

Table SVII. T topological parameters of all nodes in the brown turquoise networks.

SUI D	Average shortest path length	Betweenness centrality	Closen ess central ity	Cluster ing coeffic ient	D e g r e e	Eccentricity	Is single node	Name	Neighb orhood connect ivity	No. of directe d edges	No. of undirec ted edges	Partner of multi edged node pairs	Radiality	Stress	Topological coefficient
78	1.0605	0.0786	0.9429	0.1392	98	3	FALSE	LDB2	137.6086	981	0	0	0.9879	926548	0.1335
163	1.0701	0.0663	0.9345	0.1419	97	3	FALSE	TEK	138.8992	972	0	0	0.9860	904564	0.1346
195	1.1191	0.0319	0.8936	0.1571	92	3	FALSE	KANK3	146.1573	922	0	0	0.9762	797444	0.1411
125	1.1326	0.0327	0.8830	0.1610	90	3	FALSE	CDH5	147.9615	908	0	0	0.9735	756914	0.1428
89	1.1364	0.0268	0.8800	0.1629	89	3	FALSE	EPAS1	148.8219	904	0	0	0.9727	739996	0.1437
123	1.1633	0.0316	0.8596	0.1715	87	3	FALSE	S1PR1	152.7071	874	0	0	0.9673	707830	0.1471
76	1.1739	0.0309	0.8519	0.1744	86	4	FALSE	ARHGA P6	153.9678	869	0	0	0.9652	678696	0.1493
254	1.1873	0.0180	0.8422	0.1811	85	3	FALSE	PCAT19	156.9308	852	0	0	0.9625	643290	0.1516
135	1.1912	0.0206	0.8395	0.1833	84	3	FALSE	CLEC3B /// EXOSC7 AKAP2	157.8524	847	0	0	0.9618	640014	0.1525
95	1.1969	0.0321	0.8355	0.1827	83	3	FALSE	/// PALM2- AKAP2	157.6599	838	0	0	0.9606	659574	0.1519
173	1.2008	0.0161	0.8328	0.1871	83	3	FALSE	GPM6A	159.4928	838	0	0	0.9598	619524	0.1541
244	1.2017	0.0158	0.8321	0.1877	83	3	FALSE	CYYR1	159.7344	836	0	0	0.9597	621212	0.1542
214	1.2113	0.0202	0.8255	0.1889	82	4	FALSE	RASIP1	160.2823	829	0	0	0.9577	616340	0.1552
97	1.2181	0.0133	0.8210	0.1945	82	3	FALSE	CAV1	162.6268	820	0	0	0.9564	584560	0.1571

115	1.2190	0.0127	0.8203	0.1952	81998	3	FALSE	EDNRB	162.9206	819	0	0	0.9562	583892	0.1574
262	1.2200	0.0157	0.8197	0.1937	81998	3	FALSE	NCKAP5	162.2955	819	0	0	0.9560	588054	0.1570
131	1.2248	0.0176	0.8165	0.1957	81555	4	FALSE	TCF21	163.0969	815	0	0	0.9550	581268	0.1579
103	1.2238	0.0136	0.8171	0.1969	81448	3	FALSE	ADIRF	163.6179	814	0	0	0.9552	577034	0.1581
201	1.2344	0.0122	0.8101	0.2004	80557	4	FALSE	RGCC	165.0621	805	0	0	0.9531	554732	0.1596
203	1.2488	0.0126	0.8008	0.2045	79117	4	FALSE	MMRN2	166.7674	791	0	0	0.9502	533500	0.1614
85	1.2728	0.0096	0.7857	0.2157	77007	4	FALSE	IGSF10	171.2649	770	0	0	0.9454	487986	0.1664
205	1.2728	0.0106	0.7857	0.2172	76447	3	FALSE	JAM2	171.8901	764	0	0	0.9454	492498	0.1662
199	1.2795	0.0104	0.7815	0.2178	76227	4	FALSE	LHFP	172.1339	762	0	0	0.9441	481336	0.1671
189	1.2834	0.0097	0.7792	0.2197	76007	4	FALSE	STARD13	172.8408	760	0	0	0.9433	471610	0.1681
260	1.2891	0.0087	0.7757	0.2244	74997	4	FALSE	GPIHBP1	174.7183	749	0	0	0.9422	466450	0.1691
242	1.3036	0.0120	0.7671	0.2256	73939	4	FALSE	PEAR1	175.2571	739	0	0	0.9393	449664	0.1705
228	1.2997	0.0080	0.7694	0.2303	73838	4	FALSE	CLEC14A	177.0352	738	0	0	0.9401	449790	0.1714
238	1.3007	0.0084	0.7688	0.2296	73535	3	FALSE	ECSCR	176.8136	735	0	0	0.9399	451102	0.1710
113	1.3180	0.0126	0.7587	0.2348	72626	4	FALSE	CDO1	178.7893	726	0	0	0.9364	448234	0.1746
157	1.3208	0.0072	0.7571	0.2382	72121	3	FALSE	KL	180.0999	721	0	0	0.9358	417098	0.1754
236	1.3199	0.0066	0.7576	0.2415	71911	4	FALSE	PLAC9	181.2865	719	0	0	0.9360	418780	0.1758

83	1.3228	0.0063	0.7560	0.2423	718	4	FALSE	FILIP1	181.5905	718	0	0	0.9354	410498	0.1765
250	1.3276	0.0066	0.7533	0.2421	715	4	FALSE	CCBE1	181.5273	715	0	0	0.9345	405290	0.1768
127	1.3285	0.0072	0.7527	0.2420	714	4	FALSE	TGFBR3	181.4986	714	0	0	0.9343	404026	0.1767
240	1.3276	0.0076	0.7533	0.2429	710	3	FALSE	MYZAP	181.9113	710	0	0	0.9345	411806	0.1764
274	1.3324	0.0066	0.7505	0.2454	706	4	FALSE	GRK5	182.8357	706	0	0	0.9335	402630	0.1773
111	1.3353	0.0066	0.7489	0.2474	703	4	FALSE	GNG11	183.5917	703	0	0	0.9329	397996	0.1781
169	1.3429	0.0071	0.7446	0.2454	700	4	FALSE	FAM107A	182.9043	700	0	0	0.9314	385190	0.1783
160	1.3497	0.0064	0.7409	0.2522	690	3	FALSE	CA4	185.4522	690	0	0	0.9301	377098	0.1804
177	1.3583	0.0055	0.7362	0.2583	685	4	FALSE	GRIA1	187.6146	685	0	0	0.9283	361716	0.1830
211	1.3593	0.0053	0.7357	0.2590	685	4	FALSE	HIGD1B	187.8555	685	0	0	0.9281	360154	0.1835
252	1.3535	0.0057	0.7388	0.2600	680	3	FALSE	FRMD3	188.3221	680	0	0	0.9293	373716	0.1821
181	1.3718	0.0055	0.7290	0.2632	670	4	FALSE	AGER	189.5224	670	0	0	0.9256	345758	0.1847
193	1.3708	0.0053	0.7295	0.2668	668	4	FALSE	KIAA1462	190.7710	668	0	0	0.9258	349074	0.1854
197	1.3794	0.0050	0.7249	0.2732	658	4	FALSE	FXYD6	193.0836	658	0	0	0.9241	337132	0.1875
256	1.3794	0.0072	0.7249	0.2688	655	3	FALSE	GIMAP8	191.7282	655	0	0	0.9241	364984	0.1858
167	1.3871	0.0047	0.7209	0.2751	654	4	FALSE	SGCG	193.8058	654	0	0	0.9226	324376	0.1889
187	1.3881	0.0051	0.7204	0.2704	654	4	FALSE	HEG1	192.2554	654	0	0	0.9224	324674	0.1876

171	1.3890	0.0045	0.7199	0.2781	6 5 0	4	FALSE	CRYAB	194.84 46	650	0	0	0.9222	321002	0.1895
91	1.3919	0.0058	0.7184	0.2708	6 4 8	4	FALSE	VWF	192.52 01	648	0	0	0.9216	321750	0.1875
99	1.4006	0.0042	0.7140	0.2834	6 4 2	4	FALSE	CAV2	196.71 34	642	0	0	0.9199	306480	0.1921
175	1.4006	0.0039	0.7140	0.2861	6 4 2	4	FALSE	CORO2 B	197.58 72	642	0	0	0.9199	304966	0.1930
109	1.4035	0.0053	0.7125	0.2800	6 3 9	4	FALSE	ADARB 1	195.71 52	639	0	0	0.9193	305666	0.1911
222	1.4111	0.0048	0.7086	0.2849	6 3 3	4	FALSE	INMT	197.42 50	633	0	0	0.9178	295864	0.1932
234	1.4131	0.0042	0.7077	0.2889	6 3 1	4	FALSE	PPP1R14 A	198.70 36	631	0	0	0.9174	292046	0.1944
207	1.4169	0.0037	0.7058	0.2944	6 2 6	4	FALSE	TMEM1 00	200.58 47	626	0	0	0.9166	286094	0.1961
129	1.4217	0.0042	0.7034	0.2949	6 2 0	4	FALSE	AOC3	200.92 10	620	0	0	0.9157	281902	0.1962
258	1.4284	0.0036	0.7001	0.3007	6 1 5	4	FALSE	SCN4B	202.84 72	615	0	0	0.9143	272858	0.1985
165	1.4371	0.0037	0.6959	0.3027	6 0 6	4	FALSE	FIGF /// PIR- FIGF	203.71 78	606	0	0	0.9126	264524	0.1993
73	1.4380	0.0102	0.6954	0.2968	5 9 5	3	FALSE	GIMAP6	202.41 34	595	0	0	0.9124	357676	0.1967
81	1.4486	0.0034	0.6903	0.3109	5 9 4	4	FALSE	LOC101 060604 /// SLC7A5 P1 /// SLC7A5 P2	206.46 13	594	0	0	0.9103	251124	0.2020
264	1.4524	0.0029	0.6885	0.3197	5 9 0	4	FALSE	LINC009 68	209.35 42	590	0	0	0.9095	244322	0.2048
153	1.4697	0.0027	0.6804	0.3314	5 7 3	4	FALSE	FOXF1	213.41 54	573	0	0	0.9061	225510	0.2090

151	1.4697	0.0026	0.6804	0.3329	571	4	FALSE	ABLM3	213.9299	571	0	0	0.9061	225362	0.2091
119	1.4745	0.0029	0.6782	0.3303	566	4	FALSE	CLDN5	213.4311	566	0	0	0.9051	222446	0.2086
107	1.4784	0.0025	0.6764	0.3374	564	4	FALSE	SLIT3	215.5018	564	0	0	0.9043	216666	0.2111
185	1.4774	0.0028	0.6769	0.3329	564	4	FALSE	MFAP4	214.2447	564	0	0	0.9045	219534	0.2096
360	1.4851	0.0028	0.6734	0.3351	558	4	FALSE	CLIC5	215.0842	558	0	0	0.9030	212696	0.2109
139	1.4813	0.0026	0.6751	0.3393	557	4	FALSE	CFD	216.3052	557	0	0	0.9037	214934	0.2110
220	1.4841	0.0028	0.6738	0.3325	555	4	FALSE	STXBP6	214.4378	555	0	0	0.9032	214928	0.2094
446	1.4918	0.0026	0.6703	0.3393	551	4	FALSE	ASPA	216.4791	551	0	0	0.9016	205526	0.2122
384	1.4947	0.0025	0.6690	0.3429	549	4	FALSE	PTPRM	217.6885	549	0	0	0.9011	202078	0.2136
322	1.4957	0.0033	0.6686	0.3362	541	3	FALSE	RTKN2	216.2366	541	0	0	0.9009	207418	0.2110
295	1.5091	0.0027	0.6626	0.3476	534	4	FALSE	TNNC1	219.6273	534	0	0	0.8982	190742	0.2155
93	1.5110	0.0022	0.6618	0.3621	527	4	FALSE	PKIG	224.2011	527	0	0	0.8978	185328	0.2189
87	1.5139	0.0023	0.6605	0.3579	526	4	FALSE	SPARCL1	222.9715	526	0	0	0.8972	184282	0.2182
149	1.5168	0.0031	0.6593	0.3486	526	4	FALSE	GHR	220.3802	526	0	0	0.8966	185512	0.2163
216	1.5216	0.0021	0.6572	0.3665	520	4	FALSE	VGLL3	225.6288	520	0	0	0.8957	175934	0.2212
141	1.5226	0.0022	0.6568	0.3662	518	4	FALSE	FXYD1	225.7375	518	0	0	0.8955	175470	0.2211
101	1.5283	0.0022	0.6543	0.3722	511	4	FALSE	FEZ1	227.6888	511	0	0	0.8943	170198	0.2228

121	1.5312	0.0020	0.6531	0.3758	508	4	FALSE	COX7A1	228.8169	508	0	0	0.8938	167254	0.2239
408	1.5303	0.0018	0.6535	0.3859	504	4	FALSE	FABP4	231.8512	504	0	0	0.8939	168984	0.2258
389	1.5370	0.0017	0.6506	0.3867	501	4	FALSE	PECAM1	232.3373	501	0	0	0.8926	160454	0.2271
218	1.5476	0.0017	0.6462	0.3908	494	4	FALSE	LIMS2	233.8239	494	0	0	0.8905	151656	0.2295
145	1.5485	0.0017	0.6458	0.3906	492	4	FALSE	BCHE	233.6545	492	0	0	0.8903	151820	0.2291
246	1.5476	0.0016	0.6462	0.3951	492	4	FALSE	GPR146	234.7724	492	0	0	0.8905	151096	0.2299
155	1.5504	0.0017	0.6450	0.3934	490	4	FALSE	KCNK3	234.7184	490	0	0	0.8899	149636	0.2301
224	1.5629	0.0016	0.6398	0.3964	478	4	FALSE	ESAM	236.4163	478	0	0	0.8874	140834	0.2320
517	1.5908	0.0014	0.6286	0.4230	450	4	FALSE	ANGPTL1	245.4644	450	0	0	0.8818	118806	0.2411
555	1.5937	0.0012	0.6275	0.4329	447	4	FALSE	AX748273	248.3311	447	0	0	0.8813	115370	0.2439
508	1.5994	0.0016	0.6252	0.4082	440	4	FALSE	CLEC1A	242.5818	440	0	0	0.8801	117686	0.2381
317	1.6081	0.0011	0.6219	0.4509	430	4	FALSE	HSPA12B	254.0535	430	0	0	0.8784	104660	0.2491
489	1.6234	0.0009	0.6160	0.4709	417	4	FALSE	ZNF106	260.6259	417	0	0	0.8753	93044	0.2563
448	1.6254	0.0009	0.6152	0.4758	415	4	FALSE	GDF10	261.5301	415	0	0	0.8749	91272	0.2572
248	1.6302	0.0011	0.6134	0.4518	411	4	FALSE	MAMDC2	255.9538	411	0	0	0.8740	93538	0.2519
539	1.6350	0.0010	0.6116	0.4683	404	4	FALSE	ANKRD29	261.1361	404	0	0	0.8730	88714	0.2565
496	1.6369	0.0010	0.6109	0.4679	402	4	FALSE	ARAP3	261.8383	402	0	0	0.8726	87834	0.2572

485	1.6523	0.0009	0.6052	0.4909	385	4	FALSE	CLDN18	268.8675	385	0	0	0.8695	77984	0.2639
519	1.6619	0.0008	0.6017	0.5018	379	4	FALSE	CFL2	272.3852	379	0	0	0.8676	71638	0.2684
529	1.6705	0.0007	0.5986	0.5178	365	4	FALSE	TSPAN18	278.7781	365	0	0	0.8659	66686	0.2733
230	1.6792	0.0010	0.5955	0.5026	351	4	FALSE	CNRIPI	276.3618	351	0	0	0.8642	68212	0.2696
147	1.6888	0.0005	0.5922	0.5590	347	4	FALSE	DACH1	290.8674	347	0	0	0.8622	54706	0.2854
505	1.6936	0.0005	0.5905	0.5681	345	4	FALSE	RAI2	293.4232	345	0	0	0.8613	51620	0.2888
467	1.7003	0.0005	0.5881	0.5512	338	4	FALSE	LRRN3	290.2870	338	0	0	0.8599	51658	0.2857
937	1.7012	0.0006	0.5878	0.5519	336	4	FALSE	FAM13C	291.3482	336	0	0	0.8598	51518	0.2865
474	1.7022	0.0005	0.5875	0.5522	334	4	FALSE	ERG	292.5808	334	0	0	0.8596	50984	0.2874
522	1.7128	0.0005	0.5838	0.5682	325	4	FALSE	OTUD1	298.0492	325	0	0	0.8574	45996	0.2934
1085	1.7224	0.0004	0.5806	0.5923	314	4	FALSE	AHNAK	305.7707	314	0	0	0.8555	40898	0.3007
483	1.7291	0.0004	0.5783	0.5855	308	4	FALSE	FAM189A2	304.8766	308	0	0	0.8542	39802	0.3001
628	1.7397	0.0006	0.5748	0.6102	295	4	FALSE	ITM2A	316.1763	295	0	0	0.8521	35232	0.3106
1028	1.7483	0.0003	0.5720	0.6485	287	4	FALSE	HSPB2	325.8502	287	0	0	0.8503	29560	0.3204
441	1.7550	0.0003	0.5698	0.6267	282	4	FALSE	FCN3	321.6418	282	0	0	0.8490	29726	0.3169
545	1.7550	0.0002	0.5698	0.6738	281	4	FALSE	COL6A6	333.9893	281	0	0	0.8490	25880	0.3287
232	1.7608	0.0002	0.5679	0.6783	274	4	FALSE	FIBIN	336.6679	274	0	0	0.8478	24632	0.3310

498	1.7637	0.0003	0.5670	0.6442	273	4	FALSE	LYVE1	331.1941	273	0	0	0.8473	26452	0.3263
137	1.7598	0.0003	0.5682	0.6487	272	4	FALSE	RAMP3	330.0515	272	0	0	0.8480	27522	0.3236
424	1.7685	0.0003	0.5655	0.6508	268	4	FALSE	KAL1	331.9776	268	0	0	0.8463	25396	0.3271
133	1.7714	0.0003	0.5645	0.6696	263	4	FALSE	SRPX	338.6426	263	0	0	0.8457	23384	0.3330
1178	1.7733	0.0002	0.5639	0.6856	262	4	FALSE	C2orf40	341.2252	262	0	0	0.8453	21782	0.3359
327	1.7781	0.0003	0.5624	0.6343	258	4	FALSE	SERTM1	331.1085	258	0	0	0.8444	24724	0.3262
674	1.7819	0.0002	0.5612	0.6850	251	4	FALSE	NOTCH4	347.0797	251	0	0	0.8436	20520	0.3409
1066	1.7867	0.0002	0.5597	0.6679	248	4	FALSE	ADH1B	341.0323	248	0	0	0.8427	20756	0.3357
686	1.7906	0.0002	0.5585	0.6567	245	4	FALSE	RAPGEF4	343.1429	245	0	0	0.8419	20694	0.3381
438	1.7935	0.0002	0.5576	0.7209	242	4	FALSE	BAI3	357.3430	242	0	0	0.8413	16370	0.3521
487	1.7906	0.0002	0.5585	0.7082	242	4	FALSE	GGCT	356.6901	242	0	0	0.8419	17772	0.3504
503	1.7935	0.0003	0.5576	0.6611	241	4	FALSE	EMCN	348.3278	241	0	0	0.8413	20050	0.3428
395	1.7954	0.0001	0.5570	0.7389	239	4	FALSE	PAICS	364.5481	239	0	0	0.8409	15004	0.3588
393	1.7963	0.0001	0.5567	0.7595	238	4	FALSE	ABLIM1	368.9034	238	0	0	0.8407	13782	0.3631
179	1.7954	0.0012	0.5570	0.7098	236	4	FALSE	SLIT2	358.6907	236	0	0	0.8409	103082	0.3520
472	1.8012	0.0002	0.5552	0.7232	234	4	FALSE	ACVRL1	363.2692	234	0	0	0.8398	15100	0.3579
936	1.8002	0.0001	0.5555	0.7697	234	4	FALSE	ITIH5	373.0556	234	0	0	0.8400	12718	0.3672

947	1.8031	0.0002	0.5546	0.6827	2 3	4	FALSE	ITGA1	356.82 76	232	0	0	0.8394	17350	0.3516
112 5	1.8021	0.0001	0.5549	0.7345	2 3	4	FALSE	LMCD1	365.87 93	232	0	0	0.8396	14444	0.3601
769	1.8060	0.0001	0.5537	0.7872	2 8	4	FALSE	KLF2	381.61 84	228	0	0	0.8388	11298	0.3756
117	1.8050	0.0001	0.5540	0.7418	2 6	4	FALSE	LTBP4	370.76 55	226	0	0	0.8390	13790	0.3639
117 6	1.8088	0.0001	0.5528	0.8073	2 5	4	FALSE	OR7E47 P	387.04 00	225	0	0	0.8382	9842	0.3809
427	1.8108	0.0001	0.5523	0.8142	2 3	4	FALSE	AGTR1	391.59 64	223	0	0	0.8378	9360	0.3854
421	1.8136	0.0002	0.5514	0.7279	2 0	4	FALSE	EMP2	371.38 64	220	0	0	0.8373	13600	0.3655
114 0	1.8136	0.0001	0.5514	0.7810	2 0	4	FALSE	RASL12	384.45 91	220	0	0	0.8373	10686	0.3784
307	1.8146	0.0001	0.5511	0.7841	2 1	4	FALSE	EFCC1	386.03 20	219	0	0	0.8371	10484	0.3800
493	1.8175	0.0001	0.5502	0.8035	2 1	4	FALSE	FZD4	394.58 41	214	0	0	0.8365	9444	0.3876
742	1.8223	0.0001	0.5488	0.7523	2 1	4	FALSE	ABCA6	379.54 98	211	0	0	0.8355	11272	0.3736
329	1.8232	0.0001	0.5485	0.7858	2 8	4	FALSE	FENDR R	394.25 48	208	0	0	0.8354	9696	0.3873
434	1.8242	0.0001	0.5482	0.8130	2 6	4	FALSE	ARHGE F15	403.54 85	206	0	0	0.8352	8452	0.3960
119 0	1.8271	0.0001	0.5473	0.8200	2 6	4	FALSE	AMOTL 1	402.84 47	206	0	0	0.8346	7746	0.3965
121 1	1.8252	0.0002	0.5479	0.7186	2 6	4	FALSE	SHANK 3	377.60 68	206	0	0	0.8350	12526	0.3709
116 4	1.8300	0.0002	0.5465	0.7093	2 0	4	FALSE	LINC003 12	377.89 66	203	0	0	0.8340	12320	0.3719
451	1.8329	0.0001	0.5456	0.8119	3 2 0 1	4	FALSE	ADRB2	404.53 73	201	0	0	0.8334	7662	0.3986

548	1.8367	0.0000	0.5445	0.8793	1 9 4	4	FALSE	ST6GAL NAC3	428.53 09	194	0	0	0.8327	5030	0.4210
122 6	1.8434	0.0000	0.5425	0.8728	1 8 9	4	FALSE	TMEM1 78A	429.76 19	189	0	0	0.8313	4674	0.4230
191	1.8425	0.0048	0.5428	0.7373	1 8 7	4	FALSE	SASH1	389.88 24	187	0	0	0.8315	281012	0.3834
461	1.8444	0.0000	0.5422	0.9000	1 8 6	4	FALSE	GPM6B	442.52 15	186	0	0	0.8311	3778	0.4347
109 0	1.8473	0.0001	0.5413	0.8388	1 8 6	4	FALSE	SYNM	424.45 16	186	0	0	0.8305	5608	0.4182
607	1.8482	0.0001	0.5411	0.7992	1 8 5	4	FALSE	PROM2	417.63 78	185	0	0	0.8304	6858	0.4115
226	1.8482	0.0001	0.5411	0.8089	1 8 4	4	FALSE	SYNPO2	411.72 28	184	0	0	0.8304	6616	0.4052
124 3	1.8492	0.0000	0.5408	0.8714	1 8 4	4	FALSE	DOK6	434.50 54	184	0	0	0.8302	4366	0.4281
115 5	1.8511	0.0000	0.5402	0.9083	1 8 1	4	FALSE	TBX3	449.72 38	181	0	0	0.8298	3066	0.4426
106 8	1.8521	0.0001	0.5399	0.8216	1 8 0	4	FALSE	CHRD1	417.37 22	180	0	0	0.8296	5982	0.4108
454	1.8521	0.0000	0.5399	0.8888	1 7 8	4	FALSE	NDRG2	444.89 33	178	0	0	0.8296	3810	0.4370
100 2	1.8540	0.0000	0.5394	0.8837	1 7 8	4	FALSE	MAL	442.81 46	178	0	0	0.8292	3712	0.4358
436	1.8569	0.0000	0.5385	0.9016	1 7 6	4	FALSE	PIP5K1B	448.69 89	176	0	0	0.8286	3044	0.4421
689	1.8530	0.0000	0.5397	0.8988	1 7 6	4	FALSE	WISP2	452.74 43	176	0	0	0.8294	3554	0.4443
714	1.8607	0.0000	0.5374	0.9218	1 7 2	4	FALSE	PROS1	462.83 72	172	0	0	0.8279	2300	0.4560
209	1.8626	0.0000	0.5369	0.9187	1 6 6	4	FALSE	TMEM2 04	469.81 33	166	0	0	0.8275	2580	0.4611
753	1.8626	0.0000	0.5369	0.9135	1 6 6	4	FALSE	NES	466.95 78	166	0	0	0.8275	2680	0.4583

122 2	1.8694	0.0000	0.5349	0.9490	6 3 1	4	FALSE	FAM162 B	483.97 55	163	0	0	0.8261	1350	0.4768
120 2	1.8722	0.0001	0.5341	0.8489	6 2 1	4	FALSE	PLEKH H2	450.73 46	162	0	0	0.8256	4040	0.4450
141 8	1.8722	0.0003	0.5341	0.7584	6 0 1	4	FALSE	THBD	418.86 88	160	0	0	0.8256	6528	0.4127
234 1	1.8703	0.0000	0.5347	0.9334	5 9 1	4	FALSE	HECW2	485.98 11	159	0	0	0.8259	1952	0.4774
113 1	1.8732	0.0000	0.5338	0.9406	5 8 1	4	FALSE	C14orf13 2	485.29 75	158	0	0	0.8254	1546	0.4777
183 3	1.8722	0.0000	0.5341	0.8975	5 7 1	4	FALSE	ERO1L	465.37 58	157	0	0	0.8256	2666	0.4571
704	1.8742	0.0000	0.5336	0.9457	5 6 1	4	FALSE	P2RY14	492.48 72	156	0	0	0.8252	1608	0.4843
103 8	1.8742	0.0000	0.5336	0.9388	5 5 1	4	FALSE	TNXA /// TNXB	485.10 97	155	0	0	0.8252	1652	0.4765
101 3	1.8770	0.0000	0.5328	0.9577	5 4 1	4	FALSE	KCNJ8	498.81 82	154	0	0	0.8246	1036	0.4910
963	1.8790	0.0000	0.5322	0.9715	5 3 1	4	FALSE	CTNNA L1	504.51 63	153	0	0	0.8242	662	0.4971
166 9	1.8790	0.0000	0.5322	0.9060	5 3 1	4	FALSE	SOSTDC 1	476.74 51	153	0	0	0.8242	2194	0.4697
237 1	1.8790	0.0000	0.5322	0.9561	5 3 1	4	FALSE	RP1- 78O14.1	496.72 55	153	0	0	0.8242	1020	0.4894
113 8	1.8780	0.0000	0.5325	0.9559	5 2 1	4	FALSE	PDLIM2	502.28 95	152	0	0	0.8244	1154	0.4939
112 3	1.8799	0.0000	0.5319	0.9688	5 1 1	4	FALSE	CAMK2 N1	506.49 67	151	0	0	0.8240	744	0.4985
105 8	1.8809	0.0000	0.5317	0.9523	5 0 1	4	FALSE	GPC3	498.04 67	150	0	0	0.8238	1132	0.4902
850	1.8799	0.0000	0.5319	0.9508	4 9 1	4	FALSE	ADCY4	501.86 58	149	0	0	0.8240	1292	0.4930
106 1	1.8818	0.0000	0.5314	0.9736	4 9	4	FALSE	ID4	515.05 37	149	0	0	0.8236	618	0.5069

1180	1.8818	0.0000	0.5314	0.9735	491	4	FALSE	C1QTNF2	511.1208	149	0	0	0.8236	612	0.5031
526	1.8838	0.0000	0.5309	0.9493	481	4	FALSE	NOSTRIN	494.6622	148	0	0	0.8232	1132	0.4874
960	1.8818	0.0000	0.5314	0.9604	471	4	FALSE	DES	514.2449	147	0	0	0.8236	1030	0.5052
1119	1.8847	0.0000	0.5306	0.8917	461	4	FALSE	OLFML1	482.3767	146	0	0	0.8231	2428	0.4748
1252	1.8847	0.0000	0.5306	0.9724	461	4	FALSE	RP11-295M18.6	519.7397	146	0	0	0.8231	618	0.5116
1241	1.8866	0.0000	0.5300	0.9636	451	4	FALSE	RP11-38P22.2	512.9793	145	0	0	0.8227	760	0.5054
1247	1.8857	0.0000	0.5303	0.9464	451	4	FALSE	TBX5-AS1	503.1862	145	0	0	0.8229	1304	0.4953
623	1.8847	0.0000	0.5306	0.9235	441	4	FALSE	CRIM1 /// LOC101929500	490.8681	144	0	0	0.8231	1664	0.4822
807	1.8847	0.0008	0.5306	0.7196	441	4	FALSE	OCIAD2	433.8264	144	0	0	0.8231	17860	0.4262
1082	1.8876	0.0000	0.5298	0.9779	441	4	FALSE	TCEAL2	524.3472	144	0	0	0.8225	456	0.5166
1188	1.8857	0.0000	0.5303	0.9779	431	4	FALSE	PKDCC	523.9371	143	0	0	0.8229	624	0.5147
1245	1.8895	0.0000	0.5292	0.9787	421	4	FALSE	MBNL1-AS1	528.7606	142	0	0	0.8221	426	0.5209
1258	1.8895	0.0000	0.5292	0.9723	421	4	FALSE	BMPER	527.5211	142	0	0	0.8221	554	0.5197
1087	1.8895	0.0000	0.5292	0.9726	411	4	FALSE	MYH10	522.7801	141	0	0	0.8221	558	0.5145
957	1.8915	0.0000	0.5287	0.9729	401	4	FALSE	PODXL	522.5071	140	0	0	0.8217	528	0.5148
2024	1.8915	0.0000	0.5287	0.9839	401	4	FALSE	MYRF	531.8643	140	0	0	0.8217	314	0.5240

117 4	1.8895	0.0000	0.5292	0.9745	1 3 9	4	FALSE	DENND 2A	527.35 97	139	0	0	0.8221	642	0.5180
223 9	1.8895	0.0000	0.5292	0.9713	1 3 9	4	FALSE	PCDH12	529.25 18	139	0	0	0.8221	718	0.5199
325 2	1.8895	0.0000	0.5292	0.9466	1 3 9	4	FALSE	SEMA3 G	517.05 04	139	0	0	0.8221	1208	0.5079
836	1.8905	0.0000	0.5290	0.9727	1 3 8	4	FALSE	TOX2	528.96 38	138	0	0	0.8219	712	0.5196
941	1.8924	0.0000	0.5284	0.9807	1 3 8	4	FALSE	RP11- 389C8.2	534.86 96	138	0	0	0.8215	388	0.5264
100 4	1.8934	0.0000	0.5282	0.9825	1 3 8	4	FALSE	EML1	536.35 51	138	0	0	0.8213	330	0.5284
110 9	1.8924	0.0000	0.5284	0.9823	1 3 8	4	FALSE	HOXA5	528.89 86	138	0	0	0.8215	348	0.5206
210 8	1.8934	0.0000	0.5282	0.9793	1 3 8	4	FALSE	CNTN6	529.30 43	138	0	0	0.8213	392	0.5215
710	1.8915	0.0000	0.5287	0.9487	1 3 7	4	FALSE	STARD8	521.51 82	137	0	0	0.8217	1138	0.5123
756	1.8943	0.0000	0.5279	0.9822	1 3 7	4	FALSE	PALMD	541.08 76	137	0	0	0.8211	332	0.5331
976	1.8934	0.0000	0.5282	0.9853	1 3 7	4	FALSE	S100A4	538.40 15	137	0	0	0.8213	292	0.5299
111 3	1.8915	0.0000	0.5287	0.9764	1 3 7	4	FALSE	ITGA8	531.68 61	137	0	0	0.8217	608	0.5223
123 3	1.8953	0.0000	0.5276	0.9817	1 3 6	4	FALSE	PLCXD3	540.47 06	136	0	0	0.8209	336	0.5325
294 3	1.8924	0.0000	0.5284	0.9683	1 3 6	4	FALSE	PCDH17	529.82 35	136	0	0	0.8215	726	0.5205
143	1.8924	0.0000	0.5284	0.9596	1 3 5	4	FALSE	SEMA5 A	523.60 74	135	0	0	0.8215	882	0.5138
382	1.8934	0.0000	0.5282	0.9831	1 3 5	4	FALSE	CD300L G	540.32 59	135	0	0	0.8213	486	0.5308
216 4	1.8963	0.0000	0.5274	0.9892	1 3 5	4	FALSE	NEK7	541.25 93	135	0	0	0.8207	196	0.5333

220 2	1.8963	0.0000	0.5274	0.9861	1 3 5	4	FALSE	C1orf115	541.12 59	135	0	0	0.8207	252	0.5331
401	1.8972	0.0000	0.5271	0.9542	1 3 4	4	FALSE	CDH3	521.94 03	134	0	0	0.8206	816	0.5142
116 0	1.8972	0.0000	0.5271	0.9844	1 3 4	4	FALSE	TRHDE	547.41 04	134	0	0	0.8206	278	0.5393
120 5	1.8982	0.0000	0.5268	0.9897	1 3 3	4	FALSE	IL17D	547.63 16	133	0	0	0.8204	180	0.5395
327 0	1.8953	0.0000	0.5276	0.9752	1 3 3	4	FALSE	PRX	540.69 17	133	0	0	0.8209	564	0.5311
621	1.8991	0.0000	0.5266	0.9867	1 3 2	4	FALSE	TSPAN7	553.40 15	132	0	0	0.8202	230	0.5452
860	1.8991	0.0000	0.5266	0.9552	1 3 2	4	FALSE	LOC101 928370	529.93 18	132	0	0	0.8202	782	0.5221
105 3	1.8991	0.0000	0.5266	0.9778	1 3 2	4	FALSE	CBFA2T 3	537.19 70	132	0	0	0.8202	384	0.5293
988	1.9001	0.0000	0.5263	0.9873	1 3 1	4	FALSE	WASF3	549.23 66	131	0	0	0.8200	220	0.5411
175 1	1.8972	0.0000	0.5271	0.9838	1 3 1	4	FALSE	GALNT1 8	548.29 77	131	0	0	0.8206	396	0.5386
199 5	1.9001	0.0000	0.5263	0.9824	1 3 1	4	FALSE	SSFA2	548.96 95	131	0	0	0.8200	300	0.5409
779	1.9011	0.0000	0.5260	0.9908	1 3 0	4	FALSE	CCDC10 2B	555.96 15	130	0	0	0.8198	154	0.5477
119 7	1.9001	0.0000	0.5263	0.9863	1 3 0	4	FALSE	MUSTN 1 /// TMEM1 10 /// TMEM1 10- MUSTN 1	553.04 62	130	0	0	0.8200	246	0.5443
146 0	1.8991	0.0001	0.5266	0.8478	1 3 0	4	FALSE	SLC50A 1	509.70 00	130	0	0	0.8202	3008	0.5012
105	1.8991	0.0000	0.5266	0.9565	1 2 9	4	FALSE	LMOD1	522.37 21	129	0	0	0.8202	862	0.5131

700	1.9020	0.0000	0.5258	0.9806	1 2 9	4	FALSE	BMP6	552.01 55	129	0	0	0.8196	320	0.5439
109 7	1.9011	0.0000	0.5260	0.9770	1 2 9	4	FALSE	TTC28	543.93 02	129	0	0	0.8198	410	0.5354
207 2	1.9020	0.0000	0.5258	0.9898	1 2 9	4	FALSE	SH3GL2	554.59 69	129	0	0	0.8196	168	0.5464
748	1.8991	0.0000	0.5266	0.9776	1 2 8	4	FALSE	GALNT7	547.69 53	128	0	0	0.8202	500	0.5375
102 5	1.9020	0.0000	0.5258	0.9906	1 2 8	4	FALSE	GSTM5	555.21 88	128	0	0	0.8196	160	0.5465
654	1.9030	0.0000	0.5255	0.9494	1 2 7	4	FALSE	LMO2	546.81 89	127	0	0	0.8194	908	0.5382
764	1.9039	0.0000	0.5252	0.9544	1 2 7	4	FALSE	LAGE3	540.99 21	127	0	0	0.8192	730	0.5330
113 3	1.9030	0.0000	0.5255	0.9883	1 2 7	4	FALSE	PLSCR4	557.89 76	127	0	0	0.8194	204	0.5491
209 2	1.9039	0.0000	0.5252	0.9799	1 2 7	4	FALSE	BDNF	548.81 10	127	0	0	0.8192	322	0.5407
302 9	1.9039	0.0000	0.5252	0.9513	1 2 7	4	FALSE	SLC6A4	532.20 47	127	0	0	0.8192	784	0.5243
651	1.9020	0.0000	0.5258	0.9747	1 2 6	4	FALSE	PDE2A	547.21 43	126	0	0	0.8196	554	0.5375
663	1.9020	0.0000	0.5258	0.9830	1 2 6	4	FALSE	ICAM2	560.17 46	126	0	0	0.8196	372	0.5503
115 1	1.9039	0.0000	0.5252	0.9863	1 2 6	4	FALSE	WFDC1	551.90 48	126	0	0	0.8192	226	0.5432
209 6	1.9049	0.0000	0.5250	0.9925	1 2 6	4	FALSE	CD36	562.42 86	126	0	0	0.8190	118	0.5541
345 6	1.9020	0.0000	0.5258	0.9811	1 2 6	4	FALSE	COX4I2	548.84 92	126	0	0	0.8196	354	0.5391
829	1.9049	0.0000	0.5250	0.9413	1 2 5	4	FALSE	GIMAP7	549.01 60	125	0	0	0.8190	1046	0.5404
114 9	1.9049	0.0000	0.5250	0.9916	1 2 5	4	FALSE	LOC101 930578 ///	565.16 80	125	0	0	0.8190	140	0.5563

								MRPS31 P5 /// THSD1							
123 7	1.9059	0.0000	0.5247	0.9863	1 2 5	4	FALSE	RNF182	561.67 20	125	0	0	0.8188	220	0.5534
195 8	1.9059	0.0000	0.5247	0.9956	1 2 5	4	FALSE	LOC100 996760	564.72 00	125	0	0	0.8188	68	0.5564
198 1	1.9059	0.0000	0.5247	0.9835	1 2 5	4	FALSE	ENO1	566.57 60	125	0	0	0.8188	256	0.5582
201 8	1.9059	0.0000	0.5247	0.9907	1 2 5	4	FALSE	KDR	565.94 40	125	0	0	0.8188	144	0.5576
203 8	1.9049	0.0000	0.5250	0.9877	1 2 5	4	FALSE	WIF1	556.79 20	125	0	0	0.8190	214	0.5480
638	1.9068	0.0000	0.5244	0.9908	1 2 4	4	FALSE	LAD1	574.01 61	124	0	0	0.8186	140	0.5655
671	1.9068	0.0001	0.5244	0.7885	1 2 4	4	FALSE	EFNA4	467.32 26	124	0	0	0.8186	3396	0.4604
107 9	1.9059	0.0000	0.5247	0.9910	1 2 4	4	FALSE	GATA6	570.33 06	124	0	0	0.8188	150	0.5613
100 6	1.9078	0.0000	0.5242	0.9944	1 2 3	4	FALSE	CA3	570.53 66	123	0	0	0.8184	84	0.5621
143 9	1.9078	0.0000	0.5242	0.9736	1 2 3	4	FALSE	RCC1	553.08 94	123	0	0	0.8184	396	0.5449
217 7	1.9049	0.0000	0.5250	0.9927	1 2 3	4	FALSE	CDKN1 C	570.32 52	123	0	0	0.8190	206	0.5602
183	1.9049	0.0000	0.5250	0.9117	1 2 2	4	FALSE	FMO2	533.38 52	122	0	0	0.8190	1542	0.5234
680	1.9087	0.0000	0.5239	0.9898	1 2 2	4	FALSE	CCL14 /// CCL15- CCL14	564.08 20	122	0	0	0.8183	150	0.5557
794	1.9059	0.0000	0.5247	0.9821	1 2 2	4	FALSE	CASKIN 2	566.55 74	122	0	0	0.8188	366	0.5565
110 2	1.9087	0.0000	0.5239	0.9949	1 2 2	4	FALSE	TMEM2 46	576.95 08	122	0	0	0.8183	76	0.5684

1986	1.9087	0.0000	0.5239	0.9724	1222	4	FALSE	PYCR1	559.6885	122	0	0	0.8183	408	0.5514
2950	1.9049	0.0000	0.5250	0.9312	1222	4	FALSE	RAMP2	536.5574	122	0	0	0.8190	1208	0.5266
696	1.9097	0.0000	0.5236	0.9826	1212	4	FALSE	SELP	573.9339	121	0	0	0.8181	252	0.5655
708	1.9068	0.0000	0.5244	0.9833	1212	4	FALSE	HYAL2	570.6942	121	0	0	0.8186	332	0.5606
847	1.9068	0.0000	0.5244	0.9847	1212	4	FALSE	LOC285812	562.8760	121	0	0	0.8186	302	0.5529
969	1.9068	0.0000	0.5244	0.9876	1212	4	FALSE	SYNPO	564.7355	121	0	0	0.8186	264	0.5548
1055	1.9087	0.0000	0.5239	0.9919	1212	4	FALSE	PTGIS	561.1901	121	0	0	0.8183	128	0.5524
1255	1.9087	0.0000	0.5239	0.9948	1212	4	FALSE	ANKRD22	580.6694	121	0	0	0.8183	80	0.5715
2335	1.9097	0.0000	0.5236	0.9937	1212	4	FALSE	PGM5-AS1	576.5950	121	0	0	0.8181	92	0.5681
2816	1.9068	0.0000	0.5244	0.9891	1212	4	FALSE	MIR6872 /// SEMA3B	576.1818	121	0	0	0.8186	250	0.5660
788	1.9107	0.0000	0.5234	0.9819	1200	4	FALSE	MYCT1	574.1417	120	0	0	0.8179	258	0.5657
2219	1.9107	0.0000	0.5234	0.9957	1200	4	FALSE	NPR3	577.8417	120	0	0	0.8179	66	0.5693
3265	1.9078	0.0000	0.5242	0.9860	1200	4	FALSE	TMEM74B	573.8083	120	0	0	0.8184	288	0.5637
625	1.9116	0.0000	0.5231	0.9865	1199	4	FALSE	CRABP2	582.0672	119	0	0	0.8177	190	0.5735
646	1.9116	0.0000	0.5231	0.9531	1199	4	FALSE	LRRC32	551.8403	119	0	0	0.8177	698	0.5437
985	1.9116	0.0000	0.5231	0.9960	1199	4	FALSE	PLCB4	585.9076	119	0	0	0.8177	56	0.5772

111 5	1.9116	0.0000	0.5231	0.9937	1 1 9	4	FALSE	LINC011 40	566.94 12	119	0	0	0.8177	88	0.5586
118 5	1.9135	0.0000	0.5226	0.9741	1 1 9	4	FALSE	TANC1	562.91 60	119	0	0	0.8173	488	0.5557
286 7	1.9116	0.0000	0.5231	0.9929	1 1 9	4	FALSE	SLCO2A 1	576.29 41	119	0	0	0.8177	100	0.5678
300 7	1.9087	0.0000	0.5239	0.9880	1 1 9	4	FALSE	UPK3B	576.78 15	119	0	0	0.8183	272	0.5666
323 0	1.9087	0.0000	0.5239	0.9882	1 1 9	4	FALSE	LAMC3	570.74 79	119	0	0	0.8183	250	0.5607
344 9	1.9116	0.0000	0.5231	0.9912	1 1 9	4	FALSE	LOC101 928612	561.37 82	119	0	0	0.8177	124	0.5531
348 3	1.9116	0.0000	0.5231	0.9933	1 1 9	4	FALSE	GKN2	572.82 35	119	0	0	0.8177	98	0.5644
718	1.9126	0.0000	0.5229	0.9371	1 1 8	4	FALSE	TMED3	548.72 03	118	0	0	0.8175	892	0.5406
170 4	1.9126	0.0000	0.5229	0.9942	1 1 8	4	FALSE	LOC100 506725	580.92 37	118	0	0	0.8175	80	0.5723
216 2	1.9126	0.0000	0.5229	0.9987	1 1 8	4	FALSE	SECISB P2L	581.79 66	118	0	0	0.8175	18	0.5732
278 2	1.9126	0.0000	0.5229	0.9945	1 1 8	4	FALSE	TJP1	584.55 08	118	0	0	0.8175	80	0.5759
285 5	1.9097	0.0000	0.5236	0.9919	1 1 8	4	FALSE	HBA1 /// HBA2	581.73 73	118	0	0	0.8181	224	0.5715
660	1.9107	0.0000	0.5234	0.9847	1 1 7	4	FALSE	SRD5A1	587.34 19	117	0	0	0.8179	306	0.5770
993	1.9107	0.0000	0.5234	0.9907	1 1 7	4	FALSE	PRELP	565.45 30	117	0	0	0.8179	226	0.5555
109 2	1.9135	0.0000	0.5226	0.9531	1 1 7	4	FALSE	JAM3	536.52 14	117	0	0	0.8173	662	0.5286
210 6	1.9135	0.0000	0.5226	0.9951	1 1 7	4	FALSE	SMAD6	581.00 00	117	0	0	0.8173	66	0.5724
216 8	1.9155	0.0000	0.5221	0.9937	1 1 7	4	FALSE	ANKS1 A	580.69 23	117	0	0	0.8169	86	0.5732

333 6	1.9145	0.0000	0.5223	0.9920	1 1 7	4	FALSE	NPNT	575.59 83	117	0	0	0.8171	120	0.5677
333 9	1.9135	0.0000	0.5226	0.9932	1 1 7	4	FALSE	PRICKL E2	581.94 87	117	0	0	0.8173	96	0.5733
346 2	1.9135	0.0000	0.5226	0.9951	1 1 7	4	FALSE	MCEMP 1	586.91 45	117	0	0	0.8173	66	0.5782
810	1.9145	0.0000	0.5223	0.9919	1 1 6	4	FALSE	SPNS2	591.02 59	116	0	0	0.8171	108	0.5823
951	1.9155	0.0000	0.5221	0.9916	1 1 6	4	FALSE	DPYSL2	579.97 41	116	0	0	0.8169	122	0.5720
121 3	1.9145	0.0000	0.5223	0.9951	1 1 6	4	FALSE	ZNF25	579.84 48	116	0	0	0.8171	66	0.5713
212 2	1.9145	0.0000	0.5223	0.9963	1 1 6	4	FALSE	ATP2A2	589.21 55	116	0	0	0.8171	50	0.5805
212 8	1.9135	0.0000	0.5226	0.9976	1 1 6	4	FALSE	RARRES 2	582.50 86	116	0	0	0.8173	38	0.5733
214 0	1.9145	0.0000	0.5223	0.9966	1 1 6	4	FALSE	ABCG2	590.12 07	116	0	0	0.8171	46	0.5814
235 3	1.9116	0.0000	0.5231	0.9894	1 1 6	4	FALSE	LINC007 02	578.14 66	116	0	0	0.8177	230	0.5679
341 7	1.9145	0.0000	0.5223	0.9988	1 1 6	4	FALSE	TINCR	581.32 76	116	0	0	0.8171	16	0.5727
949	1.9145	0.0000	0.5223	0.9941	1 1 5	4	FALSE	GAS6	574.75 65	115	0	0	0.8171	78	0.5657
117 2	1.9174	0.0000	0.5215	0.9928	1 1 5	4	FALSE	C1orf21	578.87 83	115	0	0	0.8165	94	0.5714
196 1	1.9155	0.0000	0.5221	0.9982	1 1 5	4	FALSE	MIR1204 /// PVT1	598.07 83	115	0	0	0.8169	24	0.5892
201 3	1.9155	0.0000	0.5221	0.9941	1 1 5	4	FALSE	DNAJB4	590.86 96	115	0	0	0.8169	78	0.5821
215 5	1.9126	0.0000	0.5229	0.9916	1 1 5	4	FALSE	SGCA	575.43 48	115	0	0	0.8175	190	0.5653
296 8	1.9174	0.0000	0.5215	0.9933	1 1 5	4	FALSE	SFTPC	578.69 57	115	0	0	0.8165	88	0.5713

107 3	1.9135	0.0000	0.5226	0.9915	1 1 4	4	FALSE	LPHN3	591.09 65	114	0	0	0.8173	170	0.5806
195 1	1.9155	0.0000	0.5221	0.9807	1 1 4	4	FALSE	TACC1	592.23 68	114	0	0	0.8169	284	0.5829
304 4	1.9164	0.0000	0.5218	0.9966	1 1 4	4	FALSE	SAP18	593.64 04	114	0	0	0.8167	44	0.5849
327 7	1.9164	0.0000	0.5218	0.9977	1 1 4	4	FALSE	CCDC68	592.05 26	114	0	0	0.8167	34	0.5833
336 8	1.9164	0.0000	0.5218	0.9980	1 1 4	4	FALSE	FGF11	596.10 53	114	0	0	0.8167	26	0.5873
618	1.9174	0.0000	0.5215	0.9975	1 1 3	4	FALSE	ST14	603.27 43	113	0	0	0.8165	32	0.5944
971	1.9174	0.0000	0.5215	0.9779	1 1 3	4	FALSE	C7	570.61 06	113	0	0	0.8165	308	0.5622
213 8	1.9145	0.0000	0.5223	0.9888	1 1 3	4	FALSE	TMEM4 7	591.38 94	113	0	0	0.8171	222	0.5809
228 6	1.9174	0.0000	0.5215	0.9932	1 1 3	4	FALSE	PCGF5	601.36 28	113	0	0	0.8165	86	0.5925
318 7	1.9145	0.0000	0.5223	0.9900	1 1 3	4	FALSE	EGFL7	579.48 67	113	0	0	0.8171	150	0.5692
631	1.9183	0.0000	0.5213	0.9863	1 1 2	4	FALSE	STK39	599.50 00	112	0	0	0.8163	170	0.5906
110 6	1.9183	0.0000	0.5213	0.9915	1 1 2	4	FALSE	NFASC	580.37 50	112	0	0	0.8163	110	0.5718
213 6	1.9174	0.0000	0.5215	0.9981	1 1 2	4	FALSE	CES1 /// LOC100 653057	601.93 75	112	0	0	0.8165	24	0.5925
278 4	1.9183	0.0000	0.5213	0.9961	1 1 2	4	FALSE	TJP2	595.95 54	112	0	0	0.8163	48	0.5871
296 1	1.9183	0.0000	0.5213	0.9992	1 1 2	4	FALSE	GPA33	595.93 75	112	0	0	0.8163	10	0.5871
299 1	1.9183	0.0000	0.5213	0.9833	1 1 2	4	FALSE	CST1	588.75 00	112	0	0	0.8163	216	0.5800
306 5	1.9183	0.0000	0.5213	0.9981	1 1 2	4	FALSE	SLC1A4	596.90 18	112	0	0	0.8163	24	0.5881

3447	1.9155	0.0000	0.5221	0.9926	112	4	FALSE	SRGAP2 B /// SRGAP2 C /// SRGAP2 C	586.0000	112	0	0	0.8169	120	0.5756
776	1.9193	0.0000	0.5210	0.9718	111	4	FALSE	SOX17	580.7297	111	0	0	0.8161	368	0.5721
1968	1.9193	0.0000	0.5210	0.9966	111	4	FALSE	LOC285043	593.8288	111	0	0	0.8161	42	0.5851
2111	1.9193	0.0000	0.5210	0.9980	111	4	FALSE	CASQ2	599.6036	111	0	0	0.8161	24	0.5907
2767	1.9193	0.0000	0.5210	0.9925	111	4	FALSE	DAP	600.3514	111	0	0	0.8161	92	0.5915
3352	1.9193	0.0000	0.5210	0.9992	111	4	FALSE	FAM167A	584.5495	111	0	0	0.8161	10	0.5759
3421	1.9193	0.0000	0.5210	0.9987	111	4	FALSE	FAM46B	600.0180	111	0	0	0.8161	16	0.5912
1104	1.9203	0.0000	0.5208	0.9902	110	4	FALSE	STON1	586.0727	110	0	0	0.8159	118	0.5774
2020	1.9174	0.0000	0.5215	0.9902	110	4	FALSE	CNN1	576.4909	110	0	0	0.8165	190	0.5663
2737	1.9174	0.0000	0.5215	0.9935	110	4	FALSE	C8orf88	594.6727	110	0	0	0.8165	110	0.5842
3117	1.9203	0.0000	0.5208	0.9970	110	4	FALSE	10-Sep	604.0636	110	0	0	0.8159	36	0.5951
643	1.9212	0.0000	0.5205	0.9941	109	4	FALSE	HMGB3	606.4495	109	0	0	0.8158	70	0.5975
1215	1.9203	0.0000	0.5208	0.9968	109	4	FALSE	OSR1	589.4862	109	0	0	0.8159	38	0.5802
2113	1.9212	0.0000	0.5205	0.9997	109	4	FALSE	MEIS2	609.8440	109	0	0	0.8158	4	0.6008
2779	1.9212	0.0000	0.5205	0.9969	109	4	FALSE	PRDX4	610.9083	109	0	0	0.8158	36	0.6019
3159	1.9212	0.0000	0.5205	0.9976	109	4	FALSE	ALDH18A1	608.5872	109	0	0	0.8158	28	0.5996

345 3	1.9183	0.0000	0.5213	0.9922	0 9 1	4	FALSE	SHROO M4	594.30 28	109	0	0	0.8163	120	0.5838
408 9	1.9212	0.0001	0.5205	0.8799	0 9 1	4	FALSE	MIR3934 /// UQCC2	527.54 13	109	0	0	0.8158	1560	0.5197
203 6	1.9222	0.0000	0.5202	0.9993	0 8 1	4	FALSE	SGCE	612.10 19	108	0	0	0.8156	8	0.6031
214 5	1.9222	0.0000	0.5202	0.9917	0 8 1	4	FALSE	IL33	600.47 22	108	0	0	0.8156	96	0.5916
221 1	1.9222	0.0000	0.5202	0.9976	0 8 1	4	FALSE	OGN	593.70 37	108	0	0	0.8156	28	0.5849
279 8	1.9222	0.0000	0.5202	0.9683	0 8 1	4	FALSE	SPOCK2	586.28 70	108	0	0	0.8156	382	0.5776
320 2	1.9193	0.0000	0.5210	0.9952	0 8 1	4	FALSE	PKNOX 2	608.79 63	108	0	0	0.8161	88	0.5980
334 5	1.9193	0.0000	0.5210	0.9829	0 8 1	4	FALSE	ARHGA P31	587.76 85	108	0	0	0.8161	246	0.5774
636	1.9232	0.0000	0.5200	0.9649	0 7 1	4	FALSE	PAFAH1 B3	577.73 83	107	0	0	0.8154	402	0.5692
103 2	1.9232	0.0000	0.5200	0.9982	0 7 1	4	FALSE	PLCL1	608.07 48	107	0	0	0.8154	20	0.5991
106 4	1.9251	0.0000	0.5195	0.9926	0 7 1	4	FALSE	NR2F1	581.22 43	107	0	0	0.8150	88	0.5738
275 6	1.9203	0.0000	0.5208	0.9944	0 7 1	4	FALSE	HLA-E	603.79 44	107	0	0	0.8159	116	0.5931
276 5	1.9193	0.0019	0.5210	0.9718	0 7 1	4	FALSE	MYL9	584.00 00	107	0	0	0.8161	105098	0.5737
279 4	1.9232	0.0000	0.5200	0.9995	0 7 1	4	FALSE	SEC24D	620.10 28	107	0	0	0.8154	6	0.6109
290 6	1.9203	0.0000	0.5208	0.9813	0 7 1	4	FALSE	VIPR1	575.53 27	107	0	0	0.8159	310	0.5654
301 6	1.9251	0.0000	0.5195	0.9944	0 7 1	4	FALSE	SLK	606.40 19	107	0	0	0.8150	64	0.5986
206 4	1.9270	0.0000	0.5189	0.9968	0 6	4	FALSE	BMP5	588.59 43	106	0	0	0.8146	36	0.5816

2117	1.9241	0.0000	0.5197	0.9982	10661	4	FALSE	ID3	600.1321	106	0	0	0.8152	20	0.5913
2148	1.9241	0.0000	0.5197	0.9995	10661	4	FALSE	COLGALT2	620.7075	106	0	0	0.8152	6	0.6115
2205	1.9241	0.0000	0.5197	0.9975	10661	4	FALSE	NRN1	614.7264	106	0	0	0.8152	28	0.6056
2298	1.9241	0.0000	0.5197	0.9986	10661	4	FALSE	TCEAL7	606.4528	106	0	0	0.8152	16	0.5975
3054	1.9241	0.0000	0.5197	0.9978	10661	4	FALSE	ANXA3	604.1038	106	0	0	0.8152	24	0.5952
3099	1.9241	0.0000	0.5197	0.9944	10661	4	FALSE	GABAR APL1 /// GABAR APL3	620.7358	106	0	0	0.8152	62	0.6116
3198	1.9241	0.0000	0.5197	0.9871	10661	4	FALSE	TMEM106B	612.5000	106	0	0	0.8152	148	0.6034
736	1.9251	0.0000	0.5195	0.9960	10551	4	FALSE	FUT3	619.9905	105	0	0	0.8150	44	0.6108
1077	1.9251	0.0000	0.5195	0.9971	10551	4	FALSE	HGF	589.6667	105	0	0	0.8150	32	0.5810
1146	1.9280	0.0000	0.5187	0.9762	10551	4	FALSE	FAT4	566.1619	105	0	0	0.8144	374	0.5594
1966	1.9251	0.0000	0.5195	0.9995	10551	4	FALSE	MEIS1	616.3810	105	0	0	0.8150	6	0.6073
2199	1.9251	0.0000	0.5195	0.9984	10551	4	FALSE	UGGT1	619.3333	105	0	0	0.8150	18	0.6102
2229	1.9251	0.0000	0.5195	0.9982	10551	4	FALSE	PCOLCE2	618.9905	105	0	0	0.8150	20	0.6098
3191	1.9241	0.0000	0.5197	0.9989	10551	4	FALSE	HEY1	615.8000	105	0	0	0.8152	18	0.6061
746	1.9260	0.0000	0.5192	0.9901	10441	4	FALSE	FAM65A	602.7788	104	0	0	0.8148	106	0.5939
784	1.9260	0.0000	0.5192	1.0000	10441	4	FALSE	RGS17	624.9038	104	0	0	0.8148	0	0.6157

805	1.9260	0.0000	0.5192	0.9981	1 0 4	4	FALSE	LOC728 554 /// THOC3	621.93 27	104	0	0	0.8148	20	0.6127
973	1.9270	0.0000	0.5189	0.9966	1 0 4	4	FALSE	AMOTL 2	602.47 12	104	0	0	0.8146	40	0.5942
103 0	1.9270	0.0000	0.5189	0.9901	1 0 4	4	FALSE	SETBP1	580.13 46	104	0	0	0.8146	112	0.5721
104 3	1.9280	0.0000	0.5187	0.9808	1 0 4	4	FALSE	FOXF2	585.29 81	104	0	0	0.8144	328	0.5778
228 2	1.9260	0.0000	0.5192	0.9994	1 0 4	4	FALSE	EIF4E3	612.90 38	104	0	0	0.8148	6	0.6038
231 7	1.9280	0.0000	0.5187	0.9937	1 0 4	4	FALSE	CNTN4	603.39 42	104	0	0	0.8144	68	0.5957
287 5	1.9260	0.0000	0.5192	0.9946	1 0 4	4	FALSE	AGTPBP 1	607.65 38	104	0	0	0.8148	58	0.5987
330 2	1.9280	0.0000	0.5187	0.9989	1 0 4	4	FALSE	NEK6	617.91 35	104	0	0	0.8144	12	0.6100
161 0	1.9270	0.0000	0.5189	0.9977	1 0 3	4	FALSE	RSPO2	600.01 94	103	0	0	0.8146	24	0.5912
197 1	1.9270	0.0000	0.5189	0.9966	1 0 3	4	FALSE	CASP12	612.21 36	103	0	0	0.8146	36	0.6032
274 4	1.9241	0.0000	0.5197	0.9973	1 0 3	4	FALSE	FLJ3570 0	616.27 18	103	0	0	0.8152	48	0.6054
282 9	1.9270	0.0000	0.5189	0.9939	1 0 3	4	FALSE	MME	606.22 33	103	0	0	0.8146	64	0.5973
287 2	1.9270	0.0000	0.5189	0.9992	1 0 3	4	FALSE	PC	625.42 72	103	0	0	0.8146	8	0.6162
290 1	1.9270	0.0000	0.5189	0.9990	1 0 3	4	FALSE	VAMP5	627.57 28	103	0	0	0.8146	10	0.6183
297 8	1.9289	0.0000	0.5184	0.9994	1 0 3	4	FALSE	ACADL	608.10 68	103	0	0	0.8142	6	0.6003
300 2	1.9270	0.0000	0.5189	0.9996	1 0 3	4	FALSE	TRPC6	631.04 85	103	0	0	0.8146	4	0.6217
309 5	1.9260	0.0000	0.5192	0.9903	1 0 3	4	FALSE	DLC1	602.01 94	103	0	0	0.8148	176	0.5925

3127	1.9241	0.0000	0.5197	0.9954	1033	4	FALSE	PXDC1	615.3204	103	0	0	0.8152	106	0.6044
3328	1.9270	0.0000	0.5189	0.9981	1033	4	FALSE	C10orf54	624.3689	103	0	0	0.8146	20	0.6151
761	1.9280	0.0000	0.5187	0.9998	1022	4	FALSE	TMPRSS4	633.6471	102	0	0	0.8144	2	0.6243
2010	1.9270	0.0000	0.5189	0.9911	1022	4	FALSE	ZEB2	605.8431	102	0	0	0.8146	154	0.5963
2254	1.9280	0.0000	0.5187	0.9959	1022	4	FALSE	ACKR4	601.4510	102	0	0	0.8144	42	0.5926
2811	1.9280	0.0000	0.5187	0.9959	1022	4	FALSE	GYPC	619.9902	102	0	0	0.8144	42	0.6108
3189	1.9251	0.0000	0.5195	0.9984	1022	4	FALSE	SLC35F2	627.8235	102	0	0	0.8150	54	0.6167
3232	1.9251	0.0000	0.5195	0.9983	1022	4	FALSE	RAB38	620.7745	102	0	0	0.8150	38	0.6098
3257	1.9280	0.0000	0.5187	0.9986	1022	4	FALSE	ZBED2	611.9510	102	0	0	0.8144	14	0.6029
3341	1.9280	0.0000	0.5187	0.9998	1022	4	FALSE	TMEM64	633.1275	102	0	0	0.8144	2	0.6238
633	1.9289	0.0000	0.5184	0.9735	1011	4	FALSE	CD93	597.8416	101	0	0	0.8142	276	0.5890
824	1.9260	0.0000	0.5192	0.9877	1011	4	FALSE	SLC39A11	616.2277	101	0	0	0.8148	176	0.6053
2045	1.9289	0.0000	0.5184	0.9994	1011	4	FALSE	B3GNT3	638.2871	101	0	0	0.8142	6	0.6289
2328	1.9280	0.0000	0.5187	1.0000	1011	4	FALSE	SMTNL2	631.4356	101	0	0	0.8144	0	0.6215
2836	1.9289	0.0000	0.5184	0.9974	1011	4	FALSE	TMOD1	626.1980	101	0	0	0.8142	26	0.6169
3042	1.9280	0.0000	0.5187	0.9899	1011	4	FALSE	PDLIM1	602.4257	101	0	0	0.8144	166	0.5929
3161	1.9289	0.0000	0.5184	0.9998	1011	4	FALSE	BZW2	627.4950	101	0	0	0.8142	2	0.6182

3287	1.9289	0.0000	0.5184	0.9980	101	4	FALSE	FAXDC2	609.7327	101	0	0	0.8142	20	0.6007
3311	1.9280	0.0000	0.5187	0.9992	101	4	FALSE	SLC41A2	626.7723	101	0	0	0.8144	8	0.6169
725	1.9299	0.0000	0.5182	0.9988	100	4	FALSE	MAPK13	625.0600	100	0	0	0.8140	12	0.6158
2777	1.9270	0.0000	0.5189	0.9988	100	4	FALSE	SH3BP5	628.5800	100	0	0	0.8146	24	0.6175
2818	1.9299	0.0000	0.5182	0.9982	100	4	FALSE	ANXA8 /// ANXA8 L1	613.1300	100	0	0	0.8140	18	0.6041
3164	1.9299	0.0000	0.5182	0.9966	100	4	FALSE	MIF	627.4500	100	0	0	0.8140	34	0.6182
3245	1.9308	0.0000	0.5179	0.9964	100	4	FALSE	CLIC3	614.2500	100	0	0	0.8138	46	0.6058
740	1.9308	0.0000	0.5179	0.9998	99	4	FALSE	HMGB3 P1	633.0505	99	0	0	0.8138	2	0.6237
2196	1.9308	0.0000	0.5179	0.9994	99	4	FALSE	PIAS1	633.8788	99	0	0	0.8138	6	0.6245
2262	1.9308	0.0000	0.5179	0.9994	99	4	FALSE	SYNC	634.0505	99	0	0	0.8138	6	0.6247
2877	1.9308	0.0000	0.5179	0.9934	99	4	FALSE	ELMO1	619.5455	99	0	0	0.8138	64	0.6104
2917	1.9308	0.0000	0.5179	0.9918	99	4	FALSE	NPM3	629.5152	99	0	0	0.8138	80	0.6202
3047	1.9308	0.0000	0.5179	0.9967	99	4	FALSE	NDRG4	606.9596	99	0	0	0.8138	32	0.5980
3273	1.9308	0.0000	0.5179	0.9967	99	4	FALSE	NXF3	604.4545	99	0	0	0.8138	32	0.5955
3409	1.9328	0.0000	0.5174	1.0000	99	4	FALSE	LOC729680	620.2828	99	0	0	0.8134	0	0.6123
1095	1.9318	0.0000	0.5177	0.9996	98	4	FALSE	CBX7	628.5918	98	0	0	0.8136	4	0.6193
2174	1.9318	0.0000	0.5177	0.9971	98	4	FALSE	OLFML2 A	615.6633	98	0	0	0.8136	28	0.6066
2302	1.9318	0.0000	0.5177	0.9996	98	4	FALSE	RERG	618.2653	98	0	0	0.8136	4	0.6091
2723	1.9318	0.0000	0.5177	0.9964	98	4	FALSE	WFS1	623.7551	98	0	0	0.8136	34	0.6145
3086	1.9318	0.0000	0.5177	0.9998	98	4	FALSE	MYOC	641.0102	98	0	0	0.8136	2	0.6315
3480	1.9318	0.0000	0.5177	0.9998	98	4	FALSE	LGI3	627.9388	98	0	0	0.8136	2	0.6187

792	1.9328	0.0000	0.5174	0.9903	97	4	FALSE	STAP2	620.3505	97	0	0	0.8134	90	0.6112
1170	1.9328	0.0000	0.5174	0.9976	97	4	FALSE	LBH	594.3299	97	0	0	0.8134	22	0.5855
1200	1.9347	0.0000	0.5169	0.9989	97	4	FALSE	STARD9	629.1237	97	0	0	0.8131	10	0.6211
1296	1.9328	0.0000	0.5174	1.0000	97	4	FALSE	CCDC141	629.7010	97	0	0	0.8134	0	0.6204
1949	1.9328	0.0000	0.5174	0.9989	97	4	FALSE	ETV4	640.5773	97	0	0	0.8134	10	0.6311
2131	1.9318	0.0020	0.5177	0.9308	97	4	FALSE	ARHGEF6	617.4639	97	0	0	0.8136	105666	0.6083
2983	1.9347	0.0000	0.5169	0.9970	97	4	FALSE	FUT1	623.8351	97	0	0	0.8131	28	0.6158
3115	1.9328	0.0000	0.5174	0.9994	97	4	FALSE	PPP1R14B	629.8763	97	0	0	0.8134	6	0.6206
798	1.9308	0.0000	0.5179	0.9987	96	4	FALSE	PVRL4	646.4167	96	0	0	0.8138	42	0.6350
821	1.9337	0.0000	0.5171	0.9803	96	4	FALSE	FGD5	604.4688	96	0	0	0.8133	188	0.5955
2248	1.9337	0.0000	0.5171	0.9998	96	4	FALSE	GIPC2	642.5625	96	0	0	0.8133	2	0.6331
2802	1.9337	0.0000	0.5171	1.0000	96	4	FALSE	SLC39A7	651.0208	96	0	0	0.8133	0	0.6414
831	1.9318	0.0000	0.5177	0.9937	95	4	FALSE	CRIM1	634.2316	95	0	0	0.8136	100	0.6230
2040	1.9347	0.0000	0.5169	0.9964	95	4	FALSE	CDH13	614.2737	95	0	0	0.8131	32	0.6052
2268	1.9347	0.0000	0.5169	0.9991	95	4	FALSE	C1QTNF7	629.2947	95	0	0	0.8131	8	0.6200
3005	1.9366	0.0000	0.5164	1.0000	95	4	FALSE	CPB2	631.4211	95	0	0	0.8127	0	0.6233
3195	1.9347	0.0000	0.5169	0.9987	95	4	FALSE	BAALC	631.2947	95	0	0	0.8131	12	0.6220
3390	1.9347	0.0000	0.5169	1.0000	95	4	FALSE	RNF144B	646.7895	95	0	0	0.8131	0	0.6372
4835	1.9318	0.0000	0.5177	0.9948	95	4	FALSE	CD34	623.3684	95	0	0	0.8136	78	0.6123
80	1.9328	0.0000	0.5174	0.9936	94	4	FALSE	NEXN	620.8617	94	0	0	0.8134	80	0.6099
2223	1.9356	0.0000	0.5166	1.0000	94	4	FALSE	KLHL41	640.0106	94	0	0	0.8129	0	0.6306
2853	1.9356	0.0000	0.5166	0.9961	94	4	FALSE	KDELR3	639.5213	94	0	0	0.8129	34	0.6301
2934	1.9356	0.0000	0.5166	1.0000	94	4	FALSE	KIAA0408	636.1170	94	0	0	0.8129	0	0.6267
3129	1.9356	0.0000	0.5166	0.9995	94	4	FALSE	NACC2	623.4255	94	0	0	0.8129	4	0.6142
3215	1.9356	0.0000	0.5166	0.9970	94	4	FALSE	ELTD1	616.4574	94	0	0	0.8129	26	0.6073

334 3	1.9385	0.0000	0.5159	0.9979	9 4	4	FALSE	MTURN	619.58 51	94	0	0	0.8123	18	0.6122
337 3	1.9356	0.0000	0.5166	0.9961	9 4	4	FALSE	MAGI2- AS3	638.20 21	94	0	0	0.8129	34	0.6288
340 2	1.9356	0.0000	0.5166	1.0000	9 4	4	FALSE	CAPN12	653.32 98	94	0	0	0.8129	0	0.6437
234 9	1.9366	0.0000	0.5164	1.0000	9 3	4	FALSE	SEMA4 B	646.43 01	93	0	0	0.8127	0	0.6369
297 2	1.9366	0.0000	0.5164	0.9979	9 3	4	FALSE	S100A3	618.07 53	93	0	0	0.8127	18	0.6089
197 8	1.9366	0.0000	0.5164	0.9861	9 2	4	FALSE	SERPIN G1	619.45 65	92	0	0	0.8127	138	0.6097
122 9	1.9414	0.0000	0.5151	0.9995	9 1	4	FALSE	RP11- 401P9.4	638.37 36	91	0	0	0.8117	4	0.6308
330 4	1.9404	0.0000	0.5153	0.9995	9 1	4	FALSE	DNAJC2 7	650.96 70	91	0	0	0.8119	4	0.6426
786	1.9414	0.0000	0.5151	0.9940	9 0	4	FALSE	FAM110 D	630.58 89	90	0	0	0.8117	48	0.6225
115 3	1.9395	0.0000	0.5156	0.9448	9 0	4	FALSE	LINC003 41 /// SYNE3	604.23 33	90	0	0	0.8121	484	0.5953
205 3	1.9395	0.0000	0.5156	0.9990	9 0	4	FALSE	MPDZ	645.11 11	90	0	0	0.8121	8	0.6356
209 8	1.9395	0.0000	0.5156	0.9993	9 0	4	FALSE	FMO3	641.26 67	90	0	0	0.8121	6	0.6318
224 5	1.9395	0.0000	0.5156	0.9970	9 0	4	FALSE	DKK2	623.18 89	90	0	0	0.8121	24	0.6140
234 6	1.9395	0.0001	0.5156	0.9678	9 0	4	FALSE	SIGLEC 17P	652.43 33	90	0	0	0.8121	4462	0.6428
323 6	1.9404	0.0000	0.5153	0.9998	9 0	4	FALSE	C1GALT 1	653.38 89	90	0	0	0.8119	2	0.6444
347 6	1.9424	0.0000	0.5148	0.9998	9 0	4	FALSE	RP11- 247L20.4	646.15 56	90	0	0	0.8115	2	0.6385
408 3	1.9395	0.0000	0.5156	0.9973	9 0	4	FALSE	SOX7	627.73 33	90	0	0	0.8121	26	0.6185
227 5	1.9404	0.0000	0.5153	0.9972	8 9	4	FALSE	ARHGA P21	636.20 22	89	0	0	0.8119	22	0.6268
231 2	1.9404	0.0000	0.5153	1.0000	8 9	4	FALSE	CYS1	659.30 34	89	0	0	0.8119	0	0.6496
481 0	1.9404	0.0000	0.5153	0.9951	8 9	4	FALSE	PDIA4	642.84 27	89	0	0	0.8119	38	0.6333
758	1.9414	0.0000	0.5151	0.9953	8 8	4	FALSE	TMEM1 77	647.35 23	88	0	0	0.8117	36	0.6378
210 4	1.9433	0.0000	0.5146	0.9820	8 8	4	FALSE	KCNA5	642.34 09	88	0	0	0.8113	162	0.6341
288 0	1.9443	0.0000	0.5143	1.0000	8 8	4	FALSE	MMP12	644.05 68	88	0	0	0.8111	0	0.6364
667	1.9424	0.0000	0.5148	0.9979	8 7	4	FALSE	C11orf80	655.65 52	87	0	0	0.8115	16	0.6460
236 1	1.9424	0.0000	0.5148	0.9995	8 7	4	FALSE	RBMS3- AS3	650.54 02	87	0	0	0.8115	4	0.6409

324 3	1.9424	0.0000	0.5148	1.0000	8 7	4	FALSE	GCNT3	672.01 15	87	0	0	0.8115	0	0.6621
333 4	1.9414	0.0000	0.5151	0.9989	8 7	4	FALSE	RHNO1	654.80 46	87	0	0	0.8117	24	0.6445
120 8	1.9433	0.0000	0.5146	0.9899	8 6	4	FALSE	EBF1	605.95 35	86	0	0	0.8113	78	0.5970
140 1	1.9433	0.0000	0.5146	0.9984	8 6	4	FALSE	FAM195 A	641.87 21	86	0	0	0.8113	12	0.6324
283 1	1.9433	0.0000	0.5146	0.9995	8 6	4	FALSE	TPBG	652.55 81	86	0	0	0.8113	4	0.6429
335 8	1.9433	0.0000	0.5146	1.0000	8 6	4	FALSE	EMB	669.79 07	86	0	0	0.8113	0	0.6599
339 9	1.9433	0.0000	0.5146	1.0000	8 6	4	FALSE	SRGAP2 C	662.75 58	86	0	0	0.8113	0	0.6530
289 9	1.9443	0.0000	0.5143	0.9992	8 5	4	FALSE	GJA4	633.50 59	85	0	0	0.8111	6	0.6241
371 1	1.9443	0.0000	0.5143	0.9728	8 5	4	FALSE	RASSF2	628.32 94	85	0	0	0.8111	214	0.6190
225 7	1.9452	0.0000	0.5141	1.0000	8 4	4	FALSE	H2AFJ	663.00 00	84	0	0	0.8110	0	0.6532
295 6	1.9452	0.0000	0.5141	0.9983	8 4	4	FALSE	SLC14A 1	621.48 81	84	0	0	0.8110	12	0.6123
305 7	1.9481	0.0000	0.5133	0.9793	8 4	4	FALSE	PDZD2	637.04 76	84	0	0	0.8104	276	0.6295
338 0	1.9452	0.0000	0.5141	0.9937	8 4	4	FALSE	TMEM6 3C	652.35 71	84	0	0	0.8110	44	0.6427
386 8	1.9443	0.0000	0.5143	0.9966	8 4	4	FALSE	IL1RL1	642.97 62	84	0	0	0.8111	60	0.6329
471 3	1.9452	0.0000	0.5141	0.9989	8 4	4	FALSE	MMRN1	649.94 05	84	0	0	0.8110	8	0.6403
260 3	1.9481	0.0000	0.5133	0.9997	8 3	4	FALSE	PCBD2	671.31 33	83	0	0	0.8104	2	0.6627
282 0	1.9491	0.0000	0.5131	0.9976	8 3	4	FALSE	GPRC5A	641.20 48	83	0	0	0.8102	16	0.6336
286 9	1.9491	0.0000	0.5131	1.0000	8 3	4	FALSE	KCNN4	652.61 45	83	0	0	0.8102	0	0.6449
311 3	1.9462	0.0000	0.5138	0.9988	8 3	4	FALSE	RRAS	644.98 80	83	0	0	0.8108	8	0.6355
413 2	1.9462	0.0000	0.5138	0.9994	8 3	4	FALSE	NGEF	676.26 51	83	0	0	0.8108	4	0.6663
500 7	1.9443	0.0013	0.5143	0.8907	8 3	4	FALSE	GIMAP4	584.98 80	83	0	0	0.8111	101568	0.5758
818	1.9472	0.0000	0.5136	0.9970	8 2	4	FALSE	SBK1	657.89 02	82	0	0	0.8106	20	0.6482
230 0	1.9500	0.0000	0.5128	1.0000	8 2	4	FALSE	ARHGE F37	666.25 61	82	0	0	0.8100	0	0.6584
303 8	1.9472	0.0000	0.5136	1.0000	8 2	4	FALSE	PPARG	676.01 22	82	0	0	0.8106	0	0.6660
309 0	1.9500	0.0000	0.5128	1.0000	8 2	4	FALSE	HYAL1	638.54 88	82	0	0	0.8100	0	0.6310

309 3	1.9472	0.0000	0.5136	1.0000	8 2	4	FALSE	GPFR1	651.89 02	82	0	0	0.8106	0	0.6423
374 7	1.9491	0.0000	0.5131	0.9982	8 2	4	FALSE	PDGFB	628.69 51	82	0	0	0.8102	12	0.6206
803	1.9481	0.0000	0.5133	0.9969	8 1	4	FALSE	TXNDC 17	649.95 06	81	0	0	0.8104	20	0.6403
218 9	1.9500	0.0000	0.5128	0.9963	8 1	4	FALSE	ZNF423	611.64 20	81	0	0	0.8100	24	0.6038
276 3	1.9510	0.0000	0.5126	0.9901	8 1	4	FALSE	DUSP1	657.90 12	81	0	0	0.8098	64	0.6501
290 8	1.9481	0.0000	0.5133	1.0000	8 1	4	FALSE	DEFA1 /// DEFA1B /// DEFA3	661.44 44	81	0	0	0.8104	0	0.6517
299 3	1.9510	0.0000	0.5126	0.9985	8 1	4	FALSE	DAPK2	636.12 35	81	0	0	0.8098	10	0.6286
335 0	1.9510	0.0000	0.5126	1.0000	8 1	4	FALSE	NHSL1	670.66 67	81	0	0	0.8098	0	0.6627
336 1	1.9500	0.0000	0.5128	1.0000	8 1	4	FALSE	C17orf58	685.30 86	81	0	0	0.8100	0	0.6765
496 0	1.9481	0.0000	0.5133	0.9975	8 1	4	FALSE	SDF2L1	670.27 16	81	0	0	0.8104	16	0.6604
272 8	1.9520	0.0000	0.5123	1.0000	8 0	4	FALSE	NAP1L1	677.98 75	80	0	0	0.8096	0	0.6699
285 0	1.9520	0.0000	0.5123	0.9978	8 0	4	FALSE	NEBL	622.41 25	80	0	0	0.8096	14	0.6150
341 9	1.9491	0.0000	0.5131	1.0000	8 0	4	FALSE	CTA- 445C9.15	674.12 50	80	0	0	0.8102	0	0.6642
417 0	1.9510	0.0000	0.5126	0.9984	8 0	4	FALSE	TMEM8 8	645.85 00	80	0	0	0.8098	10	0.6376
458 3	1.9462	0.0000	0.5138	0.9997	8 0	4	FALSE	PAPSS2	662.82 50	80	0	0	0.8108	2	0.6511
463 6	1.9481	0.0000	0.5133	0.9965	8 0	4	FALSE	FLI1	645.26 25	80	0	0	0.8104	44	0.6351
716	1.9500	0.0000	0.5128	0.9958	7 9	4	FALSE	PAIP1	655.18 99	79	0	0	0.8100	26	0.6455
750	1.9500	0.0000	0.5128	0.9971	7 9	4	FALSE	GMNN	664.53 16	79	0	0	0.8100	18	0.6547
199 0	1.9558	0.0000	0.5113	1.0000	7 9	4	FALSE	MGP	624.45 57	79	0	0	0.8088	0	0.6183
291 4	1.9500	0.0000	0.5128	0.9984	7 9	4	FALSE	ARHGE F4 /// LOC101 930241	636.96 20	79	0	0	0.8100	10	0.6275
297 4	1.9500	0.0000	0.5128	1.0000	7 9	4	FALSE	ANKRD 1	661.13 92	79	0	0	0.8100	0	0.6514
301 3	1.9529	0.0000	0.5121	1.0000	7 9	4	FALSE	FKBP1B	655.83 54	79	0	0	0.8094	0	0.6481
306 1	1.9500	0.0000	0.5128	1.0000	7 9	4	FALSE	PPAP2C	682.10 13	79	0	0	0.8100	0	0.6720

346 4	1.9500	0.0000	0.5128	1.0000	7 9	4	FALSE	LINC008 83	673.96 20	79	0	0	0.8100	0	0.6640
391 4	1.9520	0.0000	0.5123	0.9977	7 9	4	FALSE	ARC	660.11 39	79	0	0	0.8096	14	0.6516
275 3	1.9510	0.0000	0.5126	1.0000	7 8	4	FALSE	HYOU1	686.93 59	78	0	0	0.8098	0	0.6768
277 3	1.9510	0.0000	0.5126	0.9997	7 8	4	FALSE	TSTA3	673.43 59	78	0	0	0.8098	2	0.6635
344 2	1.9529	0.0000	0.5121	1.0000	7 8	4	FALSE	PALD1	652.34 62	78	0	0	0.8094	0	0.6440
520 9	1.9510	0.0000	0.5126	1.0000	7 8	4	FALSE	NHS	674.26 92	78	0	0	0.8098	0	0.6643
275 8	1.9539	0.0000	0.5118	1.0000	7 7	4	FALSE	TMED10	688.36 36	77	0	0	0.8092	0	0.6795
297 0	1.9520	0.0000	0.5123	1.0000	7 7	4	FALSE	NMU	686.57 14	77	0	0	0.8096	0	0.6764
319 3	1.9520	0.0000	0.5123	1.0000	7 7	4	FALSE	DEPTOR	672.61 04	77	0	0	0.8096	0	0.6627
321 7	1.9558	0.0000	0.5113	1.0000	7 6	4	FALSE	RBP4	677.23 68	76	0	0	0.8088	0	0.6692
325 9	1.9549	0.0000	0.5115	1.0000	7 6	4	FALSE	SPAG4	686.84 21	76	0	0	0.8090	0	0.6780
331 3	1.9500	0.0000	0.5128	0.9632	7 6	3	FALSE	FGFBP2	642.25 00	76	0	0	0.8100	738	0.6315
507 9	1.9520	0.0000	0.5123	0.9923	7 6	4	FALSE	APOL3	643.67 11	76	0	0	0.8096	64	0.6335
796	1.9539	0.0000	0.5118	0.9982	7 5	4	FALSE	STRBP	672.84 00	75	0	0	0.8092	10	0.6629
227 1	1.9558	0.0000	0.5113	0.9986	7 5	4	FALSE	DLL1	645.00 00	75	0	0	0.8088	8	0.6367
460 3	1.9529	0.0000	0.5121	0.9993	7 5	4	FALSE	LPL	660.37 33	75	0	0	0.8094	12	0.6500
812	1.9549	0.0000	0.5115	0.9974	7 4	4	FALSE	MANEA L	671.67 57	74	0	0	0.8090	14	0.6617
288 9	1.9549	0.0000	0.5115	1.0000	7 4	4	FALSE	STX1A	679.89 19	74	0	0	0.8090	0	0.6698
862	1.9558	0.0000	0.5113	1.0000	7 3	4	FALSE	CCDC69	677.64 38	73	0	0	0.8088	0	0.6676
205 1	1.9587	0.0000	0.5105	1.0000	7 3	4	FALSE	KIT	679.78 08	73	0	0	0.8083	0	0.6717
304 0	1.9558	0.0000	0.5113	0.9954	7 3	4	FALSE	CST2	672.26 03	73	0	0	0.8088	32	0.6623
308 8	1.9558	0.0000	0.5113	1.0000	7 3	4	FALSE	CCL23	698.02 74	73	0	0	0.8088	0	0.6877
323 9	1.9491	0.0012	0.5131	0.9471	7 3	4	FALSE	DPEP2	689.20 55	73	0	0	0.8102	92324	0.6744
338 8	1.9558	0.0000	0.5113	1.0000	7 3	4	FALSE	RAB37	701.23 29	73	0	0	0.8088	0	0.6909
372 1	1.9568	0.0000	0.5110	0.9985	7 3	4	FALSE	MTX2	676.50 68	73	0	0	0.8086	14	0.6672

401 8	1.9549	0.0000	0.5115	0.9962	7 3	4	FALSE	C3orf14	663.83 56	73	0	0	0.8090	44	0.6534
370 1	1.9606	0.0000	0.5100	0.9988	7 2	4	FALSE	INPP1	645.66 67	72	0	0	0.8079	6	0.6386
478 3	1.9568	0.0000	0.5110	1.0000	7 2	4	FALSE	ART4	678.38 89	72	0	0	0.8086	0	0.6684
487 3	1.9568	0.0000	0.5110	0.9996	7 2	4	FALSE	PTGDS	646.19 44	72	0	0	0.8086	2	0.6366
221 7	1.9577	0.0000	0.5108	0.9976	7 1	4	FALSE	CSGAL NACT1	636.26 76	71	0	0	0.8085	12	0.6269
232 2	1.9635	0.0000	0.5093	0.9992	7 1	4	FALSE	BC02204 7	660.66 20	71	0	0	0.8073	4	0.6541
286 5	1.9606	0.0000	0.5100	1.0000	7 1	4	FALSE	AK4 /// LOC100 507855	683.54 93	71	0	0	0.8079	0	0.6754
301 8	1.9606	0.0000	0.5100	1.0000	7 1	4	FALSE	SEMA3E	648.04 23	71	0	0	0.8079	0	0.6404
314 8	1.9577	0.0000	0.5108	0.9984	7 1	4	FALSE	HLX	646.63 38	71	0	0	0.8085	8	0.6371
380 6	1.9577	0.0000	0.5108	1.0000	7 1	4	FALSE	AIFM1	680.85 92	71	0	0	0.8085	0	0.6708
404 1	1.9597	0.0000	0.5103	1.0000	7 1	4	FALSE	SMCO4	702.76 06	71	0	0	0.8081	0	0.6937
199 2	1.9606	0.0000	0.5100	1.0000	7 0	4	FALSE	LOC100 506558 /// MATN2 LOC100 288911	688.55 71	70	0	0	0.8079	0	0.6797
235 8	1.9616	0.0000	0.5098	1.0000	7 0	4	FALSE	LOC100 288911	690.00 00	70	0	0	0.8077	0	0.6811
284 3	1.9587	0.0000	0.5105	1.0000	7 0	4	FALSE	KAT2B	695.35 71	70	0	0	0.8083	0	0.6851
295 3	1.9587	0.0000	0.5105	1.0000	7 0	4	FALSE	MARCO	699.42 86	70	0	0	0.8083	0	0.6891
308 4	1.9606	0.0000	0.5100	1.0000	7 0	4	FALSE	FYN	679.55 71	70	0	0	0.8079	0	0.6708
312 3	1.9577	0.0000	0.5108	1.0000	7 0	4	FALSE	ASCC3	697.84 29	70	0	0	0.8085	0	0.6869
328 5	1.9587	0.0000	0.5105	1.0000	7 0	4	FALSE	KLRF1	677.18 57	70	0	0	0.8083	0	0.6672
329 7	1.9606	0.0000	0.5100	1.0000	7 0	4	FALSE	PRRC1	707.80 00	70	0	0	0.8079	0	0.6987
339 3	1.9645	0.0000	0.5090	0.9992	7 0	4	FALSE	IPW /// LOC101 930404 /// PWARS N /// SNORD1 07 /// SNORD1 15-13 ///	676.77 14	70	0	0	0.8071	4	0.6701

								SNORD1							
								15-26 ///							
								SNORD1							
								15-7 ///							
								SNORD1							
								16-22 ///							
								SNORD1							
								16-28 ///							
								SNORD1							
								16-4							
348 9	1.9587	0.0000	0.5105	1.0000	7 0	4	FALSE	SGPP2	703.64 29	70	0	0	0.8083	0	0.6932
489 8	1.9606	0.0000	0.5100	1.0000	7 0	4	FALSE	FRMD4 B	697.55 71	70	0	0	0.8079	0	0.6886
511 6	1.9587	0.0000	0.5105	1.0000	7 0	4	FALSE	GPT2	698.50 00	70	0	0	0.8083	0	0.6882
277 5	1.9625	0.0000	0.5095	0.9915	6 9	4	FALSE	EGR1	693.23 19	69	0	0	0.8075	40	0.6850
282 6	1.9587	0.0000	0.5105	0.9996	6 9	4	FALSE	ATP1A2	678.81 16	69	0	0	0.8083	6	0.6681
294 5	1.9616	0.0000	0.5098	1.0000	6 9	4	FALSE	UBFD1	711.73 91	69	0	0	0.8077	0	0.7026
310 4	1.9635	0.0000	0.5093	1.0000	6 9	4	FALSE	PIK3R1	664.34 78	69	0	0	0.8073	0	0.6565
320 8	1.9625	0.0000	0.5095	1.0000	6 9	4	FALSE	SLC24A 3	694.44 93	69	0	0	0.8075	0	0.6862
338 2	1.9625	0.0000	0.5095	1.0000	6 9	4	FALSE	TMEM1 39	656.11 59	69	0	0	0.8075	0	0.6483
494 4	1.9606	0.0000	0.5100	1.0000	6 9	4	FALSE	NPDC1	679.97 10	69	0	0	0.8079	0	0.6706
381 7	1.9606	0.0000	0.5100	1.0000	6 8	4	FALSE	SIX1	688.70 59	68	0	0	0.8079	0	0.6785
496 8	1.9606	0.0000	0.5100	1.0000	6 8	4	FALSE	FERMT1	704.10 29	68	0	0	0.8079	0	0.6937
525 9	1.9597	0.0000	0.5103	0.9956	6 8	4	FALSE	GBP4	654.51 47	68	0	0	0.8081	32	0.6442
325 0	1.9616	0.0000	0.5098	1.0000	6 7	4	FALSE	TMEM3 5	699.95 52	67	0	0	0.8077	0	0.6896
330 7	1.9635	0.0000	0.5093	1.0000	6 7	4	FALSE	PPAPDC 1B	718.02 99	67	0	0	0.8073	0	0.7088
411 7	1.9616	0.0000	0.5098	1.0000	6 7	4	FALSE	MUC20	709.56 72	67	0	0	0.8077	0	0.6991
490 7	1.9625	0.0000	0.5095	1.0000	6 7	4	FALSE	PRMT3	685.25 37	67	0	0	0.8075	0	0.6758
504 1	1.9616	0.0000	0.5098	1.0000	6 7	4	FALSE	RASAL1	722.70 15	67	0	0	0.8077	0	0.7120
234 3	1.9683	0.0000	0.5081	1.0000	6 6	4	FALSE	DSEL	686.92 42	66	0	0	0.8063	0	0.6801
295 9	1.9654	0.0000	0.5088	1.0000	6 6	4	FALSE	LIFR	689.40 91	66	0	0	0.8069	0	0.6812

477 9	1.9654	0.0000	0.5088	0.9977	6 6	4	FALSE	CST4	690.04 55	66	0	0	0.8069	10	0.6819
522 7	1.9645	0.0000	0.5090	0.9939	6 6	4	FALSE	C4orf48	675.65 15	66	0	0	0.8071	26	0.6670
524 2	1.9625	0.0000	0.5095	0.9953	6 6	4	FALSE	PCAT6	685.78 79	66	0	0	0.8075	20	0.6757
816	1.9654	0.0000	0.5088	0.9990	6 5	4	FALSE	CREB3L 4	695.87 69	65	0	0	0.8069	4	0.6869
205 5	1.9693	0.0000	0.5078	0.9774	6 5	4	FALSE	LAMA2	623.30 77	65	0	0	0.8061	168	0.6171
349 1	1.9673	0.0000	0.5083	0.9995	6 4	4	FALSE	AF13121 5.8	686.87 50	64	0	0	0.8065	2	0.6787
280 7	1.9683	0.0000	0.5081	1.0000	6 3	4	FALSE	ACP2	703.80 95	63	0	0	0.8063	0	0.6955
453 2	1.9654	0.0000	0.5088	1.0000	6 3	4	FALSE	ID2	719.82 54	63	0	0	0.8069	0	0.7092
468 2	1.9654	0.0000	0.5088	1.0000	6 3	4	FALSE	SLC22A 18	714.20 63	63	0	0	0.8069	0	0.7037
489 6	1.9654	0.0000	0.5088	1.0000	6 3	4	FALSE	NEDD4	682.93 65	63	0	0	0.8069	0	0.6728
149 1	1.9693	0.0000	0.5078	1.0000	6 2	4	FALSE	COL6A5	705.27 42	62	0	0	0.8061	0	0.6969
277 0	1.9693	0.0000	0.5078	1.0000	6 2	4	FALSE	DKC1 /// MIR664 B /// SNORA5 6	706.43 55	62	0	0	0.8061	0	0.6974
293 1	1.9683	0.0019	0.5081	0.9677	6 2	4	FALSE	KLK11	714.46 77	62	0	0	0.8063	84062	0.7060
512 8	1.9625	0.0010	0.5095	0.9677	6 2	4	FALSE	GLIPR2	713.98 39	62	0	0	0.8075	82468	0.7013
411 9	1.9721	0.0000	0.5071	1.0000	6 1	4	FALSE	ARHGA P23	656.91 80	61	0	0	0.8056	0	0.6504
467 0	1.9673	0.0000	0.5083	1.0000	6 1	4	FALSE	SMAD7	717.44 26	61	0	0	0.8065	0	0.7068
274 2	1.9721	0.0000	0.5071	1.0000	6 0	4	FALSE	DQ5924 42	699.96 67	60	0	0	0.8056	0	0.6924
317 6	1.9712	0.0000	0.5073	0.9977	6 0	4	FALSE	LARP6	677.95 00	60	0	0	0.8058	8	0.6699
321 2	1.9712	0.0000	0.5073	1.0000	6 0	4	FALSE	FKBP11	715.75 00	60	0	0	0.8058	0	0.7073
335 4	1.9683	0.0000	0.5081	1.0000	6 0	4	FALSE	ANKRD 44	716.40 00	60	0	0	0.8063	0	0.7058
479 9	1.9683	0.0000	0.5081	1.0000	6 0	4	FALSE	LSR	727.25 00	60	0	0	0.8063	0	0.7165
196 4	1.9721	0.0000	0.5071	0.9994	5 9	4	FALSE	LINC006 22	693.89 83	59	0	0	0.8056	2	0.6857
303 6	1.9750	0.0000	0.5063	1.0000	5 9	4	FALSE	P2RY6	718.40 68	59	0	0	0.8050	0	0.7113
392 9	1.9721	0.0000	0.5071	0.9988	5 9	4	FALSE	AKT3	682.59 32	59	0	0	0.8056	4	0.6745

4803	1.9721	0.0000	0.5071	1.0000	59	4	FALSE	UGT8	705.8644	59	0	0	0.8056	0	0.6975
4979	1.9721	0.0000	0.5071	1.0000	59	4	FALSE	HSPB7	673.5085	59	0	0	0.8056	0	0.6655
3223	1.9702	0.0000	0.5076	1.0000	58	4	FALSE	KCNMB4	722.5345	58	0	0	0.8060	0	0.7119
4742	1.9731	0.0000	0.5068	1.0000	58	4	FALSE	ADAM28	700.1379	58	0	0	0.8054	0	0.6918
5059	1.9702	0.0000	0.5076	0.9625	58	4	FALSE	KLF4	693.0000	58	0	0	0.8060	166	0.6828
5093	1.9721	0.0000	0.5071	0.9994	58	4	FALSE	DUSP23	716.6897	58	0	0	0.8056	2	0.7075
5666	1.9702	0.0000	0.5076	1.0000	58	4	FALSE	B3GALNT1	692.0862	58	0	0	0.8060	0	0.6819
2788	1.9779	0.0000	0.5056	1.0000	57	4	FALSE	DKK3	669.3684	57	0	0	0.8044	0	0.6634
3727	1.9741	0.0000	0.5066	1.0000	57	4	FALSE	ITPR1	736.1579	57	0	0	0.8052	0	0.7274
843	1.9741	0.0000	0.5066	1.0000	56	4	FALSE	SIX4	719.6607	56	0	0	0.8052	0	0.7104
3487	1.9750	0.0000	0.5063	1.0000	56	4	FALSE	FAM83A	740.6964	56	0	0	0.8050	0	0.7319
3754	1.9750	0.0000	0.5063	1.0000	56	4	FALSE	F3	727.1429	56	0	0	0.8050	0	0.7185
3940	1.9769	0.0000	0.5058	0.9994	56	4	FALSE	SAMD4A	661.7857	56	0	0	0.8046	2	0.6552
4581	1.9721	0.0000	0.5071	1.0000	56	4	FALSE	PTPRN2	732.5179	56	0	0	0.8056	0	0.7217
4817	1.9750	0.0000	0.5063	1.0000	56	4	FALSE	CTGF	704.8214	56	0	0	0.8050	0	0.6965
4851	1.9750	0.0001	0.5063	0.9461	56	4	FALSE	HIST1H2BD	710.1964	56	0	0	0.8050	446	0.7018
5120	1.9712	0.0000	0.5073	1.0000	56	4	FALSE	ARHGA P18	701.2857	56	0	0	0.8058	0	0.6902
1884	1.9731	0.0000	0.5068	1.0000	55	4	FALSE	CARD8	728.3273	55	0	0	0.8054	0	0.7176
3227	1.9789	0.0000	0.5053	1.0000	55	4	FALSE	NHLRC2	704.0182	55	0	0	0.8042	0	0.6970
4949	1.9731	0.0000	0.5068	1.0000	55	4	FALSE	STYXL1	731.5818	55	0	0	0.8054	0	0.7208
5289	1.9750	0.0000	0.5063	1.0000	55	4	FALSE	LINC00551	671.3091	55	0	0	0.8050	0	0.6627
3376	1.9769	0.0000	0.5058	1.0000	54	4	FALSE	LRCH2	715.3148	54	0	0	0.8046	0	0.7068
3935	1.9741	0.0000	0.5066	1.0000	54	4	FALSE	FAM171A1	706.2222	54	0	0	0.8052	0	0.6958
3958	1.9769	0.0000	0.5058	1.0000	54	4	FALSE	PGAP1	713.2778	54	0	0	0.8046	0	0.7048
4921	1.9769	0.0000	0.5058	1.0000	54	4	FALSE	PPBP	728.4815	54	0	0	0.8046	0	0.7198

5147	1.9750	0.0000	0.5063	0.9979	54	4	FALSE	GORAB	715.7593	54	0	0	0.8050	12	0.7059
2912	1.9779	0.0000	0.5056	1.0000	53	4	FALSE	PLEKH A6	750.5849	53	0	0	0.8044	0	0.7417
3321	1.9808	0.0000	0.5048	1.0000	53	4	FALSE	TTYH3	727.6226	53	0	0	0.8038	0	0.7204
3435	1.9817	0.0000	0.5046	1.0000	53	4	FALSE	FGF14-AS2	723.0377	53	0	0	0.8037	0	0.7166
3851	1.9798	0.0000	0.5051	1.0000	53	4	FALSE	IL18R1	695.5849	53	0	0	0.8040	0	0.6887
4925	1.9750	0.0000	0.5063	1.0000	53	4	FALSE	MNX1	741.0943	53	0	0	0.8050	0	0.7301
271	1.9779	0.0000	0.5056	1.0000	52	4	FALSE	C10orf25	709.6923	52	0	0	0.8044	0	0.7006
2365	1.9827	0.0000	0.5044	1.0000	52	4	FALSE	MICU3	723.0192	52	0	0	0.8035	0	0.7166
4547	1.9789	0.0000	0.5053	0.9977	52	4	FALSE	IER2	748.3846	52	0	0	0.8042	6	0.7395
4576	1.9789	0.0000	0.5053	0.9985	52	4	FALSE	ANK2	675.6346	52	0	0	0.8042	4	0.6676
4654	1.9789	0.0000	0.5053	1.0000	52	4	FALSE	PPIC	732.9423	52	0	0	0.8042	0	0.7243
4917	1.9789	0.0000	0.5053	1.0000	52	4	FALSE	ATP10B	740.6346	52	0	0	0.8042	0	0.7319
5032	1.9779	0.0000	0.5056	1.0000	52	4	FALSE	SOX18	696.7500	52	0	0	0.8044	0	0.6878
5164	1.9760	0.0000	0.5061	1.0000	52	4	FALSE	DOCK11	738.5192	52	0	0	0.8048	0	0.7276
4520	1.9769	0.0000	0.5058	1.0000	51	4	FALSE	TGM2	744.6275	51	0	0	0.8046	0	0.7336
4557	1.9798	0.0000	0.5051	1.0000	51	4	FALSE	CFB	744.9412	51	0	0	0.8040	0	0.7361
4648	1.9769	0.0000	0.5058	1.0000	51	4	FALSE	SNCA	713.8039	51	0	0	0.8046	0	0.7033
4815	1.9789	0.0000	0.5053	1.0000	51	4	FALSE	ID1	741.1765	51	0	0	0.8042	0	0.7317
4822	1.9798	0.0000	0.5051	0.9922	51	4	FALSE	FOS	699.5686	51	0	0	0.8040	20	0.6913
609	1.9798	0.0000	0.5051	0.9992	50	4	FALSE	PAK6	718.5600	50	0	0	0.8040	2	0.7093
2324	1.9837	0.0000	0.5041	0.9992	50	4	FALSE	MYOCD	679.3600	50	0	0	0.8033	2	0.6726
4524	1.9798	0.0000	0.5051	1.0000	50	4	FALSE	TIMP3	742.4800	50	0	0	0.8040	0	0.7330
4985	1.9808	0.0000	0.5048	1.0000	50	4	FALSE	PLAC8	729.3200	50	0	0	0.8038	0	0.7207
5003	1.9817	0.0000	0.5046	1.0000	50	4	FALSE	FASTKD3	754.9000	50	0	0	0.8037	0	0.7467
5067	1.9808	0.0000	0.5048	1.0000	50	4	FALSE	DNAJC2	752.1800	50	0	0	0.8038	0	0.7433

509 1	1.9721	0.0014	0.5071	0.9241	5 0	4	FALSE	MS4A7	714.06 00	50	0	0	0.8056	68136	0.6994
518 9	1.9760	0.0038	0.5061	0.8857	5 0	4	FALSE	TLCD1	690.58 00	50	0	0	0.8048	134390	0.6797
331	1.9798	0.0000	0.5051	1.0000	4 9	4	FALSE	RHBDL2	739.24 49	49	0	0	0.8040	0	0.7290
235 6	1.9856	0.0000	0.5036	1.0000	4 9	4	FALSE	LOC101 927263	693.61 22	49	0	0	0.8029	0	0.6874
273 4	1.9817	0.0000	0.5046	1.0000	4 9	4	FALSE	LINC012 68	708.85 71	49	0	0	0.8037	0	0.7005
310 6	1.9817	0.0000	0.5046	1.0000	4 9	4	FALSE	SEL1L3	733.48 98	49	0	0	0.8037	0	0.7248
311 0	1.9856	0.0000	0.5036	1.0000	4 9	4	FALSE	MXRA7	681.53 06	49	0	0	0.8029	0	0.6755
500 9	1.9817	0.0000	0.5046	1.0000	4 9	4	FALSE	FLRT3	704.63 27	49	0	0	0.8037	0	0.6963
510 8	1.9827	0.0000	0.5044	0.9974	4 9	4	FALSE	LINC004 67	704.85 71	49	0	0	0.8035	6	0.6972
515 2	1.9808	0.0000	0.5048	1.0000	4 9	4	FALSE	TMCC3	733.02 04	49	0	0	0.8038	0	0.7236
302 0	1.9827	0.0000	0.5044	1.0000	4 8	4	FALSE	PLAGL1	740.47 92	48	0	0	0.8035	0	0.7317
347 3	1.9827	0.0000	0.5044	1.0000	4 8	4	FALSE	INSC	754.56 25	48	0	0	0.8035	0	0.7456
347 8	1.9894	0.0000	0.5027	1.0000	4 8	4	FALSE	SMCO3	686.37 50	48	0	0	0.8021	0	0.6823
375 0	1.9846	0.0000	0.5039	1.0000	4 8	4	FALSE	DNPH1	687.04 17	48	0	0	0.8031	0	0.6802
507 2	1.9837	0.0000	0.5041	0.9982	4 8	4	FALSE	ROBO4	677.08 33	48	0	0	0.8033	4	0.6697
302 7	1.9875	0.0001	0.5031	0.9602	4 7	4	FALSE	MS4A2	686.68 09	47	0	0	0.8025	3008	0.6806
465 6	1.9837	0.0000	0.5041	1.0000	4 7	4	FALSE	PPM1D	742.61 70	47	0	0	0.8033	0	0.7338
474 0	1.9846	0.0000	0.5039	0.9963	4 7	4	FALSE	TBX2	677.53 19	47	0	0	0.8031	8	0.6702
485 6	1.9827	0.0019	0.5044	0.9574	4 7	4	FALSE	ABCB1	732.21 28	47	0	0	0.8035	67046	0.7235
781	1.9856	0.0000	0.5036	1.0000	4 6	4	FALSE	EPN3	733.58 70	46	0	0	0.8029	0	0.7256
389 0	1.9866	0.0000	0.5034	1.0000	4 6	4	FALSE	AMACR /// C1QTNF 3- AMACR	737.39 13	46	0	0	0.8027	0	0.7301
406 8	1.9856	0.0000	0.5036	1.0000	4 6	4	FALSE	APOO	723.02 17	46	0	0	0.8029	0	0.7152
493 7	1.9846	0.0000	0.5039	1.0000	4 6	4	FALSE	BACE2	734.28 26	46	0	0	0.8031	0	0.7256
494 1	1.9866	0.0000	0.5034	1.0000	4 6	4	FALSE	CXCL14	746.13 04	46	0	0	0.8027	0	0.7387

523 7	1.9817	0.0000	0.5046	1.0000	4 6	4	FALSE	LOC100 505938	765.84 78	46	0	0	0.8037	0	0.7545
318 1	1.9923	0.0000	0.5019	1.0000	4 5	4	FALSE	ARMCX 1	736.84 44	45	0	0	0.8015	0	0.7324
450 0	1.9846	0.0000	0.5039	1.0000	4 5	4	FALSE	LINC004 60	774.42 22	45	0	0	0.8031	0	0.7645
503 5	1.9904	0.0000	0.5024	1.0000	4 5	4	FALSE	RAB11F IP1	721.57 78	45	0	0	0.8019	0	0.7159
267	1.9789	0.0064	0.5053	0.6892	4 4	4	FALSE	GMFG	617.79 55	44	0	0	0.8042	308578	0.6057
595 7	1.9846	0.0000	0.5039	1.0000	4 4	4	FALSE	MROH6	752.02 27	44	0	0	0.8031	0	0.7416
454 3	1.9885	0.0000	0.5029	0.9214	4 3	4	FALSE	PPP1R15 A	721.00 00	43	0	0	0.8023	186	0.7132
459 2	1.9875	0.0012	0.5031	0.9291	4 3	4	FALSE	FCGBP	737.18 60	43	0	0	0.8025	62156	0.7284
501 1	1.9942	0.0000	0.5014	1.0000	4 3	4	FALSE	TSPAN1 2	692.55 81	43	0	0	0.8012	0	0.6884
534 2	1.9846	0.0000	0.5039	1.0000	4 3	4	FALSE	OPTN	738.25 58	43	0	0	0.8031	0	0.7273
563 0	1.9942	0.0000	0.5014	0.9756	4 3	4	FALSE	LOC101 929857 /// SLX1A- SULT1A 3 ///	638.97 67	43	0	0	0.8012	52	0.6352
								SLX1B- SULT1A 4 ///							
								SULT1A 3 ///							
								SULT1A 4							
								RP11- 391M1.4							
342 3	1.9885	0.0000	0.5029	1.0000	4 2	4	FALSE	AOX1	754.26 19	42	0	0	0.8023	0	0.7453
468 8	1.9885	0.0000	0.5029	1.0000	4 2	4	FALSE	BPHL	729.23 81	42	0	0	0.8023	0	0.7206
472 1	1.9894	0.0000	0.5027	0.9988	4 2	4	FALSE	RASGRP 2	719.57 14	42	0	0	0.8021	2	0.7117
480 1	1.9875	0.0000	0.5031	1.0000	4 2	4	FALSE	DHTKD 1	763.83 33	42	0	0	0.8025	0	0.7540
485 3	1.9875	0.0000	0.5031	1.0000	4 2	4	FALSE	C3orf58	746.02 38	42	0	0	0.8025	0	0.7364
515 0	1.9885	0.0000	0.5029	1.0000	4 2	4	FALSE	AP1G2	745.59 52	42	0	0	0.8023	0	0.7368
453 5	1.9866	0.0000	0.5034	1.0000	4 1	4	FALSE	PODXL2	753.82 93	41	0	0	0.8027	0	0.7427
499 9	1.9885	0.0000	0.5029	1.0000	4 1	4	FALSE	RIMKLB	751.75 61	41	0	0	0.8023	0	0.7421
513 7	1.9894	0.0000	0.5027	1.0000	4 1	4	FALSE		782.82 93	41	0	0	0.8021	0	0.7735

332 3	1.9971	0.0000	0.5007	1.0000	4 0	4	FALSE	LOC100 506548 /// RPL37	737.75 00	40	0	0	0.8006	0	0.7333
349 3	1.9971	0.0000	0.5007	1.0000	4 0	4	FALSE	BANCR	721.90 00	40	0	0	0.8006	0	0.7176
407 3	1.9952	0.0000	0.5012	1.0000	4 0	4	FALSE	EOGT	711.27 50	40	0	0	0.8010	0	0.7063
479 4	1.9952	0.0000	0.5012	1.0000	4 0	4	FALSE	AMPD3	734.57 50	40	0	0	0.8010	0	0.7287
329 3	1.9981	0.0000	0.5005	1.0000	3 9	4	FALSE	ARHGA P24	735.02 56	39	0	0	0.8004	0	0.7306
343 2	1.9981	0.0000	0.5005	1.0000	3 9	4	FALSE	ELP2	740.20 51	39	0	0	0.8004	0	0.7358
584 2	1.9923	0.0000	0.5019	1.0000	3 9	4	FALSE	EPHX3	751.33 33	39	0	0	0.8015	0	0.7432
496 3	1.9962	0.0000	0.5010	1.0000	3 8	4	FALSE	PDGFC	772.31 58	38	0	0	0.8008	0	0.7662
533 5	1.9971	0.0000	0.5007	1.0000	3 8	4	FALSE	FBLN1	640.10 53	38	0	0	0.8006	0	0.6350
557 2	1.9942	0.0000	0.5014	1.0000	3 8	4	FALSE	EMR1	766.39 47	38	0	0	0.8012	0	0.7588
576 2	1.9933	0.0000	0.5017	1.0000	3 8	4	FALSE	SEZ6L2	777.23 68	38	0	0	0.8013	0	0.7688
513 9	1.9952	0.0000	0.5012	1.0000	3 7	4	FALSE	ISCA2	755.32 43	37	0	0	0.8010	0	0.7478
384 2	1.9962	0.0000	0.5010	1.0000	3 6	4	FALSE	DUSP8 /// LOC101 927562	762.69 44	36	0	0	0.8008	0	0.7551
517 2	1.9962	0.0000	0.5010	1.0000	3 6	4	FALSE	HPS3	778.02 78	36	0	0	0.8008	0	0.7703
524 4	1.9914	0.0000	0.5022	1.0000	3 6	4	FALSE	KRT80	786.94 44	36	0	0	0.8017	0	0.7753
660 2	1.9952	0.0000	0.5012	1.0000	3 6	4	FALSE	GLB1L2	765.50 00	36	0	0	0.8010	0	0.7572
101 02	1.9981	0.0000	0.5005	1.0000	3 6	4	FALSE	ZNRF2	721.86 11	36	0	0	0.8004	0	0.7154
139 9	1.9962	0.0049	0.5010	0.6504	3 5	3	FALSE	NKG7	552.37 14	35	0	0	0.8008	117368	0.5474
268 7	1.9990	0.0000	0.5002	1.0000	3 5	4	FALSE	IDH1	740.25 71	35	0	0	0.8002	0	0.7344
450 6	2.0019	0.0000	0.4995	1.0000	3 5	4	FALSE	EP300- AS1	738.14 29	35	0	0	0.7996	0	0.7337
558	1.9866	0.0000	0.5034	0.9394	3 4	4	FALSE	NLRC4	743.08 82	34	0	0	0.8027	196	0.7271
171 6	1.9971	0.0000	0.5007	1.0000	3 4	4	FALSE	SMPDL3 B	790.47 06	34	0	0	0.8006	0	0.7819
289 6	1.9962	0.0000	0.5010	1.0000	3 4	4	FALSE	GMDS	771.02 94	34	0	0	0.8008	0	0.7619
502 1	1.9971	0.0000	0.5007	1.0000	3 4	4	FALSE	FA2H	782.20 59	34	0	0	0.8006	0	0.7737

572 8	1.9942	0.0000	0.5014	1.0000	3 4	4	FALSE	NXPE3	751.35 29	34	0	0	0.8012	0	0.7410
592 0	1.9962	0.0000	0.5010	1.0000	3 4	4	FALSE	TUBE1	780.61 76	34	0	0	0.8008	0	0.7714
680 7	1.9971	0.0000	0.5007	1.0000	3 4	4	FALSE	ARHGE F19	765.82 35	34	0	0	0.8006	0	0.7575
681 5	1.9971	0.0000	0.5007	1.0000	3 4	4	FALSE	METTL7 B	768.97 06	34	0	0	0.8006	0	0.7606
754 0	2.0019	0.0000	0.4995	1.0000	3 4	4	FALSE	C1QTNF 5 /// MFRP	734.94 12	34	0	0	0.7996	0	0.7306
986 6	1.9952	0.0000	0.5012	1.0000	3 4	4	FALSE	LGR4	776.88 24	34	0	0	0.8010	0	0.7669
126 2	2.0010	0.0000	0.4998	1.0000	3 3	4	FALSE	PPARGC 1B	790.90 91	33	0	0	0.7998	0	0.7846
607 2	2.0038	0.0000	0.4990	1.0000	3 3	4	FALSE	FREM3	765.57 58	33	0	0	0.7992	0	0.7610
661 5	2.0000	0.0000	0.5000	1.0000	3 3	4	FALSE	TOX3	770.33 33	33	0	0	0.8000	0	0.7635
979 6	1.9981	0.0000	0.5005	0.9981	3 3	4	FALSE	PPP1R16 B	719.00 00	33	0	0	0.8004	2	0.7112
317 0	2.0019	0.0000	0.4995	1.0000	3 2	4	FALSE	BEX1	769.28 13	32	0	0	0.7996	0	0.7624
371 7	2.0010	0.0000	0.4998	1.0000	3 2	4	FALSE	KIAA03 55	734.59 38	32	0	0	0.7998	0	0.7280
459 8	1.9981	0.0000	0.5005	1.0000	3 2	4	FALSE	PCF11	800.06 25	32	0	0	0.8004	0	0.7906
461 2	2.0000	0.0000	0.5000	1.0000	3 2	4	FALSE	ZNF217	793.15 63	32	0	0	0.8000	0	0.7853
464 3	1.9981	0.0000	0.5005	1.0000	3 2	4	FALSE	REEP1	732.40 63	32	0	0	0.8004	0	0.7237
539 7	2.0067	0.0000	0.4983	0.9980	3 2	4	FALSE	SULT1A 1	662.59 38	32	0	0	0.7987	2	0.6600
557 4	2.0067	0.0000	0.4983	0.9980	3 2	4	FALSE	SULT1A 2	646.62 50	32	0	0	0.7987	2	0.6440
559 1	1.9942	0.0000	0.5014	1.0000	3 2	4	FALSE	PRKCB	757.62 50	32	0	0	0.8012	0	0.7457
593 2	2.0000	0.0000	0.5000	1.0000	3 2	4	FALSE	REEP6	798.65 63	32	0	0	0.8000	0	0.7907
674 9	2.0019	0.0000	0.4995	1.0000	3 2	4	FALSE	CLPTM1 L	795.00 00	32	0	0	0.7996	0	0.7887
388 1	2.0010	0.0000	0.4998	1.0000	3 1	4	FALSE	NEU1	779.48 39	31	0	0	0.7998	0	0.7718
454 5	1.9981	0.0000	0.5005	1.0000	3 1	4	FALSE	ALDOC	806.80 65	31	0	0	0.8004	0	0.7965
460 7	2.0010	0.0000	0.4998	1.0000	3 1	4	FALSE	FSTL3	759.09 68	31	0	0	0.7998	0	0.7516
555 5	2.0019	0.0000	0.4995	1.0000	3 1	4	FALSE	CEACA M1	767.96 77	31	0	0	0.7996	0	0.7611

563 5	1.9962	0.0000	0.5010	1.0000	3 1	4	FALSE	GPR37 /// SEL1L2	807.41 94	31	0	0	0.8008	0	0.7955
936 3	2.0010	0.0000	0.4998	1.0000	3 1	4	FALSE	NQO1	804.29 03	31	0	0	0.7998	0	0.7963
968 4	2.0000	0.0011	0.5000	0.7763	3 1	4	FALSE	HIST1H 2BH	658.35 48	31	0	0	0.8000	41262	0.6512
213 3	2.0067	0.0000	0.4983	1.0000	3 0	4	FALSE	NDN	685.56 67	30	0	0	0.7987	0	0.6815
326 3	2.0038	0.0000	0.4990	1.0000	3 0	4	FALSE	LRRC2	775.70 00	30	0	0	0.7992	0	0.7688
630 3	2.0038	0.0000	0.4990	1.0000	3 0	4	FALSE	FUCA1	803.43 33	30	0	0	0.7992	0	0.7971
777 1	2.0029	0.0000	0.4993	1.0000	3 0	4	FALSE	C1orf53	722.46 67	30	0	0	0.7994	0	0.7160
100 58	2.0029	0.0000	0.4993	1.0000	3 0	4	FALSE	MESP1	763.76 67	30	0	0	0.7994	0	0.7570
272 6	2.0077	0.0000	0.4981	1.0000	2 9	4	FALSE	CACNA ID	748.93 10	29	0	0	0.7985	0	0.7445
480 6	2.0000	0.0000	0.5000	1.0000	2 9	4	FALSE	FGR	808.82 76	29	0	0	0.8000	0	0.7984
100 98	2.0038	0.0000	0.4990	1.0000	2 9	4	FALSE	TTC7B	759.58 62	29	0	0	0.7992	0	0.7528
208 8	2.0096	0.0000	0.4976	1.0000	2 8	4	FALSE	MEOX2	617.78 57	28	0	0	0.7981	0	0.6147
425 3	2.0134	0.0000	0.4967	1.0000	2 8	4	FALSE	HHIP	712.42 86	28	0	0	0.7973	0	0.7117
457 4	2.0038	0.0000	0.4990	1.0000	2 8	4	FALSE	CD97	809.60 71	28	0	0	0.7992	0	0.8016
596 8	2.0019	0.0000	0.4995	1.0000	2 8	4	FALSE	NAP1L5	816.57 14	28	0	0	0.7996	0	0.8069
597 4	2.0019	0.0000	0.4995	1.0000	2 8	4	FALSE	RSPO3	719.57 14	28	0	0	0.7996	0	0.7110
327 5	2.0096	0.0000	0.4976	1.0000	2 7	4	FALSE	ODAM	752.48 15	27	0	0	0.7981	0	0.7480
452 7	2.0048	0.0000	0.4988	1.0000	2 7	4	FALSE	CYR61	814.22 22	27	0	0	0.7990	0	0.8062
527 9	2.0048	0.0000	0.4988	1.0000	2 7	4	FALSE	LINC009 36	808.62 96	27	0	0	0.7990	0	0.8006
592 5	2.0096	0.0000	0.4976	1.0000	2 7	4	FALSE	TMEM5 5A	772.92 59	27	0	0	0.7981	0	0.7683
600 4	2.0038	0.0000	0.4990	1.0000	2 7	4	FALSE	SALL4	816.48 15	27	0	0	0.7992	0	0.8076
954 1	2.0067	0.0000	0.4983	1.0000	2 7	4	FALSE	GCAT	791.40 74	27	0	0	0.7987	0	0.7851
961 5	2.0048	0.0000	0.4988	1.0000	2 7	4	FALSE	EGF	786.70 37	27	0	0	0.7990	0	0.7789
969 4	2.0067	0.0000	0.4983	1.0000	2 7	4	FALSE	MAGED 1	784.48 15	27	0	0	0.7987	0	0.7783
417 2	2.0096	0.0000	0.4976	1.0000	2 6	4	FALSE	ANKDD 1A	758.84 62	26	0	0	0.7981	0	0.7543

5118	2.0106	0.0000	0.4974	0.9969	26	4	FALSE	MYADM	753.0385	26	0	0	0.7979	2	0.7493
5320	2.0106	0.0000	0.4974	1.0000	26	4	FALSE	PFKP	759.5769	26	0	0	0.7979	0	0.7550
5587	2.0077	0.0000	0.4981	0.9138	26	3	FALSE	KLRC3	710.0769	26	0	0	0.7985	232	0.7051
5765	2.0077	0.0000	0.4981	1.0000	26	4	FALSE	SLC38A7	781.3077	26	0	0	0.7985	0	0.7751
6022	2.0125	0.0000	0.4969	1.0000	26	4	FALSE	IL4I1	726.6154	26	0	0	0.7975	0	0.7237
8507	2.0067	0.0000	0.4983	1.0000	26	4	FALSE	EMP1	742.8462	26	0	0	0.7987	0	0.7362
1584	2.0067	0.0000	0.4983	1.0000	25	4	FALSE	OSMR	795.6400	25	0	0	0.7987	0	0.7870
2938	2.0096	0.0000	0.4976	1.0000	25	4	FALSE	PRRG1	790.2000	25	0	0	0.7981	0	0.7839
2980	2.0115	0.0000	0.4971	1.0000	25	4	FALSE	HMGA1	776.0400	25	0	0	0.7977	0	0.7714
3942	2.0106	0.0000	0.4974	1.0000	25	4	FALSE	LRP4	752.8000	25	0	0	0.7979	0	0.7476
5480	2.0125	0.0000	0.4969	1.0000	25	4	FALSE	TMSB15A /// TMSB15B	759.0400	25	0	0	0.7975	0	0.7553
10166	2.0086	0.0000	0.4978	1.0000	25	4	FALSE	MAP7D2	791.3600	25	0	0	0.7983	0	0.7851
3466	2.0096	0.0000	0.4976	1.0000	24	4	FALSE	GATA6-AS1	796.4583	24	0	0	0.7981	0	0.7894
5603	2.0077	0.0000	0.4981	1.0000	24	4	FALSE	CD24	831.7917	24	0	0	0.7985	0	0.8236
6421	2.0125	0.0008	0.4969	0.7935	24	3	FALSE	GNLY	635.5417	24	0	0	0.7975	30818	0.6330
9667	2.0096	0.0000	0.4976	0.9203	24	3	FALSE	CD160	721.0833	24	0	0	0.7981	156	0.7161
10094	2.0096	0.0000	0.4976	1.0000	24	4	FALSE	TTC8	821.8750	24	0	0	0.7981	0	0.8154
10121	2.0106	0.0000	0.4974	1.0000	24	4	FALSE	CISD2	770.3750	24	0	0	0.7979	0	0.7643
4983	2.0086	0.0000	0.4978	1.0000	23	4	FALSE	DNAJC12	841.6522	23	0	0	0.7983	0	0.8333
5370	2.0183	0.0000	0.4955	1.0000	23	4	FALSE	BTBD3	797.3043	23	0	0	0.7963	0	0.7965
9254	2.0298	0.0000	0.4927	0.9723	23	4	FALSE	HMCN1	535.6957	23	0	0	0.7940	14	0.5411
9776	2.0086	0.0000	0.4978	0.9960	23	4	FALSE	FNBP1	723.1304	23	0	0	0.7983	4	0.7160
9893	2.0134	0.0000	0.4967	1.0000	23	4	FALSE	ACP6	803.6957	23	0	0	0.7973	0	0.7997
5507	2.0144	0.0000	0.4964	1.0000	22	4	FALSE	AKAP7	759.7727	22	0	0	0.7971	0	0.7552

9406	2.0096	0.0000	0.4976	1.0000	22	4	FALSE	BET1	821.5000	22	0	0	0.7981	0	0.8134
9870	2.0144	0.0000	0.4964	1.0000	22	4	FALSE	SIL1	833.2273	22	0	0	0.7971	0	0.8291
9907	2.0096	0.0000	0.4976	1.0000	22	4	FALSE	PCSK1N	827.7727	22	0	0	0.7981	0	0.8196
9961	2.0115	0.0000	0.4971	1.0000	22	4	FALSE	KCNK5	816.2727	22	0	0	0.7977	0	0.8098
10144	2.0134	0.0000	0.4967	1.0000	22	4	FALSE	MFSD3	803.0000	22	0	0	0.7973	0	0.7982
10199	2.0154	0.0000	0.4962	1.0000	22	4	FALSE	SMIM22	788.7273	22	0	0	0.7969	0	0.7856
1554	2.0144	0.0000	0.4964	1.0000	21	4	FALSE	STK32A	801.8571	21	0	0	0.7971	0	0.7971
4529	2.0154	0.0000	0.4962	1.0000	21	4	FALSE	JUNB	791.0952	21	0	0	0.7969	0	0.7872
5511	2.0173	0.0000	0.4957	1.0000	21	4	FALSE	ROR1	816.6667	21	0	0	0.7965	0	0.8134
5700	2.0202	0.0000	0.4950	1.0000	21	4	FALSE	KRT4	762.4286	21	0	0	0.7960	0	0.7617
9395	2.0144	0.0000	0.4964	1.0000	21	4	FALSE	TRIM2	785.3810	21	0	0	0.7971	0	0.7807
9758	2.0115	0.0007	0.4971	0.9048	21	4	FALSE	CD1A	774.3333	21	0	0	0.7977	32084	0.7674
9859	2.0125	0.0000	0.4969	1.0000	21	4	FALSE	NFYB	785.9048	21	0	0	0.7975	0	0.7797
10224	2.0154	0.0000	0.4962	1.0000	21	4	FALSE	BRI3BP /// THRIL	805.2857	21	0	0	0.7969	0	0.8013
10243	2.0144	0.0000	0.4964	1.0000	21	4	FALSE	FUNDC1	790.4286	21	0	0	0.7971	0	0.7857
3157	2.0163	0.0000	0.4960	1.0000	20	4	FALSE	GALNT2	809.1500	20	0	0	0.7967	0	0.8043
9361	2.0163	0.0000	0.4960	1.0000	20	4	FALSE	SCRN1	842.7000	20	0	0	0.7967	0	0.8385
9486	2.0163	0.0000	0.4960	1.0000	20	4	FALSE	MMP7	827.9500	20	0	0	0.7967	0	0.8230
5332	2.0490	0.0000	0.4880	1.0000	19	4	FALSE	TIMP1	708.7895	19	0	0	0.7902	0	0.7270
5705	2.0183	0.0000	0.4955	1.0000	19	4	FALSE	LDB3	707.8421	19	0	0	0.7963	0	0.7043
5759	2.0192	0.0000	0.4952	1.0000	19	4	FALSE	LEPREL1	774.5789	19	0	0	0.7962	0	0.7715
6332	2.0144	0.0000	0.4964	1.0000	19	4	FALSE	CX3CL1	834.1579	19	0	0	0.7971	0	0.8275
9779	2.0192	0.0000	0.4952	1.0000	19	4	FALSE	MYO1B	796.3158	19	0	0	0.7962	0	0.7931
10019	2.0163	0.0000	0.4960	1.0000	19	4	FALSE	ACAD8	826.4737	19	0	0	0.7967	0	0.8215
10213	2.0173	0.0000	0.4957	1.0000	19	4	FALSE	RALY-AS1	847.5789	19	0	0	0.7965	0	0.8434

10272	2.0173	0.0000	0.4957	1.0000	19	4	FALSE	FOXO6	850.3684	19	0	0	0.7965	0	0.8461
3500	2.0202	0.0000	0.4950	1.0000	18	4	FALSE	RP11-127B20.2	745.8889	18	0	0	0.7960	0	0.7429
9726	2.0202	0.0000	0.4950	1.0000	18	4	FALSE	OSBPL3	779.7778	18	0	0	0.7960	0	0.7767
2585	2.0211	0.0000	0.4948	1.0000	17	4	FALSE	DOK5	827.9412	17	0	0	0.7958	0	0.8246
8298	2.0231	0.0000	0.4943	1.0000	17	4	FALSE	SGIP1	751.9412	17	0	0	0.7954	0	0.7504
9546	2.0163	0.0000	0.4960	1.0000	17	4	FALSE	TFAP2C	821.8824	17	0	0	0.7967	0	0.8154
1946	2.0125	0.0017	0.4969	0.5167	16	4	FALSE	TRPV2	530.0000	16	0	0	0.7975	80484	0.5237
5553	2.0202	0.0000	0.4950	1.0000	16	4	FALSE	SMARCA2	833.1250	16	0	0	0.7960	0	0.8282
6024	2.0211	0.0000	0.4948	1.0000	16	4	FALSE	KGFLP2	776.4375	16	0	0	0.7958	0	0.7726
8534	2.0173	0.0019	0.4957	0.8750	16	4	FALSE	LOC102724884 /// LOC728613 /// PDCD6AC009237.8 /// AK055967	802.4375	16	0	0	0.7965	26500	0.7968
9635	2.0221	0.0000	0.4945	1.0000	16	4	FALSE	BLNK	845.6250	16	0	0	0.7956	0	0.8431
9661	2.0173	0.0000	0.4957	1.0000	16	4	FALSE	HIST1H2BC /// HIST1H2BE /// HIST1H2BF /// HIST1H2BG /// HIST1H2BI	847.5000	16	0	0	0.7965	0	0.8408
9681	2.0221	0.0005	0.4945	0.7333	16	4	FALSE	BNIP2	585.9375	16	0	0	0.7956	18880	0.5836
9707	2.0192	0.0000	0.4952	1.0000	16	4	FALSE	CCNO	839.9375	16	0	0	0.7962	0	0.8349
9749	2.0192	0.0000	0.4952	1.0000	16	4	FALSE	DES1	851.9375	16	0	0	0.7962	0	0.8469
9786	2.0192	0.0000	0.4952	1.0000	16	4	FALSE	ZNF468	803.9375	16	0	0	0.7962	0	0.7983
9836	2.0154	0.0000	0.4962	1.0000	16	4	FALSE	CLDN12	856.9375	16	0	0	0.7969	0	0.8485
10031	2.0202	0.0000	0.4950	1.0000	16	4	FALSE		852.6875	16	0	0	0.7960	0	0.8484

10039	2.0221	0.0000	0.4945	1.0000	16	4	FALSE	C15orf48	803.5000	16	0	0	0.7956	0	0.8003
9377	2.0202	0.0000	0.4950	1.0000	15	4	FALSE	PLK2	851.7333	15	0	0	0.7960	0	0.8467
9503	2.0202	0.0000	0.4950	1.0000	15	4	FALSE	ACOT13	747.4000	15	0	0	0.7960	0	0.7422
9571	2.0192	0.0000	0.4952	1.0000	15	4	FALSE	FLAD1	827.0667	15	0	0	0.7962	0	0.8205
10036	2.0231	0.0000	0.4943	1.0000	15	4	FALSE	TMEM60	840.6000	15	0	0	0.7954	0	0.8381
10274	2.0163	0.0000	0.4960	1.0000	15	4	FALSE	LOC100505920	871.4667	15	0	0	0.7967	0	0.8628
5585	2.0231	0.0000	0.4943	1.0000	14	4	FALSE	SERPINH1	833.8571	14	0	0	0.7954	0	0.8297
9734	2.0240	0.0000	0.4941	1.0000	14	4	FALSE	CD69	827.1429	14	0	0	0.7952	0	0.8247
9945	2.0240	0.0000	0.4941	1.0000	14	4	FALSE	GRHL2	854.3571	14	0	0	0.7952	0	0.8518
30926	2.0259	0.0000	0.4936	1.0000	14	4	FALSE	SOD3	654.4286	14	0	0	0.7948	0	0.6531
586	2.0250	0.0008	0.4938	0.3718	13	4	FALSE	C1orf162	239.1538	13	0	0	0.7950	33656	0.2382
2481	2.0221	0.0000	0.4945	1.0000	13	4	FALSE	SEC14L1	819.0769	13	0	0	0.7956	0	0.8142
5742	2.0231	0.0000	0.4943	1.0000	13	4	FALSE	IPO4	820.9231	13	0	0	0.7954	0	0.8160
9443	2.0183	0.0000	0.4955	1.0000	13	4	FALSE	GALNT3	876.9231	13	0	0	0.7963	0	0.8682
9736	2.0240	0.0000	0.4941	0.7821	13	4	FALSE	HIST1H2BK	621.8462	13	0	0	0.7952	136	0.6194
9974	2.0307	0.0000	0.4924	1.0000	13	4	FALSE	TTLL7	821.8462	13	0	0	0.7939	0	0.8235
10033	2.0519	0.0000	0.4874	1.0000	13	4	FALSE	NTN4	722.3077	13	0	0	0.7896	0	0.7386
10080	2.0231	0.0000	0.4943	1.0000	13	4	FALSE	BRI3BP	838.0769	13	0	0	0.7954	0	0.8339
5616	2.0240	0.0000	0.4941	1.0000	12	4	FALSE	SFN	835.9167	12	0	0	0.7952	0	0.8309
7056	2.0231	0.0000	0.4943	1.0000	12	4	FALSE	AFAP1-AS1	878.2500	12	0	0	0.7954	0	0.8730
9501	2.0307	0.0000	0.4924	1.0000	12	4	FALSE	ST6GALNAC2	821.5000	12	0	0	0.7939	0	0.8223
9581	2.0240	0.0000	0.4941	1.0000	12	4	FALSE	BIK	871.1667	12	0	0	0.7952	0	0.8668
10114	2.0259	0.0000	0.4936	1.0000	12	4	FALSE	TMEM99	820.9167	12	0	0	0.7948	0	0.8185
15811	2.0231	0.0000	0.4943	1.0000	12	4	FALSE	SPINT2	861.4167	12	0	0	0.7954	0	0.8563
1397	2.0567	0.0001	0.4862	0.5455	11	4	FALSE	KLRD1	175.9091	11	0	0	0.7887	3680	0.1806

564 3	2.0288	0.0000	0.4929	1.0000	1 1	4	FALSE	VLDLR	835.18 18	11	0	0	0.7942	0	0.8335
703 3	2.0307	0.0000	0.4924	1.0000	1 1	4	FALSE	CP	853.00 00	11	0	0	0.7939	0	0.8530
944 0	2.0279	0.0000	0.4931	1.0000	1 1	4	FALSE	SOCS2	735.18 18	11	0	0	0.7944	0	0.7337
965 9	2.0279	0.0000	0.4931	1.0000	1 1	4	FALSE	MR1	793.27 27	11	0	0	0.7944	0	0.7909
971 1	2.0279	0.0000	0.4931	1.0000	1 1	4	FALSE	PPAT	858.54 55	11	0	0	0.7944	0	0.8560
975 1	2.0269	0.0000	0.4934	1.0000	1 1	4	FALSE	PRKCQ	885.81 82	11	0	0	0.7946	0	0.8832
989 0	2.0269	0.0000	0.4934	1.0000	1 1	4	FALSE	VWA1	837.27 27	11	0	0	0.7946	0	0.8348
991 1	2.0269	0.0000	0.4934	1.0000	1 1	4	FALSE	ACN9	855.09 09	11	0	0	0.7946	0	0.8517
999 9	2.0240	0.0000	0.4941	1.0000	1 1	4	FALSE	HHLA3	880.72 73	11	0	0	0.7952	0	0.8755
101 40	2.0269	0.0000	0.4934	1.0000	1 1	4	FALSE	RASSF3	884.54 55	11	0	0	0.7946	0	0.8810
153 50	2.0298	0.0000	0.4927	1.0000	1 1	4	FALSE	TARP /// TRGC2 ///	796.81 82	11	0	0	0.7940	0	0.7960
418 31	2.0298	0.0003	0.4927	0.7273	1 1	4	FALSE	TRGV9 HIST1H 2BE	483.27 27	11	0	0	0.7940	10660	0.4828
704 5	2.0317	0.0000	0.4922	1.0000	1 0	4	FALSE	HDGFR P3	843.50 00	10	0	0	0.7937	0	0.8435
971 8	2.0279	0.0000	0.4931	1.0000	1 0	4	FALSE	GSTZ1	887.10 00	10	0	0	0.7944	0	0.8844
988 2	2.0279	0.0000	0.4931	1.0000	1 0	4	FALSE	RNF43	887.10 00	10	0	0	0.7944	0	0.8844
100 66	2.0269	0.0000	0.4934	1.0000	1 0	4	FALSE	PREX1	867.40 00	10	0	0	0.7946	0	0.8639
101 07	2.0279	0.0000	0.4931	1.0000	1 0	4	FALSE	STARD4	889.90 00	10	0	0	0.7944	0	0.8872
364 16	2.0548	0.0002	0.4867	0.6889	1 0	4	FALSE	GZMH	339.90 00	10	0	0	0.7890	6742	0.3479
447 81	2.0567	0.0000	0.4862	0.7778	1 0	4	FALSE	TCRDV2 /// TRDC /// TRDC ///	486.50 00	10	0	0	0.7887	26	0.4990
938 3	2.0288	0.0000	0.4929	1.0000	9	4	FALSE	YME1L1 LDLR	783.22 22	9	0	0	0.7942	0	0.7809
940 8	2.0298	0.0000	0.4927	1.0000	9	4	FALSE	CKMT1 A /// CKMT1 B	902.00 00	9	0	0	0.7940	0	0.8993
962 6	2.0288	0.0000	0.4929	1.0000	9	4	FALSE	SIX2	901.22 22	9	0	0	0.7942	0	0.8976

967 3	2.0279	0.0000	0.4931	1.0000	9	4	FALSE	REV3L	887.11 11	9	0	0	0.7944	0	0.8827
969 7	2.0288	0.0000	0.4929	1.0000	9	4	FALSE	TSPAN6	897.77 78	9	0	0	0.7942	0	0.8951
991 4	2.0317	0.0000	0.4922	1.0000	9	4	FALSE	ETNK1	800.00 00	9	0	0	0.7937	0	0.7992
100 01	2.0298	0.0000	0.4927	1.0000	9	4	FALSE	LGSN	896.66 67	9	0	0	0.7940	0	0.8949
101 30	2.0317	0.0000	0.4922	1.0000	9	4	FALSE	VSTM2L	896.66 67	9	0	0	0.7937	0	0.8958
102 47	2.0279	0.0000	0.4931	1.0000	9	4	FALSE	BCL2L1 5	896.22 22	9	0	0	0.7944	0	0.8927
102 61	2.0317	0.0000	0.4922	1.0000	9	4	FALSE	RP11- 140I16.3	877.33 33	9	0	0	0.7937	0	0.8765
159 99	2.0298	0.0000	0.4927	1.0000	9	4	FALSE	HOOK1	876.22 22	9	0	0	0.7940	0	0.8745
594	2.0307	0.0000	0.4924	1.0000	8	4	FALSE	C6orf141	890.25 00	8	0	0	0.7939	0	0.8885
548 9	2.0336	0.0000	0.4917	1.0000	8	4	FALSE	NPY1R	843.25 00	8	0	0	0.7933	0	0.8433
984 2	2.0336	0.0000	0.4917	1.0000	8	4	FALSE	LAMB2	848.25 00	8	0	0	0.7933	0	0.8483
993 2	2.0298	0.0000	0.4927	1.0000	8	4	FALSE	USP18	903.50 00	8	0	0	0.7940	0	0.9008
100 76	2.0307	0.0000	0.4924	1.0000	8	4	FALSE	TMEM5 4	896.12 50	8	0	0	0.7939	0	0.8934
133 30	2.0317	0.0000	0.4922	1.0000	8	4	FALSE	RBP7	848.87 50	8	0	0	0.7937	0	0.8472
154 46	2.0327	0.0000	0.4920	1.0000	8	4	FALSE	RCSD1	558.75 00	8	0	0	0.7935	0	0.5582
160 66	2.0307	0.0000	0.4924	1.0000	8	4	FALSE	KIAA15 22	885.25 00	8	0	0	0.7939	0	0.8835
197 48	2.0336	0.0000	0.4917	1.0000	8	4	FALSE	NMT2	708.12 50	8	0	0	0.7933	0	0.7081
251 44	2.0307	0.0000	0.4924	1.0000	8	4	FALSE	LOC101 929787	812.12 50	8	0	0	0.7939	0	0.8097
293 01	2.0336	0.0000	0.4917	1.0000	8	4	FALSE	SBF2	875.62 50	8	0	0	0.7933	0	0.8756
269	2.9299	0.0000	0.3413	0.4762	7	5	FALSE	AMICA1	21.428 6	7	0	0	0.6140	244	0.2492
194 4	2.9414	0.0000	0.3400	0.5714	7	5	FALSE	DOK2	21.857 1	7	0	0	0.6117	152	0.2975
937 3	2.0327	0.0000	0.4920	1.0000	7	4	FALSE	TWF1	886.00 00	7	0	0	0.7935	0	0.8842
976 0	2.0317	0.0000	0.4922	1.0000	7	4	FALSE	BCL11A	918.57 14	7	0	0	0.7937	0	0.9158
101 71	2.0298	0.0000	0.4927	1.0000	7	4	FALSE	NANOS 1	905.42 86	7	0	0	0.7940	0	0.9018
155 90	2.0307	0.0000	0.4924	1.0000	7	4	FALSE	FOXA1	903.42 86	7	0	0	0.7939	0	0.9007

157 10	2.0317	0.0000	0.4922	1.0000	7	4	FALSE	EPB41L 3	875.42 86	7	0	0	0.7937	0	0.8737
157 52	2.0317	0.0000	0.4922	1.0000	7	4	FALSE	H1F0	906.71 43	7	0	0	0.7937	0	0.9049
162 21	2.0413	0.0040	0.4899	0.3810	7	4	FALSE	KRTCA P3	392.71 43	7	0	0	0.7917	17934	0.3957
195 62	2.0327	0.0000	0.4920	0.9524	7	4	FALSE	RTN1	615.00 00	7	0	0	0.7935	8	0.6138
223 75	2.0346	0.0000	0.4915	1.0000	7	4	FALSE	HMBOX 1	840.28 57	7	0	0	0.7931	0	0.8403
284 26	2.0336	0.0000	0.4917	1.0000	7	4	FALSE	NUP62C L	903.14 29	7	0	0	0.7933	0	0.9022
298 81	2.0346	0.0000	0.4915	1.0000	7	4	FALSE	GPRASP 1	794.71 43	7	0	0	0.7931	0	0.7947
434 76	2.0528	0.0001	0.4871	0.7143	7	4	FALSE	H2BFS	158.85 71	7	0	0	0.7894	2072	0.1618
447 77	2.0605	0.0000	0.4853	0.9048	7	4	FALSE	TRDV3	366.71 43	7	0	0	0.7879	4	0.3765
194 2	2.9693	0.0000	0.3368	0.8000	6	5	FALSE	SELPLG	15.333 3	6	0	0	0.6061	6	0.3194
837 2	2.0355	0.0000	0.4913	1.0000	6	4	FALSE	PDK4	870.83 33	6	0	0	0.7929	0	0.8708
855 2	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	WASIR1 ///	783.83 33	6	0	0	0.7935	0	0.7823
								WASIR1 ///							
								WASIR2 ///							
								WASIR2 ///							
944 5	2.0355	0.0000	0.4913	1.0000	6	4	FALSE	PSMG1	901.33 33	6	0	0	0.7929	0	0.9013
957 3	2.0317	0.0000	0.4922	1.0000	6	4	FALSE	CYP27B 1	898.00 00	6	0	0	0.7937	0	0.8944
998 7	2.0365	0.0000	0.4910	1.0000	6	4	FALSE	XAGE1 B /// XAGE1E	922.33 33	6	0	0	0.7927	0	0.9233
101 85	2.0355	0.0000	0.4913	1.0000	6	4	FALSE	SLC35F3	926.83 33	6	0	0	0.7929	0	0.9268
134 54	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	KIF22	894.00 00	6	0	0	0.7935	0	0.8922
156 76	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	HABP2	915.83 33	6	0	0	0.7935	0	0.9140
160 97	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	TMEM4 5B	915.83 33	6	0	0	0.7935	0	0.9140
161 59	2.0317	0.0000	0.4922	1.0000	6	4	FALSE	FBXO16	900.33 33	6	0	0	0.7937	0	0.8976
162 27	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	SYNE4	894.00 00	6	0	0	0.7935	0	0.8922
162 31	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	KDF1	786.16 67	6	0	0	0.7935	0	0.7846

225 67	2.0336	0.0000	0.4917	1.0000	6	4	FALSE	CHAC2	816.00 00	6	0	0	0.7933	0	0.8144
280 94	2.0327	0.0000	0.4920	1.0000	6	4	FALSE	CETP	875.33 33	6	0	0	0.7935	0	0.8727
194 0	2.9702	0.0000	0.3367	0.9000	5	5	FALSE	OSCAR	17.200 0	5	0	0	0.6060	2	0.3583
978 2	2.0528	0.0000	0.4871	1.0000	5	4	FALSE	KIAA03 68	838.60 00	5	0	0	0.7894	0	0.8514
100 27	2.0480	0.0000	0.4883	1.0000	5	4	FALSE	MRPS23	739.40 00	5	0	0	0.7904	0	0.7476
156 32	2.0336	0.0000	0.4917	1.0000	5	4	FALSE	GGCX	914.60 00	5	0	0	0.7933	0	0.9128
160 54	2.0336	0.0000	0.4917	1.0000	5	4	FALSE	STK31	914.60 00	5	0	0	0.7933	0	0.9128
161 44	2.0336	0.0000	0.4917	1.0000	5	4	FALSE	IGFBPL 1	757.80 00	5	0	0	0.7933	0	0.7563
207 58	2.0346	0.0000	0.4915	1.0000	5	4	FALSE	LINC008 44	861.60 00	5	0	0	0.7931	0	0.8599
252 36	2.9232	0.0000	0.3421	0.4000	5	5	FALSE	SLC7A7	32.600 0	5	0	0	0.6154	88	0.3447
421 99	2.0355	0.0000	0.4913	1.0000	5	4	FALSE	PPM1K	916.40 00	5	0	0	0.7929	0	0.9155
422 73	2.0365	0.0000	0.4910	1.0000	5	4	FALSE	LOC100 129550	896.60 00	5	0	0	0.7927	0	0.8966
139 4	2.0528	0.0000	0.4871	0.8333	4	3	FALSE	PRF1	464.00 00	4	0	0	0.7894	24	0.4725
157 9	2.0375	0.0000	0.4908	1.0000	4	4	FALSE	ASPHD1	932.50 00	4	0	0	0.7925	0	0.9325
100 84	2.0384	0.0000	0.4906	1.0000	4	4	FALSE	GNPNA T1	926.00 00	4	0	0	0.7923	0	0.9269
103 85	2.0403	0.0000	0.4901	1.0000	4	4	FALSE	LGALS3 BP	928.25 00	4	0	0	0.7919	0	0.9310
127 75	2.0519	0.0000	0.4874	1.0000	4	4	FALSE	FOXO1	833.00 00	4	0	0	0.7896	0	0.8448
158 83	2.0365	0.0000	0.4910	1.0000	4	4	FALSE	OR7E14 P	924.75 00	4	0	0	0.7927	0	0.9248
161 49	2.0480	0.0000	0.4883	1.0000	4	4	FALSE	LOC100 506098	709.25 00	4	0	0	0.7904	0	0.7171
246 49	2.2104	0.0000	0.4524	1.0000	4	5	FALSE	CPA3	419.50 00	4	0	0	0.7579	0	0.5079
280 42	2.0375	0.0000	0.4908	1.0000	4	4	FALSE	MST1R	933.75 00	4	0	0	0.7925	0	0.9338
364 14	2.9904	0.0000	0.3344	1.0000	4	4	FALSE	GZMB	20.000 0	4	0	0	0.6019	0	0.5405
478 33	2.9962	0.0000	0.3338	1.0000	4	5	FALSE	HIST2H 2AA3 /// HIST2H 2AA4	16.250 0	4	0	0	0.6008	0	0.5242
121 58	2.0384	0.0000	0.4906	1.0000	3	4	FALSE	HSPB1	942.33 33	3	0	0	0.7923	0	0.9423

156 12	2.0509	0.0000	0.4876	1.0000	3	4	FALSE	GJB1	909.00 00	3	0	0	0.7898	0	0.9210
158 58	2.1931	0.0019	0.4560	0.3333	3	4	FALSE	APITD1 /// APITD1- CORT	327.66 67	3	0	0	0.7614	13736	0.3906
159 68	2.0490	0.0000	0.4880	1.0000	3	4	FALSE	ELMO3	897.66 67	3	0	0	0.7902	0	0.9077
161 87	2.0528	0.0000	0.4871	1.0000	3	4	FALSE	SLX4IP	894.66 67	3	0	0	0.7894	0	0.9092
201 36	2.1681	0.0000	0.4612	1.0000	3	4	FALSE	FGFR2	833.00 00	3	0	0	0.7664	0	0.9597
288 29	2.0538	0.0000	0.4869	1.0000	3	4	FALSE	CDH6	919.33 33	3	0	0	0.7892	0	0.9333
288 82	2.0413	0.0000	0.4899	1.0000	3	4	FALSE	HSPB3	953.66 67	3	0	0	0.7917	0	0.9565
305 62	2.9597	0.0000	0.3379	0.3333	3	5	FALSE	VSIG4	26.333 3	3	0	0	0.6081	4	0.4483
316 48	2.0394	0.0000	0.4903	1.0000	3	4	FALSE	PRG4	922.66 67	3	0	0	0.7921	0	0.9236
332 90	2.0394	0.0000	0.4903	1.0000	3	4	FALSE	LTC4S	933.33 33	3	0	0	0.7921	0	0.9343
419 91	2.0384	0.0000	0.4906	1.0000	3	4	FALSE	FAM13B	940.66 67	3	0	0	0.7923	0	0.9407
422 19	2.0538	0.0000	0.4869	1.0000	3	4	FALSE	ZBTB46	863.00 00	3	0	0	0.7892	0	0.8761
585 46	2.9712	0.0000	0.3366	0.6667	3	5	FALSE	RAB25	19.666 7	3	0	0	0.6058	204	0.3782
606 06	2.3612	0.0000	0.4235	1.0000	3	4	FALSE	TMEM1 40	444.33 33	3	0	0	0.7278	0	0.6622
75	2.0548	0.0000	0.4867	1.0000	2	4	FALSE	EPHB3	925.00 00	2	0	0	0.7890	0	0.9391
266	2.9760	0.0000	0.3360	1.0000	2	5	FALSE	CLEC12 A	25.500 0	2	0	0	0.6048	0	0.5667
603	2.0672	0.0019	0.4837	0.0000	2	4	FALSE	CARD16	486.50 00	2	0	0	0.7866	2274	0.5000
157 6	2.0519	0.0000	0.4874	1.0000	2	4	FALSE	NT5E	909.50 00	2	0	0	0.7896	0	0.9215
836 9	2.7618	0.0000	0.3621	1.0000	2	5	FALSE	ZNF677	211.50 00	2	0	0	0.6476	0	0.7862
866 6	2.0576	0.0000	0.4860	1.0000	2	4	FALSE	MLEC	905.00 00	2	0	0	0.7885	0	0.9235
158 53	2.1499	0.0000	0.4651	1.0000	2	4	FALSE	ERI2	856.00 00	2	0	0	0.7700	0	0.9672
184 70	2.9846	0.0000	0.3350	1.0000	2	5	FALSE	CD207	32.000 0	2	0	0	0.6031	0	0.7273
210 44	2.0423	0.0000	0.4897	1.0000	2	4	FALSE	PRKAR2 B	976.50 00	2	0	0	0.7915	0	0.9794
211 10	2.0586	0.0000	0.4858	1.0000	2	4	FALSE	DPP4	944.50 00	2	0	0	0.7883	0	0.9628

226 92	2.0586	0.0000	0.4858	1.0000	2	4	FALSE	SAMD8	570.50 00	2	0	0	0.7883	0	0.5815
265 17	2.1720	0.0000	0.4604	1.0000	2	5	FALSE	LCAT	804.00 00	2	0	0	0.7656	0	0.9252
283 60	2.1556	0.0000	0.4639	1.0000	2	4	FALSE	ZNF331	851.50 00	2	0	0	0.7689	0	0.9676
285 31	2.1556	0.0000	0.4639	1.0000	2	4	FALSE	ZBTB41	851.50 00	2	0	0	0.7689	0	0.9676
293 37	2.0586	0.0000	0.4858	1.0000	2	4	FALSE	SYTL1	944.50 00	2	0	0	0.7883	0	0.9628
314 43	2.0423	0.0000	0.4897	1.0000	2	4	FALSE	RAMP1	976.50 00	2	0	0	0.7915	0	0.9794
337 96	2.0663	0.0000	0.4840	1.0000	2	4	FALSE	LOXL1- AS1	909.50 00	2	0	0	0.7867	0	0.9338
418 39	2.0548	0.0000	0.4867	1.0000	2	4	FALSE	GOT1	925.00 00	2	0	0	0.7890	0	0.9391
420 09	2.0548	0.0000	0.4867	1.0000	2	4	FALSE	SRD5A3	925.00 00	2	0	0	0.7890	0	0.9391
423 17	2.0548	0.0000	0.4867	1.0000	2	4	FALSE	LOC285 147	925.00 00	2	0	0	0.7890	0	0.9391
440 20	2.0423	0.0000	0.4897	1.0000	2	4	FALSE	PRSS35	976.50 00	2	0	0	0.7915	0	0.9794
520 71	2.9933	0.0019	0.3341	0.0000	2	4	FALSE	CD247	18.000 0	2	0	0	0.6013	38876	0.5000
585 47	3.0394	0.0000	0.3290	1.0000	2	5	FALSE	CHMP4 C	5.0000	2	0	0	0.5921	0	0.7143
72	2.4371	0.0000	0.4103	0.0000	1	4	FALSE	DDR1 /// MIR4640 CARD16	595.00 00	1	0	0	0.7126	0	0.0000
604	3.0663	0.0000	0.3261	0.0000	1	5	FALSE	/// CASP1	2.0000	1	0	0	0.5867	0	0.0000
422 0	2.9183	0.0000	0.3427	0.0000	1	5	FALSE	TAGLN	107.00 00	1	0	0	0.6163	0	0.0000
853 5	3.0163	0.0000	0.3315	0.0000	1	5	FALSE	LOC728 613	16.000 0	1	0	0	0.5967	0	0.0000
119 44	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	ITGA6	981.00 00	1	0	0	0.7881	0	0.0000
159 65	2.1960	0.0000	0.4554	0.0000	1	4	FALSE	TRIM68	838.00 00	1	0	0	0.7608	0	0.0000
249 20	2.3170	0.0000	0.4316	0.0000	1	5	FALSE	NAP1L2	726.00 00	1	0	0	0.7366	0	0.0000
250 06	2.3170	0.0000	0.4316	0.0000	1	5	FALSE	TMEM2 61	726.00 00	1	0	0	0.7366	0	0.0000
272 63	3.0403	0.0000	0.3289	0.0000	1	5	FALSE	TOM1L1	7.0000	1	0	0	0.5919	0	0.0000
286 75	2.4371	0.0000	0.4103	0.0000	1	4	FALSE	CD52	595.00 00	1	0	0	0.7126	0	0.0000
317 26	2.2238	0.0000	0.4497	0.0000	1	5	FALSE	RNF11	815.00 00	1	0	0	0.7552	0	0.0000
335 83	2.1902	0.0000	0.4566	0.0000	1	4	FALSE	CLECSA	847.00 00	1	0	0	0.7620	0	0.0000

361 27	2.9673	0.0000	0.3370	0.0000	1	5	FALSE	KLK10	62.000 0	1	0	0	0.6065	0	0.0000
390 80	2.0692	0.0000	0.4833	0.0000	1	4	FALSE	ITPKA	972.00 00	1	0	0	0.7862	0	0.0000
391 30	2.2104	0.0000	0.4524	0.0000	1	5	FALSE	ADORA 2B	829.00 00	1	0	0	0.7579	0	0.0000
421 32	2.1729	0.0000	0.4602	0.0000	1	5	FALSE	TMEM1 08	869.00 00	1	0	0	0.7654	0	0.0000
422 54	2.1729	0.0000	0.4602	0.0000	1	5	FALSE	ADAM1 A /// ADAM1 A	869.00 00	1	0	0	0.7654	0	0.0000
436 36	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	SLC38A 2	981.00 00	1	0	0	0.7881	0	0.0000
437 29	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	EGFL6	981.00 00	1	0	0	0.7881	0	0.0000
437 88	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	BACH2	981.00 00	1	0	0	0.7881	0	0.0000
439 26	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	DDIT4L	981.00 00	1	0	0	0.7881	0	0.0000
439 81	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	XKRX	981.00 00	1	0	0	0.7881	0	0.0000
439 94	2.0596	0.0000	0.4855	0.0000	1	4	FALSE	PCDHB1 5	981.00 00	1	0	0	0.7881	0	0.0000
447 14	2.0692	0.0000	0.4833	0.0000	1	4	FALSE	ALDH1 A1	972.00 00	1	0	0	0.7862	0	0.0000
448 12	2.0692	0.0000	0.4833	0.0000	1	4	FALSE	CPPED1	972.00 00	1	0	0	0.7862	0	0.0000
451 26	2.0692	0.0000	0.4833	0.0000	1	4	FALSE	LEMD1	972.00 00	1	0	0	0.7862	0	0.0000
489 79	2.8415	0.0000	0.3519	0.0000	1	5	FALSE	NFIB	187.00 00	1	0	0	0.6317	0	0.0000
498 31	2.9308	0.0000	0.3412	0.0000	1	5	FALSE	PLCL2	97.000 0	1	0	0	0.6138	0	0.0000
519 82	2.9817	0.0000	0.3354	0.0000	1	5	FALSE	ABCB1 /// ABCB4	47.000 0	1	0	0	0.6037	0	0.0000
520 73	3.9923	0.0000	0.2505	0.0000	1	5	FALSE	KLRB1	2.0000	1	0	0	0.4015	0	0.0000
555 82	2.8415	0.0000	0.3519	0.0000	1	5	FALSE	TMEM8 7B	187.00 00	1	0	0	0.6317	0	0.0000
563 70	3.1921	0.0000	0.3133	0.0000	1	5	FALSE	TCEB3- AS1	3.0000	1	0	0	0.5616	0	0.0000
617 57	2.9750	0.0000	0.3361	0.0000	1	5	FALSE	SLC39A 4	50.000 0	1	0	0	0.6050	0	0.0000