS8	1338 AQP10	Aquaporin-10 (AQ	54	3	33	0.12962963	0.055555556	0.092592593
O75882	1339 ATRN	Attractin (DPPT-L	1195	1	1195	0.034309623	0.060251046	0.047280335
P21554	1340 CNR1	Cannabinoid recep	154	4	115	0.038961039	0.051948052	0.045454545
P35070	1341 BTC	Probetacellulin [C	86	1	86	0.046511628	0.093023256	0.069767442
Q96Q91	1342 SLC4A9	Anion exchange p	72	1	72	0.027777778	0.027777778	0.027777778
P43681	1343 CHRNA4	Neuronal acetylch	213	1	213	0.023474178	0.014084507	0.018779343
Q04771	1344 ACVR1	Activin receptor ty	102	1	102	0.078431373	0.058823529	0.068627451
Q8NC01	1345 CLEC1A	C-type lectin dom	206	1	206	0	0.024271845	0.012135922
Q92478	1346 CLEC2B	C-type lectin dom	123	1	123	0	0.024390244	0.012195122
P51164	1347 ATP4B	Potassium-transp	233	1	233	0.042918455	0.051502146	0.0472103
P54289	1348 CACNA2D1	Voltage-depende	1048	1	1048	0.026717557	0.02480916	0.025763359
P82279	1349 CRB1	Protein crumbs ho	1321	1	1321	0.04012112	0.090840273	0.065480696
Q08554	1350 DSC1	Desmocollin-1 (Ca	556	1	556	0.043165468	0.005395683	0.024280576
P32926	1351 DSG3	Desmoglein-3 (13	565	1	565	0.037168142	0.019469027	0.028318584
P13765	1352 HLA-DOB	HLA class II histo	197	1	197	0.020304569	0.015228426	0.017766497
Q04844	1353 CHRNE	Acetylcholine rece	244	3	218	0.028688525	0.008196721	0.018442623
P36544	1354 CHRNA7	Neuronal acetylch	207	1	207	0.028985507	0.014492754	0.02173913
Q9HBW9	1355 ADGRL4	Adhesion G protei	454	4	412	0.066079295	0.066079295	0.066079295
P16066	1356 NPR1	Atrial natriuretic p	440	1	440	0.036363636	0.015909091	0.026136364
Q9P126	1357 CLEC1B	C-type lectin dom	174	1	174	0	0.017241379	0.00862069
O00478	1358 BTN3A3	Butyrophilin subfa	218	1	218	0.018348624	0.004587156	0.01146789
Q14574	1359 DSC3	Desmocollin-3 (Ca	554	1	554	0.079422383	0.009025271	0.044223827
P34969	1360 HTR7	5-hydroxytryptami	133	4	82	0	0.067669173	0.033834586
P25106	1361 ACKR3	Atypical chemokin	105	4	39	0.066666667	0.038095238	0.052380952
P30556	1362 AGTR1	Type-1 angiotens	81	4	29	0.148148148	0.061728395	0.104938272
P13569	1363 CFTR	Cystic fibrosis tran	99	6	38	0.03030303	0.01010101	0.02020202
Q5VTT2	1364 C9orf135	Protein C9orf135	122	1	122	0.016393443	0.049180328	0.032786885

Q96HD1	1365	CRELD1	Protein disulfide is	346	2	332	0.023121387	0.043352601	0.033236994
Q8TD84	1366	DSCAML1	Down syndrome c	1572	1	1572	0.052798982	0.017811705	0.035305344
O14514	1367	ADGRB1	Adhesion G protei	950	4	917	0.045263158	0.063157895	0.054210526
Q99965	1368	ADAM2	Disintegrin and m	511	1	511	0.009784736	0.035225049	0.022504892
Q9UKF5	1369	ADAM29	Disintegrin and m	480	1	480	0.033333333	0.035416667	0.034375
O00481	1370	BTN3A1	Butyrophilin subfa	224	1	224	0.022321429	0.004464286	0.013392857
Q7KYR7	1371	BTN2A1	Butyrophilin subfa	219	1	219	0.0456621	0.01826484	0.03196347
Q9Y5Z0	1372	BACE2	Beta-secretase 2	452	1	452	0.050884956	0.030973451	0.040929204
P32238	1373	CCKAR	Cholecystokinin re	95	4	40	0.052631579	0.052631579	0.052631579
P13688	1374	CEACAM1	Carcinoembryonic	393	1	393	0.10178117	0.048346056	0.075063613
Q9NYQ7	1375	CELSR3	Cadherin EGF LAC	2536	4	2507	0.071766562	0.038249211	0.055007886
P51681	1376	CCR5	C-C chemokine re	88	4	31	0	0.034090909	0.017045455
Q1HG43	1377	DUOXA1	Dual oxidase matu	154	3	110	0.155844156	0.032467532	0.094155844
P21917	1378	DRD4	D(4) dopamine re	77	4	28	0	0.051948052	0.025974026
P47898	1379	HTR5A	5-hydroxytryptami	86	4	39	0	0.104651163	0.052325581
P55291	1380	CDH15	Cadherin-15 (Cad	545	1	545	0.031192661	0.00733945	0.019266055
Q07108	1381	CD69	Early activation ar	137	1	137	0.01459854	0.00729927	0.010948905
P40198	1382	CEACAM3	Carcinoembryonic	120	1	120	0.058333333	0.016666667	0.0375
Q99467	1383	CD180	CD180 antigen (L	602	1	602	0.033222591	0.026578073	0.029900332
Q15762	1384	CD226	CD226 antigen (D	235	1	235	0.153191489	0.042553191	0.09787234
Q6UXZ3	1385	CD300LD	CMRF35-like mole	146	1	146	0.150684932	0.123287671	0.136986301
P61073	1386	CXCR4	C-X-C chemokine	87	4	37	0	0.057471264	0.028735632
P25025	1387	CXCR2	C-X-C chemokine	105	4	47	0	0.038095238	0.019047619
Q6UY11	1388	DLK2	Protein delta hom	279	1	279	0.032258065	0.053763441	0.043010753
Q9Y5L3	1389	ENTPD2	Ectonucleoside tri	433	1	433	0.03926097	0.025404157	0.032332564
P34910	1390	EVI2B	Protein EVI2B (Ec	180	1	180	0.422222222	0.227777778	0.325
P46098	1391	HTR3A	5-hydroxytryptami	228	3	217	0	0.030701754	0.015350877
O60840	1392	CACNA1F	Voltage-dependei	405	12	89	0.019753086	0.004938272	0.012345679
Q86UP0	1393	CDH24	Cadherin-24	596	1	596	0.035234899	0.005033557	0.020134228
P55289	1394	CDH12	Cadherin-12 (Brai	554	1	554	0.025270758	0.005415162	0.01534296
P34810	1395	CD68	Macrosialin (Gp11	297	1	297	0.235690236	0.239057239	0.237373737
P15509	1396	CSF2RA	Granulocyte-macr	297	1	297	0.043771044	0.037037037	0.04040404
O15431	1397	SLC31A1	High affinity copp	62	2	60	0.14516129	0.064516129	0.10483871
P43146	1398	DCC	Netrin receptor DC	1071	1	1071	0.049486461	0.025210084	0.037348273
P25101	1399	EDNRA	Endothelin-1 rece	129	4	59	0.046511628	0.093023256	0.069767442
P30926	1400	CHRNB4	Neuronal acetylch	241	3	214	0.066390041	0.020746888	0.043568465
Q70Z44	1401	HTR3D	5-hydroxytryptami	228	3	207	0	0.00877193	0.004385965
P18825	1402	ADRA2C	Alpha-2C adrener	86	4	50	0.081395349	0.081395349	0.081395349
Q86SQ6	1403	ADGRA1	Adhesion G protei	51	4	19	0.019607843	0.019607843	0.019607843
Q86Y34	1404	ADGRG3	Adhesion G protei	310	4	251	0.041935484	0.022580645	0.032258065
Q16853	1405	AOC3	Membrane primar	736	1	736	0.032608696	0.024456522	0.028532609
Q9UHC3	1406	ASIC3	Acid-sensing ion c	379	1	379	0.034300792	0.023746702	0.029023747
P32247	1407	BRS3	Bombesin recepto	111	4	40	0.081081081	0.117117117	0.099099099
Q9UMD9	1408	COL17A1	Collagen alpha-1(	1008	1	1008	0.049603175	0.113095238	0.081349206
Q13324	1409	CRHR2	Corticotropin-relea	141	4	107	0.04964539	0.035460993	0.042553191
P08172	1410	CHRM2	Muscarinic acetylc	65	4	21	0.123076923	0.153846154	0.138461538
Q16671	1411	AMHR2	Anti-Muellerian ho	131	1	131	0.083969466	0.099236641	0.091603053
Q13443	1412	ADAM9	Disintegrin and m	668	1	668	0.017964072	0.025449102	0.021706587
O60241	1413	ADGRB2	Adhesion G protei	940	4	903	0.056382979	0.074468085	0.065425532
Q5XXA6	1414	ANO1	Anoctamin-1 (Dis	192	4	86	0.046875	0.020833333	0.033854167
Q8J025	1415	APCDD1	Protein APCDD1 (	465	1	465	0.019354839	0.03655914	0.027956989
Q9HDC9	1416	APMAP	Adipocyte plasma	354	1	354	0.019774011	0.002824859	0.011299435
Q13936	1417	CACNA1C	Voltage-dependei	335	16	59	0.041791045	0.011940299	0.026865672
P32970	1418	CD70	CD70 antigen (CD	154	1	154	0.071428571	0.038961039	0.055194805
Q6UVK1	1419	CSPG4	Chondroitin sulfat	2194	1	2194	0.031905196	0.027347311	0.029626253
Q02487	1420	DSC2	Desmocollin-2 (Ca	558	1	558	0.055555556	0.008960573	0.032258065
P42892	1421	ECE1	Endothelin-conve	680	1	680	0.030882353	0.020588235	0.025735294
Q8IZF2	1422	ADGRF5	Adhesion G protei	1024	4	984	0.059570313	0.033203125	0.046386719
Q13410	1423	BTN1A1	Butyrophilin subfa	215	1	215	0.013953488	0.013953488	0.013953488
Q86VB7	1424	CD163	Scavenger recepto	1008	1	1008	0.025793651	0.023809524	0.024801587
Q9ULB5	1425	CDH7	Cadherin-7	579	1	579	0.039723661	0.006908463	0.023316062
Q9HCU4	1426	CELSR2	Cadherin EGF LAC	2475	3	2348	0.033939394	0.021010101	0.027474747
Q9H6B4	1427	CLMP	CXADR-like membr	216	1	216	0.013888889	0.009259259	0.011574074
P78310	1428	CXADR	Coxsackievirus an	217	1	217	0.059907834	0.004608295	0.032258065
Q86XM0	1429	CATSPERD	Cation channel sp	697	1	697	0.037302726	0.012912482	0.025107604
Q5T1A1	1430	DCST2	DC-STAMP doma	132	3	67	0	0.022727273	0.011363636
Q6UWV6	1431	ENPP7	Ectonucleotide py	411	1	411	0.04136253	0.03163017	0.03649635
P60507	1432	ERVFC1	Endogenous retro	495	1	495	0.066666667	0.058585859	0.062626263
Q9ULW2	1433	FZD10	Frizzled-10 (Fz-10	288	4	204	0.027777778	0.03125	0.029513889
Q6ZNI0	1434	GCNT7	Beta-1,3-galactos	404	1	404	0.012376238	0.022277228	0.017326733
Q9NYM4	1435	GPR83	Probable G-protei	108	4	53	0.092592593	0.083333333	0.087962963
Q16538	1436	GPR162	Probable G-protei	61	4	20	0.016393443	0.016393443	0.016393443
P41594	1437	GRM5	Metabotropic glut	589	4	558	0.020373514	0.013582343	0.016977929
O75054	1438	IGSF3	Immunoglobulin s	1104	1	1104	0.025362319	0.025362319	0.025362319
Q8N6P7	1439	IL22RA1	Interleukin-22 rec	212	1	212	0.08490566	0.014150943	0.049528302
P06213	1440	INSR	Insulin receptor (I	923	2	730	0.086673889	0.054171181	0.070422535
Q8NHK3	1441	KIR2DL5B	Killer cell immuno	216	1	216	0.074074074	0.064814815	0.069444444
P48048	1442	KCNJ1	ATP-sensitive inw	32	2	24	0	0	0
Q96L42	1443	KCNH8	Potassium voltage	62	4	40	0.064516129	0.032258065	0.048387097
Q6UWJ8	1444	CD164L2	CD164 sialomucin	111	1	111	0.063063063	0.09009009	0.076576577
Q15878	1445	CACNA1E	Voltage-dependei	397	12	86	0.020151134	0.002518892	0.011335013
Q9ULX7	1446	CA14	Carbonic anhydra	274	1	274	0.018248175	0.01459854	0.016423358
Q902F8	1447	ERVK-8	Endogenous retro	542	1	542	0.036900369	0.016605166	0.026752768
P22413	1448	ENPP1	Ectonucleotide py	827	1	827	0.026602177	0.020556227	0.023579202
A1KXE4	1449	FAM168B	Myelin-associatec	99	1	99	0.171717172	0.191919192	0.181818182
Q3ZCQ3	1450	FAM174B	Membrane proteir	63	1	63	0.142857143	0.253968254	0.198412698
P04626	1451	ERBB2	Receptor tyrosine	629	1	629	0.031796502	0.025437202	0.028616852
Q9UNN8	1452	PROCR	Endothelial protei	192	1	192	0.046875	0.041666667	0.044270833
Q9NZU0	1453	FLRT3	Leucine-rich repe	499	1	499	0.06012024	0.052104208	0.056112224
Q8WWV6	1454	FCAMR	High affinity immu	433	1	433	0.115473441	0.159353349	0.137413395
P12318	1455	FCGR2A	Low affinity immu	183	1	183	0.049180328	0.005464481	0.027322404
Q96P67	1456	GPR82	Probable G-protei	107	4	63	0.046728972	0.018691589	0.03271028
Q8TDV0	1457	GPR151	G-protein coupled	101	4	40	0	0.059405941	0.02970297
P23416	1458	GLRA2	Glycine receptor s	248	3	228	0.02016129	0.032258065	0.026209677
Q96D42	1459	HAVCR1	Hepatitis A virus c	274	1	274	0.255474453	0.259124088	0.25729927
O00180	1460	KCNK1	Potassium channe	89	4	61	0.011235955	0	0.005617978
Q9UEF7	1461	KL	Klotho (EC 3.2.1.3	947	1	947	0.017951426	0.012671595	0.01531151
Q8N126	1462	CADM3	Cell adhesion mol	305	1	305	0.072131148	0.006557377	0.039344262
Q9HBB8	1463	CDHR5	Cadherin-related	643	1	643	0.138413686	0.105754277	0.122083981
Q15303	1464	ERBB4	Receptor tyrosine	625	1	625	0.0448	0.0464	0.0456
O60755	1465	GALR3	Galanin receptor t	61	4	24	0.032786885	0.016393443	0.024590164
Q99795	1466	GPA33	Cell surface A33 a	213	1	213	0.051643192	0.009389671	0.030516432
Q9NQS5	1467	GPR84	G-protein coupled	64	4	25	0	0.0625	0.03125
P49771	1468	FLT3LG	Fms-related tyrosi	157	1	157	0	0.044585987	0.022292994
Q30201	1469	HFE	Hereditary hemoc	283	1	283	0.021201413	0.017667845	0.019434629
P18505	1470	GABRB1	Gamma-aminobut	219	1	219	0.02739726	0.01369863	0.020547945
Q2M3T9	1471	HYAL4	Hyaluronidase-4 (	423	1	423	0.028368794	0.01891253	0.023640662
O00219	1472	HAS3	Hyaluronan synth	43	4	16	0	0	0
Q13478	1473	IL18R1	Interleukin-18 rec	307	1	307	0.055374593	0.03257329	0.043973941
Q9NPH3	1474	IL1RAP	Interleukin-1 rece	346	1	346	0.046242775	0.01734104	0.031791908
P43626	1475	KIR2DL1	Killer cell immuno	223	1	223	0.071748879	0.049327354	0.060538117
Q9H013	1476	ADAM19	Disintegrin and m	496	1	496	0.024193548	0.02016129	0.022177419
Q7Z7M1	1477	ADGRD2	Adhesion G-prote	685	4	661	0.023357664	0.030656934	0.027007299
Q7Z3S7	1478	CACNA2D4	Voltage-dependei	1095	1	1095	0.065753425	0.016438356	0.04109589

P21854	1479 CD72	B-cell differentiati	242	1	242	0	0.049586777	0.024793388
P47870	1480 GABRB2	Gamma-aminobut	218	1	218	0.018348624	0.013761468	0.016055046
P14770	1481 GP9	Platelet glycoprot	130	1	130	0.030769231	0.023076923	0.026923077
Q16099	1482 GRIK4	Glutamate recept	683	2	524	0.026354319	0.020497804	0.023426061
Q6UVM3	1483 KCNT2	Potassium channe	35	4	16	0.028571429	0.057142857	0.042857143
Q8N539	1484 FIBCD1	Fibrinogen C dom	406	1	406	0.02955665	0.039408867	0.034482759
Q96LA6	1485 FCRL1	Fc receptor-like pr	290	1	290	0.075862069	0.010344828	0.043103448
P21462	1486 FPR1	fMet-Leu-Phe rec	102	4	42	0	0.098039216	0.049019608
P32239	1487 CCKBR	Gastrin/cholecyst	123	4	56	0.048780488	0.081300813	0.06504065
Q8IWB1	1488 ITPRIP	Inositol 1,4,5-trisp	67	1	67	0	0.029850746	0.014925373
Q13304	1489 GPR17	Uracil nucleotide/	134	4	63	0.02238806	0.097014925	0.059701493
Q8N6U8	1490 GPR161	G-protein coupled	84	4	29	0	0.071428571	0.035714286
P23415	1491 GLRA1	Glycine receptor s	241	3	221	0.008298755	0.004149378	0.006224066
A8MUP6	1492 GSG1L2	Germ cell-specific	112	2	90	0.017857143	0.017857143	0.017857143
P04439	1493 HLA-A	HLA class I histoc	283	1	283	0.024734982	0.014134276	0.019434629
Q96F46	1494 IL17RA	Interleukin-17 rec	287	1	287	0.055749129	0.017421603	0.036585366
P40189	1495 IL6ST	Interleukin-6 rece	596	1	596	0.120805369	0.02852349	0.07466443
O14525	1496 ASTN1	Astrotactin-1	1030	2	899	0.019417476	0.021359223	0.02038835
P06729	1497 CD2	T-cell surface anti	184	1	184	0	0.02173913	0.010869565
P28906	1498 CD34	Hematopoietic pro	258	1	258	0.220930233	0.26744186	0.244186047
O14638	1499 ENPP3	Ectonucleotide py	844	1	844	0.039099526	0.026066351	0.032582938
Q14332	1500 FZD2	Frizzled-2 (Fz-2) (	307	4	223	0.029315961	0.016286645	0.022801303
Q9ULV1	1501 FZD4	Frizzled-4 (Fz-4) (	227	4	175	0.030837004	0.008810573	0.019823789
Q9NSI5	1502 IGSF5	Immunoglobulin s	265	1	265	0.037735849	0.022641509	0.030188679
O71037	1503 ERVK-19	Endogenous retro	542	1	542	0.040590406	0.016605166	0.028597786
P06734	1504 FCER2	Low affinity immu	273	1	273	0.036630037	0.036630037	0.036630037
P25090	1505 FPR2	N-formyl peptide r	103	4	42	0	0.077669903	0.038834951
P24046	1506 GABRR1	Gamma-aminobut	259	1	259	0.030888031	0.030888031	0.030888031
Q95460	1507 MR1	Major histocompa	279	1	279	0.021505376	0.007168459	0.014336918
P16871	1508 IL7R	Interleukin-7 rece	218	1	218	0.041284404	0.02293578	0.032110092
Q9NRM6	1509 IL17RB	Interleukin-17 rec	274	1	274	0.080291971	0.04379562	0.062043796
P08648	1510 ITGA5	Integrin alpha-5 (I	953	1	953	0.039874082	0.025183631	0.032528856
Q8NC54	1511 KCT2	Keratinocyte-assc	146	1	146	0.150684932	0.184931507	0.167808219
Q96E93	1512 KLRG1	Killer cell lectin-lik	135	1	135	0.02962963	0.022222222	0.025925926
Q8TDW0	1513 LRRC8C	Volume-regulated	113	2	81	0.07079646	0.07079646	0.07079646
P46095	1514 GPR6	G-protein coupled	112	4	73	0	0.071428571	0.035714286
Q14832	1515 GRM3	Metabotropic glut	596	4	553	0.021812081	0.015100671	0.018456376
P01893	1516 HLA-H	Putative HLA clas	283	1	283	0.028268551	0.007067138	0.017667845
P30511	1517 HLA-F	HLA class I histoc	283	1	283	0.021201413	0.007067138	0.014134276
Q9UMF0	1518 ICAM5	Intercellular adhes	803	1	803	0.061021171	0.01618929	0.03860523
P05556	1519 ITGB1	Integrin beta-1 (F	707	1	707	0.025459689	0.043847242	0.034653465
P20702	1520 ITGAX	Integrin alpha-X (	1087	1	1087	0.032198712	0.022079117	0.027138914
Q5VZ72	1521 IZUMO3	Izumo sperm-egg	153	1	153	0.013071895	0.026143791	0.019607843
P14616	1522 INSRR	Insulin receptor-re	174	1	174	0.034482759	0.022988506	0.028735632
P43628	1523 KIR2DL3	Killer cell immuno	223	1	223	0.071748879	0.040358744	0.056053812
Q9NYG8	1524 KCNK4	Potassium channe	86	4	62	0.046511628	0.023255814	0.034883721
P19256	1525 CD58	Lymphocyte funct	186	1	186	0.080645161	0.032258065	0.056451613
Q9Y5Q5	1526 CORIN	Atrial natriuretic p	975	1	975	0.107692308	0.063589744	0.085641026
P25024	1527 CXCR1	C-X-C chemokine	96	4	38	0	0.072916667	0.036458333
P32302	1528 CXCR5	C-X-C chemokine	121	4	54	0	0.041322314	0.020661157
Q6UWB1	1529 IL27RA	Interleukin-27 rec	483	1	483	0.051759834	0.020703934	0.036231884
P08514	1530 ITGA2B	Integrin alpha-IIb	961	1	961	0.018730489	0.009365245	0.014047867
Q9NPA1	1531 KCNMB3	Calcium-activated	125	1	125	0.024	0.008	0.016
Q8ND94	1532 LRRN4CL	LRRN4 C-terminal	171	1	171	0.01754386	0.029239766	0.023391813
Q15722	1533 LTB4R	Leukotriene B4 re	76	4	25	0.092105263	0.092105263	0.092105263
Q96QE4	1534 LRRC37B	Leucine-rich repe	877	1	877	0.038768529	0.101482326	0.070125428
Q6UXK5	1535 LRRN1	Leucine-rich repe	605	1	605	0.024793388	0.034710744	0.029752066
Q8N423	1536 LILRB2	Leukocyte immun	439	1	439	0.061503417	0.043280182	0.0523918
P01920	1537 HLA-DQB1	HLA class II histoc	197	1	197	0.035532995	0.010152284	0.02284264
Q96AP7	1538 ESAM	Endothelial cell-se	218	1	218	0.041284404	0.02293578	0.032110092
O75078	1539 ADAM11	Disintegrin and m	508	1	508	0.023622047	0.037401575	0.030511811
Q16581	1540 C3AR1	C3a anaphylatoxi	232	4	179	0.047413793	0.060344828	0.05387931
P22223	1541 CDH3	Cadherin-3 (Place	546	1	546	0.049450549	0.003663004	0.026556777
P27701	1542 CD82	CD82 antigen (C3	137	2	117	0.03649635	0.058394161	0.047445255
P26842	1543 CD27	CD27 antigen (CD	171	1	171	0.058479532	0.111111111	0.084795322
O96005	1544 CLPTM1	Cleft lip and palat	359	3	352	0.033426184	0.04735376	0.040389972
Q99788	1545 CMKLR1	Chemokine-like re	120	4	47	0.075	0.05	0.0625
Q9BQT9	1546 CLSTN3	Calsyntenin-3 (Al	827	1	827	0.019347037	0.019347037	0.019347037
Q8N8Z6	1547 DCBLD1	Discoidin, CUB an	424	1	424	0.054245283	0.058962264	0.056603774
Q08345	1548 DDR1	Epithelial discoidi	396	1	396	0.025252525	0.032828283	0.029040404
O43155	1549 FLRT2	Leucine-rich repe	505	1	505	0.069306931	0.077227723	0.073267327
O00591	1550 GABRP	Gamma-aminobut	225	1	225	0.044444444	0.022222222	0.033333333
Q9GZN0	1551 GPR88	Probable G-protei	73	4	34	0.164383562	0.109589041	0.136986301
Q96CH1	1552 GPR146	Probable G-protei	89	4	29	0.033707865	0.02247191	0.028089888
P47871	1553 GCGR	Glucagon recepto	164	4	110	0.054878049	0.024390244	0.039634146
Q8NCS7	1554 SLC44A5	Choline transporte	271	5	182	0.025830258	0.025830258	0.025830258
P20036	1555 HLA-DPA1	HLA class II histoc	193	1	193	0.041450777	0.010362694	0.025906736
P22794	1556 EVI2A	Protein EVI2A (Ec	102	1	102	0.176470588	0.058823529	0.117647059
P36888	1557 FLT3	Receptor-type tyr	516	1	516	0.040697674	0.025193798	0.032945736
Q9P2B2	1558 PTGFRN	Prostaglandin F2 r	806	1	806	0.02853598	0.014888337	0.021712159
Q5SZK8	1559 FREM2	FRAS1-related ex	3066	1	3066	0.027723418	0.023157208	0.025440313
P48167	1560 GLRB	Glycine receptor s	255	2	245	0.015686275	0.019607843	0.017647059
O43424	1561 GRID2	Glutamate recept	715	2	542	0.018181818	0.015384615	0.016783217
O14672	1562 ADAM10	Disintegrin and m	652	1	652	0.024539877	0.02607362	0.025306748
A8MVZ5	1563 BTNL10	Butyrophilin-like p	227	1	227	0.039647577	0.026431718	0.033039648
P30988	1564 CALCR	Calcitonin recepto	179	4	127	0.039106145	0.033519553	0.036312849
Q5JRM2	1565 CXorf66	Uncharacterized p	27	1	27	0.148148148	0.074074074	0.111111111
P24530	1566 EDNRB	Endothelin recept	123	4	74	0.146341463	0.105691057	0.12601626
P14416	1567 DRD2	D(2) dopamine re	78	4	36	0	0.064102564	0.032051282
Q5MY95	1568 ENTPD8	Ectonucleoside tri	441	1	441	0.045351474	0.031746032	0.038548753
Q9UKQ2	1569 ADAM28	Disintegrin and m	466	1	466	0.030042918	0.02360515	0.026824034
P41180	1570 CASR	Extracellular calci	632	4	592	0.030063291	0.030063291	0.030063291
O75976	1571 CPD	Carboxypeptidase	1267	1	1267	0.113654301	0.029992107	0.071823204
P09693	1572 CD3G	T-cell surface glyc	93	1	93	0	0.021505376	0.010752688
Q9H2A7	1573 CXCL16	C-X-C motif chem	175	1	175	0	0.114285714	0.057142857
B6SEH9	1574 ERVV-2	Endogenous retro	356	2	299	0.146067416	0.025280899	0.085674157
P29322	1575 EPHA8	Ephrin type-A rece	514	1	514	0.031128405	0.027237354	0.029182879
P12314	1576 FCGR1A	High affinity immu	276	1	276	0.061594203	0.028985507	0.045289855
Q86XX4	1577 FRAS1	Extracellular matri	3874	1	3874	0.030975736	0.027620031	0.029297883
P25089	1578 FPR3	N-formyl peptide r	103	4	42	0	0.058252427	0.029126214
P31644	1579 GABRA5	Gamma-aminobut	227	1	227	0.057268722	0.022026432	0.039647577
A6NGU5	1580 GGT3P	Putative glutathio	541	1	541	0.042513863	0.014787431	0.028650647
Q99678	1581 GPR20	G-protein coupled	85	4	47	0	0.117647059	0.058823529
Q14439	1582 GPR176	G-protein coupled	90	4	41	0	0.088888889	0.044444444
Q8IWK6	1583 ADGRA3	Adhesion G protei	762	4	727	0.038057743	0.045931759	0.041994751
Q8IZF4	1584 ADGRG5	Adhesion G-prote	279	4	228	0.035842294	0.039426523	0.037634409
Q5T601	1585 ADGRF1	Adhesion G-prote	614	4	570	0.053745928	0.043973941	0.048859935
P55064	1586 AQP5	Aquaporin-5 (AQF	33	3	17	0.060606061	0.060606061	0.060606061
Q9NY37	1587 ASIC5	Acid-sensing ion c	376	1	376	0.034574468	0.039893617	0.037234043
Q96FT7	1588 ASIC4	Acid-sensing ion c	329	1	329	0.039513678	0.024316109	0.031914894
Q6UXG8	1589 BTNL9	Butyrophilin-like p	221	1	221	0.018099548	0.013574661	0.015837104
Q9NPY3	1590 CD93	Complement com	556	1	556	0.059352518	0.091726619	0.075539568
Q9HBT6	1591 CDH20	Cadherin-20	559	1	559	0.039355993	0.007155635	0.023255814
P19397	1592 CD53	Leukocyte surface	95	2	74	0.073684211	0.084210526	0.078947368

Q13740	1593	ALCAM	CD166 antigen (A	499	1	499	0.054108216	0.016032064	0.03507014
Q9NNX6	1594	CD209	CD209 antigen (C	345	1	345	0.005797101	0.026086957	0.015942029
O00548	1595	DLL1	Delta-like protein	527	1	527	0.049335863	0.062618596	0.05597723
P79483	1596	HLA-DRB3	HLA class II histoc	197	1	197	0.020304569	0.015228426	0.017766497
P39086	1597	GRIK1	Glutamate recepto	704	2	545	0.026988636	0.019886364	0.0234375
P78536	1598	ADAM17	Disintegrin and me	456	1	456	0.026315789	0.019736842	0.023026316
Q9BYT9	1599	ANO3	Anoctamin-3 (Tra	245	4	99	0.024489796	0.020408163	0.02244898
P17342	1600	NPR3	Atrial natriuretic p	454	1	454	0.022026432	0.013215859	0.017621145
Q4KMQ2	1601	ANO6	Anoctamin-6 (Sm	205	4	92	0.058536585	0.024390244	0.041463415
Q01151	1602	CD83	CD83 antigen (hC	124	1	124	0.072580645	0.024193548	0.048387097
P15813	1603	CD1D	Antigen-presentin	281	1	281	0.049822064	0.017793594	0.033807829
Q5QGZ9	1604	CLEC12A	C-type lectin dom	200	1	200	0	0.025	0.0125
O00341	1605	SLC1A7	Excitatory amino a	101	1	101	0.03960396	0.079207921	0.059405941
P13762	1606	HLA-DRB4	HLA class II histoc	197	1	197	0.015228426	0.015228426	0.015228426
Q9N2J8	1607	0	HERV-H_2q24.1 p	479	1	479	0	0.096033403	0.048016701
P21860	1608	ERBB3	Receptor tyrosine	623	1	623	0.028892456	0.027287319	0.028089888
P21802	1609	FGFR2	Fibroblast growth	355	1	355	0.064788732	0.030985915	0.047887324
P31994	1610	FCGR2B	Low affinity immu	174	1	174	0.045977011	0.011494253	0.028735632
P55899	1611	FCGRT	IgG receptor FcRn	273	1	273	0.032967033	0.003663004	0.018315018
Q96P31	1612	FCRL3	Fc receptor-like pr	555	1	555	0.043243243	0.016216216	0.02972973
P28476	1613	GABRR2	Gamma-aminobut	239	1	239	0.029288703	0.020920502	0.025104603
P78363	1614	ABCA4	Retinal-specific ph	932	2	603	0.032188841	0.017167382	0.024678112
P05067	1615	APP	Amyloid-beta prec	683	1	683	0.036603221	0.061493411	0.049048316
Q8IZF7	1616	ADGRF2	Adhesion G-prote	500	4	450	0.026	0.038	0.032
Q6IWH7	1617	ANO7	Anoctamin-7 (Dre	234	4	104	0.008547009	0.02991453	0.019230769
P35613	1618	BSG	Basigin (5F7) (Co	185	1	185	0.037837838	0.016216216	0.027027027
P30411	1619	BDKRB2	B2 bradykinin rece	111	4	59	0.063063063	0.117117117	0.09009009
Q8IX05	1620	CD302	CD302 antigen (C	145	1	145	0.013793103	0.006896552	0.010344828
A0A0K2S4Q6	1621	CD300H	Protein CD300H (	143	1	143	0	0	0
Q96KA5	1622	CLPTM1L	Cleft lip and palat	259	3	252	0.038610039	0.011583012	0.025096525
P34998	1623	CRHR1	Corticotropin-relea	122	4	87	0.040983607	0.040983607	0.040983607
P80370	1624	DLK1	Protein delta hom	279	1	279	0.093189964	0.068100358	0.080645161
P28222	1625	HTR1B	5-hydroxytryptami	89	4	48	0	0.08988764	0.04494382
P32297	1626	CHRNA3	Neuronal acetylch	208	1	208	0.024038462	0.014423077	0.019230769
Q53RT3	1627	ASPRV1	Retroviral-like asp	266	1	266	0.011278195	0.011278195	0.011278195
Q9NY47	1628	CACNA2D2	Voltage-depende	1094	1	1094	0.02833638	0.02559415	0.026965265
Q9Y6N8	1629	CDH10	Cadherin-10 (T2-1	558	1	558	0.043010753	0.007168459	0.025089606
Q5ZPR3	1630	CD276	CD276 antigen (4	437	1	437	0.057208238	0.025171625	0.041189931
Q9HCU0	1631	CD248	Endosialin (Tumo	669	1	669	0.071748879	0.098654709	0.085201794
P51679	1632	CCR4	C-C chemokine re	96	4	38	0	0.0625	0.03125
P51684	1633	CCR6	C-C chemokine re	113	4	46	0	0.03539823	0.017699115
O95196	1634	CSPG5	Chondroitin sulfat	392	1	392	0.066326531	0.125	0.095663265
P00533	1635	EGFR	Epidermal growth	620	1	620	0.032258065	0.017741935	0.025
Q9H6D8	1636	FNDC4	Fibronectin type II	122	1	122	0.06557377	0.081967213	0.073770492
O75084	1637	FZD7	Frizzled-7 (Fz-7) (	307	4	223	0.029315961	0.013029316	0.021172638
Q13467	1638	FZD5	Frizzled-5 (Fz-5) (	285	4	211	0.042105263	0.010526316	0.026315789
O75899	1639	GABBR2	Gamma-aminobut	490	4	441	0.053061224	0.016326531	0.034693878
P08910	1640	ABHD2	Monoacylglycerol	394	1	394	0.015228426	0.005076142	0.010152284
O00400	1641	SLC33A1	Acetyl-coenzyme	92	6	22	0.02173913	0	0.010869565
Q05901	1642	CHRNB3	Neuronal acetylch	207	1	207	0.048309179	0	0.024154589
P07510	1643	CHRNG	Acetylcholine rece	217	1	217	0.013824885	0	0.006912442
Q9Y653	1644	ADGRG1	Adhesion G-prote	423	4	376	0.052009456	0.030732861	0.041371158
Q8TC27	1645	ADAM32	Disintegrin and me	507	1	507	0.009861933	0.029585799	0.019723866
Q8IZF3	1646	ADGRF4	Adhesion G protei	437	4	384	0.04576659	0.054919908	0.050343249
Q13145	1647	BAMBI	BMP and activin m	131	1	131	0.091603053	0.076335878	0.083969466
P10747	1648	CD28	T-cell-specific sur	133	1	133	0	0.007518797	0.003759398
Q9BYE9	1649	CDHR2	Cadherin-related f	1133	1	1133	0.044130627	0.000882613	0.02250662
Q6P4Q7	1650	CNNM4	Metal transporter	184	2	177	0.032608696	0.005434783	0.019021739
Q9H8M5	1651	CNNM2	Metal transporter	257	2	249	0.046692607	0.023346304	0.035019455
P16422	1652	EPCAM	Epithelial cell adh	241	1	241	0.024896266	0.008298755	0.01659751
P29317	1653	EPHA2	Ephrin type-A rece	513	1	513	0.040935673	0.033138402	0.037037037
P36269	1654	GGT5	Glutathione hydro	556	1	556	0.037769784	0.032374101	0.035071942
Q6ZMI3	1655	GLDN	Gliomedin [Cleave	511	1	511	0.029354207	0.054794521	0.042074364
P48058	1656	GRIA4	Glutamate recepto	696	2	522	0.034482759	0.017241379	0.025862069
Q8TBP5	1657	FAM174A	Membrane protein	93	1	93	0.043010753	0.086021505	0.064516129
P19235	1658	EPOR	Erythropoietin rec	225	1	225	0.022222222	0.013333333	0.017777778
P24071	1659	FCAR	Immunoglobulin a	205	1	205	0.034146341	0.024390244	0.029268293
Q2I0M4	1660	LRRC26	Leucine-rich repea	234	1	234	0.025641026	0.042735043	0.034188034
Q99705	1661	MCHR1	Melanin-concentr	165	4	112	0.16969697	0.109090909	0.139393939
P08183	1662	ABCB1	ATP-dependent tr	105	5	48	0	0.028571429	0.014285714
Q07001	1663	CHRND	Acetylcholine rece	223	1	223	0.053811659	0.013452915	0.033632287
A5X5Y0	1664	HTR3E	5-hydroxytryptami	226	3	222	0	0.017699115	0.008849558
P30532	1665	CHRNA5	Neuronal acetylch	247	2	231	0.052631579	0.024291498	0.038461538
A1A5B4	1666	ANO9	Anoctamin-9 (Tra	248	4	107	0.02016129	0.044354839	0.032258065
P11049	1667	CD37	Leukocyte antiger	149	2	129	0.013422819	0.067114094	0.040268456
Q08722	1668	CD47	Leukocyte surface	142	3	122	0.154929577	0.042253521	0.098591549
P06126	1669	CD1A	T-cell surface glyc	283	1	283	0	0.010600707	0.005300353
Q9H5V8	1670	CDCP1	CUB domain-cont	637	1	637	0.050235479	0.021978022	0.03610675
Q9H9P2	1671	CHODL	Chondrolectin (Tra	194	1	194	0.025773196	0.020618557	0.023195876
P43627	1672	KIR2DL2	Killer cell immuno	223	1	223	0.058295964	0.040358744	0.049327354
Q5JUK3	1673	KCNT1	Potassium channe	49	4	36	0.06122449	0.06122449	0.06122449
P22459	1674	KCNA4	Potassium voltage	76	4	43	0.065789474	0.013157895	0.039473684
Q16558	1675	KCNMB1	Calcium-activated	117	1	117	0.025641026	0.025641026	0.025641026
Q6UWH4	1676	GASK1B	Golgi-associated l	463	1	463	0.017278618	0.036717063	0.02699784
O95800	1677	GPR75	Probable G-protei	90	4	45	0.088888889	0.111111111	0.1
Q5T6X5	1678	GPRC6A	G-protein coupled	619	4	575	0	0.027463651	0.013731826
Q5VW38	1679	GPR107	Protein GPR107 (I	261	4	223	0.030651341	0.053639847	0.042145594
P25021	1680	HRH2	Histamine H2 rece	59	4	21	0.101694915	0.050847458	0.076271186
P13598	1681	ICAM2	Intercellular adhes	198	1	198	0.065656566	0.035353535	0.050505051
O75578	1682	ITGA10	Integrin alpha-10	1099	1	1099	0.023657871	0.01910828	0.021383076
Q86YT9	1683	JAML	Junctional adhesio	255	1	255	0.015686275	0.007843137	0.011764706
Q9Y624	1684	F11R	Junctional adhesio	210	1	210	0.066666667	0.004761905	0.035714286
Q14954	1685	KIR2DS1	Killer cell immuno	223	1	223	0.080717489	0.040358744	0.060538117
O75019	1686	LILRA1	Leukocyte immun	444	1	444	0.042792793	0.040540541	0.041666667
Q5NUL3	1687	FFAR4	Free fatty acid rec	88	4	44	0.045454545	0.056818182	0.051136364
Q6DN72	1688	FCRL6	Fc receptor-like pr	287	1	287	0.031358885	0.010452962	0.020905923
Q8TDY8	1689	IGDCC4	Immunoglobulin s	932	1	932	0.0472103	0.025751073	0.036480687
Q99665	1690	IL12RB2	Interleukin-12 rec	598	1	598	0.040133779	0.015050167	0.027591973
Q9UHF4	1691	IL20RA	Interleukin-20 rec	220	1	220	0.045454545	0.022727273	0.034090909
Q14773	1692	ICAM4	Intercellular adhes	217	1	217	0.064516129	0.055299539	0.059907834
P98164	1693	LRP2	Low-density lipop	4397	1	4397	0	0.040254719	0.02012736
Q07954	1694	LRP1	Prolow-density lip	4399	1	4399	0.028870198	0.042055013	0.035462605
Q8N967	1695	LRTM2	Leucine-rich repea	274	1	274	0.04379562	0.032846715	0.038321168
P29320	1696	EPHA3	Ephrin type-A rece	520	1	520	0.030769231	0.025	0.027884615
P11362	1697	FGFR1	Fibroblast growth	354	1	354	0.141242938	0.042372881	0.09180791
Q9HCN6	1698	GP6	Platelet glycoprot	246	1	246	0.203252033	0.052845528	0.12804878
P06028	1699	GYPB	Glycophorin-B (PA	39	1	39	0.307692308	0.179487179	0.243589744
O75473	1700	LGR5	Leucine-rich repea	593	4	539	0.02698145	0.016863406	0.021922428
Q12918	1701	KLRB1	Killer cell lectin-lik	158	1	158	0.044303797	0.018987342	0.03164557
Q9H8J5	1702	MANSC1	MANSC domain-c	358	1	358	0.131284916	0.223463687	0.177374302
P25929	1703	NPY1R	Neuropeptide Y re	113	4	43	0.053097345	0.053097345	0.053097345
Q16653	1704	MOG	Myelin-oligodendr	139	2	124	0.014388489	0	0.007194245
Q01113	1705	IL9R	Interleukin-9 rece	229	1	229	0.034934498	0.017467249	0.026200873
O75144	1706	ICOSLG	ICOS ligand (B7 h	237	1	237	0.050632911	0.021097046	0.035864979

P17301	1707	ITGA2	Integrin alpha-2 (I	1102	1	1102	0.033575318	0.020871143	0.02722323
P43629	1708	KIR3DL1	Killer cell immuno	318	1	318	0.072327044	0.034591195	0.053459119
Q86YD5	1709	LDLRAD3	Low-density lipop	155	1	155	0	0.070967742	0.035483871
Q86VH5	1710	LRRTM3	Leucine-rich repea	388	1	388	0.015463918	0.012886598	0.014175258
Q9NT99	1711	LRRC4B	Leucine-rich repea	540	1	540	0.088888889	0.064814815	0.076851852
Q9ULH4	1712	LRFN2	Leucine-rich repea	513	1	513	0.038986355	0.046783626	0.04288499
P33032	1713	MC5R	Melanocortin rece	65	4	36	0.061538462	0.092307692	0.076923077
P49146	1714	NPY2R	Neuropeptide Y re	109	4	50	0.036697248	0.036697248	0.036697248
P16109	1715	SELP	P-selectin (CD62	729	1	729	0	0.061728395	0.030864198
Q6ZRH7	1716	CATSPERG	Cation channel sp	1030	1	1030	0.021359223	0.008737864	0.015048544
Q96PD2	1717	DCBLD2	Discoidin, CUB an	461	1	461	0.060737527	0.052060738	0.056399132
O60469	1718	DSCAM	Down syndrome c	1577	1	1577	0.051363348	0.017121116	0.034242232
P0C7U0	1719	ELFN1	Protein ELFN1 (Ex	390	1	390	0.056410256	0.056410256	0.056410256
Q9ULD8	1720	KCNH3	Potassium voltage	90	4	70	0.055555556	0.033333333	0.044444444
Q92633	1721	LPAR1	Lysophosphatidic	94	4	49	0.106382979	0.095744681	0.10106383
Q7L985	1722	LINGO2	Leucine-rich repea	517	1	517	0.046421663	0.042553191	0.044487427
Q96FE5	1723	LINGO1	Leucine-rich repea	519	1	519	0.028901734	0.034682081	0.031791908
Q29980	1724	MICB	MHC class I polyp	286	1	286	0.097902098	0.031468531	0.064685315
O00574	1725	CXCR6	C-X-C chemokine	81	4	31	0	0.037037037	0.018518519
O15303	1726	GRM6	Metabotropic glut	611	4	560	0.019639935	0.024549918	0.022094926
Q9BXC0	1727	HCAR1	Hydroxycarboxylic	87	4	30	0.011494253	0.011494253	0.011494253
Q29983	1728	MICA	MHC class I polyp	283	1	283	0.049469965	0.038869258	0.044169611
P33527	1729	ABCC1	Multidrug resistan	251	8	114	0.03187251	0.027888446	0.029880478
Q5T197	1730	DCST1	E3 ubiquitin-prote	312	3	235	0.028846154	0.016025641	0.022435897
Q9Y2G8	1731	DNAJC16	DnaJ homolog sut	225	1	225	0.022222222	0.053333333	0.037777778
P43004	1732	SLC1A2	Excitatory amino a	158	5	92	0.025316456	0.037974684	0.03164557
Q9UNE0	1733	EDAR	Tumor necrosis fa	160	1	160	0.05625	0.0375	0.046875
Q86SJ6	1734	DSG4	Desmoglein-4 (Ca	581	1	581	0.030981067	0.003442341	0.017211704
Q902F9	1735	HERVK_113	Endogenous retro	542	1	542	0.044280443	0.018450185	0.031365314
P01589	1736	IL2RA	Interleukin-2 rece	218	1	218	0.077981651	0.114678899	0.096330275
P38570	1737	ITGAE	Integrin alpha-E (I	1105	1	1105	0.026244344	0.030769231	0.028506787
D3W0D1	1738	KLRF2	Killer cell lectin-lik	155	1	155	0.038709677	0.019354839	0.029032258
Q96PL5	1739	ERMAP	Erythroid membra	125	1	125	0.016	0.024	0.02
P54760	1740	EPHB4	Ephrin type-B rece	523	1	523	0.04206501	0.028680688	0.035372849
P22455	1741	FGFR4	Fibroblast growth	347	1	347	0.040345821	0.031700288	0.036023055
O60353	1742	FZD6	Frizzled-6 (Fz-6) (	270	4	182	0.025925926	0.02962963	0.027777778
O43603	1743	GALR2	Galanin receptor t	69	4	27	0.072463768	0.072463768	0.072463768
P28472	1744	GABRB3	Gamma-aminobut	229	2	219	0.017467249	0.013100437	0.015283843
P78334	1745	GABRE	Gamma-aminobut	230	1	230	0.017391304	0.043478261	0.030434783
P48546	1746	GIPR	Gastric inhibitory p	171	4	116	0.035087719	0.01754386	0.026315789
P51810	1747	GPR143	G-protein coupled	93	4	27	0	0.010752688	0.005376344
P42262	1748	GRIA2	Glutamate recepto	692	2	518	0.030346821	0.01734104	0.023843931
P05981	1749	HPN	Serine protease h	372	1	372	0.016129032	0.01344086	0.014784946
P48549	1750	KCNJ3	G protein-activate	31	2	23	0.032258065	0	0.016129032
Q9HBW0	1751	LPAR2	Lysophosphatidic	79	4	32	0.025316456	0.025316456	0.025316456
Q6PI73	1752	LILRA6	Leukocyte immuno	423	1	423	0.052009456	0.028368794	0.040189125
Q9GZU1	1753	MCOLN1	Mucolipin-1 (ML1	241	4	211	0.01659751	0.020746888	0.018672199
Q14831	1754	GRM7	Metabotropic glut	603	4	555	0.018242123	0.018242123	0.018242123
O95528	1755	SLC2A10	Solute carrier fam	145	6	94	0.055172414	0.062068966	0.05862069
Q8TD20	1756	SLC2A12	Solute carrier fam	141	5	99	0.035460993	0.042553191	0.039007092
P78552	1757	IL13RA1	Interleukin-13 rec	321	1	321	0.056074766	0.037383178	0.046728972
Q5VWK5	1758	IL23R	Interleukin-23 rec	331	1	331	0.048338369	0.024169184	0.036253776
Q8IZA0	1759	KIAA0319L	Dyslexia-associat	881	1	881	0.052213394	0.085130533	0.068671964
P56199	1760	ITGA1	Integrin alpha-1 (I	1112	1	1112	0.048561151	0.033273381	0.040917266
P78504	1761	JAG1	Protein jagged-1 (	1033	1	1033	0.031945789	0.070667957	0.051306873
Q96J84	1762	KIRREL1	Kin of IRRE-like pr	482	1	482	0.049792531	0.010373444	0.030082988
Q99706	1763	KIR2DL4	Killer cell immuno	220	1	220	0.072727273	0.036363636	0.054545455
Q13241	1764	KLRD1	Natural killer cells	147	1	147	0.020408163	0.020408163	0.020408163
Q8N149	1765	LILRA2	Leukocyte immuno	425	1	425	0.117647059	0.051764706	0.084705882
Q969V1	1766	MCHR2	Melanin-concentr	89	4	38	0.033707865	0.06741573	0.050561798
P35410	1767	MAS1L	Mas-related G-pro	116	4	76	0	0.034482759	0.017241379
Q02297	1768	NRG1	Pro-neuregulin-1,	222	1	222	0	0.103603604	0.051801802
P35367	1769	HRH1	Histamine H1 rece	80	4	28	0.0375	0.025	0.03125
Q8NFR9	1770	IL17RE	Interleukin-17 rec	430	1	430	0.025581395	0.048837209	0.037209302
P14784	1771	IL2RB	Interleukin-2 rece	213	1	213	0.023474178	0.018779343	0.021126761
P08887	1772	IL6R	Interleukin-6 rece	345	1	345	0.069565217	0.037681159	0.053623188
Q9Y6W8	1773	ICOS	Inducible T-cell co	119	1	119	0.033613445	0.025210084	0.029411765
Q9BX67	1774	JAM3	Junctional adhesio	209	1	209	0.052631579	0.004784689	0.028708134
Q96JA1	1775	LRIG1	Leucine-rich repea	759	1	759	0.048748353	0.007905138	0.028326746
P51512	1776	MMP16	Matrix metallopro	444	1	444	0.022522523	0.015765766	0.019144144
O00533	1777	CHL1	Neural cell adhesi	1057	1	1057	0.046357616	0.022705771	0.034531693
Q9Y5N1	1778	HRH3	Histamine H3 rece	86	4	38	0.023255814	0.011627907	0.01744186
P10321	1779	HLA-C	HLA class I histoc	283	1	283	0.028268551	0.010600707	0.019434629
P98153	1780	DGCR2	Integral membran	328	1	328	0.012195122	0.076219512	0.044207317
Q13683	1781	ITGA7	Integrin alpha-7 [I	1048	1	1048	0.016221374	0.015267176	0.015744275
P16144	1782	ITGB4	Integrin beta-4 (G	682	1	682	0.030791789	0.026392962	0.028592375
Q8N109	1783	KIR2DL5A	Killer cell immuno	216	1	216	0.078703704	0.069444444	0.074074074
A6NHS7	1784	MANSC4	MANSC domain-c	259	1	259	0.1003861	0.146718147	0.123552124
Q96KJ4	1785	MSLNL	Mesothelin-like pr	602	1	602	0.049833887	0.066445183	0.058139535
Q9HC58	1786	SLC24A3	Sodium/potassiur	91	6	62	0.032967033	0.054945055	0.043956044
P31995	1787	FCGR2C	Low affinity immu	180	1	180	0.055555556	0.011111111	0.033333333
Q9H461	1788	FZD8	Frizzled-8 (Fz-8) (	361	4	247	0.024930748	0.033240997	0.029085873
Q04609	1789	FOLH1	Glutamate carbox	706	1	706	0.028328612	0.016997167	0.02266289
P18507	1790	GABRG2	Gamma-aminobut	233	1	233	0.030042918	0.021459227	0.025751073
Q99928	1791	GABRG3	Gamma-aminobut	236	1	236	0.029661017	0.012711864	0.021186441
Q99680	1792	GPR22	G-protein coupled	94	4	44	0	0.042553191	0.021276596
Q9ULK0	1793	GRID1	Glutamate recepto	712	2	541	0.019662921	0.018258427	0.018960674
Q9P1Z3	1794	HCN3	Potassium/sodiur	44	4	22	0.022727273	0	0.011363636
Q9H252	1795	KCNH6	Potassium voltage	71	4	43	0.056338028	0.014084507	0.035211268
Q8TDN2	1796	KCNV2	Potassium voltage	117	4	84	0.034188034	0	0.017094017
P32004	1797	L1CAM	Neural cell adhesi	1100	1	1100	0.040909091	0.026363636	0.033636364
Q5SZI1	1798	LDLRAD2	Low-density lipop	207	1	207	0	0.072463768	0.036231884
Q9NUN5	1799	LMBRD1	Lysosomal cobala	152	5	56	0.059210526	0.065789474	0.0625
Q9P244	1800	LRFN1	Leucine-rich repea	504	1	504	0.041666667	0.029761905	0.035714286
A6NI73	1801	LILRA5	Leukocyte immuno	226	1	226	0.061946903	0.017699115	0.039823009
Q8TDD5	1802	MCOLN3	Mucolipin-3 (Tran	224	4	199	0.017857143	0.013392857	0.015625
O14944	1803	EREG	Proepiregulin [Cle	59	1	59	0	0.016949153	0.008474576
F2Z333	1804	FNDC10	Fibronectin type II	161	1	161	0.031055901	0.031055901	0.031055901
O15197	1805	EPHB6	Ephrin type-B rece	562	1	562	0.056939502	0.049822064	0.053380783
P22607	1806	FGFR3	Fibroblast growth	352	1	352	0.045454545	0.03125	0.038352273
P51674	1807	GPM6A	Neuronal membra	104	2	64	0.028846154	0.019230769	0.024038462
P30968	1808	GNRHR	Gonadotropin-rele	86	4	37	0.081395349	0.058139535	0.069767442
Q7Z602	1809	GPR141	Probable G-protei	86	4	30	0.11627907	0.034883721	0.075581395
Q5T848	1810	GPR158	Probable G-protei	440	4	393	0.034090909	0.047727273	0.040909091
P16150	1811	SPN	Leukosialin (GPL1	233	1	233	0.326180258	0.39055794	0.358369099
Q86VH4	1812	LRRTM4	Leucine-rich repea	393	1	393	0.027989822	0.03562341	0.031806616
Q9H9K5	1813	ERVMER34-1	Endogenous retro	461	1	461	0.069414317	0.065075922	0.067245119
Q16478	1814	GRIK5	Glutamate recepto	688	2	529	0.039244186	0.024709302	0.031976744
Q6MZM0	1815	HEPHL1	Ferroxidase HEPH	1089	1	1089	0.029384757	0.012855831	0.021120294
P57087	1816	JAM2	Junctional adhesio	209	1	209	0.04784689	0.014354067	0.031100478
Q12809	1817	KCNH2	Potassium voltage	75	4	42	0.026666667	0.013333333	0.02
O75197	1818	LRP5	Low-density lipop	1352	1	1352	0	0.014792899	0.00739645
Q96MC6	1819	MFSD14A	Hippocampus abu	159	7	41	0.037735849	0.037735849	0.037735849
A8MWY0	1820	ELAPOR2	Endosome/lysoso	881	1	881	0.05107832	0.082860386	0.066969353

A8MVW0	1821	FAM171A2	Protein FAM171A	285	1	285	0.077192982	0.021052632	0.049122807
Q5VUB5	1822	FAM171A1	Protein FAM171A	281	1	281	0.060498221	0.010676157	0.035587189
Q9Y5Y0	1823	FLVCR1	Feline leukemia vi	63	6	19	0.031746032	0.015873016	0.023809524
Q9UF33	1824	EPHA6	Ephrin type-A rece	527	1	527	0.028462998	0.020872865	0.024667932
P11166	1825	SLC2A1	Solute carrier fam	74	6	32	0.054054054	0.027027027	0.040540541
Q6P531	1826	GGT6	Glutathione hydro	417	1	417	0.055155875	0.033573141	0.044364508
Q8TDV2	1827	GPR148	Probable G-protei	116	4	50	0.051724138	0.043103448	0.047413793
Q9BYW1	1828	SLC2A11	Solute carrier fam	70	6	28	0.042857143	0.028571429	0.035714286
P04233	1829	CD74	HLA class II histoc	223	1	223	0.031390135	0.080717489	0.056053812
Q9BQS7	1830	HEPH	Hephaestin (EC 1.	1086	1	1086	0.057090239	0.011970534	0.034530387
Q6UWM7	1831	LCTL	Lactase-like prote	518	1	518	0.017374517	0.011583012	0.014478764
Q7Z4F1	1832	LRP10	Low-density lipop	423	1	423	0	0.085106383	0.042553191
Q6UY18	1833	LINGO4	Leucine-rich repea	504	1	504	0.031746032	0.023809524	0.027777778
Q16819	1834	MEP1A	Meprin A subunit a	646	1	646	0.037151703	0.041795666	0.039473684
Q9BY79	1835	MFRP	Membrane frizzled	488	1	488	0.06352459	0.049180328	0.056352459
P17813	1836	ENG	Endoglin (CD antig	560	1	560	0.042857143	0.033928571	0.038392857
Q14416	1837	GRM2	Metabotropic glut	591	4	548	0.035532995	0.025380711	0.030456853
P02724	1838	GYPA	Glycophorin-A (M	71	1	71	0.267605634	0.225352113	0.246478873
Q9NZS2	1839	KLRF1	Killer cell lectin-lik	171	1	171	0.035087719	0.046783626	0.040935673
P46531	1840	NOTCH1	Neurogenic locus	1716	1	1716	0.032051282	0.044871795	0.038461538
P30550	1841	GRPR	Gastrin-releasing	99	4	37	0.02020202	0.050505051	0.035353535
P08069	1842	IGF1R	Insulin-like growth	194	1	194	0.072164948	0.06185567	0.067010309
P27930	1843	IL1R2	Interleukin-1 rece	329	1	329	0.048632219	0.018237082	0.03343465
P23229	1844	ITGA6	Integrin alpha-6 (I	1026	1	1026	0.023391813	0.022417154	0.022904483
O75581	1845	LRP6	Low-density lipop	1350	1	1350	0	0.013333333	0.006666667
Q8N387	1846	MUC15	Mucin-15 (MUC-1	212	1	212	0.183962264	0.216981132	0.200471698
Q14626	1847	IL11RA	Interleukin-11 rec	346	1	346	0.049132948	0.028901734	0.039017341
P05362	1848	ICAM1	Intercellular adhes	452	1	452	0.061946903	0.017699115	0.039823009
Q6UXL0	1849	IL20RB	Interleukin-20 rec	203	1	203	0.039408867	0.014778325	0.027093596
P31785	1850	IL2RG	Cytokine receptor	239	1	239	0.150627615	0.033472803	0.092050209
P04201	1851	MAS1	Proto-oncogene M	81	4	35	0	0.111111111	0.055555556
Q8IYS2	1852	KIAA2013	Uncharacterized p	548	1	548	0.02919708	0.012773723	0.020985401
Q9NZN1	1853	IL1RAPL1	Interleukin-1 rece	338	1	338	0.035502959	0.020710059	0.028106509
Q04900	1854	CD164	Sialomucin core p	138	1	138	0.31884058	0.311594203	0.315217391
O95944	1855	NCR2	Natural cytotoxicit	170	1	170	0.094117647	0.117647059	0.105882353
Q58DX5	1856	NAALADL2	Inactive N-acetyla	652	1	652	0.030674847	0.035276074	0.03297546
Q9GZQ6	1857	NPFFR1	Neuropeptide FF r	105	4	42	0.161904762	0.152380952	0.157142857
P69849	1858	NOMO3	Nodal modulator 3	1123	1	1123	0.039180766	0.011576135	0.025378451
Q8NFZ4	1859	NLGN2	Neuroligin-2	662	1	662	0.031722054	0.024169184	0.027945619
Q9UKJ1	1860	PILRA	Paired immunoglo	177	1	177	0.129943503	0.15819209	0.144067797
Q9UKJ0	1861	PILRB	Paired immunoglo	171	1	171	0.099415205	0.122807018	0.111111111
Q99463	1862	NPY6R	Putative neuropep	88	4	38	0.090909091	0.113636364	0.102272727
Q8NGT7	1863	OR2A12	Olfactory receptor	91	4	36	0.032967033	0.010989011	0.021978022
Q9Y5G8	1864	PCDHGA5	Protocadherin gar	662	1	662	0.033232628	0.003021148	0.018126888
P14867	1865	GABRA1	Gamma-aminobut	223	1	223	0.040358744	0.013452915	0.02690583
Q6DWJ6	1866	GPR139	Probable G-protei	72	4	28	0.027777778	0.055555556	0.041666667
P47775	1867	GPR12	G-protein coupled	88	4	47	0	0.068181818	0.034090909
P46091	1868	GPR1	G-protein coupled	108	4	40	0	0.009259259	0.00462963
P17693	1869	HLA-G	HLA class I histoc	283	1	283	0.010600707	0.003533569	0.007067138
Q01638	1870	IL1RL1	Interleukin-1 rece	309	1	309	0.045307443	0.029126214	0.037216828
P32927	1871	CSF2RB	Cytokine receptor	426	1	426	0.037558685	0.011737089	0.024647887
Q01344	1872	IL5RA	Interleukin-5 rece	321	1	321	0.046728972	0.037383178	0.042056075
A4D2G3	1873	OR2A25	Olfactory receptor	92	4	37	0.032608696	0.010869565	0.02173913
Q8NGZ0	1874	OR2AJ1	Olfactory receptor	92	4	36	0.02173913	0.010869565	0.016304348
Q8NGL0	1875	OR5L2	Olfactory receptor	94	4	35	0.031914894	0.021276596	0.026595745
Q8NGG6	1876	OR8B12	Olfactory receptor	94	4	36	0.053191489	0.031914894	0.042553191
Q8NGX8	1877	OR6Y1	Olfactory receptor	100	4	36	0.05	0.02	0.035
Q9GZK4	1878	OR2H1	Olfactory receptor	90	4	36	0.011111111	0.011111111	0.011111111
Q8NG95	1879	OR7G3	Olfactory receptor	95	4	36	0.031578947	0.021052632	0.026315789
Q8NGL4	1880	OR5D13	Olfactory receptor	96	4	35	0.052083333	0.010416667	0.03125
Q8NGL3	1881	OR5D14	Olfactory receptor	96	4	35	0.020833333	0.020833333	0.020833333
Q15116	1882	PDCD1	Programmed cell d	146	1	146	0.082191781	0.061643836	0.071917808
Q8IU57	1883	IFNLR1	Interferon lambda	207	1	207	0.057971014	0.019323671	0.038647343
Q92953	1884	KCNB2	Potassium voltage	49	4	19	0.020408163	0.020408163	0.020408163
Q9UIQ6	1885	LNPEP	Leucyl-cystinyl am	893	1	893	0.031354983	0.022396417	0.0268757
Q6NSJ5	1886	LRRC8E	Volume-regulated	98	2	72	0.030612245	0.020408163	0.025510204
Q99677	1887	LPAR4	Lysophosphatidic	103	4	42	0.058252427	0.077669903	0.067961165
P32245	1888	MC4R	Melanocortin rece	70	4	42	0.1	0.114285714	0.107142857
Q8IX19	1889	MCEMP1	Mast cell-express	80	1	80	0.0125	0.025	0.01875
P08473	1890	MME	Neprilysin (EC 3.4	698	1	698	0.015759312	0.011461318	0.013610315
P15529	1891	CD46	Membrane cofacto	308	1	308	0.081168831	0.068181818	0.074675325
P0C617	1892	OR5AL1	Olfactory receptor	114	4	43	0.00877193	0	0.004385965
Q8NHA4	1893	OR2AE1	Olfactory receptor	92	4	36	0.02173913	0.010869565	0.016304348
P0DN82	1894	OR12D1	Olfactory receptor	86	4	34	0.069767442	0.011627907	0.040697674
Q8NGS4	1895	OR13F1	Olfactory receptor	95	4	36	0.021052632	0.010526316	0.015789474
O95221	1896	OR5F1	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
Q8NGG2	1897	OR5T2	Olfactory receptor	133	4	63	0.037593985	0.015037594	0.026315789
P0C7N5	1898	OR8U9	Olfactory receptor	96	4	39	0.041666667	0.010416667	0.026041667
Q8NGQ5	1899	OR9Q1	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q8NH03	1900	OR2T3	Olfactory receptor	97	4	36	0.072164948	0.030927835	0.051546392
Q8NGH3	1901	OR2D3	Olfactory receptor	108	4	40	0.027777778	0.009259259	0.018518519
Q9Y585	1902	OR1A2	Olfactory receptor	91	4	36	0.032967033	0.010989011	0.021978022
A6NH00	1903	OR2T8	Olfactory receptor	93	4	36	0.032258065	0.021505376	0.02688172
Q6UWI2	1904	PARM1	Prostate androgen	237	1	237	0.278481013	0.362869198	0.320675105
Q96RD6	1905	PANX2	Pannexin-2	94	2	52	0.031914894	0.010638298	0.021276596
Q9Y5E1	1906	PCDHB9	Protocadherin bet	663	1	663	0.036199095	0.004524887	0.020361991
Q9NRJ7	1907	PCDHB16	Protocadherin bet	661	1	661	0.040847201	0.004538578	0.02269289
Q6GTX8	1908	LAIR1	Leukocyte-associa	143	1	143	0.076923077	0.076923077	0.076923077
Q9Y639	1909	NPTN	Neuroplastin (Stro	310	1	310	0.061290323	0.029032258	0.04516129
O60500	1910	NPHS1	Nephrin (Renal glo	1032	1	1032	0.04748062	0.016472868	0.031976744
P20916	1911	MAG	Myelin-associatec	496	1	496	0.038306452	0.016129032	0.027217742
Q16820	1912	MEP1B	Meprin A subunit I	629	1	629	0.066772655	0.036565978	0.051669316
Q92887	1913	ABCC2	ATP-binding cass	248	8	114	0	0.012096774	0.006048387
Q0D2K0	1914	NIPAL4	Magnesium transp	161	4	116	0.049689441	0.043478261	0.046583851
Q9UM47	1915	NOTCH3	Neurogenic locus	1603	1	1603	0.028072364	0.051154086	0.039613225
O60391	1916	GRIN3B	Glutamate recepto	701	2	541	0.031383738	0.008559201	0.019971469
Q9NPH5	1917	NOX4	NADPH oxidase 4	267	3	214	0.033707865	0.014981273	0.024344569
Q8NH59	1918	OR51Q1	Olfactory receptor	98	4	35	0.040816327	0.010204082	0.025510204
Q8NGI0	1919	OR52N2	Olfactory receptor	99	4	35	0.04040404	0.01010101	0.025252525
Q8NGE5	1920	OR10A7	Olfactory receptor	95	4	36	0.042105263	0.010526316	0.026315789
O14917	1921	PCDH17	Protocadherin-17	689	1	689	0.015965167	0.013062409	0.014513788
Q9Y5H7	1922	PCDHA5	Protocadherin alp	667	1	667	0.020989505	0.007496252	0.014242879
Q9UN74	1923	PCDHA4	Protocadherin alp	667	1	667	0.026986507	0.007496252	0.017241379
Q9Y5I4	1924	PCDHAC2	Protocadherin alp	665	1	665	0.02556391	0.007518797	0.016541353
Q9Y5H4	1925	PCDHGA1	Protocadherin gar	663	1	663	0.031674208	0.007541478	0.019607843
Q9Y5I1	1926	PCDHA11	Protocadherin alp	666	1	666	0.028528529	0.007507508	0.018018018
Q9Y5G1	1927	PCDHGB3	Protocadherin gar	660	1	660	0.025757576	0.009090909	0.017424242
P43088	1928	PTGFR	Prostaglandin F2-	87	4	30	0.068965517	0.045977011	0.057471264
A8MVS5	1929	HIDE1	Protein HIDE1	97	1	97	0.06185567	0.041237113	0.051546392
P46695	1930	IER3	Radiation-inducib	56	1	56	0.053571429	0.071428571	0.0625
P15260	1931	IFNGR1	Interferon gamma	227	1	227	0.052863436	0.022026432	0.037444934
Q5PT55	1932	SLC10A5	Sodium/bile acid c	160	5	122	0.0375	0.01875	0.028125
P49281	1933	SLC11A2	Natural resistance	82	6	37	0.036585366	0.048780488	0.042682927
P34903	1934	GABRA3	Gamma-aminobut	247	1	247	0.04048583	0.024291498	0.032388664

Q9NU53	1935	GINM1	Glycoprotein integ	244	1	244	0.036885246	0.057377049	0.047131148
A8MPY1	1936	GABRR3	Gamma-aminobut	252	2	242	0.01984127	0.03968254	0.029761905
Q8NFN8	1937	GPR156	Probable G-protei	101	4	46	0.089108911	0.108910891	0.099009901
Q86Z14	1938	KLB	Beta-klotho (BKL)	995	1	995	0.046231156	0.023115578	0.034673367
Q4KMZ8	1939	NKAIN1	Sodium/potassiur	75	2	63	0.04	0.013333333	0.026666667
O14786	1940	NRP1	Neuropilin-1 (Vas	834	1	834	0.027577938	0.03117506	0.029376499
P58401	1941	NRXN2	Neurexin-2-beta (	539	1	539	0.087198516	0.113172542	0.100185529
Q9UN75	1942	PCDHA12	Protocadherin alp	667	1	667	0.014992504	0.007496252	0.011244378
Q9Y5E8	1943	PCDHB15	Protocadherin bet	663	1	663	0.031674208	0.003016591	0.0173454
P59901	1944	LILRA4	Leukocyte immuni	422	1	422	0.052132701	0.030805687	0.041469194
P43657	1945	LPAR6	Lysophosphatidic	74	4	26	0.108108108	0.040540541	0.074324324
Q8N0W4	1946	NLGN4X	Neuroligin-4, X-lir	634	1	634	0.041009464	0.039432177	0.04022082
P28336	1947	NMBR	Neuromedin-B rec	101	4	40	0.128712871	0.118811881	0.123762376
Q9NZM6	1948	PKD2L2	Polycystic kidney	288	3	223	0.041666667	0.027777778	0.034722222
Q9P2S2	1949	NRXN2	Neurexin-2 (Neuri	1607	1	1607	0.04044804	0.048537648	0.044492844
Q8NGF0	1950	OR52B6	Olfactory receptor	117	4	44	0.025641026	0	0.012820513
Q9Y5E4	1951	PCDHB5	Protocadherin bet	658	1	658	0.044072948	0.006079027	0.025075988
O95206	1952	PCDH8	Protocadherin-8 (	719	1	719	0.083449235	0.015299026	0.049374131
Q9UBS5	1953	GABBR1	Gamma-aminobut	633	4	576	0.034755134	0.028436019	0.031595577
Q9UN88	1954	GABRQ	Gamma-aminobut	246	1	246	0.032520325	0.004065041	0.018292683
Q86XS8	1955	RNF130	E3 ubiquitin-prote	166	1	166	0.054216867	0.030120482	0.042168675
Q99679	1956	GPR21	Probable G-protei	69	4	31	0.057971014	0.086956522	0.072463768
O15218	1957	GPR182	G-protein coupled	110	4	56	0	0.072727273	0.036363636
Q9Y691	1958	KCNMB2	Calcium-activated	126	1	126	0.031746032	0.023809524	0.027777778
O75023	1959	LILRB5	Leukocyte immuni	434	1	434	0.039170507	0.029953917	0.034562212
Q7Z3D4	1960	LYSMD3	LysM and putative	216	1	216	0.027777778	0.097222222	0.0625
P41968	1961	MC3R	Melanocortin rece	65	4	36	0.092307692	0.076923077	0.084615385
P08100	1962	RHO	Rhodopsin (Opsin	85	4	35	0.094117647	0.070588235	0.082352941
Q8NH55	1963	OR52E5	Olfactory receptor	93	4	29	0.043010753	0.010752688	0.02688172
A6NHA9	1964	OR4C46	Olfactory receptor	104	4	39	0.048076923	0.009615385	0.028846154
Q13003	1965	GRIK3	Glutamate recepto	693	2	531	0.03030303	0.024531025	0.027417027
P51787	1966	KCNQ1	Potassium voltage	33	4	16	0.03030303	0.03030303	0.03030303
Q9H756	1967	LRRC19	Leucine-rich repea	245	1	245	0.053061224	0.07755102	0.065306122
P29376	1968	LTK	Leukocyte tyrosine	407	1	407	0.054054054	0.054054054	0.054054054
P42702	1969	LIFR	Leukemia inhibito	788	1	788	0.049492386	0.035532995	0.04251269
A0A1B0GTW7	1970	LMLN2	Leishmanolysin-lil	714	1	714	0	0	0
Q5XG99	1971	LYSMD4	LysM and putative	216	1	216	0.027777778	0.055555556	0.041666667
Q9Y5Y7	1972	LYVE1	Lymphatic vessel	218	1	218	0.123853211	0.128440367	0.126146789
P43121	1973	MCAM	Cell surface glyco	535	1	535	0.057943925	0.039252336	0.048598131
Q9UI40	1974	SLC24A2	Sodium/potassiur	110	5	72	0.045454545	0.090909091	0.068181818
O15394	1975	NCAM2	Neural cell adhesi	677	1	677	0.028064993	0.013293944	0.020679468
Q99466	1976	NOTCH4	Neurogenic locus	1423	1	1423	0.04075896	0.057624736	0.049191848
Q07444	1977	KLRC3	NKG2-E type II int	146	1	146	0.034246575	0.006849315	0.020547945
Q9Y4C0	1978	NRXN3	Neurexin-3 (Neuri	1540	1	1540	0.093506494	0.063636364	0.078571429
P35372	1979	OPRM1	Mu-type opioid re	106	4	67	0	0.160377358	0.080188679
Q8NGZ3	1980	OR13G1	Olfactory receptor	92	4	36	0.032608696	0.010869565	0.02173913
Q8NGR1	1981	OR13A1	Olfactory receptor	113	4	42	0.017699115	0.017699115	0.017699115
P58180	1982	OR4D2	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
Q8NG99	1983	OR7G2	Olfactory receptor	95	4	36	0.031578947	0.021052632	0.026315789
Q8NHB8	1984	OR5K2	Olfactory receptor	94	4	35	0.031914894	0.010638298	0.021276596
Q8NGG4	1985	OR8H1	Olfactory receptor	94	4	36	0.042553191	0.010638298	0.026595745
Q8NGD3	1986	OR4K5	Olfactory receptor	90	4	36	0.044444444	0.011111111	0.027777778
Q15622	1987	OR7A5	Olfactory receptor	95	4	36	0.042105263	0.010526316	0.026315789
A6NET4	1988	OR5K3	Olfactory receptor	86	4	31	0.023255814	0.011627907	0.01744186
Q8NGU2	1989	OR9A4	Olfactory receptor	95	4	36	0.031578947	0.021052632	0.026315789
P56373	1990	P2RX3	P2X purinoceptor	278	1	278	0.035971223	0.021582734	0.028776978
O95256	1991	IL18RAP	Interleukin-18 rec	336	1	336	0.023809524	0.014880952	0.019345238
P32942	1992	ICAM3	Intercellular adhes	455	1	455	0.072527473	0.037362637	0.054945055
P13612	1993	ITGA4	Integrin alpha-4 (	942	1	942	0.025477707	0.020169851	0.022823779
Q6UX15	1994	LAYN	Layilin	213	1	213	0.018779343	0.023474178	0.021126761
P55344	1995	LIM2	Lens fiber membra	61	2	41	0.032786885	0.016393443	0.024590164
Q8TD46	1996	CD200R1	Cell surface glyco	214	1	214	0.070093458	0.037383178	0.053738318
Q9BPV8	1997	P2RY13	P2Y purinoceptor	120	4	48	0.05	0.033333333	0.041666667
Q9NPC2	1998	KCNK9	Potassium channe	87	4	58	0.045977011	0.011494253	0.028735632
Q9NZR2	1999	LRP1B	Low-density lipop	4419	1	4419	0	0.038470242	0.019235121
Q86YC3	2000	NRROS	Transforming grov	631	1	631	0.031695721	0.034865293	0.033280507
Q96NI6	2001	LRFN5	Leucine-rich repea	511	1	511	0.109589041	0.046966732	0.078277886
O95297	2002	MPZL1	Myelin protein zer	126	1	126	0.19047619	0.015873016	0.103174603
Q9Y5G4	2003	PCDHGA9	Protocadherin gar	663	1	663	0.037707391	0.006033183	0.021870287
Q9Y5I2	2004	PCDHA10	Protocadherin alp	666	1	666	0.025525526	0.009009009	0.017267267
Q9NQS3	2005	NECTIN3	Nectin-3 (CDw11:	346	1	346	0.089595376	0.026011561	0.057803468
Q9H2C8	2006	OR51V1	Olfactory receptor	105	4	35	0.104761905	0	0.052380952
Q8NGY1	2007	OR10Z1	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q96RA2	2008	OR7D2	Olfactory receptor	95	4	36	0.042105263	0	0.021052632
Q8NGC5	2009	OR6J1	Olfactory receptor	94	4	36	0.042553191	0.010638298	0.026595745
Q9P1Q5	2010	OR1A1	Olfactory receptor	91	4	36	0.021978022	0.021978022	0.021978022
Q8NH06	2011	OR1P1	Olfactory receptor	113	4	50	0.03539823	0	0.017699115
O95838	2012	GLP2R	Glucagon-like pep	225	4	172	0.044444444	0.053333333	0.048888889
Q9UQ05	2013	KCNH4	Potassium voltage	94	4	44	0.010638298	0.031914894	0.021276596
Q14392	2014	LRRC32	Transforming grov	607	1	607	0.014827018	0.02306425	0.018945634
P08581	2015	MET	Hepatocyte growt	907	1	907	0.030871003	0.020948181	0.025909592
P04629	2016	NTRK1	High affinity nerve	390	1	390	0.046153846	0.051282051	0.048717949
P25189	2017	MPZ	Myelin protein P0	123	1	123	0.008130081	0.008130081	0.008130081
Q9UPR5	2018	SLC8A2	Sodium/calcium e	112	6	47	0.071428571	0.044642857	0.058035714
O15146	2019	MUSK	Muscle, skeletal re	471	1	471	0.057324841	0.036093418	0.04670913
Q8N130	2020	SLC34A3	Sodium-dependen	184	4	112	0.086956522	0.032608696	0.059782609
Q13563	2021	PKD2	Polycystin-2 (PC2	269	4	226	0.05204461	0.018587361	0.035315985
Q9NTG1	2022	PKDREJ	Polycystic kidney	1481	6	1164	0.034436192	0.020931803	0.027683997
Q15761	2023	NPY5R	Neuropeptide Y re	105	4	41	0.057142857	0.066666667	0.061904762
P08F94	2024	PKHD1	Fibrocystin (Polyc	3834	1	3834	0.039645279	0.03103808	0.03534168
P01133	2025	EGF	Pro-epidermal gro	1009	1	1009	0	0.065411298	0.032705649
Q14627	2026	IL13RA2	Interleukin-13 rec	316	1	316	0.028481013	0.025316456	0.026898734
Q13349	2027	ITGAD	Integrin alpha-D (	1081	1	1081	0.025901943	0.03052729	0.028214616
Q13797	2028	ITGA9	Integrin alpha-9 (I	951	1	951	0.027339642	0.014721346	0.021030494
P17181	2029	IFNAR1	Interferon alpha/b	408	1	408	0.039215686	0.024509804	0.031862745
P18564	2030	ITGB6	Integrin beta-6	687	1	687	0.026200873	0.045123726	0.0356623
Q96MU8	2031	KREMEN1	Kremen protein 1	371	1	371	0.061994609	0.04851752	0.055256065
Q8TDS7	2032	MRGPRD	Mas-related G-pro	100	4	32	0	0.07	0.035
Q8N2Q7	2033	NLGN1	Neuroligin-1	671	1	671	0.035767511	0.04023845	0.038002981
O15399	2034	GRIN2D	Glutamate recepto	726	2	556	0.023415978	0.012396694	0.017906336
Q06495	2035	SLC34A1	Sodium-dependen	213	4	161	0.061032864	0.014084507	0.037558685
Q15223	2036	NECTIN1	Nectin-1 (Herpes	324	1	324	0.061728395	0.030864198	0.046296296
P14778	2037	IL1R1	Interleukin-1 rece	318	1	318	0.031446541	0.01572327	0.023584906
Q6UXK2	2038	ISLR2	Immunoglobulin s	570	1	570	0.040350877	0.036842105	0.038596491
P06756	2039	ITGAV	Integrin alpha-V (	961	1	961	0.027055151	0.018730489	0.02289282
P26012	2040	ITGB8	Integrin beta-8	641	1	641	0.017160686	0.037441498	0.027301092
P43631	2041	KIR2DS2	Killer cell immuno	223	1	223	0.067264574	0.035874439	0.051569507
Q96KG7	2042	MEGF10	Multiple epiderma	831	1	831	0.08423586	0.087845969	0.086040915
Q16288	2043	NTRK3	NT-3 growth factc	397	1	397	0	0.037783375	0.018891688
Q96RD3	2044	OR52E6	Olfactory receptor	98	4	35	0.020408163	0.010204082	0.015306122
Q96R54	2045	OR14A2	Olfactory receptor	82	4	35	0.073170732	0.036585366	0.054878049
Q8NH81	2046	OR10G6	Olfactory receptor	114	4	45	0.01754386	0.00877193	0.013157895
Q8NGV5	2047	OR13D1	Olfactory receptor	127	4	56	0.031496063	0.031496063	0.031496063
Q8NH42	2048	OR4K13	Olfactory receptor	90	4	36	0.011111111	0.011111111	0.011111111

Q8NH41	2049	OR4K15	Olfactory receptor	114	4	48	0.052631579	0.01754386	0.035087719
P0DMU2	2050	OR8G3P	Putative olfactory	95	4	36	0.031578947	0.010526316	0.021052632
Q8NGQ6	2051	OR9I1	Olfactory receptor	95	4	36	0.052631579	0.010526316	0.031578947
Q6UXG2	2052	ELAPOR1	Endosome/lysoso	868	1	868	0.129032258	0.125576037	0.127304147
P40197	2053	GP5	Platelet glycoprot	506	1	506	0.033596838	0.035573123	0.03458498
Q99527	2054	GPER1	G-protein coupled	122	4	61	0	0.106557377	0.053278689
P43220	2055	GLP1R	Glucagon-like pep	166	4	115	0.042168675	0.024096386	0.03313253
Q8WUT4	2056	LRRN4	Leucine-rich repe	660	1	660	0.071212121	0.096969697	0.084090909
P51511	2057	MMP15	Matrix metallopro	493	1	493	0.018255578	0.010141988	0.014198783
Q9GZQ4	2058	NMUR2	Neuromedin-U rec	108	4	48	0.064814815	0.037037037	0.050925926
P21452	2059	TACR2	Substance-K rece	89	4	31	0.078651685	0.101123596	0.08988764
Q9UNW8	2060	GPR132	Probable G-protei	93	4	44	0.075268817	0.075268817	0.075268817
Q86SP6	2061	GPR149	Probable G-protei	74	4	34	0.067567568	0.081081081	0.074324324
P11169	2062	SLC2A3	Solute carrier fam	76	6	31	0.026315789	0.013157895	0.019736842
P04921	2063	GYPC	Glycophorin-C (Gl	56	1	56	0.321428571	0.267857143	0.294642857
Q8WWG9	2064	KCNE4	Potassium voltage	85	1	85	0.105882353	0.129411765	0.117647059
Q9HBX8	2065	LGR6	Leucine-rich repe	597	4	542	0.011725293	0.015075377	0.013400335
A6NMS7	2066	LRRC37A	Leucine-rich repe	1546	1	1546	0.067917206	0.130659767	0.099288486
Q86UE6	2067	LRRTM1	Leucine-rich repe	392	1	392	0.035714286	0.045918367	0.040816327
O76036	2068	NCR1	Natural cytotoxicit	236	1	236	0.050847458	0.012711864	0.031779661
O60721	2069	SLC24A1	Sodium/potassiur	484	5	451	0.136363636	0.233471074	0.184917355
Q8NGK4	2070	OR52K1	Olfactory receptor	98	4	35	0.040816327	0.020408163	0.030612245
Q96RD2	2071	OR52B2	Olfactory receptor	98	4	35	0.040816327	0.010204082	0.025510204
Q8NG84	2072	OR2AK2	Olfactory receptor	107	4	39	0.028037383	0.018691589	0.023364486
Q8NH95	2073	OR13C6P	Putative olfactory	43	2	26	0.11627907	0	0.058139535
Q8NGA5	2074	OR10H4	Olfactory receptor	96	4	36	0.041666667	0.020833333	0.03125
Q8NG94	2075	OR11H1	Olfactory receptor	103	4	43	0.029126214	0.019417476	0.024271845
Q8NGM1	2076	OR4C15	Olfactory receptor	88	4	36	0.022727273	0.011363636	0.017045455
P0DN78	2077	OPN1MW3	Medium-wave-se	96	4	51	0.21875	0.104166667	0.161458333
Q8NGL9	2078	OR4C16	Olfactory receptor	88	4	36	0.034090909	0.011363636	0.022727273
P0C7N8	2079	OR9G9	Olfactory receptor	86	4	40	0.069767442	0.011627907	0.040697674
Q8NGF8	2080	OR4B1	Olfactory receptor	88	4	36	0.079545455	0.011363636	0.045454545
Q8NGA1	2081	OR1M1	Olfactory receptor	93	4	37	0.043010753	0.010752688	0.02688172
Q8NG81	2082	OR2M7	Olfactory receptor	92	4	36	0.054347826	0.02173913	0.038043478
Q8NGS0	2083	OR1N1	Olfactory receptor	91	4	37	0.032967033	0.010989011	0.021978022
Q8N628	2084	OR2C3	Olfactory receptor	93	4	36	0.032258065	0.010752688	0.021505376
P30953	2085	OR1E1	Olfactory receptor	92	4	36	0.02173913	0.010869565	0.016304348
Q13607	2086	OR2F1	Olfactory receptor	92	4	39	0.032608696	0.010869565	0.02173913
Q8NG97	2087	OR2Z1	Olfactory receptor	92	4	36	0.02173913	0	0.010869565
Q13002	2088	GRIK2	Glutamate recept	691	2	529	0.054992764	0.017366136	0.03617945
Q9BZV3	2089	IMPG2	Interphotorecepto	1076	1	1076	0.05204461	0.151486989	0.101765799
P23276	2090	KEL	Kell blood group g	664	1	664	0.02560241	0.022590361	0.024096386
Q12908	2091	SLC10A2	Ileal sodium/bile a	103	4	38	0.029126214	0.009708738	0.019417476
Q8NH54	2092	OR56A3	Olfactory receptor	100	4	35	0.04	0.02	0.03
Q8NGX1	2093	OR2T34	Olfactory receptor	97	4	36	0.072164948	0.030927835	0.051546392
Q9UKH3	2094	ERVK-9	Endogenous retro	541	1	541	0.035120148	0.01663586	0.025878004
Q17R55	2095	FAM187B	Protein FAM187B	317	1	317	0.018927445	0.012618297	0.015772871
Q15375	2096	EPHA7	Ephrin type-A rece	527	1	527	0.028462998	0.024667932	0.026565465
Q92637	2097	FCGR1B	High affinity immu	182	1	182	0.076923077	0.027472527	0.052197802
Q8NGA4	2098	GPR32P1	Putative G-protein	94	3	45	0.042553191	0.085106383	0.063829787
Q9NYQ8	2099	FAT2	Protocadherin Fat	4029	1	4029	0.038719285	0.010176222	0.024447754
O14626	2100	GPR171	Probable G-protei	88	4	27	0.056818182	0.022727273	0.039772727
O75311	2101	GLRA3	Glycine receptor s	243	3	221	0.016460905	0.024691358	0.020576132
Q14943	2102	KIR3DS1	Killer cell immuno	318	1	318	0.072327044	0.034591195	0.053459119
P18627	2103	LAG3	Lymphocyte activa	427	1	427	0.088992974	0.023419204	0.056206089
P01130	2104	LDLR	Low-density lipop	766	1	766	0	0.05613577	0.028067885
Q9ULI3	2105	HEG1	Protein HEG homo	1218	1	1218	0.148604269	0.284893268	0.216748768
Q5VV43	2106	KIAA0319	Dyslexia-associat	934	1	934	0.059957173	0.085653105	0.072805139
Q9Y219	2107	JAG2	Protein jagged-2	1053	1	1053	0.025641026	0.062678063	0.044159544
P43632	2108	KIR2DS4	Killer cell immuno	223	1	223	0.076233184	0.044843049	0.060538117
Q09470	2109	KCNA1	Potassium voltage	64	4	33	0.0625	0.015625	0.0390625
Q8NCW0	2110	KREMEN2	Kremen protein 2	338	1	338	0.044378698	0.038461538	0.041420118
Q9HBW1	2111	LRRC4	Leucine-rich repe	488	1	488	0.06557377	0.06147541	0.06352459
P55082	2112	MFAP3	Microfibril-associa	128	1	128	0.046875	0.0234375	0.03515625
Q9NP99	2113	TREM1	Triggering recept	184	1	184	0.097826087	0.048913043	0.073369565
Q9UNG2	2114	TNFSF18	Tumor necrosis fa	127	1	127	0.015748031	0.015748031	0.015748031
Q9H1D0	2115	TRPV6	Transient recepto	63	4	36	0.031746032	0.015873016	0.023809524
Q96SJ8	2116	TSPAN18	Tetraspanin-18 (T	132	2	118	0.037878788	0.03030303	0.034090909
Q8IU80	2117	TMPRSS6	Transmembrane p	734	1	734	0.019073569	0.014986376	0.017029973
Q8NE00	2118	TMEM104	Transmembrane p	93	6	36	0.053763441	0.010752688	0.032258065
P19075	2119	TSPAN8	Tetraspanin-8 (Ts	118	2	95	0.016949153	0.025423729	0.021186441
Q96FV3	2120	TSPAN17	Tetraspanin-17 (T	140	2	118	0.021428571	0.028571429	0.025
Q8IZJ1	2121	UNC5B	Netrin receptor UN	350	1	350	0.025714286	0.04	0.032857143
Q96RI9	2122	TAAR9	Trace amine-asso	93	4	36	0.032258065	0.032258065	0.032258065
Q9NYW0	2123	TAS2R10	Taste receptor typ	80	4	36	0.025	0.025	0.025
P59537	2124	TAS2R43	Taste receptor typ	56	3	30	0.035714286	0.035714286	0.035714286
Q5T4T1	2125	TMEM170B	Transmembrane p	50	2	36	0.04	0.04	0.04
Q9NYV8	2126	TAS2R14	Taste receptor typ	56	4	33	0.125	0.053571429	0.089285714
O60637	2127	TSPAN3	Tetraspanin-3 (Ts	122	2	105	0.032786885	0.057377049	0.045081967
P59540	2128	TAS2R46	Taste receptor typ	56	3	30	0.035714286	0.035714286	0.035714286
A6NC51	2129	TMEM150B	Modulator of mac	40	3	22	0.025	0.025	0.025
Q9NT68	2130	TENM2	Teneurin-2 (Ten-a	2373	1	2373	0.028234303	0.016434893	0.022334598
Q8NHX9	2131	TPCN2	Two pore calcium	132	8	33	0.045454545	0.037878788	0.041666667
O00206	2132	TLR4	Toll-like receptor 4	607	1	607	0	0.02306425	0.011532125
P62079	2133	TSPAN5	Tetraspanin-5 (Ts	140	2	118	0.028571429	0.042857143	0.035714286
E5RIL1	2134	UPK3BL2	Uroplakin-3b-like	170	1	170	0.058823529	0.058823529	0.058823529
O15393	2135	TMPRSS2	Transmembrane p	386	1	386	0.03626943	0.03626943	0.03626943
Q24JP5	2136	TMEM132A	Transmembrane p	816	1	816	0.073529412	0.022058824	0.047794118
B6A8C7	2137	TARM1	T-cell-interacting,	219	1	219	0	0.027397260	0.01369863
Q9P0T7	2138	TMEM9	Proton-transportir	68	1	68	0.029411765	0.044117647	0.036764706
Q92956	2139	TNFRSF14	Tumor necrosis fa	163	1	163	0.055214724	0.085889571	0.070552147
Q86WS5	2140	TMPRSS12	Transmembrane p	303	1	303	0.01980198	0.01980198	0.01980198
A6NFA1	2141	TRABD2B	Metalloprotease T	474	1	474	0.052742616	0.069620253	0.061181435
Q69384	2142	ERVK-6	Endogenous retro	542	1	542	0.040590406	0.020295203	0.030442804
Q8NAU1	2143	FNDC5	Fibronectin type III	120	1	120	0.025	0.025	0.025
P08637	2144	FCGR3A	Low affinity immu	191	1	191	0.047120419	0.02617801	0.036649215
Q8TDW7	2145	FAT3	Protocadherin Fat	4121	1	4121	0.031060422	0.008493084	0.019776753
Q9UP38	2146	FZD1	Frizzled-1 (Fz-1) (	340	4	249	0.029411765	0.041176471	0.035294118
Q6PRD1	2147	GPR179	Probable G-protei	402	4	355	0.019900498	0.017412935	0.018656716
P14672	2148	SLC2A4	Solute carrier fam	81	6	35	0.086419753	0.024691358	0.055555556
P42701	2149	IL12RB1	Interleukin-12 rec	521	1	521	0.044145873	0.015355086	0.02975048
Q9HBE5	2150	IL21R	Interleukin-21 rec	212	1	212	0.04245283	0.004716981	0.023584906
Q8NI17	2151	IL31RA	Interleukin-31 rec	499	1	499	0.078156313	0.004008016	0.041082164
Q6UWL6	2152	KIRREL2	Kin of IRRE-like pr	489	1	489	0.040899796	0	0.020449898
P01135	2153	TGFA	Protransforming g	74	1	74	0.040540541	0.067567568	0.054054054
Q9P273	2154	TENM3	Teneurin-3 (Ten-a	2367	1	2367	0.033375581	0.008449514	0.020912548
Q86YD3	2155	TMEM25	Transmembrane p	205	1	205	0.058536585	0.009756098	0.034146341
Q6IEE7	2156	TMEM132E	Transmembrane p	867	1	867	0.056516724	0.031141869	0.043829296
O43493	2157	TGOLN2	Trans-Golgi netwo	359	1	359	0.094707521	0.245125348	0.169916435
P08138	2158	NGFR	Tumor necrosis fa	221	1	221	0.081447964	0.099547511	0.090497738
Q9Y6Q6	2159	TNFRSF11A	Tumor necrosis fa	182	1	182	0.043956044	0	0.021978022
P25445	2160	FAS	Tumor necrosis fa	147	1	147	0.034013605	0.074829932	0.054421769
O14788	2161	TNFSF11	Tumor necrosis fa	248	1	248	0.072580645	0.012096774	0.04233871
Q6ZMR5	2162	TMPRSS11A	Transmembrane p	381	1	381	0.020997375	0.028871391	0.024934383

P48023	2163 FASLG	Tumor necrosis fa	178	1	178	0.04494382	0.039325843	0.042134831
O60603	2164 TLR2	Toll-like receptor :	567	1	567	0	0.014109347	0.007054674
Q96J42	2165 TXNDC15	Thioredoxin doma	288	1	288	0.038194444	0.076388889	0.057291667
Q9UPZ6	2166 THSD7A	Thrombospondin t	1559	1	1559	0.036561899	0.089801155	0.063181527
Q07011	2167 TNFRSF9	Tumor necrosis fa	162	1	162	0.055555556	0.092592593	0.074074074
O95185	2168 UNC5C	Netrin receptor UI	339	1	339	0.029498525	0.002949853	0.016224189
Q9GZP7	2169 VN1R1	Vomeronasal type	123	4	55	0.06504065	0.008130081	0.036585366
P35916	2170 FLT4	Vascular endothel	750	1	750	0.029333333	0.004	0.016666667
Q9Y6M5	2171 SLC30A1	Zinc transporter 1	54	3	38	0.037037037	0	0.018518519
Q9NYW7	2172 TAS2R1	Taste receptor typ	57	4	32	0.01754386	0.035087719	0.026315789
Q03167	2173 TGFBR3	Transforming gro	766	1	766	0.019582245	0.006527415	0.01305483
Q6N022	2174 TENM4	Teneurin-4 (Ten-	2402	1	2402	0.030391341	0.01623647	0.023313905
Q86T26	2175 TMPRSS11B	Transmembrane p	377	1	377	0.034482759	0.039787798	0.037135279
Q9ULQ1	2176 TPCN1	Two pore calcium	84	7	34	0.071428571	0	0.035714286
P01375	2177 TNF	Tumor necrosis fa	176	1	176	0.028409091	0.039772727	0.034090909
Q13507	2178 TRPC3	Short transient re	125	3	50	0.04	0.016	0.028
O95857	2179 TSPAN13	Tetraspanin-13 (T	76	2	73	0.026315789	0.039473684	0.032894737
Q8NBL3	2180 TMEM178A	Transmembrane p	180	2	153	0.005555556	0.033333333	0.019444444
Q9NYV7	2181 TAS2R16	Taste receptor typ	63	3	35	0.031746032	0.031746032	0.031746032
P0DPE3	2182 TMDD1	Transmembrane a	190	1	190	0.021052632	0.042105263	0.031578947
Q969Z4	2183 RELT	Tumor necrosis fa	136	1	136	0.066176471	0.080882353	0.073529412
P19438	2184 TNFRSF1A	Tumor necrosis fa	181	1	181	0.038674033	0.016574586	0.027624309
Q7Z4N2	2185 TRPM1	Transient recepto	85	3	45	0	0	0
Q8NFZ6	2186 VN1R2	Vomeronasal type	118	4	55	0.042372881	0.016949153	0.029661017
Q6UX27	2187 VSTM1	V-set and transme	118	1	118	0	0.033898305	0.016949153
Q86TG1	2188 TMEM150A	Transmembrane p	72	3	51	0.027777778	0.027777778	0.027777778
P57738	2189 TCTA	T-cell leukemia tra	47	2	41	0	0.127659574	0.063829787
Q9NR96	2190 TLR9	Toll-like receptor !	792	1	792	0	0.021464646	0.010732323
Q9Y493	2191 ZAN	Zonadhesin	2739	1	2739	0.082876962	0.085067543	0.083972253
Q401N2	2192 ZACN	Zinc-activated liga	240	3	207	0	0.029166667	0.014583333
O00322	2193 UPK1A	Uroplakin-1a (UP:	140	2	117	0.085714286	0.042857143	0.064285714
O75445	2194 USH2A	Usherin (Usher sy	5010	1	5010	0.085828343	0.031137725	0.058483034
Q6H3X3	2195 RAET1G	UL-16 binding pro	197	1	197	0	0.045685279	0.02284264
Q05996	2196 ZP2	Zona pellucida spe	677	1	677	0.042836041	0.031019202	0.036927622
Q7Z5H4	2197 VN1R5	Vomeronasal type	29	4	11	0.034482759	0	0.017241379
P47901	2198 AVPR1B	Vasopressin V1b r	92	4	34	0.076086957	0.065217391	0.070652174
O43657	2199 TSPAN6	Tetraspanin-6 (Ts	111	2	93	0.018018018	0.036036036	0.027027027
B0FP48	2200 UPK3BL1	Uroplakin-3b-like	170	1	170	0.058823529	0.058823529	0.058823529
Q06418	2201 TYRO3	Tyrosine-protein k	388	1	388	0.06185567	0.033505155	0.047680412
Q8NFF2	2202 SLC24A4	Sodium/potassiur	91	5	58	0.054945055	0.054945055	0.054945055
Q16620	2203 NTRK2	BDNF/NT-3 grow	398	1	398	0.055276382	0.030150754	0.042713568
Q9HDB5	2204 NRXN3	Neurexin-3-beta (	526	1	526	0.114068441	0.178707224	0.146387833
Q96EP9	2205 SLC10A4	Sodium/bile acid c	196	4	102	0.096938776	0.107142857	0.102040816
Q8WWG1	2206 NRG4	Pro-neuregulin-4,	61	1	61	0	0.032786885	0.016393443
Q7Z442	2207 PKD1L2	Polycystic kidney	1643	7	1326	0.04686549	0.024345709	0.0356056
Q9H310	2208 RHBG	Ammonium transp	84	5	26	0.023809524	0.035714286	0.029761905
Q8IUW5	2209 RELL1	RELT-like protein	33	1	33	0.333333333	0.333333333	0.333333333
P49190	2210 PTH2R	Parathyroid hormo	186	4	118	0.032258065	0.021505376	0.02688172
P48146	2211 NPBWR2	Neuropeptides B/	92	4	44	0.108695652	0.097826087	0.10326087
Q8NGL6	2212 OR4A15	Olfactory receptor	118	4	52	0.050847458	0.033898305	0.042372881
Q8NH08	2213 OR10AC1	Olfactory receptor	70	4	25	0.071428571	0.014285714	0.042857143
Q8NGX5	2214 OR10K1	Olfactory receptor	95	4	36	0.021052632	0.021052632	0.021052632
Q8NGC9	2215 OR11H4	Olfactory receptor	105	4	36	0.047619048	0	0.023809524
Q8NGY0	2216 OR10X1	Olfactory receptor	108	4	40	0.018518519	0.018518519	0.018518519
Q8NGC8	2217 OR11H7	Olfactory receptor	83	4	37	0.060240964	0.012048193	0.036144578
Q15615	2218 OR4D1	Olfactory receptor	90	4	36	0.033333333	0.011111111	0.022222222
O95371	2219 OR2C1	Olfactory receptor	93	4	37	0.021505376	0.010752688	0.016129032
Q8N0Y5	2220 OR8I2	Olfactory receptor	94	4	35	0.074468085	0.010638298	0.042553191
Q6IF42	2221 OR2A2	Olfactory receptor	91	4	36	0.032967033	0.010989011	0.021978022
Q8NG85	2222 OR2L3	Olfactory receptor	91	4	36	0.054945055	0.021978022	0.038461538
P55085	2223 F2RL1	Proteinase-activa	73	4	34	0.054794521	0.109589041	0.082191781
O60486	2224 PLXNC1	Plexin-C1 (Virus-e	909	1	909	0.051705171	0.04730473	0.04950495
Q6UWV2	2225 MPZL3	Myelin protein zer	126	1	126	0.087301587	0.023809524	0.055555556
A6NM76	2226 OR6C76	Olfactory receptor	73	4	31	0.054794521	0.01369863	0.034246575
Q8NH57	2227 OR52P1P	Putative olfactory	98	4	35	0.040816327	0.010204082	0.025510204
Q8NH07	2228 OR11H2	Olfactory receptor	103	4	43	0.038834951	0.019417476	0.029126214
Q8NGI6	2229 OR4D10	Olfactory receptor	90	4	36	0.022222222	0.011111111	0.016666667
Q8NH10	2230 OR8U1	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
P47884	2231 OR1D4	Olfactory receptor	91	4	37	0.021978022	0.010989011	0.016483516
Q8NGR9	2232 OR1N2	Olfactory receptor	110	4	41	0.027272727	0.009090909	0.018181818
Q9H210	2233 OR2D2	Olfactory receptor	90	4	36	0.044444444	0.011111111	0.027777778
Q8NGP2	2234 OR8J1	Olfactory receptor	96	4	36	0.052083333	0.020833333	0.036458333
Q8NGG5	2235 OR8K1	Olfactory receptor	101	4	36	0.01980198	0.00990099	0.014851485
Q8NHC8	2236 OR2T6	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q96RI0	2237 F2RL3	Proteinase-activa	102	4	34	0.019607843	0.029411765	0.024509804
Q15391	2238 P2RY14	P2Y purinoceptor	96	4	28	0.072916667	0.072916667	0.072916667
P16389	2239 KCNA2	Potassium voltage	70	4	38	0.142857143	0	0.071428571
O60309	2240 LRRC37A3	Leucine-rich repe	1545	1	1545	0.065372168	0.132038835	0.098705502
O75096	2241 LRP4	Low-density lipop	1704	1	1704	0	0.031690141	0.01584507
Q9UBY5	2242 LPAR3	Lysophosphatidic	74	4	30	0.027027027	0.013513514	0.02027027
Q9H1C0	2243 LPAR5	Lysophosphatidic	88	4	29	0.079545455	0.102272727	0.090909091
P21439	2244 ABCB4	Phosphatidylcholi	100	5	44	0.04	0	0.02
Q6IFN5	2245 OR7E24	Olfactory receptor	113	4	42	0.03539823	0.008849558	0.022123894
Q9NZ53	2246 PODXL2	Podocalyxin-like p	467	1	467	0.062098501	0.124197002	0.093147752
P08575	2247 PTPRC	Receptor-type tyr	551	1	551	0.170598911	0.121597096	0.146098004
Q15256	2248 PTPRR	Receptor-type tyr	205	1	205	0.009756098	0	0.004878049
Q9NSD7	2249 RXFP3	Relaxin-3 recepto	133	4	80	0.037593985	0.067669173	0.052631579
Q9ULC0	2250 EMCN	Endomucin (Endo	171	1	171	0.251461988	0.362573099	0.307017544
Q8NET5	2251 NFAM1	NFAT activation m	120	1	120	0.083333333	0.016666667	0.05
Q14957	2252 GRIN2C	Glutamate recepto	704	2	534	0.03125	0.017045455	0.024147727
Q8NGH5	2253 OR56A1	Olfactory receptor	103	4	35	0.058252427	0.038834951	0.048543689
Q8TCB6	2254 OR51E1	Olfactory receptor	98	4	35	0.030612245	0.020408163	0.025510204
Q8NGD5	2255 OR4K14	Olfactory receptor	90	4	36	0.022222222	0.011111111	0.016666667
O60412	2256 OR7C2	Olfactory receptor	95	4	36	0.063157895	0.010526316	0.036842105
Q8NG98	2257 OR7D4	Olfactory receptor	95	4	36	0.031578947	0	0.015789474
Q8NG75	2258 OR5T1	Olfactory receptor	106	4	36	0.028301887	0.009433962	0.018867925
Q8N162	2259 OR8H2	Olfactory receptor	95	4	36	0.052631579	0.010526316	0.031578947
O95007	2260 OR6B1	Olfactory receptor	94	4	35	0.053191489	0.031914894	0.042553191
P47883	2261 OR3A4P	Putative olfactory	96	4	37	0.03125	0.010416667	0.020833333
Q8NH16	2262 OR2L2	Olfactory receptor	91	4	36	0.054945055	0.021978022	0.038461538
Q9BQ51	2263 PDCD1LG2	Programmed cell d	200	1	200	0.065	0.01	0.0375
O94856	2264 NFASC	Neurofascin	1192	1	1192	0.071308725	0.037751678	0.054530201
Q92692	2265 NECTIN2	Nectin-2 (Herpes	328	1	328	0.082317073	0.018292683	0.050304878
Q8NGI2	2266 OR52N4	Olfactory receptor	99	4	35	0.02020202	0.01010101	0.015151515
Q96R47	2267 OR2A14	Olfactory receptor	91	4	36	0.054945055	0.010989011	0.032967033
Q6IF99	2268 OR10K2	Olfactory receptor	95	4	36	0.021052632	0.021052632	0.021052632
Q96RB7	2269 OR5M11	Olfactory receptor	93	4	35	0.086021505	0.010752688	0.048387097
Q8NGV6	2270 OR5H6	Olfactory receptor	110	4	40	0.036363636	0.009090909	0.022727273
O43869	2271 OR2T1	Olfactory receptor	141	4	75	0.021276596	0.007092199	0.014184397
Q15612	2272 OR1Q1	Olfactory receptor	92	4	36	0.054347826	0.010869565	0.032608696
Q6IFH4	2273 OR6B2	Olfactory receptor	94	4	35	0.042553191	0.010638298	0.026595745
Q8NGG0	2274 OR8J3	Olfactory receptor	95	4	36	0.052631579	0.010526316	0.031578947
Q8NGQ3	2275 OR1S2	Olfactory receptor	105	4	37	0.038095238	0.00952381	0.023809524
Q96R45	2276 OR2A7	Olfactory receptor	91	4	36	0.032967033	0.010989011	0.021978022

Q8NG83	2277	OR2M3	Olfactory receptor	92	4	36	0.076086957	0.010869565	0.043478261
Q92508	2278	PIEZO1	Piezo-type mecha	233	1	233	0.025751073	0.004291845	0.015021459
Q8NFZ3	2279	NLGN4Y	Neuroligin-4, Y-lir	632	1	632	0.037974684	0.041139241	0.039556962
Q6IF63	2280	OR52W1	Olfactory receptor	102	4	35	0.039215686	0.009803922	0.024509804
Q8NH19	2281	OR10AG1	Olfactory receptor	86	4	36	0.011627907	0.011627907	0.011627907
Q8NGN5	2282	OR10G8	Olfactory receptor	92	4	36	0.065217391	0.010869565	0.038043478
Q8NGN8	2283	OR4A4P	Putative olfactory	88	4	36	0.034090909	0.022727273	0.028409091
P0C604	2284	OR4A8	Olfactory receptor	78	4	32	0.012820513	0.012820513	0.012820513
O76000	2285	OR2B3	Putative olfactory	92	4	36	0.010869565	0.010869565	0.010869565
P58173	2286	OR2B6	Olfactory receptor	92	4	36	0.032608696	0.02173913	0.027173913
Q8NGA0	2287	OR7G1	Olfactory receptor	90	4	41	0.033333333	0.022222222	0.027777778
Q8NGE7	2288	OR9K2	Olfactory receptor	120	4	49	0.025	0.025	0.025
Q8NGG3	2289	OR5T3	Olfactory receptor	124	4	54	0.056451613	0.016129032	0.036290323
Q8NGZ6	2290	OR6F1	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q8NGD1	2291	OR4N2	Olfactory receptor	90	4	36	0.022222222	0.011111111	0.016666667
P47893	2292	OR3A2	Olfactory receptor	101	4	37	0.03960396	0.00990099	0.024752475
Q8NGI9	2293	OR5A2	Olfactory receptor	101	4	41	0.02970297	0.00990099	0.01980198
P04000	2294	OPN1LW	Long-wave-sensit	96	4	51	0	0.104166667	0.052083333
Q6IEZ7	2295	OR2T5	Olfactory receptor	96	4	36	0.052083333	0	0.026041667
Q8NHB1	2296	OR2V1	Olfactory receptor	88	4	30	0.011363636	0.011363636	0.011363636
Q8NFJ6	2297	PROKR2	Prokineticin recep	126	4	53	0.166666667	0.015873016	0.091269841
P47804	2298	RGR	RPE-retinal G prot	60	4	23	0	0.05	0.025
Q9HCL0	2299	PCDH18	Protocadherin-18	671	1	671	0.037257824	0.013412817	0.02533532
Q9Y5H6	2300	PCDHA8	Protocadherin alp	667	1	667	0.017991004	0.005997001	0.011994003
Q9Y3Q0	2301	NAALAD2	N-acetylated-alph	708	1	708	0	0.018361582	0.009180791
Q8NGA6	2302	OR10H5	Olfactory receptor	95	4	36	0.031578947	0.010526316	0.021052632
Q8NGX6	2303	OR10R2	Olfactory receptor	115	4	44	0.017391304	0	0.008695652
Q8NGN7	2304	OR10D4P	Putative olfactory	91	4	36	0.054945055	0.021978022	0.038461538
Q8NGJ1	2305	OR4D6	Olfactory receptor	90	4	36	0.022222222	0	0.011111111
P0C623	2306	OR4Q2	Olfactory receptor	78	4	30	0.025641026	0.012820513	0.019230769
Q8NH83	2307	OR4A5	Olfactory receptor	87	4	35	0.034482759	0.011494253	0.022988506
P58170	2308	OR1D5	Olfactory receptor	91	4	37	0.021978022	0.010989011	0.016483516
Q8NGJ0	2309	OR5A1	Olfactory receptor	95	4	36	0.052631579	0.010526316	0.031578947
Q8NGY2	2310	OR6K2	Olfactory receptor	96	4	38	0.03125	0.010416667	0.020833333
Q8NH92	2311	OR1S1	Olfactory receptor	105	4	37	0.057142857	0.00952381	0.033333333
Q8NGG8	2312	OR8B3	Olfactory receptor	94	4	36	0.021276596	0	0.010638298
Q8NGZ4	2313	OR2G3	Olfactory receptor	92	4	36	0.043478261	0.010869565	0.027173913
Q8NGY9	2314	OR2L8	Olfactory receptor	91	4	36	0.10989011	0.021978022	0.065934066
Q8NGN2	2315	OR10S1	Olfactory receptor	107	4	37	0.074766355	0.009345794	0.042056075
Q9Y5G2	2316	PCDHGB2	Protocadherin gar	660	1	660	0.031818182	0.004545455	0.018181818
Q9Y5E9	2317	PCDHB14	Protocadherin bet	659	1	659	0.040971168	0.009104704	0.025037936
Q9Y5I0	2318	PCDHA13	Protocadherin alp	667	1	667	0.068965517	0.010494753	0.039730135
P51805	2319	PLXNA3	Plexin-A3 (Plexin-	1200	1	1200	0.039166667	0.0225	0.030833333
Q9HBL6	2320	LRTM1	Leucine-rich repe	260	1	260	0.034615385	0.038461538	0.036538462
Q99650	2321	OSMR	Oncostatin-M-spe	712	1	712	0.051966292	0.037921348	0.04494382
Q8TDS5	2322	OXER1	Oxoeicosanoid rec	156	4	96	0.102564103	0.128205128	0.115384615
Q6NUS6	2323	TCTN3	Tectonic-3	558	1	558	0.062724014	0.05734767	0.060035842
Q9NZC2	2324	TREM2	Triggering recepto	155	1	155	0.04516129	0.032258065	0.038709677
O60235	2325	TMPRSS11D	Transmembrane p	376	1	376	0.087765957	0.034574468	0.061170213
Q15399	2326	TLR1	Toll-like receptor	555	1	555	0	0.025225225	0.012612613
Q9NYK1	2327	TLR7	Toll-like receptor	812	1	812	0	0.030788177	0.015394089
Q9NQA5	2328	TRPV5	Transient recepto	41	2	36	0.024390244	0.024390244	0.024390244
O95858	2329	TSPAN15	Tetraspanin-15 (T	137	2	120	0.03649635	0.02189781	0.02919708
A6NDX4	2330	0	Putative transmer	100	1	100	0.09	0.05	0.07
Q9Y5U5	2331	TNFRSF18	Tumor necrosis fa	136	1	136	0.036764706	0.066176471	0.051470588
Q9UL62	2332	TRPC5	Short transient re	126	3	69	0.015873016	0.007936508	0.011904762
P07204	2333	THBD	Thrombomodulin	496	1	496	0.04233871	0.0625	0.052419355
O43557	2334	TNFSF14	Tumor necrosis fa	181	1	181	0.027624309	0.022099448	0.024861878
Q9BSN7	2335	TMEM204	Transmembrane p	88	2	76	0.011363636	0.022727273	0.017045455
O60602	2336	TLR5	Toll-like receptor !	618	1	618	0	0.022653722	0.011326861
Q5DID0	2337	UMODL1	Uromodulin-like 1	1250	1	1250	0.0592	0.0672	0.0632
Q7Z5H5	2338	VN1R4	Vomeronasal type	67	4	37	0.029850746	0.029850746	0.029850746
P32241	2339	VIPR1	Vasoactive intesti	158	4	111	0.044303797	0.03164557	0.037974684
P35968	2340	KDR	Vascular endothel	744	1	744	0.056451613	0.02688172	0.041666667
Q8TD43	2341	TRPM4	Transient recepto	56	4	34	0.035714286	0.035714286	0.035714286
P41587	2342	VIPR2	Vasoactive intesti	153	4	102	0.052287582	0.032679739	0.04248366
Q96BF3	2343	TMIGD2	Transmembrane a	127	1	127	0.023622047	0.023622047	0.023622047
O00220	2344	TNFRSF10A	Tumor necrosis fa	215	1	215	0.074418605	0.125581395	0.1
P20333	2345	TNFRSF1B	Tumor necrosis fa	234	1	234	0.111111111	0.162393162	0.136752137
Q93038	2346	TNFRSF25	Tumor necrosis fa	174	1	174	0.040229885	0.011494253	0.025862069
Q4V9L6	2347	TMEM119	Transmembrane p	70	1	70	0.157142857	0.185714286	0.171428571
P28908	2348	TNFRSF8	Tumor necrosis fa	366	1	366	0.213114754	0.161202186	0.18715847
Q9Y5S1	2349	TRPV2	Transient recepto	22	1	22	0	0	0
Q7RTX0	2350	TAS1R3	Taste receptor typ	593	4	549	0.02529511	0.02698145	0.02613828
Q86VR7	2351	VSIG10L	V-set and immunc	748	1	748	0	0.018716578	0.009358289
P25942	2352	CD40	Tumor necrosis fa	172	1	172	0.023255814	0.087209302	0.055232558
Q9NV12	2353	TMEM140	Transmembrane p	58	2	44	0.068965517	0.017241379	0.043103448
P32971	2354	TNFSF8	Tumor necrosis fa	171	1	171	0.040935673	0.029239766	0.035087719
Q7Z404	2355	TMC4	Transmembrane c	330	5	167	0.027272727	0.006060606	0.016666667
P0DKB5	2356	TPBGL	Trophoblast glyco	280	1	280	0.010714286	0.017857143	0.014285714
Q7Z7D3	2357	VTCN1	V-set domain-con	234	1	234	0	0.025641026	0.012820513
O14836	2358	TNFRSF13B	Tumor necrosis fa	164	1	164	0.012195122	0.036585366	0.024390244
Q9BYE2	2359	TMPRSS13	Transmembrane p	399	1	399	0.032581454	0.05764411	0.045112782
O43508	2360	TNFSF12	Tumor necrosis fa	206	1	206	0.014563107	0.029126214	0.02184466
O60636	2361	TSPAN2	Tetraspanin-2 (Ts	95	2	76	0.042105263	0.021052632	0.031578947
Q8IW00	2362	VSTM4	V-set and transme	156	1	156	0	0.038461538	0.019230769
P98155	2363	VLDLR	Very low-density l	769	1	769	0.031209363	0.058517555	0.044863459
P60852	2364	ZP1	Zona pellucida sp	575	1	575	0.071304348	0.069565217	0.070434783
P07550	2365	ADRB2	Beta-2 adrenergic	70	4	33	0.057142857	0.071428571	0.064285714
Q92482	2366	AQP3	Aquaporin-3 (AQF	54	3	33	0.055555556	0.018518519	0.037037037
P55087	2367	AQP4	Aquaporin-4 (AQF	39	4	18	0.051282051	0.051282051	0.051282051
P21730	2368	C5AR1	C5a anaphylatoxi	93	4	36	0.043010753	0.075268817	0.059139785
Q8IXH8	2369	CDH26	Cadherin-like prot	586	1	586	0.04778157	0.005119454	0.026450512
P04234	2370	CD3D	T-cell surface glyc	83	1	83	0	0.036144578	0.018072289
P55285	2371	CDH6	Cadherin-6 (Kidne	561	1	561	0.048128342	0.007130125	0.027629234
P42658	2372	DPP6	Dipeptidyl aminop	748	1	748	0.038770053	0.016042781	0.027406417
Q15768	2373	EFNB3	Ephrin-B3 (EPH-re	198	1	198	0.03030303	0.04040404	0.035353535
Q7Z407	2374	CSMD3	CUB and sushi do	3566	1	3566	0.049635446	0.068424004	0.059029725
Q14126	2375	DSG2	Desmoglein-2 (Ca	559	1	559	0.02862254	0.012522361	0.020572451
Q30154	2376	HLA-DRB5	HLA class II histoc	197	1	197	0.020304569	0.010152284	0.015228426
P01906	2377	HLA-DQA2	HLA class II histoc	193	1	193	0.046632124	0.03626943	0.041450777
P01909	2378	HLA-DQA1	HLA class II histoc	192	1	192	0.041666667	0.041666667	0.041666667
Q9HCC8	2379	GDPD2	Glycerophosphoin	316	3	280	0.012658228	0.037974684	0.025316456
Q6W3E5	2380	GDPD4	Glycerophosphodi	302	2	284	0.006622517	0.016556291	0.011589404
Q8WTR4	2381	GDPD5	Glycerophosphodi	320	3	282	0.05	0.053125	0.0515625
Q9NS67	2382	GPR27	Probable G-protei	75	4	22	0.08	0.026666667	0.053333333
O00270	2383	GPR31	12-(S)-hydroxy-5,	83	4	27	0	0.048192771	0.024096386
P98172	2384	EFNB1	Ephrin-B1 (EFL-3)	209	1	209	0.038277512	0.076555024	0.057416268
Q49SQ1	2385	GPR33	Probable G-protei	102	4	43	0.049019608	0.078431373	0.06372549
P52799	2386	EFNB2	Ephrin-B2 (EPH-re	201	1	201	0.089552239	0.089552239	0.089552239
Q9BZJ7	2387	GPR62	G-protein coupled	70	4	26	0	0.042857143	0.021428571
Q9BZJ6	2388	GPR63	Probable G-protei	134	4	80	0.156716418	0.104477612	0.130597015
Q96B86	10000	RGMA	Repulsive guidanc	255	1	255	0.039215686	0.011764706	0.025490196
P13987	10001	CD59	CD59 glycoprotein	76	1	76	0.039473684	0.026315789	0.032894737

P51654	10002 GPC3	Glypican-3 (GTR2	528	2	333	0.009469697	0.028409091	0.018939394
P15328	10003 FOLR1	Folate receptor al	209	1	209	0.028708134	0.023923445	0.026315789
P13385	10004 TDGF1	Teratocarcinoma-	119	1	119	0.016806723	0.042016807	0.029411765
Q9BZM5	10005 ULBP2	UL16-binding pro	190	1	190	0.031578947	0.026315789	0.028947368
P16444	10006 DPEP1	Dipeptidase 1 (EC	368	1	368	0.054347826	0.024456522	0.039402174
P06731	10007 CEACAM5	Carcinoembryonic	650	1	650	0.103076923	0.043076923	0.073076923
P08582	10008 MELTF	Melanotransferrin	689	1	689	0.015965167	0.01161103	0.013788099
P05187	10009 ALPP	Alkaline phosphat	483	1	483	0.039337474	0.026915114	0.033126294
Q9ULZ9	10010 MMP17	Matrix metallopro	439	1	439	0.011389522	0.027334852	0.019362187
Q9NPA2	10011 MMP25	Matrix metallopro	431	1	431	0.023201856	0.023201856	0.023201856
P07911	10012 UMOD	Uromodulin (Tam	1151	2	589	0.050390964	0.051259774	0.050825369
P22748	10013 CA4	Carbonic anhydra	265	1	265	0.011320755	0.022641509	0.016981132
O95868	10014 LY6G6D	Lymphocyte antig	84	1	84	0.035714286	0.023809524	0.029761905
P0CG37	10015 CFC1	Cryptic protein (Cr	132	1	132	0.022727273	0.075757576	0.049242424
P40199	10016 CEACAM6	Carcinoembryonic	285	1	285	0.09122807	0.045614035	0.068421053
P14384	10017 CPM	Carboxypeptidase	405	1	405	0.022222222	0.014814815	0.018518519
Q02246	10018 CNTN2	Contactin-2 (Axor	981	1	981	0.060142712	0.02038736	0.040265036
P08174	10019 CD55	Complement deca	318	1	318	0.113207547	0.106918239	0.110062893
P21589	10020 NT5E	5'-nucleotidase (5	522	1	522	0	0.009578544	0.004789272
P31997	10021 CEACAM8	Carcinoembryonic	285	1	285	0.098245614	0.038596491	0.068421053
P25063	10022 CD24	Signal transducer	32	1	32	0.53125	0.4375	0.484375
P31358	10023 CD52	CAMPATH-1 antig	11	1	11	0.181818182	0.454545455	0.318181818
P35052	10024 GPC1	Glypican-1 [Cleav	506	1	506	0.009881423	0.031620553	0.020750988
P14207	10025 FOLR2	Folate receptor be	213	1	213	0.014084507	0.042253521	0.028169014
Q6UWR7	10026 ENPP6	Glycerophosphocl	396	1	396	0.015151515	0.012626263	0.013888889
Q9GZZ7	10027 GFRA4	GDNF family rece	257	1	257	0.027237354	0.054474708	0.040856031
O95867	10028 LY6G6C	Lymphocyte antig	80	1	80	0.025	0.05	0.0375
Q13421	10029 MSLN	Mesothelin (CAK1	1128	3	569	0.016843972	0.029255319	0.023049645
Q9BZM4	10030 ULBP3	UL16-binding pro	187	1	187	0.021390374	0.016042781	0.018716578
Q9BZM6	10031 ULBP1	UL16-binding pro	190	1	190	0.063157895	0.015789474	0.039473684
P20827	10032 EFNA1	Ephrin-A1 (EPH-r	163	1	163	0.006134969	0.036809816	0.021472393
P08571	10033 CD14	Monocyte differer	672	2	347	0.02827381	0.03125	0.029761905
P55259	10034 GP2	Pancreatic secret	483	1	483	0.026915114	0.043478261	0.035196687
Q03405	10035 PLAUR	Urokinase plasmir	282	1	282	0.039007092	0.021276596	0.030141844
P04216	10036 THY1	Thy-1 membrane	110	1	110	0	0.036363636	0.018181818
Q9BZR6	10037 RTN4R	Reticulon-4 recep	420	1	420	0.035714286	0.054761905	0.045238095
Q5VY80	10038 RAET1L	UL16-binding pro	192	1	192	0.036458333	0.010416667	0.0234375
Q86UN2	10039 RTN4RL1	Reticulon-4 recep	395	1	395	0.035443038	0.055696203	0.04556962
P04156	10040 PRNP	Major prion protei	207	1	207	0.053140097	0.024154589	0.038647343
O75443	10041 TECTA	Alpha-tectorin	2068	1	2068	0.042553191	0.034816248	0.03868472
Q6NW40	10042 RGMB	Repulsive guidanc	367	1	367	0.040871935	0.054495913	0.047683924
Q9UKY0	10043 PRND	Prion-like protein	126	1	126	0.047619048	0.023809524	0.035714286
Q86UN3	10044 RTN4RL2	Reticulon-4 recep	343	1	343	0.034985423	0.037900875	0.036443149
Q14982	10045 OPCML	Opioid-binding pr	294	1	294	0.040816327	0.020408163	0.030612245
P10696	10046 ALPG	Alkaline phosphat	483	1	483	0.070393375	0.028985507	0.049689441
P0DP58	10047 LYNX1	Ly-6/neurotoxin-l	70	1	70	0	0	0
O95498	10048 VNN2	Vascular non-infla	470	1	470	0.085106383	0.021276596	0.053191489
Q93070	10049 ART4	Ecto-ADP-ribosylt	238	1	238	0	0.025210084	0.012605042
Q6ZVN8	10050 HJV	Hemojuvelin (Her	364	1	364	0.035714286	0.032967033	0.034340659
Q6UQ28	10051 PLET1	Placenta-expresse	161	1	161	0.062111801	0.043478261	0.052795031
Q6UWB4	10052 PRSS55	Serine protease 5	333	1	333	0.036036036	0.027027027	0.031531532
Q8TDM5	10053 SPACA4	Sperm acrosome r	77	1	77	0.077922078	0.012987013	0.045454545
Q9BY14	10054 TEX101	Testis-expressed	196	1	196	0.096938776	0.051020408	0.073979592
Q5BIV9	10055 SPRN	Shadow of prion p	101	1	101	0.03960396	0.03960396	0.03960396
Q6UWN0	10056 LYPD4	Ly6/PLAUR doma	198	1	198	0	0.04040404	0.02020202
Q7Z3B1	10057 NEGR1	Neuronal growth r	286	1	286	0.083916084	0.020979021	0.052447552
Q6UX82	10058 LYPD8	Ly6/PLAUR doma	195	1	195	0	0.071794872	0.035897436
Q7RTY9	10059 PRSS41	Serine protease 4	244	1	244	0.06557377	0.004098361	0.034836066
P52961	10060 ART1	GPI-linked NAD(P	272	1	272	0	0.022058824	0.011029412
P05186	10061 ALPL	Alkaline phosphat	483	1	483	0.047619048	0.033126294	0.040372671
O43280	10062 TREH	Trehalase (EC 3.2	532	1	532	0.011278195	0.013157895	0.012218045
Q96PL2	10063 TECTB	Beta-tectorin	287	1	287	0.020905923	0.013937282	0.017421603
P09923	10064 ALPI	Intestinal-type alk	483	1	483	0.043478261	0.02484472	0.034161491
O75326	10065 SEMA7A	Semaphorin-7A ((	603	1	603	0.014925373	0.028192371	0.021558872
P55290	10066 CDH13	Cadherin-13 (Hea	554	1	554	0.055956679	0.009025271	0.032490975
Q8N158	10067 GPC2	Glypican-2 [Cleav	530	1	530	0.013207547	0.030188679	0.021698113
Q12891	10068 HYAL2	Hyaluronidase-2 (	427	1	427	0.018735363	0.018735363	0.018735363
Q8NFP4	10069 MDGA1	MAM domain-con	913	1	913	0.033953998	0.023001095	0.028477547
Q7Z553	10070 MDGA2	MAM domain-con	905	1	905	0.044198895	0.020994475	0.032596685
O94772	10071 LY6H	Lymphocyte antig	89	1	89	0.04494382	0.011235955	0.028089888
Q17RY6	10072 LY6K	Lymphocyte antig	120	1	120	0.05	0.016666667	0.033333333
H3BQJ8	10073 LY6L	Lymphocyte antig	100	1	100	0.05	0.01	0.03
P78333	10074 GPC5	Glypican-5 [Cleav	527	1	527	0.018975332	0.051233397	0.035104364
Q12860	10075 CNTN1	Contactin-1 (Glyc	972	1	972	0.037037037	0.011316872	0.024176955
Q9P232	10076 CNTN3	Contactin-3 (Brair	982	1	982	0.048879837	0.021384929	0.035132383
Q8IWV2	10077 CNTN4	Contactin-4 (Brair	981	1	981	0.057084608	0.02038736	0.038735984
O94779	10078 CNTN5	Contactin-5 (Neur	1053	1	1053	0.047483381	0.01994302	0.0337132
Q9UQ52	10079 CNTN6	Contactin-6 (Neur	979	1	979	0.038815117	0.016343207	0.027579162
Q8IVL8	10080 CPO	Carboxypeptidase	331	1	331	0.03021148	0.024169184	0.027190332
P09326	10081 CD48	CD48 antigen (B-l	193	1	193	0.046632124	0.025906736	0.03626943
O95971	10082 CD160	CD160 antigen (N	268	2	134	0.059701493	0.029850746	0.044776119
O75015	10083 FCGR3B	Low affinity immu	183	1	183	0.049180328	0.032786885	0.040983607
Q9H4B8	10084 DPEP3	Dipeptidase 3 (EC	427	1	427	0.06088993	0.058548009	0.05971897
Q14002	10085 CEACAM7	Carcinoembryonic	206	1	206	0.160194175	0.029126214	0.094660194
P26992	10086 CNTFR	Ciliary neurotroph	319	1	319	0.097178683	0.053291536	0.07523511
Q6YHK3	10087 CD109	CD109 antigen (1	1398	1	1398	0.08297568	0.01788269	0.050429185
Q10588	10088 BST1	ADP-ribosyl cyclas	264	1	264	0	0.018939394	0.009469697
Q9H4A9	10089 DPEP2	Dipeptidase 2 (EC	430	1	430	0.048837209	0.058139535	0.053488372
P38567	10090 SPAM1	Hyaluronidase PH	454	1	454	0.033039648	0.015418502	0.024229075
Q13449	10091 LSAMP	Limbic system-ass	286	1	286	0.066433566	0.027972028	0.047202797
P56159	10092 GFRA1	GDNF family rece	404	1	404	0.03960396	0.047029703	0.043316832
Q8N6Q3	10093 CD177	CD177 antigen (H	386	1	386	0.044041451	0.028497409	0.03626943
O00451	10094 GFRA2	GDNF family rece	422	1	422	0.05450237	0.061611374	0.058056872
Q9Y625	10095 GPC6	Glypican-6 [Cleav	505	1	505	0.021782178	0.041584158	0.031683168
Q6UWN5	10096 LYPD5	Ly6/PLAUR doma	199	1	199	0	0.08040201	0.040201005
O60609	10097 GFRA3	GDNF family rece	342	1	342	0.035087719	0.040935673	0.038011696
Q8IV16	10098 GPIHBP1	Glycosylphosphat	130	1	130	0.084615385	0.069230769	0.076923077
Q8NI32	10099 LYPD6B	Ly6/PLAUR doma	124	1	124	0	0.016129032	0.008064516
P54826	10100 GAS1	Growth arrest-spe	278	1	278	0.017985612	0.043165468	0.03057554
O75487	10101 GPC4	Glypican-4 (K-gly	510	1	510	0.011764706	0.041176471	0.026470588
Q14210	10102 LY6D	Lymphocyte antig	77	1	77	0.051948052	0	0.025974026
Q16553	10103 LY6E	Lymphocyte antig	80	1	80	0.075	0.025	0.05
Q7RTW8	10104 OTOA	Otoancorin	1107	1	1107	0.028906956	0.043360434	0.036133695
Q6UXB3	10105 LYPD2	Ly6/PLAUR doma	80	1	80	0	0.0125	0.00625
Q8N2G4	10106 LYPD1	Ly6/PLAUR doma	96	1	96	0	0.020833333	0.010416667
Q13508	10107 ART3	Ecto-ADP-ribosylt	335	1	335	0	0.020895522	0.010447761
Q6UWM5	10108 GLIPR1L1	GLIPR1-like prote	198	1	198	0.025252525	0.025252525	0.025252525
Q496H8	10109 NRN1L	Neuritin-like prote	103	1	103	0.019417476	0.009708738	0.014563107
O95274	10110 LYPD3	Ly6/PLAUR doma	295	1	295	0	0.105084746	0.052542373
Q9Y2I2	10111 NTNG1	Netrin-G1 (Lamin	481	1	481	0.033264033	0.031185031	0.032224532
Q96CW9	10112 NTNG2	Netrin-G2 (Lamin	489	1	489	0.028629857	0.044989775	0.036809816
Q9NPD7	10113 NRN1	Neuritin	88	1	88	0.034090909	0	0.017045455
P23515	10114 OMG	Oligodendrocyte-r	392	1	392	0.12755102	0.104591837	0.116071429
O95497	10115 VNN1	Pantetheinase (Ec	469	1	469	0.040511727	0.014925373	0.02771855

O95980	10116	RECK	Reversion-inducin	919	1	919	0.020674646	0.041349293	0.03101197
Q9P121	10117	NTM	Neurotrimin (hNT,	287	1	287	0.055749129	0.027874564	0.041811847
O43653	10118	PSCA	Prostate stem cell	74	1	74	0.040540541	0.027027027	0.033783784
O14798	10119	TNFRSF10C	Tumor necrosis fa	210	1	210	0.157142857	0.176190476	0.166666667
Q9Y6M0	10120	PRSS21	Testisin (EC 3.4.2	246	1	246	0.048780488	0.008130081	0.028455285
O43895	10121	XPNPEP2	Xaa-Pro aminopep	627	1	627	0	0.020733652	0.010366826
O43921	10122	EFNA2	Ephrin-A2 (EPH-re	163	1	163	0.018404908	0.030674847	0.024539877
P52797	10123	EFNA3	Ephrin-A3 (EFL-2)	191	1	191	0.036649215	0.041884817	0.039267016
P52798	10124	EFNA4	Ephrin-A4 (EPH-re	144	1	144	0.027777778	0.027777778	0.027777778
P52803	10125	EFNA5	Ephrin-A5 (AL-1)	182	1	182	0.010989011	0.027472527	0.019230769