

Table S2. The differentially expressed genes in SIRT2 KD cells vs. control SH-SY5Y cells determined by RNA-seq.

entrezgene_id	ensembl_gene_id	baseMean	log2FoldChang	lfcSE	pvalue	padj	hgnc_symbol
7105	ENSG00000000003	522.25749	0.76604117	0.11476006	5.10E-12	1.11E-10	TSPAN6
64102	ENSG00000000005	0	NA	NA	NA	NA	TNMD
8813	ENSG000000000419	669.87346	-0.01715454	0.0962409	0.85182802	0.93275912	DPM1
57147	ENSG000000000457	382.345246	0.04768479	0.13671135	0.71002147	0.86084246	SCYL3
55732	ENSG000000000460	717.684591	0.06890152	0.10507083	0.49589731	0.71459926	C1orf112
2268	ENSG000000000938	0	NA	NA	NA	NA	FGR
3075	ENSG000000000971	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CFH
2519	ENSG00000001036	686.994166	-0.66179397	0.0976039	3.08E-12	6.78E-11	FUCA2
2729	ENSG00000001084	632.64089	0.44714347	0.10740671	1.43E-05	0.00013234	GCLC
4800	ENSG00000001167	2461.36269	0.16741695	0.07707723	0.026433	0.09095225	NFYA
90529	ENSG00000001460	206.91793	0.28472907	0.17363525	0.06613824	0.18395945	STPG1
57185	ENSG00000001461	464.595054	-0.00190446	0.11547201	0.98527709	0.99475332	NIPAL3
81887	ENSG00000001497	1607.83224	0.08791981	0.08160718	0.27049096	0.49374742	LAS1L
22875	ENSG00000001561	0.34114673	0.0032349	0.38339629	0.95755819	NA	ENPP4
6405	ENSG00000001617	78.285503	0.17728762	0.22853091	0.34027124	0.57056767	SEMA3F
1080	ENSG00000001626	0	NA	NA	NA	NA	CFTR
54467	ENSG00000001629	2573.48934	0.03817843	0.06133003	0.52885954	0.74053026	ANKIB1
1595	ENSG00000001630	2222.41897	-0.67130252	0.10143806	9.10E-12	1.95E-10	CYP51A1
889	ENSG00000001631	1223.94105	-0.08937193	0.08015795	0.25266766	0.47273469	KRIT1
5893	ENSG00000002016	262.810156	0.28589991	0.19817985	0.09409323	0.23820463	RAD52
NA	ENSG00000002079	0.36295163	0.02389475	0.3853924	0.609968	NA	MYH16
572	ENSG00000002330	612.615397	-0.21616969	0.11011834	0.03933105	0.12396233	BAD
51056	ENSG00000002549	679.356735	0.11657886	0.1047543	0.24682341	0.46592963	LAP3
4267	ENSG00000002586	1167.2818	0.92115202	0.08843896	3.25E-26	1.62E-24	CD99
9957	ENSG00000002587	0	NA	NA	NA	NA	HS3ST1
26	ENSG00000002726	1.59649369	-0.11790376	0.40731156	0.0839442	NA	AOC1
51384	ENSG00000002745	10.6552572	0.19920936	0.39745098	0.2505563	0.47053941	WNT16
23072	ENSG00000002746	1.39252152	0.03814872	0.38081255	0.59606634	NA	HECW1
8379	ENSG00000002822	1029.3429	0.0014247	0.09754116	0.9888484	0.99604194	MAD1L1
3927	ENSG00000002834	1878.39484	0.3237578	0.0685878	1.55E-06	1.70E-05	LASP1
29916	ENSG00000002919	516.298809	-0.0465221	0.13121143	0.70480805	0.85803894	SNX11
55365	ENSG00000002933	0.94591501	-0.05316797	0.38917212	0.25487635	NA	TMEM176A
4074	ENSG00000003056	2335.43303	0.05282188	0.0638562	0.40222362	0.63040759	M6PR
90293	ENSG00000003096	1861.29804	1.30161763	0.0711288	8.41E-76	1.56E-73	KLHL13
56603	ENSG00000003137	2.06514806	0.09626599	0.39148402	0.28647282	NA	CYP26B1
3382	ENSG00000003147	3340.4075	0.22947457	0.07951602	0.00313468	0.01572095	ICA1

79007	ENSG00000003249	1186.70189	-0.11480719	0.07573541	0.12155162	0.28808795	DBNDD1
57679	ENSG00000003393	900.572729	-0.30291598	0.1026059	0.00211427	0.01122182	ALS2
843	ENSG00000003400	1.41030328	0.01772516	0.3807661	0.76453093	NA	CASP10
8837	ENSG00000003402	1082.33082	0.20253158	0.10956437	0.05328292	0.15626505	CFLAR
7035	ENSG00000003436	3.22794941	0.1534585	0.42535728	0.04956785	0.14803945	TFPI
55471	ENSG00000003509	556.49386	0.16927111	0.10750564	0.10055555	0.25028506	NDUFAF7
10181	ENSG00000003756	2663.91774	0.03746056	0.06508077	0.55973434	0.76413192	RBM5
9108	ENSG00000003987	378.749909	-0.50434983	0.1277726	3.00E-05	0.00025761	MTMR7
6542	ENSG00000003989	231.078714	1.05003924	0.16727034	4.24E-11	8.49E-10	SLC7A2
381	ENSG00000004059	2965.6547	0.11887136	0.06964118	0.0825752	0.21637154	ARF5
23098	ENSG00000004139	2278.62106	-0.50049384	0.06531982	7.19E-15	1.94E-13	SARM1
26073	ENSG00000004142	2037.78977	-0.12830835	0.06383498	0.04130442	0.12854198	POLDIP2
23129	ENSG00000004399	191.177659	-0.50263675	0.22115283	0.00757771	0.03302038	PLXND1
204	ENSG00000004455	2486.64931	-0.16738073	0.06326123	0.00724322	0.03180029	AK2
952	ENSG00000004468	54.4478516	4.12499323	0.52036409	1.07E-16	3.24E-15	CD38
2288	ENSG00000004478	4840.55548	-0.287235	0.068453	1.94E-05	0.00017427	FKBP4
23028	ENSG00000004487	6398.13582	0.13236848	0.06948158	0.05319259	0.15609245	KDM1A
10180	ENSG00000004534	3682.08125	0.29333498	0.06320411	2.47E-06	2.61E-05	RBM6
84254	ENSG00000004660	169.405515	0.15126165	0.17164455	0.32538734	0.55337603	CAMKK1
5965	ENSG00000004700	650.447765	-0.06286207	0.13216606	0.61128309	0.79937717	RECQL
55610	ENSG00000004766	736.368084	0.28732975	0.11140861	0.0068929	0.03055299	VPS50
126393	ENSG00000004776	7.43800108	0.11324518	0.37748365	0.4146074	0.64173903	HSPB6
115703	ENSG00000004777	692.457392	0.09022453	0.10969333	0.39047961	0.61981882	ARHGAP33
4706	ENSG00000004779	1219.63778	0.12135268	0.09688213	0.19539465	0.39895336	NDUFAB1
5166	ENSG00000004799	77.5760359	1.50995432	0.32027403	1.85E-07	2.36E-06	PDK4
85413	ENSG00000004809	1.13478943	0.06737302	0.38926795	0.26350831	NA	SLC22A16
51364	ENSG00000004838	65.7268928	0.36755196	0.28135591	0.08415883	0.21946783	ZMYND10
340273	ENSG00000004846	0	NA	NA	NA	NA	ABCB5
170302	ENSG00000004848	0.79999795	-0.02985682	0.38372707	0.5462175	NA	ARX
10165	ENSG00000004864	1673.83514	-0.34923004	0.07781231	4.37E-06	4.45E-05	SLC25A13
7982	ENSG00000004866	667.359421	-0.12379352	0.12590133	0.29609241	0.52268649	ST7
93655	ENSG00000004866	667.359421	-0.12379352	0.12590133	0.29609241	0.52268649	ST7
996	ENSG00000004897	2135.41241	-0.14739812	0.08573919	0.07723727	0.20599375	CDC27
6521	ENSG00000004939	0.173124	-0.01911262	0.38486262	0.84537521	NA	SLC4A1
799	ENSG00000004948	0.51313021	0.03090336	0.38602227	0.48239305	NA	CALCR
3052	ENSG00000004961	317.39032	-0.10073179	0.13872563	0.43504534	0.66035668	HCCS
1856	ENSG00000004975	1545.559	0.19684602	0.07791115	0.00978944	0.04080306	DVL2
64063	ENSG00000005001	2.5109304	-0.00387812	0.37450917	0.96250013	NA	PRSS22

5976	ENSG00000005007	3365.29931	-0.13052159	0.07243368	0.06509765	0.18195793	UPF1
8935	ENSG00000005020	32.2554582	0.37233489	0.39987471	0.10978723	0.26670487	SKAP2
292	ENSG00000005022	4350.14093	-0.08827934	0.05750263	0.1202039	0.28547347	SLC25A5
55013	ENSG00000005059	393.621096	0.08564226	0.12486792	0.46859985	0.69133113	MCUB
3207	ENSG00000005073	0	NA	NA	NA	NA	HOXA11
5439	ENSG00000005075	1388.43905	-0.06444766	0.07622225	0.38800684	0.61697969	POLR2J
56919	ENSG00000005100	1796.76664	0.03832527	0.07730791	0.61355077	0.8012142	DHX33
4222	ENSG00000005102	0	NA	NA	NA	NA	MEOX1
221981	ENSG00000005108	1520.91559	0.97867338	0.096145	3.46E-25	1.66E-23	THSD7A
3980	ENSG00000005156	1558.11303	0.29397021	0.1230959	0.01146076	0.04643563	LIG3
79657	ENSG00000005175	518.95592	-0.07880605	0.1088444	0.44761482	0.67150685	RPAP3
6296	ENSG00000005187	3.60130902	0.16634876	0.42563653	0.06618993	0.1840258	ACSM3
81691	ENSG00000005189	270.157579	-0.02597598	0.17860065	0.86799947	0.94228001	REXO5
57019	ENSG00000005194	1260.36104	-0.18662815	0.07688412	0.01307429	0.05164121	CIAPIN1
56928	ENSG00000005206	1345.61485	0.48854109	0.07473156	2.63E-11	5.36E-10	SPPL2B
80256	ENSG00000005238	279.240084	0.32444172	0.16408204	0.02876473	0.09712258	FAM214B
51226	ENSG00000005243	52.1426431	0.52944713	0.32465189	0.02648486	0.09108332	COPZ2
5577	ENSG00000005249	1094.48274	-0.27239383	0.08280694	0.00073467	0.00451543	PRKAR2B
10943	ENSG00000005302	561.141127	0.08480974	0.10377643	0.39627237	0.62563597	MSL3
1387	ENSG00000005339	2814.58672	0.00668117	0.07119437	0.92001084	0.96633041	CREBBP
9256	ENSG00000005379	469.53262	-0.40203507	0.15117426	0.00380048	0.01846719	TSPOAP1
4353	ENSG00000005381	0	NA	NA	NA	NA	MPO
5444	ENSG00000005421	1.17149719	-0.00728038	0.37858016	0.91548856	NA	PON1
6936	ENSG00000005436	687.778007	-0.21392533	0.10783318	0.03802891	0.12085248	GCFC2
84058	ENSG00000005448	790.531531	-0.27361242	0.10999889	0.00910551	0.03836341	WDR54
54677	ENSG00000005469	209.910003	0.28706959	0.1588458	0.04691857	0.14177038	CROT
5244	ENSG00000005471	570.279066	0.56321151	0.11304508	2.07E-07	2.63E-06	ABCB4
55904	ENSG00000005483	2651.67788	-0.10370238	0.07209728	0.13952571	0.31648712	KMT2E
57414	ENSG00000005486	1676.46208	0.20511556	0.07221515	0.0038031	0.01847088	RHBDD2
30812	ENSG00000005513	0	NA	NA	NA	NA	SOX8
25998	ENSG00000005700	999.880366	-0.08831179	0.08533342	0.28837167	0.51413497	IBTK
7748	ENSG00000005801	1798.09548	-0.1051443	0.08778211	0.21788219	0.42968409	ZNF195
23077	ENSG00000005810	1940.61039	-0.12328195	0.09621441	0.18477466	0.38350847	MYCBP2
26224	ENSG00000005812	462.67383	-0.24177215	0.12667372	0.04230492	0.1311043	FBXL3
3683	ENSG00000005844	0.80812928	0.03486839	0.38584757	0.52993191	NA	ITGAL
5164	ENSG00000005882	567.558978	-0.24186873	0.12625783	0.04166108	0.12951361	PDK2
3675	ENSG00000005884	381.863516	-0.18939245	0.19487559	0.25835311	0.47964541	ITGA3
7543	ENSG00000005889	864.739688	-0.11870505	0.13652052	0.35088023	0.58113897	ZFX

3920	ENSG00000005893	513.78676	-0.07729745	0.1041893	0.43887825	0.66407447	LAMP2
3674	ENSG00000005961	59.8907763	-0.09768843	0.2896718	0.61373777	0.8013529	ITGA2B
51666	ENSG00000005981	0.16735865	0.01897177	0.38482933	0.78225479	NA	ASB4
51573	ENSG00000006007	798.266604	-0.01674402	0.09138555	0.84926828	0.93154246	GDE1
55049	ENSG00000006015	758.350083	-0.08642079	0.09722188	0.35709837	0.58712453	REX1BD
9244	ENSG00000006016	61.8489748	-0.10735919	0.24103208	0.56891147	0.76956457	CRLF1
114881	ENSG00000006025	523.561338	0.33992168	0.11809195	0.00242303	0.0126209	OSBPL7
26022	ENSG00000006042	1856.94551	0.18661654	0.06825051	0.00518415	0.02394729	TMEM98
51087	ENSG00000006047	206.305464	1.12463665	0.18041394	5.13E-11	1.02E-09	YBX2
3883	ENSG00000006059	0	NA	NA	NA	NA	KRT33A
9020	ENSG00000006062	227.612787	0.31331594	0.15168267	0.02436763	0.08536592	MAP3K14
6833	ENSG00000006071	194.272813	-0.95770047	0.23005141	3.85E-06	3.94E-05	ABCC8
10368	ENSG00000006116	0	NA	NA	NA	NA	CACNG3
54972	ENSG00000006118	5617.88941	0.14760953	0.05491687	0.00665427	0.02961432	TMEM132A
163	ENSG00000006125	6851.44074	-0.16615755	0.06468096	0.0090731	0.03823499	AP2B1
6863	ENSG00000006128	0	NA	NA	NA	NA	TAC1
10127	ENSG00000006194	670.818903	0.05420103	0.10482681	0.59158716	0.78614128	ZNF263
6376	ENSG00000006210	313.734316	-0.92999117	0.15580447	3.40E-10	6.20E-09	CX3CL1
64847	ENSG00000006282	965.032429	-0.02793854	0.08392654	0.7308703	0.8712652	SPATA20
8913	ENSG00000006283	346.832957	-2.23146606	0.1889428	2.14E-33	1.36E-31	CACNA1G
51330	ENSG00000006327	69.6588405	0.10736054	0.22587483	0.55970366	0.76413192	TNFRSF12A
1750	ENSG00000006377	327.991941	-0.04183869	0.12856686	0.72897907	0.87045369	DLX6
4293	ENSG00000006432	743.685981	-0.15787483	0.11000474	0.1330972	0.30658869	MAP3K9
5898	ENSG00000006451	2139.37006	-0.08978943	0.07294386	0.20930419	0.41755608	RALA
55971	ENSG00000006453	296.872796	0.3272981	0.13524158	0.0095479	0.03993894	BAIAP2L1
80853	ENSG00000006459	1051.59041	-0.09594022	0.0918122	0.28116231	0.50594669	KDM7A
2115	ENSG00000006468	710.906855	1.2446643	0.10144306	1.29E-35	8.86E-34	ETV1
55750	ENSG00000006530	1046.13285	-0.18202539	0.09688939	0.05153522	0.1524879	AGK
221	ENSG00000006534	32.2388291	-0.36189796	0.38778772	0.115839	0.27790154	ALDH3B1
55001	ENSG00000006555	0	NA	NA	NA	NA	TTC22
57157	ENSG00000006576	1395.52342	-0.0872433	0.07874223	0.25677851	0.47786189	PHTF2
10344	ENSG00000006606	0	NA	NA	NA	NA	CCL26
9855	ENSG00000006607	953.79531	-0.19542741	0.10777567	0.05808038	0.16712323	FARP2
10083	ENSG00000006611	1.7521339	-0.00083294	0.37612745	0.99046715	NA	USH1C
79017	ENSG00000006625	1252.62514	-0.32252039	0.08373125	7.61E-05	0.00059755	GGCT
10926	ENSG00000006634	1100.43046	-0.5345773	0.11695166	1.69E-06	1.83E-05	DBF4
6915	ENSG00000006638	56.4984033	-0.11018809	0.24881508	0.56401565	0.76665322	TBXA2R
3475	ENSG00000006652	1586.85257	-0.19040756	0.09626272	0.04054659	0.12664426	IFRD1

56891	ENSG00000006659	0	NA	NA	NA	NA	LGALS14
1352	ENSG00000006695	320.853231	0.02231887	0.13996022	0.86518029	0.94028794	COX10
9569	ENSG00000006704	1442.91874	0.24031919	0.0817108	0.00256642	0.01327412	GTF2IRD1
54623	ENSG00000006712	1073.12111	-0.10176278	0.07862424	0.18560335	0.38490337	PAF1
27072	ENSG00000006715	2041.58027	0.11662671	0.07420071	0.10918397	0.26566224	VPS41
9912	ENSG00000006740	10.2066999	0.15026294	0.38592485	0.31385641	0.54165894	ARHGAP44
60528	ENSG00000006744	1695.07673	0.01760769	0.07741072	0.81687111	0.91671007	ELAC2
85477	ENSG00000006747	0	NA	NA	NA	NA	SCIN
414	ENSG00000006756	529.497767	0.33493621	0.13206022	0.00677064	0.03007825	ARSD
8228	ENSG00000006757	37.8374833	-0.3961043	0.42278032	0.09290472	0.23587906	PNPLA4
8735	ENSG00000006788	0.16735865	0.01897177	0.38482933	0.78225479	NA	MYH13
79602	ENSG00000006831	1508.08357	-0.27301115	0.07599393	0.00023968	0.00167202	ADIPOR2
51265	ENSG00000006837	45.6210287	-0.26159406	0.2989673	0.21224603	0.42202458	CDKL3
151531	ENSG00000007001	1.18837386	0.04619176	0.38449686	0.37462067	NA	UPP2
10942	ENSG00000007038	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PRSS21
57787	ENSG00000007047	1055.02244	0.00698085	0.08968583	0.93698435	0.97351594	MARK4
8842	ENSG00000007062	262.590088	4.12432046	0.21234156	1.67E-85	3.73E-83	PROM1
115098	ENSG00000007080	1486.34522	0.06576813	0.08511655	0.428576	0.65447566	CCDC124
90273	ENSG00000007129	0	NA	NA	NA	NA	CEACAM21
5048	ENSG00000007168	3828.46245	-0.24810913	0.06187423	4.62E-05	0.00038203	PAFAH1B1
4843	ENSG00000007171	82.1727675	0.72828772	0.30928283	0.00311918	0.01566633	NOS2
1770	ENSG00000007174	0.68981627	0.04028194	0.38714411	0.35752454	NA	DNAH9
9703	ENSG00000007202	4619.26443	-0.00068369	0.06072443	0.99045299	0.99676382	KIAA0100
9058	ENSG00000007216	0	NA	NA	NA	NA	SLC13A2
8522	ENSG00000007237	175.655034	-0.55772268	0.209085	0.00219307	0.01159351	GAS7
79090	ENSG00000007255	112.857627	0.55419009	0.23914195	0.00579997	0.02639156	TRAPPC6A
4145	ENSG00000007264	0.65754506	0.00334079	0.38192682	0.94271382	NA	MATK
1087	ENSG00000007306	0	NA	NA	NA	NA	CEACAM7
974	ENSG00000007312	1.11198554	-0.01893371	0.38176065	0.71997015	NA	CD79B
6329	ENSG00000007314	0	NA	NA	NA	NA	SCN4A
54879	ENSG00000007341	286.405356	-0.20466641	0.14592954	0.12829673	0.29899782	ST7L
8277	ENSG00000007350	4.46857995	0.13285024	0.40750751	0.11164106	0.2700997	TKTL1
5080	ENSG00000007372	1.08875469	-0.02005498	0.38234577	0.78769956	NA	PAX6
113000	ENSG00000007376	572.194184	-0.14616842	0.10015543	0.1298707	0.30153711	RPUSD1
64285	ENSG00000007384	28.9176656	0.48753656	0.45818108	0.05710482	0.16493806	RHBDF1
55692	ENSG00000007392	2217.0873	0.27070709	0.06616955	3.20E-05	0.00027378	LUC7L
9254	ENSG00000007402	12616.1895	1.17729298	0.04680533	9.68E-141	6.00E-138	CACNA2D2
8938	ENSG00000007516	19.4703165	0.00094998	0.33609926	0.99783311	0.99926338	BAIAP3

115939	ENSG00000007520	835.59368	0.12086141	0.09368761	0.18362927	0.38196736	TSR3
9091	ENSG00000007541	1337.6419	0.32809533	0.08294103	4.93E-05	0.00040382	PIGQ
57585	ENSG00000007545	1322.06328	0.23901557	0.12094565	0.03594517	0.11573389	CRAMP1
7005	ENSG00000007866	222.546318	0.59686754	0.18125154	0.00027374	0.00188443	TEAD3
6401	ENSG00000007908	0	NA	NA	NA	NA	SELE
55735	ENSG00000007923	1627.08409	-0.09171088	0.09341671	0.31050833	0.5382687	DNAJC11
2328	ENSG00000007933	0.173124	-0.01911262	0.38486262	0.84537521	NA	FMO3
29116	ENSG00000007944	184.143421	-0.27903237	0.18670792	0.08765723	0.22621221	MYLIP
27035	ENSG00000007952	0.15069912	-0.01848503	0.38480575	0.84537521	NA	NOX1
1870	ENSG00000007968	984.571308	-0.3057412	0.10948417	0.00345899	0.017084	E2F2
5689	ENSG00000008018	2397.67831	0.02385981	0.06487246	0.71095684	0.86118643	PSMB1
6853	ENSG00000008056	319.415649	-2.58463072	0.17651173	8.04E-50	7.90E-48	SYN1
3720	ENSG00000008083	1020.76306	0.13029263	0.08192144	0.10346484	0.25569786	JARID2
6792	ENSG00000008086	688.442088	-0.08688718	0.13537106	0.49388821	0.71263909	CDKL5
57172	ENSG00000008118	1.56173405	0.11143762	0.40628069	0.05476964	NA	CAMK1G
728642	ENSG00000008128	964.861152	0.39408212	0.08509877	1.98E-06	2.13E-05	CDK11A
65220	ENSG00000008130	1445.55597	0.18613625	0.08802207	0.02959472	0.09931651	NADK
7021	ENSG00000008196	14644.0753	0.22261758	0.05384673	2.48E-05	0.00021768	TFAP2B
83741	ENSG00000008197	8.03869294	-1.18968095	1.35853969	0.01023481	0.04220717	TFAP2D
9940	ENSG00000008226	3.94084535	-0.01276139	0.37007773	0.89710557	0.95488961	DLEC1
9265	ENSG00000008256	1015.39019	0.13692341	0.11119086	0.19876849	0.40314524	CYTH3
53616	ENSG00000008277	5360.80924	-0.29246709	0.06790854	1.17E-05	0.00010956	ADAM22
6856	ENSG00000008282	482.552543	0.15930458	0.11157429	0.13529945	0.30986276	SYPL1
1534	ENSG00000008283	9023.99082	-0.2621449	0.06460942	3.74E-05	0.000316	CYB561
9043	ENSG00000008294	5656.40565	-0.218432	0.05439874	4.90E-05	0.00040213	SPAG9
1951	ENSG00000008300	4576.13679	0.16622412	0.06552945	0.01004185	0.04160166	CELSR3
10157	ENSG00000008311	198.701469	2.11065757	0.22118727	8.73E-23	3.76E-21	AASS
55200	ENSG00000008323	7.51655365	0.23739888	0.49709332	0.00319401	0.01594194	PLEKHG6
51188	ENSG00000008324	254.22265	-0.22038718	0.14958269	0.10860018	0.26446884	SS18L2
84954	ENSG00000008382	357.78067	0.07406921	0.13759985	0.56514466	0.76729419	MPND
4257	ENSG00000008394	185.469292	2.84532145	0.20905368	2.29E-43	1.93E-41	MGST1
1407	ENSG00000008405	495.842327	0.26726681	0.11578444	0.01519367	0.0582385	CRY1
8993	ENSG00000008438	0.50753074	0.03073847	0.38601592	0.48354038	NA	PGLYRP1
4784	ENSG00000008441	1867.49772	-0.16804599	0.09271175	0.06119594	0.1739936	NFIX
6482	ENSG00000008513	104.291504	1.00835682	0.25292093	7.86E-06	7.60E-05	ST3GAL1
64386	ENSG00000008516	11.7054491	-0.00530444	0.35335029	0.96623257	0.98692619	MMP25
9235	ENSG00000008517	2.66262469	0.04717456	0.37850631	0.58109316	0.77834785	IL32
5310	ENSG00000008710	8331.79613	-0.19859562	0.07160519	0.00471474	0.02212928	PKD1

23542	ENSG00000008735	1937.36857	-1.40573386	0.07507426	2.99E-79	5.99E-77	MAPK8IP2
9862	ENSG00000008838	2045.02181	0.10124147	0.07964148	0.19325424	0.39596861	MED24
23221	ENSG00000008853	874.544836	-0.11238092	0.10436767	0.2615337	0.48353634	RHOBTB2
54497	ENSG00000008869	1520.28268	-0.26314344	0.08000601	0.00074688	0.00458199	HEATR5B
7095	ENSG00000008952	1721.83244	-0.56526574	0.08586837	1.52E-11	3.19E-10	SEC62
6224	ENSG00000008988	11401.5033	-0.15554551	0.05790148	0.00664719	0.02958946	RPS20
7812	ENSG00000009307	9660.80695	-0.25901646	0.05005525	1.71E-07	2.18E-06	CSDE1
9690	ENSG00000009335	2397.12182	-0.05177619	0.08649633	0.5382258	0.74807128	UBE3C
5980	ENSG00000009413	1327.61395	-0.41421587	0.08976599	1.99E-06	2.15E-05	REV3L
10178	ENSG00000009694	28.2087795	0.14948515	0.30794683	0.45279356	0.67610629	TENM1
5081	ENSG00000009709	0.3468566	4.37E-05	0.38336202	0.96804177	NA	PAX7
10747	ENSG00000009724	52.3147006	-0.11157856	0.25356484	0.56097396	0.7645572	MASP2
389434	ENSG00000009765	0	NA	NA	NA	NA	IYD
199870	ENSG00000009780	155.642215	0.32795198	0.20988819	0.06578041	0.18330641	FAM76A
80342	ENSG00000009790	11.0361529	-0.04349014	0.33818413	0.79044705	0.90451433	TRAF3IP3
29954	ENSG00000009830	1132.41554	0.12271702	0.08569591	0.14175137	0.32020348	POMT2
51534	ENSG00000009844	936.680841	-0.25812344	0.09445126	0.00466867	0.02194418	VTA1
51085	ENSG00000009950	75.2640447	0.51246862	0.29683969	0.02377351	0.08366474	MLXIPL
9031	ENSG00000009954	6667.82745	-0.22590004	0.05190678	1.10E-05	0.0001036	BAZ1B
10048	ENSG00000010017	998.870469	-0.03639916	0.10172164	0.70982932	0.860757	RANBP9
51513	ENSG00000010030	2.82795347	-0.19639197	0.4580382	0.00823563	0.03540516	ETV7
83932	ENSG00000010072	470.267091	0.06263712	0.15344728	0.65685771	0.82968692	SPRTN
51603	ENSG00000010165	1720.19841	-0.13625738	0.07517071	0.06418354	0.1801898	EEF1AKNMT
8798	ENSG00000010219	114.234612	0.50542363	0.23864765	0.01096007	0.04469634	DYRK4
7756	ENSG00000010244	4201.57904	0.04904323	0.06425652	0.4392923	0.66465029	ZNF207
7384	ENSG00000010256	2689.73126	0.25068561	0.08823286	0.00344866	0.0170372	UQCRC1
83930	ENSG00000010270	1262.40036	0.12158836	0.07764126	0.10896074	0.26521666	STARD3NL
928	ENSG00000010278	149.40044	5.25288661	0.34868801	1.05E-51	1.09E-49	CD9
57467	ENSG00000010282	0	NA	NA	NA	NA	HHATL
9918	ENSG00000010292	4110.32174	-0.17007203	0.07707286	0.02401966	0.08444978	NCAPD2
25900	ENSG00000010295	578.512704	0.17484976	0.11012013	0.09690668	0.24348114	IFFO1
2696	ENSG00000010310	118.868467	1.12210073	0.23369763	1.69E-07	2.17E-06	GIPR
51533	ENSG00000010318	77.7282934	0.73308741	0.28687426	0.00183722	0.00994825	PHF7
56920	ENSG00000010319	29.2174056	-0.0622347	0.29236629	0.74360875	0.87916081	SEMA3G
11188	ENSG00000010322	3331.29885	0.24352616	0.06662884	0.00020284	0.00144087	NISCH
23166	ENSG00000010327	1.07545701	0.04262835	0.38384458	0.41010704	NA	STAB1
80199	ENSG00000010361	978.176569	0.05668297	0.09391371	0.53421198	0.74539459	FUZ
6540	ENSG00000010379	2.22870597	0.02983046	0.37619956	0.7292228	NA	SLC6A13

3423	ENSG00000010404	3731.48205	-0.38789543	0.06293257	3.89E-10	7.04E-09	IDS
5646	ENSG00000010438	832.509814	-0.36236716	0.09924323	0.00015076	0.00110008	PRSS3
7752	ENSG00000010539	262.443247	-0.23853846	0.15736548	0.09551447	0.24094177	ZNF200
920	ENSG00000010610	8.79825504	0.10655184	0.36156188	0.49993898	0.71714187	CD4
10233	ENSG00000010626	133.332005	0.32812958	0.20031151	0.05745315	0.16569347	LRRC23
695	ENSG00000010671	1.40524716	0.07586116	0.39454052	0.11272121	NA	BTK
3077	ENSG00000010704	0.48617452	-0.00656019	0.38315309	0.86579112	NA	HFE
22955	ENSG00000010803	1049.30743	-0.27379393	0.09089818	0.00187191	0.01011129	SCMH1
2534	ENSG00000010810	1124.32355	0.04538007	0.11844639	0.68803988	0.84855544	FYN
3097	ENSG00000010818	634.509393	0.15850418	0.14904397	0.24803139	0.46714855	HIVEP2
2326	ENSG00000010932	0	NA	NA	NA	NA	FMO1
6924	ENSG00000011007	1491.75083	-0.2332513	0.0725738	0.00104064	0.00611377	ELOA
11313	ENSG00000011009	2714.54704	0.15261967	0.06823593	0.02296173	0.08135013	LYPLA2
1185	ENSG00000011021	1157.27746	-0.04161886	0.10208356	0.67140836	0.83825699	CLCN6
9902	ENSG00000011028	3244.27644	1.29495506	0.07326335	6.80E-71	1.12E-68	MRC2
654364	ENSG00000011052	354.547354	0.09212357	0.13969649	0.47936292	0.70064538	NME1-NME2
6534	ENSG00000011083	0.67118112	0.02020611	0.38386956	0.77887943	NA	SLC6A7
10867	ENSG00000011105	947.301839	0.0023572	0.08588227	0.98329559	0.99428951	TSPAN9
55727	ENSG00000011114	1070.92706	-0.50514764	0.08628416	1.89E-09	3.14E-08	BTBD7
9546	ENSG00000011132	372.704706	0.46182864	0.15421224	0.00113861	0.00660334	APBA3
54903	ENSG00000011143	595.318528	0.17900978	0.11292828	0.09660316	0.24301925	MKS1
51099	ENSG00000011198	426.997305	-0.09915573	0.12330491	0.39455789	0.623797	ABHD5
3730	ENSG00000011201	13.6968091	3.85857728	0.92115215	2.52E-06	2.66E-05	ANOS1
26993	ENSG00000011243	1272.87997	0.39873247	0.10101669	4.18E-05	0.00034963	AKAP8L
54799	ENSG00000011258	1881.36538	-0.13967707	0.068741	0.03869434	0.12238095	MBTD1
51096	ENSG00000011260	1066.3531	-0.13237845	0.08947154	0.12701617	0.2969598	UTP18
54476	ENSG00000011275	1824.37059	0.11260939	0.06937048	0.09888651	0.24730977	RNF216
54902	ENSG00000011295	984.108888	0.10342063	0.09209321	0.2473573	0.46632163	TTC19
5725	ENSG00000011304	10367.1765	-0.05337815	0.05605882	0.33509227	0.56494141	PTBP1
8193	ENSG00000011332	331.55015	-0.8387095	0.16460742	5.71E-08	7.77E-07	DPF1
9066	ENSG00000011347	374.678835	-2.10171226	0.18055687	1.18E-32	7.34E-31	SYT7
23395	ENSG00000011376	796.466636	0.08458272	0.09366664	0.35209404	0.5820803	LARS2
5286	ENSG00000011405	1775.43401	-0.20258361	0.09935678	0.03439178	0.11182118	PIK3C2A
5329	ENSG00000011422	315.46309	0.32764384	0.13535369	0.00955938	0.03997011	PLAUR
54443	ENSG00000011426	1792.99424	-0.24302139	0.07544058	0.00098603	0.00583788	ANLN
58525	ENSG00000011451	2425.92402	0.15835092	0.06541091	0.01396498	0.05446535	WIZ
23637	ENSG00000011454	1201.57195	0.16447892	0.09274507	0.0674058	0.18641359	RABGAP1
1634	ENSG00000011465	18.910451	5.4895013	0.96484763	8.55E-09	1.30E-07	DCN

54814	ENSG00000011478	133.077896	0.55099428	0.20096093	0.00186949	0.01010294	QPCTL
5536	ENSG00000011485	2445.33521	0.10843516	0.07393348	0.13504448	0.30949318	PPP5C
23177	ENSG00000011523	1166.22041	-0.25266513	0.08650782	0.00265221	0.01363917	CEP68
8491	ENSG00000011566	917.539105	-0.09175889	0.10231482	0.35127879	0.5814593	MAP4K3
27033	ENSG00000011590	3.19665764	-0.10741192	0.38977984	0.31545395	0.54331625	ZBTB32
7305	ENSG00000011600	0	NA	NA	NA	NA	TYROBP
57146	ENSG00000011638	35.497963	1.16978233	0.57085732	0.00254376	0.01317364	TMEM159
2556	ENSG00000011677	226.281937	0.92293884	0.18565608	9.38E-08	1.24E-06	GABRA3
672	ENSG00000012048	1321.21677	-0.07765974	0.08261547	0.33512208	0.56494367	BRCA1
2067	ENSG00000012061	1651.92364	0.18693753	0.0826295	0.02072949	0.07504982	ERCC1
933	ENSG00000012124	0	NA	NA	NA	NA	CD22
7869	ENSG00000012171	197.240408	1.45609084	0.2081277	2.07E-13	4.94E-12	SEMA3B
51360	ENSG00000012174	1462.5026	-0.23658458	0.07287083	0.00092307	0.0055312	MBTPS2
4007	ENSG00000012211	3.48272187	0.08948101	0.38390632	0.39270672	0.62191102	PRICKLE3
4057	ENSG00000012223	0	NA	NA	NA	NA	LTF
2137	ENSG00000012232	2166.50453	0.14853063	0.10701103	0.14850063	0.3308909	EXTL3
9971	ENSG00000012504	0	NA	NA	NA	NA	NR1H4
60481	ENSG00000012660	2489.4557	-0.1449389	0.07286523	0.04245605	0.13144946	ELOVL5
240	ENSG00000012779	0.18922458	0.01954053	0.38488496	0.78225479	NA	ALOX5
8284	ENSG00000012817	0	NA	NA	NA	NA	KDM5D
57658	ENSG00000012822	1015.97533	0.39488001	0.11075218	0.00019141	0.001367	CALCOCO1
55148	ENSG00000012963	1559.15555	0.08308175	0.08188447	0.29926895	0.52623381	UBR7
11183	ENSG00000012983	1218.25311	-0.19883224	0.07854929	0.00957224	0.04001543	MAP4K5
30845	ENSG00000013016	843.444627	-0.16998204	0.0992483	0.07553533	0.20246162	EHD3
5704	ENSG00000013275	2133.15911	0.05615326	0.07401605	0.43998201	0.66517856	PSMC4
23324	ENSG00000013288	359.284197	0.11603257	0.12821898	0.3371406	0.56743039	MAN2B2
57709	ENSG00000013293	405.227155	-2.64310652	0.16890838	8.10E-57	9.69E-55	SLC7A14
5010	ENSG00000013297	6.88173956	-0.32665022	0.54862883	0.05142627	0.15228317	CLDN11
51629	ENSG00000013306	1904.81202	-0.07662322	0.07473169	0.29537148	0.52197116	SLC25A39
9961	ENSG00000013364	45.092487	1.02502113	0.41419242	0.00118615	0.00685702	MVP
51667	ENSG00000013374	1767.34085	-0.06014552	0.09173854	0.49871387	0.71636861	NUB1
5238	ENSG00000013375	940.582471	0.09112253	0.10612893	0.37202734	0.60104858	PGM3
112611	ENSG00000013392	148.176601	0.06715888	0.18217338	0.67680994	0.84203356	RWDD2A
1195	ENSG00000013441	1278.21932	-0.00194464	0.08932915	0.98121543	0.99355086	CLK1
55703	ENSG00000013503	308.759557	-0.04669803	0.12840089	0.69875594	0.85472333	POLR3B
23357	ENSG00000013523	724.44843	0.29764527	0.11097077	0.00496052	0.02307542	ANGEL1
9604	ENSG00000013561	587.669674	-0.07039326	0.10537397	0.48631134	0.70622288	RNF14
1774	ENSG00000013563	282.454604	-0.12031308	0.14430913	0.3668985	0.59618256	DNASE1L1

1663	ENSG00000013573	2056.11988	0.4346915	0.0753704	3.96E-09	6.29E-08	DDX11
50865	ENSG00000013583	128.13473	-0.00946643	0.20092448	0.95457694	0.98123447	HEBP1
9052	ENSG00000013588	40.9366336	0.43791539	0.43129028	0.07408034	0.19966771	GPRC5A
10046	ENSG00000013619	77.3267178	-0.27518661	0.23770926	0.15044431	0.333984	MAMLD1
923	ENSG00000013725	25.7199483	-0.14349001	0.32546716	0.45644755	0.67989846	CD6
10460	ENSG00000013810	2819.04517	-0.03297277	0.06712349	0.61617739	0.80321678	TACC3
23376	ENSG00000014123	493.479726	0.10851455	0.11013483	0.30395869	0.53126299	UFL1
23649	ENSG00000014138	890.257201	-0.15031596	0.11224568	0.16022156	0.34797983	POLA2
23144	ENSG00000014164	324.305661	0.27249719	0.13562714	0.03128791	0.10368332	ZC3H3
823	ENSG00000014216	1530.81597	0.18065608	0.08078105	0.02202647	0.07871129	CAPN1
55	ENSG00000014257	9.28305096	6.87689503	2.67095134	2.85E-06	2.99E-05	ACP3
4190	ENSG00000014641	1815.54078	-0.16347075	0.08130937	0.03929197	0.12387615	MDH1
10463	ENSG00000014824	2214.50308	0.1028168	0.072163	0.146809	0.32800893	SLC30A9
10903	ENSG00000014914	27.1481218	0.04800993	0.33175268	0.7797047	0.89925062	MTMR11
1355	ENSG00000014919	1155.83653	-0.41846556	0.08914586	1.33E-06	1.48E-05	COX15
440193	ENSG00000015133	1269.88805	-0.48501518	0.0901976	3.15E-08	4.44E-07	CCDC88C
10138	ENSG00000015153	333.602805	-0.2985344	0.17426086	0.05452141	0.15905085	YAF2
10771	ENSG00000015171	1594.54389	0.05456395	0.0708483	0.43476096	0.66019092	ZMYND11
7454	ENSG00000015285	11.5414088	0.07150072	0.33899172	0.67508461	0.84091366	WAS
1800	ENSG00000015413	0.34746601	0.02370763	0.3853651	0.61987128	NA	DPEP1
637	ENSG00000015475	1015.78116	0.0665646	0.08606126	0.42781104	0.65371004	BID
9782	ENSG00000015479	7730.39257	-0.19458674	0.06687005	0.00314603	0.01576193	MATR3
29881	ENSG00000015520	2.90437861	0.00010425	0.37118321	0.99898054	0.99962651	NPC1L1
64132	ENSG00000015532	809.055341	0.15287691	0.09377301	0.09254319	0.2352411	XYLT2
84220	ENSG00000015568	62.9387312	-0.10648677	0.25461787	0.5783658	0.77642449	RGPD5
81551	ENSG00000015592	191.522333	-3.62439227	0.23358191	3.11E-55	3.65E-53	STMN4
23386	ENSG00000015676	3748.90688	-0.12657777	0.07720925	0.09374847	0.23753778	NUDCD3
3670	ENSG00000016082	4648.12201	0.41244516	0.05723226	3.27E-13	7.66E-12	ISL1
55349	ENSG00000016391	366.955291	-0.1019447	0.14697173	0.45119454	0.67453091	CHDH
53832	ENSG00000016402	786.8515	-0.76489294	0.10754993	2.26E-13	5.36E-12	IL20RA
1179	ENSG00000016490	0	NA	NA	NA	NA	CLCA1
22802	ENSG00000016602	0	NA	NA	NA	NA	CLCA4
55830	ENSG00000016864	928.791217	0.05350868	0.09392666	0.55769769	0.76276866	GLT8D1
27032	ENSG00000017260	1954.52406	-0.17791231	0.07467627	0.01499874	0.0577108	ATP2C1
3479	ENSG00000017427	0	NA	NA	NA	NA	IGF1
92745	ENSG00000017483	4.70139773	0.08103664	0.37258854	0.52482213	0.73753159	SLC38A5
10928	ENSG00000017797	1614.12733	-0.16574664	0.07140997	0.01801117	0.0669806	RALBP1
22902	ENSG00000018189	1703.33649	-0.18263828	0.07642938	0.01445483	0.05592508	RUFY3

1272	ENSG00000018236	3750.94004	-0.54097325	0.05999916	6.96E-20	2.58E-18	CNTN1
6556	ENSG00000018280	1.45970231	-0.00278711	0.37968125	0.96360206	NA	SLC11A1
25937	ENSG00000018408	133.336127	3.55588187	0.26401659	1.89E-42	1.52E-40	WWTR1
8540	ENSG00000018510	1790.32872	0.11151824	0.08524923	0.17969059	0.37625976	AGPS
646915	ENSG00000018607	6.70543029	0.03873209	0.35753553	0.77858291	0.89866105	ZNF806
63932	ENSG00000018610	420.650395	0.0603321	0.12139414	0.60100526	0.79181148	STEEP1
477	ENSG00000018625	0	NA	NA	NA	NA	ATP1A2
55622	ENSG00000018699	358.407692	0.0111724	0.14464802	0.93468091	0.97292421	TTC27
147948	ENSG00000018869	79.305605	0.27091943	0.2514284	0.16967843	0.36139775	ZNF582
23584	ENSG00000019102	1.59465622	0.11019222	0.40584332	0.05461339	NA	VSIG2
23187	ENSG00000019144	1472.26423	-0.24562425	0.08068144	0.00178622	0.00970655	PHLDB1
8685	ENSG00000019169	0	NA	NA	NA	NA	MARCO
1591	ENSG00000019186	0	NA	NA	NA	NA	CYP24A1
56981	ENSG00000019485	465.675879	0.05316749	0.13972138	0.68369908	0.84583087	PRDM11
57586	ENSG00000019505	245.325226	-0.99255873	0.17601811	2.24E-09	3.68E-08	SYT13
6591	ENSG00000019549	26.7019411	0.07324724	0.30097746	0.70261676	0.85699455	SNAI2
972	ENSG00000019582	14.3845777	-0.40780296	0.55216187	0.06844181	0.18843333	CD74
3082	ENSG00000019991	163.613321	2.20610796	0.22500688	5.65E-24	2.59E-22	HGF
54764	ENSG00000019995	724.945175	-0.06753079	0.10080111	0.48624882	0.70622288	ZRANB1
23154	ENSG00000020129	1671.53057	-0.01699321	0.08343175	0.8339488	0.92432089	NCDN
25960	ENSG00000020181	2765.03278	-0.3276686	0.06113257	5.41E-08	7.40E-07	ADGRA2
NA	ENSG00000020219	0.300017	-0.0229446	0.38527539	0.68644804	NA	CCT8L1P
55734	ENSG00000020256	614.613217	-0.06540489	0.11880494	0.56193405	0.76508177	ZFP64
4331	ENSG00000020426	284.720519	0.10533663	0.14710353	0.43862573	0.66394556	MNAT1
23034	ENSG00000020577	761.159021	-0.3021796	0.13179083	0.01427242	0.05540302	SAMD4A
864	ENSG00000020633	5.70743263	-0.24259961	0.46121545	0.10357036	0.25589489	RUNX3
4361	ENSG00000020922	1049.13827	0.09740381	0.13151553	0.43120124	0.65676591	MRE11
58473	ENSG00000021300	75.9357908	1.78228059	0.34422278	1.29E-08	1.93E-07	PLEKHB1
1992	ENSG00000021355	99.3855728	0.06744487	0.21782178	0.70753237	0.85903201	SERPINB1
64816	ENSG00000021461	0	NA	NA	NA	NA	CYP3A43
11136	ENSG00000021488	0.73443283	0.01971684	0.38275146	0.62605875	NA	SLC7A9
6683	ENSG00000021574	1201.31972	-0.0904456	0.09123704	0.30698147	0.53453681	SPAST
9369	ENSG00000021645	27.6295195	-4.83633151	0.86116912	6.20E-10	1.10E-08	NRXN3
114879	ENSG00000021762	114.856294	0.05947005	0.21017445	0.73661246	0.87516565	OSBPL5
9716	ENSG00000021776	1511.4132	0.04900589	0.08350316	0.54879602	0.75527976	AQR
1373	ENSG00000021826	20.9230151	0.17804587	0.3618501	0.3355233	0.5655232	CPS1
732	ENSG00000021852	0	NA	NA	NA	NA	C8B
2273	ENSG00000022267	1852.91677	0.06072276	0.10193764	0.53751928	0.74765981	FHL1

51507	ENSG00000022277	1252.09667	0.11068379	0.0760355	0.13751022	0.31319054	RTF2
2554	ENSG00000022355	0	NA	NA	NA	NA	GABRA1
55655	ENSG00000022556	0	NA	NA	NA	NA	NLRP2
57210	ENSG00000022567	488.295554	-0.01092961	0.25600475	0.95175609	0.98012235	SLC45A4
9921	ENSG00000022840	2025.58032	0.10056459	0.07174282	0.15422646	0.3394719	RNF10
55778	ENSG00000022976	310.143651	0.07306339	0.16282584	0.62104057	0.80672374	ZNF839
64429	ENSG00000023041	787.783006	-0.12459308	0.134437	0.32094623	0.54869222	ZDHHC6
57476	ENSG00000023171	399.938471	-0.15536683	0.14936534	0.25680678	0.47786969	GRAMD1B
6050	ENSG00000023191	1032.80072	0.34817659	0.089112	5.71E-05	0.00045935	RNH1
4719	ENSG00000023228	1713.91428	-0.20699958	0.08288465	0.01036207	0.04262566	NDUFS1
9821	ENSG00000023287	1258.17363	-0.11348635	0.08223727	0.15734246	0.34410503	RB1CC1
23071	ENSG00000023318	608.823486	0.36616141	0.11079197	0.00054264	0.00346505	ERP44
211	ENSG00000023330	456.04724	0.21399245	0.11637968	0.0531784	0.15607387	ALAS1
330	ENSG00000023445	7.24495109	-0.00946151	0.34907312	0.94694895	0.97815729	BIRC3
11215	ENSG00000023516	1431.84342	-0.66038884	0.07784281	5.75E-18	1.89E-16	AKAP11
51022	ENSG00000023572	273.061735	-0.01322646	0.17361864	0.93082526	0.97111825	GLRX2
6617	ENSG00000023608	416.875131	-0.02503502	0.12232944	0.82818642	0.92220943	SNAPC1
51071	ENSG00000023697	487.103379	-0.00659252	0.11623943	0.95170546	0.98012235	DERA
11171	ENSG00000023734	3151.45772	-0.07728067	0.07491765	0.29237431	0.51842938	STRAP
1244	ENSG00000023839	14.2192028	0.49821083	0.62100181	0.0494541	0.14780908	ABCC2
50619	ENSG00000023892	6.87994977	0.0490935	0.36253248	0.70587634	0.85822936	DEF6
51177	ENSG00000023902	1369.99186	0.03075625	0.07468689	0.6750668	0.84091366	PLEKHO1
2730	ENSG00000023909	212.690357	0.40753395	0.21355903	0.02473091	0.08639925	GCLM
23304	ENSG00000024048	949.467899	-0.09594187	0.09570822	0.30003933	0.52721462	UBR2
30846	ENSG00000024422	53.092055	0.989579	0.38021908	0.00090303	0.00542092	EHD2
55635	ENSG00000024526	1125.24934	-0.39382161	0.08782824	3.85E-06	3.94E-05	DEPDC1
25901	ENSG00000024862	194.965663	0.12986884	0.15542012	0.36094523	0.5908055	CCDC28A
58528	ENSG00000025039	378.757911	-0.3253925	0.14277028	0.01376447	0.05382088	RRAGD
3298	ENSG00000025156	698.190401	0.06187407	0.10073242	0.52494256	0.73755856	HSF2
51230	ENSG00000025293	1225.9768	-0.17178069	0.08106842	0.02987987	0.10005012	PHF20
8630	ENSG00000025423	48.2477944	0.32855953	0.39301209	0.14065216	0.318644	HSD17B6
10062	ENSG00000025434	60.7724877	0.19673482	0.25695218	0.31741287	0.54528282	NR1H3
1890	ENSG00000025708	145.025569	0.27733853	0.23518032	0.14530986	0.32579361	TYMP
29781	ENSG00000025770	1211.23896	-0.1219001	0.09025407	0.16461184	0.35425738	NCAPH2
10953	ENSG00000025772	750.547849	-0.104297	0.09577943	0.26006127	0.48180181	TOMM34
11231	ENSG00000025796	2433.83714	-0.09678238	0.09589119	0.29638039	0.52297409	SEC63
23633	ENSG00000025800	1620.10039	-0.05559749	0.07248477	0.43415506	0.6593919	KPNA6
7431	ENSG00000026025	8469.85449	3.3498333	0.08517701	0	0	VIM

NA	ENSG00000026036	356.667516	0.30072475	0.1278741	0.01239226	0.04952912	RTEL1-TNFRSF6B
355	ENSG00000026103	18.5279679	1.23093267	0.69485981	0.00403213	0.01943571	FAS
8635	ENSG00000026297	550.150146	0.06961996	0.10651676	0.49692135	0.71500229	RNASET2
960	ENSG00000026508	25.8808342	0.85846246	0.54341814	0.01010569	0.04175278	CD44
3755	ENSG00000026559	693.217151	0.16607156	0.107064	0.10573009	0.25948603	KCNG1
56895	ENSG00000026652	885.955599	0.27406217	0.09406429	0.00259391	0.01339143	AGPAT4
57823	ENSG00000026751	0	NA	NA	NA	NA	SLAMF7
11119	ENSG00000026950	492.615627	0.51265369	0.12104117	8.57E-06	8.25E-05	BTN3A1
4285	ENSG00000027001	94.4587391	0.22427083	0.21533698	0.21307805	0.42300907	MIPEP
5583	ENSG00000027075	162.948014	-0.34555882	0.17903344	0.02955228	0.09920766	PRKCH
3645	ENSG00000027644	519.272589	0.29901733	0.11763377	0.00742157	0.03246117	INSRR
3459	ENSG00000027697	695.04761	-0.41941217	0.10682659	4.25E-05	0.00035533	IFNGR1
11285	ENSG00000027847	307.485797	0.09827361	0.13040156	0.42339842	0.64931782	B4GALT7
9047	ENSG00000027869	0.47495241	0.00526877	0.3831615	0.96705744	NA	SH2D2A
7444	ENSG00000028116	2.19076271	-0.05054919	0.37949941	0.55745995	NA	VRK2
7133	ENSG00000028137	27.9191541	-2.07499649	0.47258061	6.45E-07	7.55E-06	TNFRSF1B
55591	ENSG00000028203	1318.03058	-0.16942357	0.08624736	0.04338806	0.13346033	VEZT
5452	ENSG00000028277	75.4965282	-1.52167472	0.32455901	1.86E-07	2.37E-06	POU2F2
65980	ENSG00000028310	1581.54658	-0.03155951	0.07170471	0.654059	0.82779603	BRD9
6642	ENSG00000028528	2681.03137	-0.1226804	0.09005364	0.16034044	0.34816179	SNX1
9519	ENSG00000028839	692.824032	0.12364313	0.09741585	0.18999412	0.39114696	TBPL1
56938	ENSG00000029153	105.056574	-0.37078678	0.25080226	0.06388585	0.17963369	ARNTL2
9774	ENSG00000029363	5197.47307	-0.44901036	0.05813827	7.79E-15	2.09E-13	BCLAF1
55334	ENSG00000029364	2089.00047	-0.33029354	0.07478013	6.42E-06	6.32E-05	SLC39A9
286	ENSG00000029534	232.83165	-2.50142383	0.190387	1.32E-40	1.02E-38	ANK1
3381	ENSG00000029559	0	NA	NA	NA	NA	IBSP
51106	ENSG00000029639	348.325539	0.2235481	0.1274929	0.06239026	0.17647886	TFB1M
9135	ENSG00000029725	1674.87222	-0.38620283	0.08317403	1.89E-06	2.04E-05	RABEP1
3149	ENSG00000029993	2064.49832	-0.0491596	0.10531926	0.62635223	0.8103044	HMGB3
23279	ENSG00000030066	3193.72611	0.1496756	0.05929931	0.01060347	0.04346546	NUP160
578	ENSG00000030110	425.275248	0.67143305	0.11884456	4.03E-09	6.39E-08	BAK1
4593	ENSG00000030304	0	NA	NA	NA	NA	MUSK
22807	ENSG00000030419	60.0242662	0.01940254	0.26822041	0.92111483	0.96677343	IKZF2
2896	ENSG00000030582	1572.41997	0.19104043	0.08291848	0.01815015	0.0673082	GRN
51306	ENSG00000031003	1072.20576	-0.21283893	0.10790911	0.03916368	0.1235306	FAM13B
57514	ENSG00000031081	1606.42758	0.29665493	0.09356052	0.00104989	0.00615537	ARHGAP31
55166	ENSG00000031691	186.421555	0.08193212	0.16008052	0.5742614	0.77352065	CENPQ
6301	ENSG00000031698	2633.22579	0.19880552	0.11673406	0.07338109	0.19821386	SARS1

8498	ENSG00000031823	1208.92272	-0.051433	0.10806814	0.61871881	0.80494303	RANBP3
5926	ENSG00000032219	640.527642	-0.17930286	0.10861938	0.08443357	0.22003967	ARID4A
7260	ENSG00000032389	960.554997	-0.08982784	0.09785361	0.34159754	0.57180671	EIPR1
10908	ENSG00000032444	1421.89642	0.24430585	0.07946142	0.00164543	0.00908077	PNPLA6
8100	ENSG00000032742	271.930969	0.07143753	0.13988759	0.58460192	0.78071566	IFT88
56052	ENSG00000033011	358.913049	0.10428565	0.13410782	0.40669324	0.6349881	ALG1
55596	ENSG00000033030	873.381434	0.18174492	0.08821878	0.03408491	0.11110783	ZCCHC8
10061	ENSG00000033050	1090.3825	0.15981712	0.08930823	0.06561717	0.18299372	ABCF2
54480	ENSG00000033100	1261.24158	0.07584269	0.09848396	0.42607144	0.6519054	CHPF2
57554	ENSG00000033122	31.2853275	2.0568268	0.54762757	9.41E-06	8.97E-05	LRRC7
2530	ENSG00000033170	612.633007	0.17403	0.10489229	0.08414267	0.21945453	FUT8
55236	ENSG00000033178	1453.32681	0.15514053	0.11146688	0.14548776	0.32597939	UBA6
9846	ENSG00000033327	2830.09033	0.36022397	0.08079775	4.92E-06	4.96E-05	GAB2
535	ENSG00000033627	1668.98167	-0.20993788	0.0745248	0.00401214	0.01935818	ATP6V0A1
8554	ENSG00000033800	1079.49384	-0.25049417	0.08976004	0.00401365	0.01936076	PIAS1
9497	ENSG00000033867	1513.2093	0.22821145	0.1042198	0.02259241	0.08029979	SLC4A7
321	ENSG00000034053	2615.42135	-0.21650365	0.07043647	0.00172037	0.00943139	APBA2
5606	ENSG00000034152	320.308101	-0.35185239	0.13828881	0.00618566	0.02778434	MAP2K3
79645	ENSG00000034239	8.88501942	0.43326397	0.66931899	0.03940651	0.12407247	EFCAB1
9168	ENSG00000034510	8127.96835	0.31711197	0.05358181	2.30E-09	3.78E-08	TMSB10
28990	ENSG00000034533	148.5496	-0.12540968	0.18425696	0.4371341	0.66229404	ASTE1
25897	ENSG00000034677	720.15043	-0.25765828	0.10234312	0.00877031	0.03724311	RNF19A
8504	ENSG00000034693	149.696782	-0.33500035	0.20950149	0.05965714	0.17039991	PEX3
11345	ENSG00000034713	1260.17264	0.02198071	0.08037378	0.77444668	0.89612867	GABARAPL2
4653	ENSG00000034971	0	NA	NA	NA	NA	MYOC
26751	ENSG00000035115	785.698638	-0.07597623	0.09339426	0.40085575	0.62929088	SH3YL1
84908	ENSG00000035141	1048.09984	-0.14368909	0.09194494	0.10689668	0.26179855	FAM136A
7414	ENSG00000035403	1389.97192	0.49198738	0.07767981	9.91E-11	1.91E-09	VCL
55789	ENSG00000035499	531.613331	0.04910119	0.11857717	0.66365561	0.83407238	DEPDC1B
23604	ENSG00000035664	29.6630582	-0.43983177	0.45454653	0.07238526	0.19603105	DAPK2
8439	ENSG00000035681	671.634632	0.03616435	0.11405676	0.74057403	0.87742184	NSMAF
159	ENSG00000035687	1129.04429	-0.13608515	0.08684938	0.10716863	0.26223799	ADSS2
26228	ENSG00000035720	0.15069912	-0.01848503	0.38480575	0.84537521	NA	STAP1
7077	ENSG00000035862	7248.44363	-0.33915255	0.05900531	5.73E-09	8.91E-08	TIMP2
5981	ENSG00000035928	1417.3543	-0.25377725	0.09199682	0.00437652	0.02083758	RFC1
55773	ENSG00000036054	361.817628	-0.22910692	0.12508143	0.05186647	0.15326642	TBC1D23
8452	ENSG00000036257	1144.55631	-0.56011711	0.09190334	3.69E-10	6.71E-09	CUL3
9172	ENSG00000036448	10.3760189	-0.15108228	0.37675964	0.34940207	0.58004303	MYOM2

5009	ENSG00000036473	0.5971745	0.04260524	0.38720333	0.38071642	NA	OTC
10858	ENSG00000036530	2.96895349	0.00545388	0.37340512	0.9304077	0.97108152	CYP46A1
26009	ENSG00000036549	1099.03905	-0.01626542	0.10683231	0.87315768	0.94441388	ZZZ3
6570	ENSG00000036565	441.228445	-0.89014645	0.17719183	7.50E-08	1.01E-06	SLC18A1
9099	ENSG00000036672	120.735039	-0.12026141	0.19425814	0.47244523	0.69457676	USP2
846	ENSG00000036828	0	NA	NA	NA	NA	CASR
27175	ENSG00000037042	288.328448	0.33928128	0.15727843	0.01809274	0.06717065	TUBG2
51121	ENSG00000037241	420.275519	0.31783034	0.11746827	0.00438526	0.02086918	RPL26L1
2324	ENSG00000037280	1.92999539	-0.05878781	0.38259371	0.46698235	NA	FLT4
54888	ENSG00000037474	2053.14281	-0.02273196	0.07714035	0.76282118	0.89062391	NSUN2
54455	ENSG00000037637	568.55345	-0.10449617	0.14776976	0.44202526	0.66680698	FBXO42
4238	ENSG00000037749	1765.67159	-0.33252348	0.08356175	4.34E-05	0.00036124	MFAP3
84245	ENSG00000037757	543.437349	0.13404492	0.10615658	0.18867036	0.38926996	MRI1
4234	ENSG00000037897	137.293091	0.25940481	0.19660762	0.12615905	0.29546661	METTL1
3224	ENSG00000037965	71.3594469	-0.48717889	0.26795523	0.02212717	0.07897159	HOXC8
175	ENSG00000038002	238.36419	0.70124016	0.17267703	1.08E-05	0.00010142	AGA
55300	ENSG00000038210	158.707765	0.10519775	0.17473068	0.50003711	0.71723078	PI4K2B
259282	ENSG00000038219	2467.28429	-0.01313631	0.07944373	0.8650446	0.94028794	BOD1L1
27430	ENSG00000038274	1222.02841	0.19929479	0.07862513	0.00952435	0.03986563	MAT2B
7092	ENSG00000038295	0	NA	NA	NA	NA	TLL1
23644	ENSG00000038358	2088.90077	0.01321923	0.08340993	0.87210283	0.94409997	EDC4
7204	ENSG00000038382	4765.39225	-0.50992188	0.0668971	1.01E-14	2.68E-13	TRIO
1462	ENSG00000038427	1322.93625	2.03440043	0.27223947	5.16E-15	1.41E-13	VCAN
23274	ENSG00000038532	1118.46831	-0.00419513	0.09158471	0.96170245	0.98442765	CLEC16A
4481	ENSG00000038945	0	NA	NA	NA	NA	MSR1
999	ENSG00000039068	15.5145344	-3.70924472	1.02745286	2.06E-05	0.00018432	CDH1
23517	ENSG00000039123	1418.9486	-0.23682704	0.12235422	0.04072666	0.12702999	MTREX
1767	ENSG00000039139	7.17529456	0.16957739	0.39961713	0.25650934	0.47758495	DNAH5
9765	ENSG00000039319	1411.90515	0.21026404	0.09848351	0.0269387	0.09230809	ZFYVE16
79567	ENSG00000039523	1297.82994	-0.1483742	0.07966458	0.05652276	0.16356646	RIPOR1
729	ENSG00000039537	54.3485977	-0.01831609	0.28451101	0.92147474	0.9670192	C6
26064	ENSG00000039560	675.980592	0.19951513	0.16620144	0.18235296	0.38010956	RAI14
11063	ENSG00000039600	0.32860161	-0.02330333	0.38532616	0.6660926	NA	SOX30
11284	ENSG00000039650	842.665174	0.15845692	0.12308518	0.17358624	0.36665079	PNKP
54831	ENSG00000039987	1.75061959	0.07016317	0.38717549	0.2951704	NA	BEST2
23035	ENSG00000040199	397.033353	0.17801562	0.12891196	0.14297753	0.32208696	PHLPP2
54908	ENSG00000040275	859.967069	0.07107113	0.13506773	0.57371879	0.7731681	SPDL1
27067	ENSG00000040341	1042.16825	-0.32218884	0.09318481	0.00035109	0.00235803	STAU2

54896	ENSG00000040487	272.423739	-0.06120715	0.1465356	0.64870005	0.82469621	SLC66A1
1497	ENSG00000040531	329.709185	-0.21980806	0.13478741	0.08050012	0.21235506	CTNS
65078	ENSG00000040608	125.252677	-0.06147952	0.21930724	0.73083998	0.8712652	RTN4R
79142	ENSG00000040633	1220.53833	0.09080002	0.08202351	0.25702707	0.47809754	PHF23
1008	ENSG00000040731	0	NA	NA	NA	NA	CDH10
3631	ENSG00000040933	1302.92573	-0.13672683	0.09894471	0.15158376	0.33557485	INPP4A
5874	ENSG00000041353	317.67437	0.01631336	0.16290091	0.91293548	0.96282372	RAB27B
5685	ENSG00000041357	2359.02582	-0.05606941	0.0784587	0.46458627	0.68740335	PSMA4
23026	ENSG00000041515	366.322875	-0.01273187	0.12170792	0.91132748	0.96225318	MYO16
55341	ENSG00000041802	847.151669	0.20105331	0.09507973	0.02882172	0.09722903	LSG1
10039	ENSG00000041880	184.383674	-0.10942047	0.17782246	0.48652855	0.7063832	PARP3
3371	ENSG00000041982	297.283894	0.71387766	0.21240627	0.00015319	0.00111613	TNC
90326	ENSG00000041988	266.349749	-0.02857548	0.14604105	0.83133676	0.92375976	THAP3
140876	ENSG00000042062	165.005993	2.53066251	0.22099629	1.39E-31	8.36E-30	RIPOR3
55775	ENSG00000042088	503.604892	0.23855535	0.12073793	0.03687491	0.118091	TDP1
84883	ENSG00000042286	230.069175	0.23119345	0.16717618	0.12426396	0.29221252	AIFM2
56918	ENSG00000042304	0	NA	NA	NA	NA	C2orf83
55812	ENSG00000042317	117.030422	0.33850787	0.22590037	0.07059475	0.19275957	SPATA7
9440	ENSG00000042429	876.850403	-0.06211092	0.09202161	0.4862786	0.70622288	MED17
54884	ENSG00000042445	534.128227	0.21545136	0.11683341	0.0523272	0.15416864	RETSAT
822	ENSG00000042493	7.20768711	0.07797067	0.36033326	0.59441471	0.7877158	CAPG
1175	ENSG00000042753	1617.79918	-0.08606046	0.06840013	0.20057622	0.40577467	AP2S1
7399	ENSG00000042781	22.553269	0.15552144	0.32171721	0.43137476	0.65692932	USH2A
11055	ENSG00000042813	0	NA	NA	NA	NA	ZBPB
7038	ENSG00000042832	3.55208756	-0.24329658	0.49733423	0.01375522	0.05379878	TG
10863	ENSG00000042980	0	NA	NA	NA	NA	ADAM28
8538	ENSG00000043039	0	NA	NA	NA	NA	BARX2
54165	ENSG00000043093	654.433142	0.00052841	0.11474138	0.99827963	0.99941443	DCUN1D1
23338	ENSG00000043143	432.808285	0.49314539	0.12468253	3.01E-05	0.00025838	JADE2
7546	ENSG00000043355	0	NA	NA	NA	NA	ZIC2
3937	ENSG00000043462	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LCP2
54802	ENSG00000043514	477.165889	0.20524468	0.12286663	0.0774267	0.2064157	TRIT1
153	ENSG00000043591	0	NA	NA	NA	NA	ADRB1
2981	ENSG00000044012	0	NA	NA	NA	NA	GUCA2B
9820	ENSG00000044090	1979.29205	0.49846603	0.07525676	1.43E-11	3.00E-10	CUL7
1495	ENSG00000044115	4489.99324	0.7758064	0.06378987	1.03E-34	6.90E-33	CTNNA1
5256	ENSG00000044446	543.966628	0.01336914	0.12639445	0.91183814	0.96248504	PHKA2
54875	ENSG00000044459	589.529587	-0.28147757	0.11978429	0.01304203	0.0515446	CNTLN

2042	ENSG00000044524	0	NA	NA	NA	NA	EPHA3
3309	ENSG00000044574	13823.0698	0.91485351	0.09753077	1.10E-21	4.44E-20	HSPA5
1829	ENSG00000046604	117.099541	11.4557472	2.97607695	3.66E-18	1.23E-16	DSG2
54960	ENSG00000046647	441.4231	-0.04712925	0.11626648	0.66974029	0.83753108	GEMIN8
8481	ENSG00000046651	929.411045	0.15615809	0.10262133	0.11409319	0.27454323	OFD1
2824	ENSG00000046653	239.990315	-0.22879675	0.18002277	0.14948508	0.33230072	GPM6B
51438	ENSG00000046774	4.3388516	-0.17441401	0.42520896	0.1254722	0.29435597	MAGEC2
80243	ENSG00000046889	0	NA	NA	NA	NA	PREX2
22884	ENSG00000047056	700.412302	0.07195947	0.10088602	0.46030007	0.68340593	WDR37
64848	ENSG00000047188	1242.99685	-0.13067405	0.09334098	0.14767161	0.329636	YTHDC2
56474	ENSG00000047230	853.070435	-0.1288029	0.09546123	0.16275941	0.35164399	CTPS2
51606	ENSG00000047249	499.892785	0.17224924	0.139609	0.18397192	0.3824796	ATP6V1H
5431	ENSG00000047315	3332.8292	-0.10058553	0.05915757	0.08526993	0.22149194	POLR2B
56204	ENSG00000047346	563.325823	-0.06386028	0.13860554	0.62367763	0.80810895	FAM214A
116984	ENSG00000047365	0	NA	NA	NA	NA	ARAP2
7175	ENSG00000047410	6890.71039	0.04294894	0.06286506	0.48899462	0.70870715	TPR
1356	ENSG00000047457	1.25259581	-0.02315123	0.37948037	0.73579668	NA	CP
23247	ENSG00000047578	570.149313	0.08051996	0.13127652	0.51009664	0.72552278	KATNIP
84062	ENSG00000047579	182.549598	-0.19304858	0.16997151	0.20417587	0.41083664	DTNBP1
7504	ENSG00000047597	67.9221345	0.42858456	0.28857657	0.05016204	0.14934131	XK
57101	ENSG00000047617	0	NA	NA	NA	NA	ANO2
57102	ENSG00000047621	385.333268	-0.45336307	0.13731171	0.00041525	0.00273797	C12orf4
6322	ENSG00000047634	355.067508	0.04567733	0.12772566	0.70535526	0.85803894	SCML1
55841	ENSG00000047644	531.648357	0.30369752	0.11195586	0.00446123	0.02115964	WWC3
395	ENSG00000047648	22.2990782	2.49051417	0.67857265	1.17E-05	0.00011031	ARHGAP6
27146	ENSG00000047662	11.9001715	-0.0258292	0.33596925	0.87360464	0.94441388	FAM184B
4134	ENSG00000047849	3676.28725	0.37246058	0.0646153	4.77E-09	7.49E-08	MAP4
57120	ENSG00000047932	1243.78085	-0.33061669	0.07671743	1.03E-05	9.76E-05	GOPC
6098	ENSG00000047936	0	NA	NA	NA	NA	ROS1
57646	ENSG00000048028	681.923024	0.21054415	0.13316873	0.09113269	0.232939	USP28
9734	ENSG00000048052	5111.19952	0.02535664	0.06860307	0.70838082	0.8597973	HDAC9
26262	ENSG00000048140	877.566856	-0.16896245	0.08736816	0.04613242	0.13991007	TSPAN17
51491	ENSG00000048162	785.682552	0.15862267	0.09089862	0.07221926	0.19574701	NOP16
57545	ENSG00000048342	186.568839	-0.63971367	0.19853237	0.00030167	0.00205605	CC2D2A
50484	ENSG00000048392	431.682722	0.65776755	0.11732021	5.35E-09	8.35E-08	RRM2B
168850	ENSG00000048405	717.323522	-0.15013645	0.09605327	0.10579252	0.25954292	ZNF800
608	ENSG00000048462	0	NA	NA	NA	NA	TNFRSF17
92017	ENSG00000048471	490.028798	-0.03687734	0.12670114	0.75679907	0.88697677	SNX29

55885	ENSG00000048540	338.773899	-2.02065625	0.1422605	6.35E-47	5.78E-45	LMO3
55173	ENSG00000048544	731.850529	-0.32273684	0.09791891	0.00063011	0.00394742	MRPS10
2978	ENSG00000048545	126.778044	-0.11640657	0.18858961	0.47772453	0.69938463	GUCA1A
118142757	ENSG00000048545	126.778044	-0.11640657	0.18858961	0.47772453	0.69938463	GUCA1A
51773	ENSG00000048649	2682.44249	-0.25933561	0.06440276	4.29E-05	0.00035718	RSF1
55187	ENSG00000048707	1197.2928	0.17271755	0.09946738	0.07186766	0.19529576	VPS13D
10659	ENSG00000048740	4.64305282	-3.42189135	1.84469159	0.00243431	0.01267298	CELF2
23196	ENSG00000048828	3040.39018	0.00378216	0.06649955	0.95413383	0.98112988	FAM120A
23518	ENSG00000048991	1387.37037	-0.14893715	0.09463052	0.10411651	0.25686042	R3HDM1
1298	ENSG00000049089	372.937908	2.03736328	0.167181	2.46E-35	1.68E-33	COL9A2
4254	ENSG00000049130	552.830405	-0.5835172	0.11633404	1.62E-07	2.09E-06	KITLG
1161	ENSG00000049167	491.322508	0.11977461	0.12111974	0.29714664	0.52379972	ERCC8
11174	ENSG00000049192	144.796862	1.55531361	0.22870556	8.00E-13	1.83E-11	ADAMTS6
9563	ENSG00000049239	1639.02776	0.30326019	0.07305553	2.28E-05	0.00020244	H6PD
9341	ENSG00000049245	709.859826	0.44293968	0.10389311	9.35E-06	8.93E-05	VAMP3
8863	ENSG00000049246	403.914149	-0.04271589	0.149795	0.75546831	0.88621127	PER3
10911	ENSG00000049247	0	NA	NA	NA	NA	UTS2
3604	ENSG00000049249	0.16735865	0.01897177	0.38482933	0.78225479	NA	TNFRSF9
55040	ENSG00000049283	7.80261103	-0.09222539	0.37604395	0.44612698	0.67049158	EPN3
4052	ENSG00000049323	277.706265	2.17121798	0.16779716	1.95E-39	1.49E-37	LTBP1
5954	ENSG00000049449	2466.39628	0.43344903	0.07604673	5.91E-09	9.17E-08	RCN1
2006	ENSG00000049540	1739.92799	-0.8104184	0.09365961	9.14E-19	3.20E-17	ELN
5982	ENSG00000049541	1266.06315	-0.09420264	0.08868905	0.27359882	0.49704244	RFC2
57492	ENSG00000049618	3109.40014	0.07409259	0.06103517	0.21967007	0.43175718	ARID1B
81037	ENSG00000049656	2739.67125	0.06800191	0.07330999	0.34505615	0.57548034	CLPTM1L
23327	ENSG00000049759	515.751252	0.15535633	0.27178472	0.43597214	0.66108891	NEDD4L
50943	ENSG00000049768	8.65626858	-0.01111461	0.34600621	0.93962743	0.97474024	FOXP3
89801	ENSG00000049769	220.325144	0.36284424	0.18630626	0.02585934	0.08939699	PPP1R3F
3074	ENSG00000049860	494.944396	0.00078265	0.11012585	0.99495711	0.99852582	HEXB
79810	ENSG00000049883	442.247475	-0.20163524	0.1417367	0.12459195	0.29277559	PTCD2
340533	ENSG00000050030	41.3494138	-2.6148848	0.45907531	7.89E-10	1.38E-08	NEXMIF
51528	ENSG00000050130	762.63479	-0.33321867	0.11506198	0.00232351	0.0121696	JKAMP
27122	ENSG00000050165	1574.26778	-0.08827282	0.09253738	0.32420595	0.55212413	DKK3
7984	ENSG00000050327	0	NA	NA	NA	NA	ARHGEF5
9603	ENSG00000050344	824.524784	0.1353205	0.09612718	0.14579992	0.32633917	NFE2L3
63933	ENSG00000050393	959.542884	0.02194277	0.08570899	0.79440056	0.90579008	MCUR1
51474	ENSG00000050405	1733.90932	0.59049577	0.07370494	3.63E-16	1.07E-14	LIMA1
25875	ENSG00000050426	794.874608	-0.092741	0.10350354	0.35069845	0.58113472	LETMD1

9498	ENSG00000050438	1423.69016	-0.80659914	0.08750937	5.72E-21	2.24E-19	SLC4A8
10319	ENSG00000050555	15.6316255	-0.16730633	0.38657739	0.29109731	0.51718193	LAMC3
5733	ENSG00000050628	20.727972	-0.05062699	0.3103139	0.78374339	0.9014745	PTGER3
79931	ENSG00000050730	0.37844916	0.02407552	0.3854191	0.60038877	NA	TNIP3
5601	ENSG00000050748	727.654164	-0.21737928	0.10221246	0.02688177	0.09216075	MAPK9
91522	ENSG00000050767	68.7718736	-2.18995022	0.332403	2.95E-12	6.53E-11	COL23A1
9564	ENSG00000050820	1590.93779	-0.28977012	0.10794613	0.00498094	0.02315412	BCAR1
84067	ENSG00000051009	425.287173	-0.27226603	0.15699025	0.05647111	0.16351237	FAM160A2
9709	ENSG00000051108	1257.70256	1.2623568	0.08322306	6.30E-53	6.72E-51	HERPUD1
9454	ENSG00000051128	803.693362	1.17418888	0.09405209	1.03E-36	7.24E-35	HOMER3
5888	ENSG00000051180	429.238395	-0.51265174	0.12713477	2.04E-05	0.00018249	RAD51
10721	ENSG00000051341	843.044024	-0.52005128	0.13649756	4.97E-05	0.0004061	POLQ
5291	ENSG00000051382	339.978675	-0.60828793	0.1455248	8.12E-06	7.84E-05	PIK3CB
1535	ENSG00000051523	486.215562	0.2541938	0.11614794	0.02133233	0.07670051	CYBA
84321	ENSG00000051596	1372.3521	0.00945446	0.07852783	0.89971893	0.95564128	THOC3
23593	ENSG00000051620	348.114864	1.17607989	0.15319189	1.71E-15	4.85E-14	HEBP2
10198	ENSG00000051825	1094.39728	-0.22003463	0.10300817	0.02609773	0.09006417	MPHOSPH9
54477	ENSG00000052126	294.200214	0.52980516	0.15083629	0.00015468	0.00112579	PLEKHA5
5652	ENSG00000052344	3.30838869	0.07705588	0.38263342	0.42374354	0.64959604	PRSS8
80143	ENSG00000052723	1098.79906	0.19014138	0.13098763	0.12256885	0.28970289	SIKE1
23223	ENSG00000052749	1518.04181	0.03461558	0.07266271	0.62840361	0.81158232	RRP12
57600	ENSG00000052795	614.121929	-0.10786509	0.11867297	0.33807253	0.56829936	FNIP2
6307	ENSG00000052802	844.793952	-0.47674754	0.14126054	0.00029472	0.00201423	MSMO1
55761	ENSG00000052841	2474.21763	0.42320709	0.06153416	3.10E-12	6.83E-11	TTC17
60529	ENSG00000052850	8.50916519	0.3305188	0.52793543	0.07386363	0.19921891	ALX4
23105	ENSG00000053108	574.315292	-3.13028101	0.12864262	5.95E-132	3.11E-129	FSTL4
1112	ENSG00000053254	2155.28088	0.03795375	0.07822407	0.62130372	0.80672374	FOXN3
728464	ENSG00000053328	18.2374059	2.25419839	0.65099415	2.94E-05	0.00025379	METTL24
8574	ENSG00000053371	645.676238	-0.00474423	0.09769914	0.95915408	0.9831126	AKR7A2
51154	ENSG00000053372	1017.26832	-0.05131192	0.08993293	0.5565381	0.76208295	MRTO4
4826	ENSG00000053438	11037.036	1.26260706	0.06178067	8.30E-94	2.39E-91	NNAT
55850	ENSG00000053501	231.975472	0.03638613	0.14869009	0.79180789	0.90499209	USE1
23101	ENSG00000053524	69.2547223	-0.7343761	0.31496878	0.00317404	0.0158702	MCF2L2
83714	ENSG00000053702	69.6353952	-0.16602374	0.23191479	0.37335213	0.60236694	NRIP2
3909	ENSG00000053747	312.503741	2.10468962	0.16271141	1.66E-39	1.27E-37	LAMA3
55745	ENSG00000053770	770.959732	0.01018738	0.10422587	0.92006889	0.96634023	AP5M1
29945	ENSG00000053900	546.038579	0.09353452	0.14492293	0.48621015	0.70622288	ANAPC4
3784	ENSG00000053918	145.441919	-0.65520653	0.22573708	0.00081393	0.00494438	KCNQ1

27095	ENSG00000054116	607.884997	0.01833761	0.09953709	0.84953175	0.93154246	TRAPPC3
9967	ENSG00000054118	3181.51939	-0.13596257	0.07599422	0.06756871	0.18665906	THRAP3
29085	ENSG00000054148	990.723732	0.09831793	0.0838126	0.22943896	0.44501603	PHPT1
954	ENSG00000054179	4.11503966	-0.06800191	0.37246735	0.56170032	0.76502898	ENTPD2
4065	ENSG00000054219	0	NA	NA	NA	NA	LY75
51742	ENSG00000054267	1637.80979	0.0288795	0.0787222	0.70846604	0.8597973	ARID4B
23596	ENSG00000054277	597.150409	1.1086	0.11608224	1.53E-22	6.52E-21	OPN3
10806	ENSG00000054282	614.245702	0.00082155	0.13906285	0.99612541	0.99859366	SDCCAG8
5798	ENSG00000054356	945.936602	-2.4681967	0.09554824	2.46E-148	1.95E-145	PTPRN
55733	ENSG00000054392	739.008641	-0.50843445	0.10197489	2.49E-07	3.12E-06	HHAT
23095	ENSG00000054523	4026.26172	-0.52134904	0.06227206	1.02E-17	3.31E-16	KIF1B
2296	ENSG00000054598	256.892242	1.89006559	0.16279846	3.01E-32	1.84E-30	FOXC1
25771	ENSG00000054611	375.495141	-0.13590734	0.14183785	0.30074001	0.52797821	TBC1D22A
23224	ENSG00000054654	5054.10325	0.27169424	0.06219983	9.33E-06	8.91E-05	SYNE2
57475	ENSG00000054690	523.843909	0.12587958	0.13523773	0.31967603	0.54727882	PLEKHH1
10079	ENSG00000054793	2484.20111	-0.01613574	0.06209335	0.79223299	0.90499209	ATP9A
23626	ENSG00000054796	0	NA	NA	NA	NA	SPO11
140689	ENSG00000054803	641.347547	0.47752585	0.15007356	0.00060908	0.00383379	CBLN4
25884	ENSG00000054938	0.173124	-0.01911262	0.38486262	0.84537521	NA	CHRDL2
23201	ENSG00000054965	2875.29355	-0.1187806	0.06052335	0.04642337	0.14061674	FAM168A
84957	ENSG00000054967	432.11455	-0.14800838	0.12201797	0.19897677	0.40340274	RELT
2581	ENSG00000054983	494.169417	0.29230176	0.12406455	0.01252948	0.04992667	GALC
51602	ENSG00000055044	1658.92672	-0.14769737	0.07049784	0.03285223	0.10778817	NOP58
26099	ENSG00000055070	3458.53845	0.01074422	0.06273712	0.86364351	0.93960776	SZRD1
3757	ENSG00000055118	5733.42235	-0.36831472	0.05501652	1.29E-11	2.73E-10	KCNH2
8454	ENSG00000055130	1837.92104	0.02700972	0.07495279	0.71444204	0.86242659	CUL1
10827	ENSG00000055147	447.133747	-0.05302937	0.12376524	0.64989242	0.82529572	FAM114A2
26999	ENSG00000055163	2706.84768	-0.3922535	0.06353532	3.65E-10	6.64E-09	CYFIP2
23118	ENSG00000055208	1500.15263	-0.21649218	0.09035669	0.01346846	0.05295894	TAB2
116254	ENSG00000055211	247.374487	0.23955431	0.14923882	0.0810791	0.21357208	GINM1
5610	ENSG00000055332	2149.98215	-0.17430097	0.09876728	0.06369854	0.17918196	EIF2AK2
57602	ENSG00000055483	1198.5825	-0.16012758	0.07945665	0.03911599	0.12343904	USP36
58508	ENSG00000055609	3285.5046	-0.32330885	0.0965385	0.00051275	0.00329861	KMT2C
55283	ENSG00000055732	0	NA	NA	NA	NA	MCOLN3
114800	ENSG00000055813	0	NA	NA	NA	NA	CCDC85A
23369	ENSG00000055917	4002.26621	-0.52529538	0.06690034	1.54E-15	4.36E-14	PUM2
84545	ENSG00000055950	1023.69047	0.04046173	0.0845572	0.62440124	0.80857129	MRPL43
3700	ENSG00000055955	22.1468053	2.57918491	0.74963623	2.60E-05	0.00022721	ITIH4

3697	ENSG00000055957	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ITIH1
54969	ENSG00000056050	502.160485	0.00552511	0.10918536	0.95906584	0.9831126	HPF1
51663	ENSG00000056097	2292.22207	-0.19586275	0.07115003	0.00500739	0.02324844	ZFR
55609	ENSG00000056277	418.060363	-0.02974278	0.13247234	0.81003806	0.91386075	ZNF280C
10886	ENSG00000056291	252.822748	0.31143577	0.14530723	0.02037392	0.07391569	NPFFR2
112885	ENSG00000056487	2577.12924	-1.69037074	0.06962925	2.60E-131	1.32E-128	PHF21B
7185	ENSG00000056558	17.1570115	-0.02266378	0.32195801	0.89625436	0.95469109	TRAF1
54542	ENSG00000056586	2302.98209	-0.29214422	0.08437585	0.00037329	0.00249108	RC3H2
55540	ENSG00000056736	198.716519	0.08070639	0.15932691	0.57875142	0.77656626	IL17RB
10758	ENSG00000056972	131.759239	-0.02054497	0.18526224	0.89808302	0.95533575	TRAF3IP2
8908	ENSG00000056998	120.714541	0.99964139	0.24431147	5.00E-06	5.03E-05	GYG2
131566	ENSG00000057019	1022.27233	-0.15454194	0.08388332	0.05859568	0.16816698	DCBLD2
6317	ENSG00000057149	0	NA	NA	NA	NA	SERPINB3
6646	ENSG00000057252	656.295207	0.08039376	0.1030782	0.41842591	0.6444567	SOAT1
5318	ENSG00000057294	172.566141	2.09156616	0.19751583	2.31E-27	1.19E-25	PKP2
4438	ENSG00000057468	0.34712721	0.00084574	0.3833641	0.96045798	NA	MSH4
2155	ENSG00000057593	3.41218294	-0.01743079	0.3739663	0.84118869	0.92789889	F7
2665	ENSG00000057608	3851.79871	-0.39661192	0.08393636	1.20E-06	1.34E-05	GDI2
639	ENSG00000057657	0	NA	NA	NA	NA	PRDM1
9474	ENSG00000057663	319.124097	-0.15013183	0.13726389	0.2407149	0.45879844	ATG5
57458	ENSG00000057704	74.5483529	0.20777266	0.24601357	0.28278237	0.50782063	TMCC3
57095	ENSG00000057757	580.76378	-0.14487906	0.10563856	0.15166865	0.33565042	PITHD1
57504	ENSG00000057935	1966.53165	0.09987264	0.07299832	0.16352879	0.35261507	MTA3
8975	ENSG00000058056	1019.06324	-0.05685573	0.12497295	0.62922332	0.81227084	USP13
23200	ENSG00000058063	1201.09101	0.4197021	0.09794774	9.10E-06	8.70E-05	ATP11B
3918	ENSG00000058085	0.63325157	0.0018705	0.38251164	0.96341566	NA	LAMC2
5218	ENSG00000058091	1386.81721	0.04738595	0.07878819	0.53978561	0.74874827	CDK14
29927	ENSG00000058262	4988.48445	-0.07317467	0.05963166	0.2139987	0.42415859	SEC61A1
4659	ENSG00000058272	1081.24199	0.14148447	0.12656546	0.23582753	0.45262825	PPP1R12A
5923	ENSG00000058335	2.13990379	-0.05283874	0.38368747	0.37470751	NA	RASGRF1
816	ENSG00000058404	193.750718	-1.52834595	0.27566789	1.95E-09	3.22E-08	CAMK2B
9696	ENSG00000058453	2331.72046	0.07569482	0.09311255	0.40269733	0.63083419	CROCC
55718	ENSG00000058600	1458.4059	0.11260896	0.10448913	0.26302545	0.48504013	POLR3E
493	ENSG00000058668	675.512434	0.68798791	0.11684364	9.38E-10	1.62E-08	ATP2B4
9877	ENSG00000058673	4326.67821	-0.02750275	0.07517586	0.70822852	0.85971939	ZC3H11A
55781	ENSG00000058729	320.879833	-0.31462318	0.17275704	0.03959027	0.1244606	RIOK2
54432	ENSG00000058799	225.914246	0.32934111	0.17057519	0.03148309	0.10422567	YIPF1
55706	ENSG00000058804	1248.60477	-0.63970504	0.08061661	5.75E-16	1.66E-14	NDC1

1608	ENSG00000058866	6.72394865	-0.30242382	0.5462797	0.02742102	0.09344437	DGKG
84256	ENSG00000059122	875.414504	-0.065705	0.10286586	0.50644622	0.72214266	FLYWCHI
64718	ENSG00000059145	512.835547	0.14933217	0.14247537	0.2583304	0.47964541	UNKL
6916	ENSG00000059377	40.7290682	-0.18149155	0.28992346	0.36694317	0.59618989	TBXAS1
64761	ENSG00000059378	40.8666834	0.71752104	0.40880182	0.01124651	0.04570478	PARP12
5832	ENSG00000059573	2256.46243	-0.02106102	0.08289777	0.79391939	0.90579008	ALDH18A1
6894	ENSG00000059588	1924.68711	0.18267779	0.08380235	0.02534462	0.0880241	TARBP1
5188	ENSG00000059691	456.618445	-0.03217769	0.13771487	0.80117399	0.90897872	GATB
4084	ENSG00000059728	253.412974	-0.06514051	0.16039789	0.65412597	0.82782798	MXD1
5128	ENSG00000059758	383.8963	-0.14068796	0.15060726	0.3085812	0.53621325	CDK17
548645	ENSG00000059769	178.610493	0.2925802	0.17154975	0.05686818	0.16435994	DNAJC25
6515	ENSG00000059804	0	NA	NA	NA	NA	SLC2A3
5662	ENSG00000059915	507.74821	-1.45229797	0.11925719	3.28E-35	2.24E-33	PSD
9150	ENSG00000060069	526.065785	0.15123325	0.10409805	0.13094035	0.30334616	CTDP1
8531	ENSG00000060138	0.37844916	0.02407552	0.3854191	0.60038877	NA	YBX3
55359	ENSG00000060140	0	NA	NA	NA	NA	STYK1
65125	ENSG00000060237	4585.13363	-0.22060165	0.06268238	0.00035147	0.00235899	WNK1
NA	ENSG00000060303	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS17P5
55749	ENSG00000060339	2286.06587	-0.24631444	0.09256993	0.00596838	0.0270472	CCAR1
11054	ENSG00000060491	1089.50998	-0.20993562	0.09423287	0.02086996	0.07536656	OGFR
2769	ENSG00000060558	0.40363765	0.01333376	0.38394276	0.83341597	NA	GNA15
84699	ENSG00000060566	9.90042191	-0.24332929	0.43741416	0.15366611	0.33878786	CREB3L3
55650	ENSG00000060642	193.436552	-0.13173875	0.18636275	0.41781117	0.64393487	PIGV
10076	ENSG00000060656	2550.04441	0.02678722	0.08682615	0.75223583	0.88403749	PTPRU
9410	ENSG00000060688	867.714082	0.04629124	0.09069229	0.59996125	0.79080728	SNRNP40
23504	ENSG00000060709	3431.81884	-0.23058553	0.07156748	0.00101885	0.00600176	RIMBP2
1301	ENSG00000060718	490.267549	3.83552145	0.16363982	4.57E-123	1.97E-120	COL11A1
79832	ENSG00000060749	2267.72091	-0.24607562	0.07774078	0.00119407	0.00689675	QSER1
51660	ENSG00000060762	661.628377	0.07651055	0.106243	0.45406432	0.67734106	MPC1
30	ENSG00000060971	462.187471	-0.13360574	0.12672745	0.26196478	0.48394839	ACAA1
586	ENSG00000060982	3771.07681	0.28002262	0.06724492	2.29E-05	0.00020285	BCAT1
51564	ENSG00000061273	1443.63289	-0.05170517	0.08276971	0.52144558	0.73486861	HDAC7
11178	ENSG00000061337	580.299049	0.49305881	0.10329673	7.34E-07	8.50E-06	LZTS1
93166	ENSG00000061455	9.93435802	-0.01861019	0.36635153	0.85819342	0.93665736	PRDM6
7478	ENSG00000061492	0	NA	NA	NA	NA	WNT8A
6676	ENSG00000061656	111.043499	0.14026568	0.21175571	0.42999153	0.65567843	SPAG4
10787	ENSG00000061676	3089.99289	-0.18511641	0.07424467	0.01091634	0.04456382	NCKAP1
60488	ENSG00000061794	548.854146	-0.03833955	0.11384764	0.72381839	0.86794586	MRPS35

2983	ENSG00000061918	392.457977	-0.50908701	0.13406549	5.45E-05	0.00044062	GUCY1B1
6433	ENSG00000061936	1785.84581	0.09347092	0.07786513	0.22063904	0.43304726	SFSWAP
10188	ENSG00000061938	1516.93714	-0.1876973	0.0781505	0.01401183	0.05460511	TNK2
23041	ENSG00000061987	1064.7441	0.14233839	0.10000521	0.14016105	0.31765996	MON2
1001	ENSG00000062038	35.3013425	-0.02961199	0.2943934	0.87384842	0.94444368	CDH3
416	ENSG00000062096	0.30001591	-0.02294459	0.38527538	0.68644873	NA	ARSF
65056	ENSG00000062194	1887.31669	-0.35030263	0.07085888	4.68E-07	5.61E-06	GPBP1
84649	ENSG00000062282	91.5448866	-0.12961917	0.22616063	0.47914353	0.70058277	DGAT2
7771	ENSG00000062370	274.402857	-0.47624231	0.14729938	0.00049016	0.00317078	ZNF112
1431	ENSG00000062485	3265.19471	0.02152869	0.05668939	0.69917797	0.85490515	CS
4058	ENSG00000062524	42.9879408	1.59227675	0.39125139	3.37E-06	3.48E-05	LTK
64951	ENSG00000062582	1072.00943	-0.11558578	0.0980526	0.22236573	0.43535977	MRPS24
63916	ENSG00000062598	809.283901	-0.09457013	0.09005841	0.27901068	0.50350845	ELMO2
23063	ENSG00000062650	1294.45535	-0.16102334	0.08212784	0.04437026	0.1357031	WAPL
81671	ENSG00000062716	1237.3572	-0.1790155	0.07664464	0.01695414	0.06380314	VMP1
10513	ENSG00000062725	1429.57473	-0.18467501	0.08762658	0.03002901	0.1003834	APPBP2
5424	ENSG00000062822	2232.27143	-0.00749969	0.0785706	0.92154395	0.9670192	POLD1
124925	ENSG00000063015	453.585722	-2.16857655	0.13431589	8.07E-60	1.05E-57	SEZ6
1975	ENSG00000063046	12076.6339	-0.09713412	0.04951823	0.04793827	0.14408352	EIF4B
28968	ENSG00000063127	0	NA	NA	NA	NA	SLC6A16
29998	ENSG00000063169	665.624026	0.34280128	0.12337067	0.00326929	0.01627671	BICRA
56848	ENSG00000063176	723.774509	0.24828014	0.10638004	0.01486561	0.05725758	SPHK2
6141	ENSG00000063177	9448.37519	0.06921317	0.05351248	0.1917349	0.39366867	RPL18
770	ENSG00000063180	202.76199	0.11945433	0.18480751	0.46185454	0.6848938	CA11
79763	ENSG00000063241	679.692398	0.12937843	0.09704995	0.16810285	0.35916008	ISOC2
11338	ENSG00000063244	5890.03362	0.13165085	0.06594784	0.04282162	0.13230775	U2AF2
29924	ENSG00000063245	4096.97433	-0.02830137	0.06222515	0.64415982	0.8223082	EPN1
55588	ENSG00000063322	1311.12798	0.05760742	0.1109367	0.58834762	0.78314772	MED29
57491	ENSG00000063438	12.5036808	0.23899858	0.42540577	0.18025552	0.37712427	AHRR
2928	ENSG00000063515	0.50586849	0.0145565	0.38307792	0.75000001	NA	GSC2
10838	ENSG00000063587	412.599773	-0.15056691	0.12243456	0.19334855	0.39603916	ZNF275
105373378	ENSG00000063587	412.599773	-0.15056691	0.12243456	0.19334855	0.39603916	ZNF275
8776	ENSG00000063601	811.10033	-0.08304345	0.09663909	0.37370967	0.60269874	MTMR1
2817	ENSG00000063660	824.27179	0.1544503	0.09358591	0.08848321	0.22759703	GPC1
57143	ENSG00000063761	159.585418	0.17288812	0.19108218	0.29815184	0.52487422	ADCK1
3029	ENSG00000063854	739.240893	0.13312312	0.11667688	0.23083346	0.44684775	HAGH
6047	ENSG00000063978	1011.35379	-0.49598312	0.10165466	4.18E-07	5.06E-06	RNF4
841	ENSG00000064012	10.1675833	-0.03235521	0.34797254	0.82822339	0.92220943	CASP8

22998	ENSG00000064042	2325.52929	-0.42326898	0.07456229	6.84E-09	1.05E-07	LIMCH1
55726	ENSG00000064102	493.125718	-0.17872409	0.11478636	0.10175042	0.25253045	INTS13
51768	ENSG00000064115	1668.00183	-0.49241148	0.06962307	6.20E-13	1.43E-11	TM7SF3
1747	ENSG00000064195	0	NA	NA	NA	NA	DLX3
53340	ENSG00000064199	228.620738	-0.02948383	0.22909238	0.87018362	0.94333385	SPA17
10077	ENSG00000064201	5.55217324	-0.02960274	0.3644677	0.80435302	0.91118482	TSPAN32
8839	ENSG00000064205	3.80670146	-0.07311225	0.3763259	0.5146819	0.72937777	CCN5
58524	ENSG00000064218	0	NA	NA	NA	NA	DMRT3
10402	ENSG00000064225	880.784003	-0.0345195	0.09020655	0.69279586	0.85156247	ST3GAL6
9914	ENSG00000064270	6.16967696	0.00256285	0.36810733	0.98295811	0.99428951	ATP2C2
4804	ENSG00000064300	295.342734	1.14354845	0.18175215	3.47E-11	7.00E-10	NGFR
50937	ENSG00000064309	969.549461	0.65706971	0.08430635	1.76E-15	4.96E-14	CDON
6873	ENSG00000064313	1063.17708	0.32693246	0.09823271	0.00056016	0.00356263	TAF2
28996	ENSG00000064393	3702.14826	-0.39610979	0.05791467	4.32E-12	9.42E-11	HIPK2
23534	ENSG00000064419	2307.31014	-0.18467444	0.06325192	0.00304099	0.01530912	TNPO3
NA	ENSG00000064489	43.2794601	0.80163906	0.46552951	0.00905398	0.03818204	BORCS8-MEF2B
8625	ENSG00000064490	662.603619	0.11399399	0.10222469	0.24713944	0.46606087	RFXANK
54929	ENSG00000064545	632.799407	0.09498164	0.09854716	0.31890196	0.54656314	TMEM161A
9170	ENSG00000064547	593.448608	-0.27747428	0.10441341	0.0055027	0.0252522	LPAR2
5476	ENSG00000064601	873.981775	0.29957906	0.100924	0.00203934	0.0108794	CTSA
10147	ENSG00000064607	4262.56638	-0.17992209	0.05590902	0.00112619	0.00653705	SUGP2
6558	ENSG00000064651	413.164264	-0.40895553	0.14065373	0.00177227	0.00965452	SLC12A2
28966	ENSG00000064652	263.211046	0.09446433	0.14604129	0.48479267	0.70488105	SNX24
2139	ENSG00000064655	35.8034936	1.7345305	0.4518196	7.55E-06	7.34E-05	EYA2
1265	ENSG00000064666	682.942568	2.0063517	0.11477784	1.35E-69	2.17E-67	CNN2
10347	ENSG00000064687	239.634466	0.25169205	0.15883722	0.08118562	0.21379384	ABCA7
9627	ENSG00000064692	42.5708672	-0.01984626	0.28159406	0.91571893	0.96423105	SNCAIP
11218	ENSG00000064703	618.985741	-0.2858456	0.10796073	0.00561718	0.02567852	DDX20
53339	ENSG00000064726	1302.81584	-0.23858069	0.07744354	0.00161606	0.00894855	BTBD1
55711	ENSG00000064763	177.195907	-0.27060788	0.18089603	0.08963614	0.22992799	FAR2
8537	ENSG00000064787	2.8885739	-0.13233943	0.40569864	0.17281505	0.36572272	BCAS1
5449	ENSG00000064835	0	NA	NA	NA	NA	POU1F1
1117	ENSG00000064886	0	NA	NA	NA	NA	CHI3L2
22904	ENSG00000064932	1151.08746	0.31120176	0.09062091	0.00039692	0.00262934	SBNO2
5378	ENSG00000064933	745.027745	0.02933424	0.10532969	0.77305063	0.89561741	PMS1
10362	ENSG00000064961	1508.2469	0.48680986	0.08202009	1.23E-09	2.09E-08	HMG20B
10203	ENSG00000064989	22.6358152	4.3301481	0.73774787	5.31E-10	9.51E-09	CALCRL
6882	ENSG00000064995	763.343545	-0.16926744	0.09106562	0.05495953	0.16007004	TAF11

23294	ENSG00000064999	1563.40211	0.094493	0.07173182	0.17999691	0.37673028	ANKS1A
8943	ENSG00000065000	3687.4386	-0.02758796	0.06977454	0.68616235	0.8472712	AP3D1
7629	ENSG00000065029	622.907559	0.12258614	0.11297137	0.25625759	0.47738504	ZNF76
9351	ENSG00000065054	415.78371	-0.23908752	0.11762914	0.03183314	0.10508645	SLC9A3R2
4913	ENSG00000065057	502.488962	-0.14691607	0.11073151	0.1647848	0.35443739	NTHL1
54887	ENSG00000065060	1404.63916	0.04397768	0.09720378	0.64086865	0.82008361	UHRF1BP1
2773	ENSG00000065135	2132.80987	0.10797651	0.06749087	0.10414586	0.25686895	GNAI3
3843	ENSG00000065150	4952.42333	-0.27756367	0.06862437	3.79E-05	0.00031934	IPO5
4942	ENSG00000065154	908.070296	-0.52976378	0.09041802	1.68E-09	2.82E-08	OAT
10885	ENSG00000065183	1653.83878	-0.23901763	0.09162329	0.00705336	0.03116675	WDR3
5586	ENSG00000065243	894.925505	0.35767923	0.13035554	0.00364464	0.01785624	PKN2
57418	ENSG00000065268	1122.70651	0.05319157	0.08434014	0.51831643	0.73217501	WDR18
9697	ENSG00000065308	1215.9754	-1.27178699	0.0872218	3.71E-49	3.57E-47	TRAM2
9423	ENSG00000065320	4.86237717	-0.06960162	0.3709929	0.5695269	0.77023951	NTN1
9340	ENSG00000065325	0	NA	NA	NA	NA	GLP2R
55388	ENSG00000065328	1227.23354	-0.48199773	0.07728015	1.89E-10	3.52E-09	MCM10
1606	ENSG00000065357	306.365666	0.1035651	0.15540401	0.46645318	0.68929176	DGKA
2065	ENSG00000065361	24.5879142	1.23173398	1.00989471	0.00641753	0.02870885	ERBB3
54763	ENSG00000065371	1.36392096	-0.07227669	0.39347707	0.1370696	NA	ROPN1
91526	ENSG00000065413	1381.86056	-0.23589266	0.09813003	0.01252331	0.04991209	ANKRD44
3735	ENSG00000065427	2922.70506	-0.26600955	0.06190975	1.28E-05	0.00011972	KARS1
23536	ENSG00000065457	1422.8216	0.08783152	0.09885135	0.35808922	0.5884123	ADAT1
10954	ENSG00000065485	352.600706	0.16475272	0.14257277	0.21264373	0.42247662	PDIA5
55633	ENSG00000065491	351.572959	-0.01840028	0.13293932	0.88244601	0.94823075	TBC1D22B
4710	ENSG00000065518	1049.36517	0.29256694	0.09219762	0.00105208	0.00616639	NDUFB4
23013	ENSG00000065526	3521.24226	0.03004208	0.07357104	0.67815467	0.84291038	SPEN
4638	ENSG00000065534	262.831142	0.16256215	0.19492455	0.33332972	0.56278287	MYLK
55854	ENSG00000065548	1267.40523	-0.18812996	0.07604273	0.01143352	0.04635085	ZC3H15
6416	ENSG00000065559	613.39846	-0.01518168	0.12119336	0.89358592	0.95394425	MAP2K4
55248	ENSG00000065600	876.989307	0.05866885	0.09232563	0.51691078	0.7308667	PACC1
9892	ENSG00000065609	1560.15094	-1.39664421	0.09368143	2.48E-51	2.53E-49	SNAP91
9748	ENSG00000065613	871.862951	-0.04681491	0.11998025	0.68006901	0.84377539	SLK
51167	ENSG00000065615	570.676382	-0.24631609	0.12269062	0.03349968	0.10951287	CYB5R4
1308	ENSG00000065618	11.4494889	0.26702873	0.47686744	0.08322585	0.21772162	COL17A1
119391	ENSG00000065621	13.411335	-0.00092756	0.3551063	0.99145686	0.99723721	GSTO2
55176	ENSG00000065665	360.538985	-0.26462301	0.13467112	0.03526614	0.11399155	SEC61A2
5588	ENSG00000065675	84.5938824	-0.09702974	0.2288866	0.59723508	0.78921427	PRKCQ
7089	ENSG00000065717	79.974157	0.59588755	0.30580021	0.01145822	0.04643563	TLE2

51665	ENSG00000065802	2043.30945	0.22709345	0.08230328	0.00465938	0.02191608	ASB1
83641	ENSG00000065809	1076.41621	-0.26201636	0.09156193	0.00312227	0.01567453	FAM107B
4199	ENSG00000065833	536.289859	0.00188523	0.10371536	0.98630321	0.99540871	ME1
23216	ENSG00000065882	960.958607	0.15472671	0.10280972	0.11798158	0.28184882	TBC1D1
8621	ENSG00000065883	1704.22426	-0.12483769	0.10190114	0.20252479	0.40813528	CDK13
10797	ENSG00000065911	2841.32792	0.20068249	0.10848733	0.05351149	0.15675002	MTHFD2
84679	ENSG00000065923	297.299305	0.32895373	0.15775486	0.02209493	0.07889909	SLC9A7
55810	ENSG00000065970	358.811343	0.0652617	0.1254651	0.5835797	0.77994081	FOXJ2
4904	ENSG00000065978	19961.4794	-0.26024195	0.05094519	2.48E-07	3.11E-06	YBX1
5141	ENSG00000065989	45.532229	0.4810079	0.35383614	0.0473594	0.14263366	PDE4A
5525	ENSG00000066027	317.738574	-0.13606619	0.12810299	0.25881671	0.48030339	PPP2R5A
1496	ENSG00000066032	810.834777	-0.79066117	0.10302844	3.17E-15	8.86E-14	CTNNA2
1994	ENSG00000066044	2770.39049	0.19603842	0.06670241	0.0028199	0.01437112	ELAVL1
7075	ENSG00000066056	0	NA	NA	NA	NA	TIE1
57609	ENSG00000066084	1601.08568	-0.28853912	0.08055587	0.00024	0.00167307	DIP2B
6602	ENSG00000066117	3068.74848	0.18884169	0.0730727	0.00838562	0.03592544	SMARCD1
9682	ENSG00000066135	1693.29473	0.13894396	0.09067111	0.11466058	0.27560769	KDM4A
4802	ENSG00000066136	817.789482	0.02577692	0.09062973	0.77078419	0.89494676	NFYC
84217	ENSG00000066185	7.83365596	-0.05360092	0.35653347	0.70568456	0.85810136	ZMYND12
6550	ENSG00000066230	161.112239	-0.22375812	0.17289501	0.14638876	0.32736169	SLC9A3
25791	ENSG00000066248	4.69270454	0.05675457	0.37647739	0.56328855	0.76608585	NGEF
259266	ENSG00000066279	4313.08726	-0.23062646	0.06214274	0.0001658	0.00120056	ASPM
8832	ENSG00000066294	0	NA	NA	NA	NA	CD84
64834	ENSG00000066322	498.300514	0.09741164	0.13920885	0.45327661	0.67649496	ELOVL1
6688	ENSG00000066336	0.98382358	0.0055225	0.38090519	0.92055612	NA	SPI1
30834	ENSG00000066379	308.48488	0.10873336	0.1420753	0.41050943	0.63818422	POLR1H
744	ENSG00000066382	356.471644	-1.15421454	0.14060174	2.43E-17	7.68E-16	MPPED2
51208	ENSG00000066405	14.8028961	-0.00294003	0.32927279	0.98425525	0.99457273	CLDN18
27107	ENSG00000066422	793.357869	-0.15663786	0.10495241	0.11993794	0.28511487	ZBTB11
4287	ENSG00000066427	295.385633	-0.1328854	0.16690905	0.37528349	0.60449338	ATXN3
9950	ENSG00000066455	470.381612	0.01763512	0.11173048	0.86985598	0.9432116	GOLGA5
2263	ENSG00000066468	77.1809794	1.74910838	0.33074966	8.23E-09	1.25E-07	FGFR2
55631	ENSG00000066557	522.053428	0.07096339	0.10822041	0.49499404	0.71386797	LRRC40
51015	ENSG00000066583	641.017598	0.52110061	0.09880346	5.02E-08	6.92E-07	ISOC1
2009	ENSG00000066629	793.517596	-0.8051814	0.14373099	3.78E-09	6.02E-08	EML1
60487	ENSG00000066651	327.578968	-0.06640872	0.14263069	0.614807	0.80225838	TRMT11
55623	ENSG00000066654	910.189228	-0.03314423	0.11507934	0.76160484	0.88972737	THUMPD1
91283	ENSG00000066697	540.204362	-0.00851921	0.11935972	0.93948005	0.97474024	MSANTD3

26153	ENSG00000066735	2239.80758	-0.12157283	0.08069465	0.1225077	0.28962737	KIF26A
55102	ENSG00000066739	1446.67563	-0.3596886	0.11976411	0.00150978	0.00842114	ATG2B
10565	ENSG00000066777	1260.9939	-0.11324615	0.09338854	0.21054304	0.4192266	ARFGEF1
348158	ENSG00000066813	0	NA	NA	NA	NA	ACSM2B
57623	ENSG00000066827	207.849604	-0.08003727	0.16779961	0.59473068	0.78785671	ZFAT
9650	ENSG00000066855	381.078602	0.07510212	0.15412956	0.59551648	0.78816266	MTFR1
10734	ENSG00000066923	406.246127	0.15138252	0.14956588	0.27139107	0.49479863	STAG3
2235	ENSG00000066926	739.17727	0.12237433	0.09589827	0.18757778	0.38786275	FECH
4649	ENSG00000066933	673.814876	-0.53079599	0.12471346	7.26E-06	7.09E-05	MYO9A
8653	ENSG00000067048	0	NA	NA	NA	NA	DDX3Y
5214	ENSG00000067057	2168.77891	-0.92773586	0.09907439	1.16E-21	4.69E-20	PFKP
3422	ENSG00000067064	1206.88081	-0.23155836	0.11724604	0.03733871	0.11921467	IDI1
6672	ENSG00000067066	0	NA	NA	NA	NA	SP100
1316	ENSG00000067082	428.784198	0.15500571	0.1619172	0.29076165	0.51679428	KLF6
8611	ENSG00000067113	68.4823066	0.22617885	0.24143193	0.23945233	0.45732906	PLPP1
4756	ENSG00000067141	2155.3719	0.24392126	0.09361317	0.00710103	0.0313007	NEO1
23471	ENSG00000067167	1110.57695	0.29087731	0.08751372	0.00063004	0.00394742	TRAM1
5255	ENSG00000067177	754.567948	0.18008905	0.09679536	0.0542306	0.15841212	PHKA1
7132	ENSG00000067182	21.4017542	0.03486383	0.3360017	0.83297958	0.9239848	TNFRSF1A
782	ENSG00000067191	469.224481	-0.13165328	0.14294198	0.31953204	0.54726483	CACNB1
7813	ENSG00000067208	339.924787	0.1858592	0.13913341	0.15089983	0.33458345	EVI5
9399	ENSG00000067221	240.526851	-0.31051449	0.18277907	0.05376317	0.15732467	STOML1
5315	ENSG00000067225	16335.8325	0.10169726	0.08309778	0.20552481	0.41249633	PKM
54505	ENSG00000067248	579.487487	-0.35662355	0.11372374	0.00099328	0.00587207	DHX29
30836	ENSG00000067334	1063.14761	-0.2342407	0.0867327	0.0054289	0.02496741	DNTTIP2
79091	ENSG00000067365	355.597026	0.19334079	0.12435905	0.09924115	0.24794665	METTTL2
7158	ENSG00000067369	3241.27528	-0.229172	0.05847199	7.17E-05	0.0005674	TP53BP1
7216	ENSG00000067445	2126.12563	0.16496769	0.08538612	0.04735635	0.14263366	TRO
51018	ENSG00000067533	779.944177	0.24559048	0.12791192	0.04117839	0.12828422	RRP15
387	ENSG00000067560	5059.1076	0.04198217	0.06672532	0.52597028	0.73808697	RHOA
1659	ENSG00000067596	2038.38248	0.16209	0.0660245	0.01269084	0.05043796	DHX8
5382	ENSG00000067601	41.9520327	0.04226955	0.26189021	0.82769107	0.92210075	PMS2P4
5590	ENSG00000067606	825.816343	-0.0048812	0.09703224	0.95773024	0.98264776	PRKCZ
7544	ENSG00000067646	0	NA	NA	NA	NA	ZFY
55699	ENSG00000067704	2798.39186	0.03385784	0.05986441	0.56750225	0.76896903	IARS2
6857	ENSG00000067715	949.939435	0.22136445	0.08599072	0.00815682	0.03511964	SYT1
89795	ENSG00000067798	4.60351858	-0.03345196	0.37581887	0.68666263	0.84769738	NAV3
3421	ENSG00000067829	693.190618	0.28550484	0.0980937	0.00253864	0.01315056	IDH3G

79641	ENSG00000067836	509.140247	-0.09336163	0.11217582	0.38316841	0.61242739	ROGDI
57595	ENSG00000067840	2471.475	-0.56901329	0.06284328	4.60E-20	1.73E-18	PDZD4
492	ENSG00000067842	272.941164	-0.78356131	0.20262348	1.88E-05	0.00016926	ATP2B3
6093	ENSG00000067900	1289.70509	-0.19450297	0.08187687	0.01480479	0.05705655	ROCK1
865	ENSG00000067955	1261.04809	0.10157601	0.09020137	0.24686755	0.46592963	CBFB
5165	ENSG00000067992	353.288903	-0.2116745	0.20303078	0.21861688	0.43050004	PDK3
8692	ENSG00000068001	1370.18245	0.35902496	0.08632701	1.90E-05	0.00017141	HYAL2
9759	ENSG00000068024	774.733402	-0.23792775	0.09986811	0.01332301	0.05247466	HDAC4
11186	ENSG00000068028	525.094579	0.12925926	0.11212139	0.22780028	0.44270325	RASSF1
2261	ENSG00000068078	16.1006639	1.57607468	0.75253213	0.00166665	0.00918252	FGFR3
3430	ENSG00000068079	0.63756822	0.03739676	0.38672729	0.3970149	NA	IFI35
63897	ENSG00000068097	1017.82477	-0.07226636	0.12630712	0.54326264	0.75131261	HEATR6
80347	ENSG00000068120	1198.02943	0.07347805	0.08229667	0.36021419	0.59016007	COASY
79990	ENSG00000068137	775.747067	0.07337566	0.11098837	0.49035394	0.70985933	PLEKHH3
4205	ENSG00000068305	795.020067	-0.0762564	0.11758989	0.49269686	0.71179682	MEF2A
55593	ENSG00000068308	1301.70977	0.10068918	0.07452513	0.16852594	0.35979283	OTUD5
7030	ENSG00000068323	785.125103	-0.00579835	0.10620291	0.95373622	0.98083958	TFE3
4943	ENSG00000068354	366.768743	-0.08229625	0.12207731	0.4762782	0.69819414	TBC1D25
2182	ENSG00000068366	762.889038	-0.8572206	0.11946526	1.19E-13	2.89E-12	ACSL4
3632	ENSG00000068383	264.162269	0.00544941	0.14367168	0.96846335	0.98817646	INPP5A
27238	ENSG00000068394	376.06394	0.33164902	0.12942051	0.00637486	0.02854372	GPLOW
56850	ENSG00000068400	1400.59103	-0.02036236	0.07745264	0.78763991	0.90351292	GRIPAP1
24140	ENSG00000068438	683.157415	0.03293598	0.09541972	0.72235104	0.86754018	FTSJ1
55771	ENSG00000068489	2777.6694	-0.89390983	0.07352523	8.22E-35	5.53E-33	PRR11
65055	ENSG00000068615	176.737115	-0.91775351	0.18631778	1.20E-07	1.57E-06	REEP1
23250	ENSG00000068650	1393.43298	0.32198682	0.10648598	0.00160035	0.00887144	ATP11A
25885	ENSG00000068654	2290.92942	-0.12421763	0.06525646	0.05322597	0.15616729	POLR1A
9741	ENSG00000068697	2188.71858	0.10356757	0.07703335	0.17024841	0.36213659	LAPTM4A
57217	ENSG00000068724	414.547037	0.14214244	0.12904492	0.24171231	0.45967442	TTC7A
51447	ENSG00000068745	1908.54325	-0.0049599	0.06874508	0.93539045	0.97325384	IP6K2
286749	ENSG00000068781	10.3533668	0.41489235	0.64348615	0.04412839	0.13518014	STON1-GTF2AIL
55133	ENSG00000068784	552.777088	-0.49622883	0.11198091	3.67E-06	3.77E-05	SRBD1
3796	ENSG00000068796	2485.3682	-0.27668353	0.07624887	0.00020666	0.00146589	KIF2A
10235	ENSG00000068831	151.839499	-0.07287967	0.17416704	0.63763668	0.81742743	RASGRP2
23198	ENSG00000068878	2051.57876	0.01294517	0.07254034	0.85659391	0.93595581	PSME4
57560	ENSG00000068885	830.003339	-0.08196314	0.10076589	0.39852856	0.62742474	IFT80
22933	ENSG00000068903	407.567552	-1.00756519	0.13551936	1.33E-14	3.50E-13	SIRT2
27248	ENSG00000068912	699.109603	0.0903599	0.09647011	0.33345519	0.56294681	ERLEC1

5526	ENSG00000068971	441.292882	-0.04012566	0.11543972	0.71372977	0.86192204	PPP2R5B
5837	ENSG00000068976	9.22977598	0.14544713	0.37924805	0.35591545	0.58600518	PYGM
8712	ENSG00000068985	0.173124	-0.01911262	0.38486262	0.84537521	NA	PAGE1
5307	ENSG00000069011	0	NA	NA	NA	NA	PITX1
57113	ENSG00000069018	0	NA	NA	NA	NA	TRPC7
375449	ENSG00000069020	701.833859	-0.06174184	0.11703575	0.57861069	0.77656626	MAST4
221395	ENSG00000069122	0	NA	NA	NA	NA	ADGRF5
54549	ENSG00000069188	13.5669859	0.1662607	0.37584956	0.33036999	0.55911802	SDK2
8756	ENSG00000069206	0	NA	NA	NA	NA	ADAM7
55746	ENSG00000069248	1926.57973	-0.0792401	0.09314323	0.37955811	0.60845927	NUP133
64710	ENSG00000069275	15156.0847	-0.35758215	0.04777685	4.41E-14	1.12E-12	NUCKS1
55737	ENSG00000069329	1806.91633	-0.54665588	0.08267587	1.33E-11	2.80E-10	VPS35
10294	ENSG00000069345	1129.4183	-0.10545552	0.09478533	0.25009929	0.46992802	DNAJA2
602	ENSG00000069399	10.1620828	4.37330518	1.23636141	6.35E-05	0.00050743	BCL3
8514	ENSG00000069424	400.053405	-0.31514914	0.16164646	0.03119534	0.10344569	KCNAB2
10060	ENSG00000069431	45.8244256	2.72650378	0.41119329	1.70E-12	3.81E-11	ABCC9
51083	ENSG00000069482	771.510594	-0.55639801	0.14234335	2.99E-05	0.0002571	GAL
29121	ENSG00000069493	107.511817	0.32698112	0.21769564	0.07331913	0.19810043	CLEC2D
139341	ENSG00000069509	218.74431	-0.01715422	0.14823684	0.89896939	0.95556135	FUNDC1
4129	ENSG00000069535	26.0526863	0.94074456	0.51636464	0.00585121	0.02658299	MAOB
6095	ENSG00000069667	353.361378	0.01251864	0.19907701	0.94290365	0.97652077	RORA
1815	ENSG00000069696	5.84790272	-0.04701102	0.36077718	0.72388179	0.86794586	DRD4
7049	ENSG00000069702	0	NA	NA	NA	NA	TGFBR3
8399	ENSG00000069764	0.97083619	-0.06756019	0.39188254	0.1968697	NA	PLA2G10
54626	ENSG00000069812	2.41875988	0.01519793	0.37877735	0.81813737	NA	HES2
483	ENSG00000069849	1203.60499	-0.131162	0.09138512	0.13841995	0.31479274	ATP1B3
4734	ENSG00000069869	353.959514	0.39364953	0.14084823	0.00265204	0.01363917	NEDD4
9488	ENSG00000069943	106.308801	0.19961567	0.21846124	0.27089411	0.4942105	PIGB
5597	ENSG00000069956	1220.20018	-0.12011262	0.08749854	0.15784049	0.34484696	MAPK6
10681	ENSG00000069966	466.814993	0.00144193	0.11086451	0.99002031	0.99665126	GNB5
5873	ENSG00000069974	134.146443	0.13225685	0.21433932	0.45959276	0.68271342	RAB27A
27440	ENSG00000069998	1135.13869	-0.17491128	0.08129481	0.02744302	0.09350327	HDHD5
7353	ENSG00000070010	1050.4857	0.32751343	0.10814555	0.00155628	0.00866346	UFD1
4040	ENSG00000070018	1949.35838	0.20247865	0.0919208	0.02308154	0.08171625	LRP6
2984	ENSG00000070019	0.173733	0.01914545	0.38484597	0.78225479	NA	GUCY2C
6343	ENSG00000070031	0	NA	NA	NA	NA	SCT
57661	ENSG00000070047	1932.99978	0.03352335	0.0734507	0.64254706	0.82136499	PHRF1
8518	ENSG00000070061	2109.86293	-0.17483353	0.07885134	0.02313241	0.08185251	ELP1

4925	ENSG00000070081	426.744147	0.03546246	0.11582964	0.74948217	0.88205755	NUCB2
5217	ENSG00000070087	4641.88555	0.32920296	0.06479684	2.46E-07	3.09E-06	PFN2
5774	ENSG00000070159	18.0309604	0.12305305	0.37076356	0.41010226	0.63800117	PTPN3
6710	ENSG00000070182	292.155948	-0.36495655	0.13687879	0.00423721	0.02025692	SPTB
27071	ENSG00000070190	0.74967325	-0.04343647	0.38756608	0.34471339	NA	DAPP1
2255	ENSG00000070193	0	NA	NA	NA	NA	FGF10
23446	ENSG00000070214	926.553002	-0.02999628	0.10079527	0.75710417	0.88697677	SLC44A1
54916	ENSG00000070269	313.279347	0.30354657	0.16605667	0.04258701	0.13177264	TMEM260
23293	ENSG00000070366	1005.56209	0.02440568	0.11973397	0.83300404	0.9239848	SMG6
10640	ENSG00000070367	1923.35646	-0.12938628	0.08778566	0.12932841	0.30080605	EXOC5
8218	ENSG00000070371	255.14724	0.41616785	0.1779619	0.00884925	0.03748274	CLTCL1
27006	ENSG00000070388	8.76733142	0.22632753	0.43057604	0.16796082	0.35893393	FGF22
10272	ENSG00000070404	123.904378	0.30518756	0.22415515	0.09999335	0.24919835	FSTL3
9993	ENSG00000070413	1925.26211	-0.07161079	0.07240117	0.31336324	0.54126787	DGCR2
55658	ENSG00000070423	885.249375	-0.14243821	0.08918708	0.09858639	0.24665406	RNF126
4335	ENSG00000070444	762.947709	-0.24058966	0.09415053	0.00820551	0.03530631	MNT
79364	ENSG00000070476	616.414867	0.0752888	0.09993766	0.43560821	0.66073906	ZXDC
23210	ENSG00000070495	721.019327	-0.03525393	0.10835829	0.73362788	0.87316412	JMJD6
5423	ENSG00000070501	434.348914	0.06934981	0.11649066	0.53347137	0.74467543	POLB
55808	ENSG00000070526	0	NA	NA	NA	NA	ST6GALNAC1
55062	ENSG00000070540	138.655264	2.41118072	0.231852	1.86E-26	9.28E-25	WIPI1
22844	ENSG00000070601	41.7018318	0.48214785	0.40062036	0.05520879	0.16065449	FRMPD1
57704	ENSG00000070610	3015.11815	-0.04640587	0.06177783	0.44602748	0.67039282	GBA2
3340	ENSG00000070614	3402.96847	-0.06514012	0.07334536	0.364816	0.59432668	NDST1
440	ENSG00000070669	3028.52805	0.45204064	0.28480225	0.03859701	0.12224852	ASNS
10947	ENSG00000070718	660.474645	-0.26742685	0.11455371	0.0140968	0.05488235	AP3M2
1258	ENSG00000070729	0	NA	NA	NA	NA	CNGB1
10610	ENSG00000070731	4.81375467	0.1556572	0.41257938	0.15730146	0.34408611	ST6GALNAC2
1103	ENSG00000070748	6.47669384	-0.13593459	0.38354791	0.3468015	0.57746889	CHAT
26986	ENSG00000070756	15901.9091	-0.58119017	0.06363414	2.15E-20	8.20E-19	PABPC1
10420	ENSG00000070759	94.5671766	0.26357231	0.24201007	0.17303076	0.36578929	TESK2
29105	ENSG00000070761	750.167084	-0.03901886	0.09808595	0.68004629	0.84377539	CFAP20
1459	ENSG00000070770	1084.19274	-0.07006034	0.08804964	0.41305857	0.6403849	CSNK2A2
11099	ENSG00000070778	808.980955	0.28616757	0.09850973	0.00258461	0.01335035	PTPN21
8891	ENSG00000070785	349.920402	0.11676949	0.12462526	0.32339177	0.55106868	EIF2B3
815	ENSG00000070808	0.68744131	-0.03071099	0.38429993	0.55668345	NA	CAMK2A
6949	ENSG00000070814	3716.30769	-0.06870127	0.05499685	0.20672574	0.41386868	TCOF1
998	ENSG00000070831	3076.73866	-0.14677917	0.0575316	0.00976434	0.04073267	CDC42

26031	ENSG00000070882	382.533041	0.0211882	0.14053014	0.87299125	0.94439555	OSBPL3
2046	ENSG00000070886	201.986312	-1.60130775	0.21016708	1.86E-15	5.24E-14	EPHA8
6559	ENSG00000070915	1.41099212	-0.02065922	0.37959921	0.75912992	NA	SLC12A3
56852	ENSG00000070950	640.289048	0.01029006	0.1078947	0.92175849	0.96719317	RAD18
490	ENSG00000070961	817.570686	-0.2426238	0.11638915	0.02814094	0.09543867	ATP2B1
29850	ENSG00000070985	0.52978646	0.01332752	0.38290755	0.74558738	NA	TRPM5
8440	ENSG00000071051	1321.6118	-0.12067798	0.07950796	0.11965681	0.28461708	NCK2
9448	ENSG00000071054	6264.79824	-0.06823398	0.05753171	0.22645993	0.44088684	MAP4K4
11320	ENSG00000071073	256.89568	0.3047879	0.20733249	0.08366533	0.21849678	MGAT4A
6160	ENSG00000071082	9802.24134	-0.02959142	0.05869797	0.60546635	0.79536863	RPL31
9948	ENSG00000071127	2186.97424	0.01264084	0.06837141	0.8518234	0.93275912	WDR1
23161	ENSG00000071189	713.694434	-0.0228271	0.16366874	0.85973351	0.93751308	SNX13
54860	ENSG00000071203	0	NA	NA	NA	NA	MS4A12
79658	ENSG00000071205	115.141923	0.98580268	0.24924737	9.36E-06	8.93E-05	ARHGAP10
6196	ENSG00000071242	3609.60685	0.44644599	0.05511737	2.59E-16	7.71E-15	RPS6KA2
54556	ENSG00000071243	379.711828	0.13066525	0.14445686	0.32860738	0.55708539	ING3
22846	ENSG00000071246	2050.8964	0.22971517	0.07806367	0.00261172	0.01346931	VASH1
29995	ENSG00000071282	619.188481	0.14250355	0.10893239	0.17203619	0.36458	LMCD1
114049	ENSG00000071462	1511.79218	0.41199507	0.09319058	5.04E-06	5.06E-05	BUD23
6400	ENSG00000071537	1420.56722	0.29884612	0.12243976	0.00969126	0.0404533	SEL1L
9319	ENSG00000071539	1105.01941	-0.08952824	0.08832065	0.29605562	0.52267989	TRIP13
537	ENSG00000071553	2096.30511	-0.26928498	0.0782546	0.00042631	0.00280345	ATP6AP1
6929	ENSG00000071564	6132.53295	0.30831143	0.05039	6.05E-10	1.08E-08	TCF3
28951	ENSG00000071575	1261.36482	-0.67953333	0.08482264	2.79E-16	8.27E-15	TRIB2
26528	ENSG00000071626	2814.14047	-0.24280325	0.05876876	2.84E-05	0.00024625	DAZAP1
53615	ENSG00000071655	3213.30443	-0.01038585	0.06575371	0.87683389	0.94566867	MBD3
51052	ENSG00000071677	0	NA	NA	NA	NA	PRLH
6596	ENSG00000071794	1338.83224	-0.47090608	0.09344588	1.97E-07	2.51E-06	HLTF
9130	ENSG00000071859	893.292155	-0.23330411	0.09139386	0.00838973	0.03593528	FAM50A
60343	ENSG00000071889	387.311116	0.11630057	0.11961483	0.30625127	0.53396829	FAM3A
29894	ENSG00000071894	3062.10645	0.36764632	0.06239772	2.26E-09	3.71E-08	CPSF1
140469	ENSG00000071909	0.64211671	0.00270554	0.381949	0.95310032	NA	MYO3B
79901	ENSG00000071967	97.7833713	1.7619506	0.31003768	8.13E-10	1.42E-08	CYBRD1
28513	ENSG00000071991	0.29863895	-0.02292439	0.3852726	0.68753245	NA	CDH19
5134	ENSG00000071994	1872.24056	-0.11230962	0.07121147	0.10815	0.26372861	PDCD2
55117	ENSG00000072041	1368.36171	-0.28032158	0.07355256	9.97E-05	0.00075866	SLC6A15
51109	ENSG00000072042	1586.59312	0.07479663	0.07823614	0.32834517	0.55683119	RDH11
5566	ENSG00000072062	1135.31907	-0.02346437	0.10033487	0.80759653	0.91292321	PRKACA

22859	ENSG00000072071	2494.89326	-0.41806649	0.09956042	1.32E-05	0.0001233	ADGRL1
6694	ENSG00000072080	0	NA	NA	NA	NA	SPP2
87	ENSG00000072110	2303.7278	-0.50723767	0.07985425	8.34E-11	1.62E-09	ACTN1
23503	ENSG00000072121	588.369671	-0.18602269	0.12248176	0.10791665	0.2634186	ZFYVE26
27330	ENSG00000072133	1695.48937	0.41784285	0.08047376	1.06E-07	1.39E-06	RPS6KA6
22905	ENSG00000072134	1443.16292	0.1182982	0.08735735	0.16426112	0.35369445	EPN2
26469	ENSG00000072135	599.448107	0.07982308	0.11483869	0.46721197	0.69011879	PTPN18
55679	ENSG00000072163	10.0559359	0.06238189	0.35028122	0.68718588	0.84792387	LIMS2
55515	ENSG00000072182	412.841993	-0.72563404	0.14203014	6.86E-08	9.24E-07	ASIC4
10290	ENSG00000072195	1254.27088	-0.08366706	0.10945365	0.42394197	0.64969559	SPEG
84708	ENSG00000072201	28.3971416	-0.1195768	0.30314954	0.539358	0.74850934	LNX1
224	ENSG00000072210	1074.11513	-0.33037058	0.087145	9.21E-05	0.00070688	ALDH3A2
7037	ENSG00000072274	2091.27501	0.33683504	0.20297214	0.05333139	0.15638409	TFRC
6720	ENSG00000072310	2880.99457	-0.67064184	0.06354504	1.32E-26	6.65E-25	SREBF1
7224	ENSG00000072315	3.43424896	0.07901165	0.37745415	0.48768524	0.70749307	TRPC5
27125	ENSG00000072364	3255.56012	-0.19089899	0.07282126	0.00749382	0.03270508	AFF4
7321	ENSG00000072401	490.484788	0.06065207	0.10754539	0.55758289	0.76266422	UBE2D1
64398	ENSG00000072415	416.262618	-0.12431758	0.13221646	0.31530138	0.54311334	MPP5
9886	ENSG00000072422	820.790826	0.24812099	0.10917666	0.01740348	0.06513582	RHOBTB1
8243	ENSG00000072501	7661.63632	-0.69273237	0.05364369	8.40E-39	6.31E-37	SMC1A
3028	ENSG00000072506	1817.64429	-0.01529178	0.07431098	0.83290372	0.9239848	HSD17B10
2011	ENSG00000072518	1090.52336	-0.0034538	0.09736942	0.96950196	0.98853525	MARK2
3161	ENSG00000072571	1022.94365	-0.34878189	0.13965664	0.00716702	0.03152155	HMMR
55743	ENSG00000072609	1032.36645	0.14140291	0.08840891	0.10003584	0.24927294	CHFR
29953	ENSG00000072657	5.88164387	5.88308178	2.68072459	7.13E-05	0.00056456	TRHDE
8974	ENSG00000072682	255.238779	0.30893436	0.15280009	0.02735726	0.09335537	P4HA2
2213	ENSG00000072694	0	NA	NA	NA	NA	FCGR2B
4775	ENSG00000072736	1413.3291	-0.28253484	0.09958153	0.00319127	0.01593228	NFATC3
51095	ENSG00000072756	473.213469	-0.21232016	0.11549664	0.05307819	0.15584893	TRNT1
37	ENSG00000072778	2143.237	0.35946122	0.07066402	2.16E-07	2.72E-06	ACADVL
6793	ENSG00000072786	738.721236	0.1396393	0.10700843	0.17399895	0.36724886	STK10
23291	ENSG00000072803	2001.67067	-0.24099939	0.08568363	0.00381437	0.01850295	FBXW11
9744	ENSG00000072818	24.011114	0.10505754	0.34428877	0.53911066	0.74843996	ACAP1
1400	ENSG00000072832	8280.0118	-0.88483889	0.0517195	2.11E-66	3.17E-64	CRMP1
2121	ENSG00000072840	640.501481	0.78815987	0.13918001	2.79E-09	4.50E-08	EVC
51009	ENSG00000072849	737.476587	0.09606153	0.0962525	0.3030654	0.53032436	DERL2
54847	ENSG00000072858	31.5633262	0.60512385	0.74399499	0.02816306	0.09547008	SIDT1
54820	ENSG00000072864	876.734251	-0.36525629	0.09559419	7.63E-05	0.00059871	NDE1

10335	ENSG00000072952	267.365782	-0.01950353	0.14213902	0.88156584	0.94772508	IRAG1
79041	ENSG00000072954	186.838923	0.17448433	0.16527796	0.24206059	0.46022827	TMEM38A
8907	ENSG00000072958	2101.93321	-0.09533768	0.08027072	0.22341436	0.43670355	AP1M1
5817	ENSG00000073008	1276.28796	-0.48693144	0.08627439	6.86E-09	1.05E-07	PVR
7515	ENSG00000073050	649.104794	0.17588985	0.10660144	0.0851446	0.2214571	XRCC1
949	ENSG00000073060	1245.35684	-0.52195871	0.09286986	7.11E-09	1.09E-07	SCARB1
54905	ENSG00000073067	7.2489666	0.0485584	0.35520935	0.74022554	0.87736188	CYP2W1
4171	ENSG00000073111	4461.12354	-0.13124292	0.08305308	0.10461186	0.25761097	MCM2
54456	ENSG00000073146	2.31284792	-0.02179237	0.37596095	0.79044881	NA	MOV10L1
56666	ENSG00000073150	97.9047859	0.66309253	0.25586326	0.00202449	0.01081181	PANX2
83642	ENSG00000073169	672.876421	0.13690032	0.10449262	0.17284379	0.36574454	SELENOO
8626	ENSG00000073282	0	NA	NA	NA	NA	TP63
80216	ENSG00000073331	45.4628923	0.18236104	0.28592593	0.36708071	0.59632206	ALPK1
3993	ENSG00000073350	199.795585	-0.51546255	0.17025788	0.00085567	0.00516474	LLGL2
5151	ENSG00000073417	738.250233	0.84272422	0.11606111	6.54E-14	1.63E-12	PDE8A
1183	ENSG00000073464	639.559848	-0.47130097	0.12345106	5.48E-05	0.00044339	CLCN4
54475	ENSG00000073536	747.340547	-0.34524892	0.11020249	0.00103298	0.0060739	NLE1
6389	ENSG00000073578	1355.97423	-0.09659195	0.07278058	0.17605874	0.37037488	SDHA
6605	ENSG00000073584	3699.44113	0.14256846	0.06916246	0.03625272	0.11649724	SMARCE1
54752	ENSG00000073598	1.29743315	-0.01435995	0.38049881	0.81092726	NA	FNDC8
55876	ENSG00000073605	238.875138	0.5361726	0.19483417	0.00190128	0.01023367	GSDMB
5927	ENSG00000073614	2009.0231	-0.25176124	0.09256331	0.00495143	0.02304394	KDM5A
4185	ENSG00000073670	418.359885	0.28689377	0.15320232	0.04070691	0.12700504	ADAM11
5523	ENSG00000073711	179.274606	0.4391798	0.18723487	0.00800359	0.03451983	PPP2R3A
10979	ENSG00000073712	1877.97123	0.56097801	0.07431959	1.52E-14	3.97E-13	FERMT2
8647	ENSG00000073734	0	NA	NA	NA	NA	ABCB11
10170	ENSG00000073737	0	NA	NA	NA	NA	DHRS9
922	ENSG00000073754	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CD5L
5743	ENSG00000073756	0	NA	NA	NA	NA	PTGS2
10644	ENSG00000073792	0	NA	NA	NA	NA	IGF2BP2
9175	ENSG00000073803	511.759872	-0.33816737	0.12025443	0.00296583	0.01499162	MAP3K13
6480	ENSG00000073849	140.890286	0.64256943	0.2031591	0.00037381	0.00249331	ST6GAL1
30009	ENSG00000073861	1.26305052	0.02098636	0.38053927	0.75775503	NA	TBX21
NA	ENSG00000073905	0	NA	NA	NA	NA	VDAC1P1
10129	ENSG00000073910	373.33258	-0.18895043	0.20823964	0.28007312	0.5047371	FRY
8301	ENSG00000073921	1436.81393	-0.24246886	0.08474634	0.0032651	0.01626735	PICALM
4905	ENSG00000073969	1366.77636	-0.34532797	0.07740862	5.01E-06	5.04E-05	NSF
2736	ENSG00000074047	277.999184	1.2503622	0.15891872	3.46E-16	1.02E-14	GLI2

23332	ENSG00000074054	3544.77656	0.32284316	0.06046341	6.18E-08	8.37E-07	CLASP1
65993	ENSG00000074071	1637.21856	-0.25484644	0.07787175	0.00081259	0.00493774	MRPS34
4854	ENSG00000074181	2481.23072	1.45190913	0.08066727	1.68E-73	2.92E-71	NOTCH3
1207	ENSG00000074201	2325.89733	-0.13897153	0.06648368	0.03327496	0.10890387	CLNS1A
5522	ENSG00000074211	444.271733	-2.12856204	0.13865017	2.29E-54	2.55E-52	PPP2R2C
8463	ENSG00000074219	1287.24791	1.39424614	0.0891584	3.80E-56	4.52E-54	TEAD2
8726	ENSG00000074266	436.573548	-0.05851712	0.11810353	0.60164142	0.79212726	EED
54825	ENSG00000074276	49.6391863	-0.26247841	0.30593026	0.21249082	0.42238326	CDHR2
6620	ENSG00000074317	67.656621	-2.19063754	0.33702745	5.64E-12	1.22E-10	SNCB
7251	ENSG00000074319	1242.34862	0.15018503	0.08848708	0.08093678	0.21334235	TSG101
55421	ENSG00000074356	1850.36482	-0.04345038	0.1175273	0.69666255	0.85365037	NCBP3
489	ENSG00000074370	239.15968	0.8435844	0.16518924	5.43E-08	7.42E-07	ATP2A3
771	ENSG00000074410	0.83239697	-0.0301577	0.3835933	0.5327641	NA	CA12
11343	ENSG00000074416	75.0840853	-0.02375429	0.26181164	0.89926753	0.95557174	MGLL
59277	ENSG00000074527	28.8331453	2.38497444	0.57428237	1.30E-06	1.45E-05	NTN4
617	ENSG00000074582	481.934813	-0.11848536	0.12420863	0.3120454	0.5397542	BCS1L
9891	ENSG00000074590	48.1388288	0.6722328	0.36714739	0.01128813	0.04583637	NUAK1
54878	ENSG00000074603	963.201603	0.03537743	0.13727773	0.78394914	0.90160286	DPP8
9187	ENSG00000074621	268.143267	0.12016184	0.18175113	0.45326336	0.67649496	SLC24A1
55205	ENSG00000074657	3692.12362	0.16604936	0.05911421	0.00446021	0.02115964	ZNF532
8578	ENSG00000074660	9.69827898	-0.10589967	0.36870791	0.46585575	0.68856963	SCARF1
3998	ENSG00000074695	2139.07164	-0.22384713	0.0748236	0.0021962	0.01160698	LMAN1
51495	ENSG00000074696	2715.21549	0.0046409	0.06154531	0.93974292	0.97474024	HACD3
26034	ENSG00000074706	27.4846939	3.54359854	0.65491169	4.26E-09	6.74E-08	IPCEF1
23140	ENSG00000074755	1502.84351	-0.08834347	0.08594216	0.29076088	0.51679428	ZZEF1
50508	ENSG00000074771	1.55151473	0.09327671	0.39636697	0.14786157	NA	NOX3
2023	ENSG00000074800	17178.491	-0.25343766	0.08214687	0.00150642	0.00841417	ENO1
6557	ENSG00000074803	10.9564616	-0.11717093	0.35262433	0.49125682	0.71060078	SLC12A1
56005	ENSG00000074842	1115.3621	0.23908568	0.07883224	0.00191688	0.01029474	MYDGF
57719	ENSG00000074855	1240.29879	0.30715859	0.08184349	0.00011973	0.00089304	ANO8
51175	ENSG00000074935	690.529284	0.63849911	0.12835693	1.76E-07	2.25E-06	TUBE1
55160	ENSG00000074964	987.489544	-0.2986516	0.10083981	0.00206595	0.01099527	ARHGEF10L
7294	ENSG00000074966	3.78628526	0.08072848	0.38067124	0.43875446	0.66399363	TXK
9671	ENSG00000075035	155.891237	-1.97640981	0.28035605	8.42E-14	2.08E-12	WSCD2
3785	ENSG00000075043	7240.76961	-0.02274764	0.06917506	0.73798802	0.8762752	KCNQ2
6865	ENSG00000075073	7.12316317	0.1915897	0.4125222	0.20945722	0.41777735	TACR2
64431	ENSG00000075089	566.469264	-0.20986239	0.11618482	0.05666652	0.16393463	ACTR6
54962	ENSG00000075131	270.040322	-0.13250811	0.15185082	0.34075913	0.57095356	TIPIN

6717	ENSG00000075142	1699.72706	0.22889989	0.09403053	0.01190287	0.04791093	SRI
8672	ENSG00000075151	2776.68063	-0.21149574	0.06430564	0.00082575	0.00500243	EIF4G3
79023	ENSG00000075188	370.647863	0.27955906	0.12594771	0.01849659	0.06829932	NUP37
10371	ENSG00000075213	154.477323	1.5185773	0.2289809	2.53E-12	5.62E-11	SEMA3A
51512	ENSG00000075218	1410.53912	-0.12328161	0.07694223	0.10137512	0.25181949	GTSE1
10512	ENSG00000075223	907.262539	0.09290556	0.09593762	0.31804683	0.54566319	SEMA3C
55020	ENSG00000075234	575.711211	-0.00054722	0.10101073	0.9929465	0.99767338	TTC38
38	ENSG00000075239	1173.50425	-0.10054524	0.09708007	0.28335143	0.50852034	ACAT1
23151	ENSG00000075240	1337.82184	-0.1468053	0.12141123	0.20101193	0.40615916	GRAMD4
9620	ENSG00000075275	71.5632308	4.08894336	1.19369178	7.34E-06	7.16E-05	CELSR1
7479	ENSG00000075290	21.0807219	-0.17533286	0.33676464	0.37250818	0.60143185	WNT8B
27332	ENSG00000075292	2433.10181	-0.12950361	0.0685878	0.05497761	0.1600992	ZNF638
55972	ENSG00000075303	705.024778	-0.21538904	0.12843021	0.07388242	0.19924252	SLC25A40
29090	ENSG00000075336	363.158909	-0.17282151	0.14026326	0.1839313	0.38247532	TIMM21
119	ENSG00000075340	2769.46776	-0.34335052	0.07414969	2.17E-06	2.33E-05	ADD2
2249	ENSG00000075388	0	NA	NA	NA	NA	FGF4
9462	ENSG00000075391	550.704963	0.23390412	0.11402048	0.03124548	0.10358167	RASAL2
9605	ENSG00000075399	241.980669	0.12609827	0.17237214	0.41311927	0.6403849	VPS9D1
7587	ENSG00000075407	1001.79985	0.16020353	0.13225615	0.19643233	0.40005705	ZNF37A
4140	ENSG00000075413	2186.18178	-0.01551579	0.06468496	0.80714571	0.91260538	MARK3
5250	ENSG00000075415	6442.49712	0.02074787	0.05208165	0.69983252	0.8552838	SLC25A3
64778	ENSG00000075420	486.739324	0.03448944	0.13504482	0.78614948	0.90280441	FNDC3B
2355	ENSG00000075426	80.9092892	0.08445769	0.22202711	0.6434075	0.82181194	FOSL2
27091	ENSG00000075429	256.058482	-1.48815794	0.23514118	1.86E-11	3.86E-10	CACNG5
27092	ENSG00000075461	18166.637	-0.31942555	0.04741632	1.08E-11	2.29E-10	CACNG4
285527	ENSG00000075539	1431.57412	-0.02126697	0.10916751	0.83758226	0.92628758	FRYL
23505	ENSG00000075568	1071.45224	0.13857269	0.10085696	0.15425616	0.3394719	TMEM131
6624	ENSG00000075618	18935.9928	0.06969678	0.05435745	0.19552902	0.39918663	FSCN1
60	ENSG00000075624	50261.31	0.16983742	0.06997571	0.01366748	0.05355773	ACTB
55034	ENSG00000075643	23.0655773	1.69896651	0.55453841	0.00013071	0.00096586	MOCOS
5337	ENSG00000075651	22.0722073	0.8956178	0.77795691	0.0130118	0.05146612	PLD1
479	ENSG00000075673	0	NA	NA	NA	NA	ATP12A
284403	ENSG00000075702	781.712185	-0.17906537	0.11316265	0.09665262	0.24306007	WDR62
1739	ENSG00000075711	1532.97204	-0.05567145	0.09017482	0.5255877	0.73806584	DLG1
7879	ENSG00000075785	3588.78967	0.06515804	0.06259843	0.28947583	0.51546747	RAB7A
55973	ENSG00000075790	444.416132	0.29273531	0.13985656	0.02435486	0.08534096	BCAP29
25956	ENSG00000075826	261.77276	0.39260061	0.17885572	0.01378334	0.05387341	SEC31B
9733	ENSG00000075856	2120.82438	0.06620814	0.08575728	0.42898057	0.65464	SART3

55843	ENSG00000075884	0	NA	NA	NA	NA	ARHGAP15
113457	ENSG00000075886	19.0218121	0.08192128	0.33350971	0.64048248	0.81992338	TUBA3D
5076	ENSG00000075891	1.92000503	-0.13335149	0.41626229	0.0343628	NA	PAX2
23016	ENSG00000075914	552.221214	-0.07200141	0.10864163	0.48826491	0.70797163	EXOSC7
22920	ENSG00000075945	1104.60573	0.15822256	0.09136446	0.074302	0.20010202	KIFAP3
23609	ENSG00000075975	966.837269	0.03247025	0.0843122	0.69370523	0.85183585	MKRN2
4175	ENSG00000076003	2505.62604	-0.50558122	0.08914171	5.63E-09	8.76E-08	MCM6
25996	ENSG00000076043	348.406837	0.3879349	0.13344889	0.00191568	0.01029165	REXO2
10179	ENSG00000076053	320.847963	-0.37024875	0.1457832	0.00596726	0.0270472	RBM7
5939	ENSG00000076067	619.270056	-0.16330586	0.11889846	0.14735283	0.32899843	RBMS2
11176	ENSG00000076108	3203.17803	0.08648435	0.08634163	0.30427195	0.53154043	BAZ2A
25930	ENSG00000076201	1474.71235	0.07836368	0.08157001	0.32579891	0.55398101	PTPN23
4292	ENSG00000076242	851.969506	-0.05534707	0.0956444	0.54956887	0.75607328	MLH1
7374	ENSG00000076248	1072.39085	-0.12228478	0.08052014	0.12019494	0.28547347	UNG
2329	ENSG00000076258	0.18922458	0.01954053	0.38488496	0.78225479	NA	FMO4
27252	ENSG00000076321	638.005901	-0.11793301	0.0986462	0.21525428	0.42582958	KLHL20
8786	ENSG00000076344	358.939169	0.9486891	0.16708937	1.83E-09	3.04E-08	RGS11
113235	ENSG00000076351	696.321209	-0.26243118	0.15537677	0.06393402	0.1796757	SLC46A1
5362	ENSG00000076356	2070.80976	-1.41962934	0.10198506	4.04E-45	3.53E-43	PLXNA2
10615	ENSG00000076382	2196.37902	-0.09150245	0.07775979	0.22860697	0.44392309	SPAG5
88455	ENSG00000076513	641.44528	0.35264031	0.10155928	0.00030691	0.00209033	ANKRD13A
7163	ENSG00000076554	1044.01618	0.00500821	0.12069489	0.9662185	0.98692619	TPD52
32	ENSG00000076555	851.620865	0.76483189	0.10996276	7.13E-13	1.64E-11	ACACB
9618	ENSG00000076604	2022.60776	0.21910183	0.08348153	0.00708536	0.03125247	TRAF4
55824	ENSG00000076641	172.216207	-0.391021	0.21476546	0.03127269	0.1036502	PAG1
55094	ENSG00000076650	219.543001	-0.25217671	0.15743271	0.07813875	0.20773003	GPATCH1
3385	ENSG00000076662	37.5273335	-0.06610111	0.28259955	0.73052933	0.87107559	ICAM3
22978	ENSG00000076685	1084.73191	-0.37842118	0.10363887	0.00014266	0.00104754	NT5C2
4162	ENSG00000076706	235.343177	-0.4275652	0.18388301	0.00866919	0.03686067	MCAM
2239	ENSG00000076716	78.9627384	3.94094723	0.36658253	6.19E-28	3.31E-26	GPC4
55796	ENSG00000076770	586.744092	0.18064885	0.11923961	0.11047518	0.26795865	MBNL3
57662	ENSG00000076826	523.632237	-0.2553772	0.15460442	0.07001275	0.19161995	CAMSAP3
5909	ENSG00000076864	700.363524	-1.73806408	0.118482	7.17E-50	7.08E-48	RAP1GAP
56949	ENSG00000076924	1267.14395	0.18761927	0.08592674	0.02496505	0.08707922	XAB2
9138	ENSG00000076928	2101.28243	0.22362009	0.08064465	0.00450237	0.02131401	ARHGEF1
100505585	ENSG00000076928	2101.28243	0.22362009	0.08064465	0.00450237	0.02131401	ARHGEF1
6813	ENSG00000076944	11.8922777	0.30283313	0.4640626	0.12121697	0.2874665	STXBP2
5609	ENSG00000076984	1164.67709	-0.10668704	0.08277333	0.18658322	0.38635899	MAP2K7

27231	ENSG00000077009	0.60792302	-0.03597367	0.38657565	0.43415757	NA	NMRK2
8527	ENSG00000077044	1594.05571	0.05057073	0.08287626	0.53262415	0.74391151	DGKD
83992	ENSG00000077063	0	NA	NA	NA	NA	CTTNBP2
51412	ENSG00000077080	643.565342	-2.18930644	0.1219224	2.46E-73	4.20E-71	ACTL6B
5915	ENSG00000077092	161.626982	0.65555693	0.20203689	0.00027774	0.00190602	RARB
7155	ENSG00000077097	6757.45083	-0.17475315	0.06013268	0.00321355	0.01602734	TOP2B
56889	ENSG00000077147	4213.0451	-0.28500209	0.07032898	3.68E-05	0.00031188	TM9SF3
4791	ENSG00000077150	360.903563	0.75460066	0.1312844	1.86E-09	3.09E-08	NFKB2
29089	ENSG00000077152	1276.1892	0.03064216	0.08315804	0.7067078	0.85864725	UBE2T
4660	ENSG00000077157	836.123297	0.00904179	0.24054857	0.96341784	0.98545957	PPP1R12B
54431	ENSG00000077232	1738.25832	0.12773393	0.10509367	0.20648373	0.41346761	DNAJC10
2975	ENSG00000077235	3262.3612	0.07542901	0.06472679	0.23700187	0.45395994	GTF3C1
3566	ENSG00000077238	5.5272736	5.40550262	2.88036782	0.00042423	0.0027916	IL4R
23032	ENSG00000077254	1651.26472	-0.08588671	0.09357266	0.34268936	0.57288144	USP33
5063	ENSG00000077264	919.732729	-0.85411805	0.08766927	3.45E-23	1.52E-21	PAK3
827	ENSG00000077274	56.892561	3.5506125	0.41096833	5.83E-19	2.07E-17	CAPN6
1641	ENSG00000077279	3161.74404	-0.27301667	0.06278061	9.99E-06	9.48E-05	DCX
6626	ENSG00000077312	1613.83028	0.12389856	0.07434452	0.08931896	0.22925243	SNRPA
9576	ENSG00000077327	88.8252869	1.21248141	0.30795011	6.96E-06	6.81E-05	SPAG6
56915	ENSG00000077348	517.538707	-0.03659178	0.10973917	0.72702171	0.86953012	EXOSC5
1781	ENSG00000077380	2289.45555	0.02159666	0.07297773	0.76406617	0.8914874	DYNC1I2
54518	ENSG00000077420	0	NA	NA	NA	NA	APBB1IP
4034	ENSG00000077454	1039.99916	0.28779446	0.12907708	0.01756394	0.06560027	LRCH4
143684	ENSG00000077458	687.767558	-0.23999535	0.11922103	0.03348918	0.10951287	FAM76B
51548	ENSG00000077463	514.400514	0.13489498	0.12336449	0.24788981	0.46697056	SIRT6
7299	ENSG00000077498	0.173733	0.01914545	0.38484597	0.78225479	NA	TYR
10714	ENSG00000077514	519.93999	-0.1365115	0.10849922	0.1886647	0.38926996	POLD3
88	ENSG00000077522	272.045988	-0.36308622	0.15048725	0.00864917	0.03678446	ACTN2
832	ENSG00000077549	1741.51636	-0.21600622	0.07198935	0.00220215	0.01162915	CAPZB
7107	ENSG00000077585	242.238945	0.65318835	0.16983326	2.95E-05	0.00025493	GPR137B
10003	ENSG00000077616	562.401555	0.13348401	0.10233741	0.17568156	0.36989516	NAALAD2
79960	ENSG00000077684	1270.35802	-0.21149273	0.10173913	0.03060273	0.10194058	JADE1
203427	ENSG00000077713	0.37844916	0.02407552	0.3854191	0.60038877	NA	SLC25A43
7319	ENSG00000077721	729.26511	0.1220651	0.09373714	0.17761164	0.37273271	UBE2A
2260	ENSG00000077782	1879.49088	0.26873517	0.10616124	0.00826729	0.03549512	FGFR1
8468	ENSG00000077800	1.24242796	0.06894829	0.39263599	0.14569156	NA	FKBP6
27127	ENSG00000077935	1.06616886	0.0030941	0.38073027	0.95600814	NA	SMC1B
2192	ENSG00000077942	5780.99085	0.04317929	0.08499428	0.60243727	0.79259054	FBLN1

8516	ENSG00000077943	0.34110933	0.02362652	0.3853534	0.62410613	NA	ITGA8
8530	ENSG00000077984	0.173733	0.01914545	0.38484597	0.78225479	NA	CST7
4133	ENSG00000078018	5136.61592	-0.61347118	0.06242053	2.66E-23	1.18E-21	MAP2
9063	ENSG00000078043	588.729109	-0.10011109	0.12780021	0.40527658	0.63362391	PIAS2
273	ENSG00000078053	0	NA	NA	NA	NA	AMPH
369	ENSG00000078061	606.455322	0.07548801	0.10268331	0.44591391	0.67028199	ARAF
56922	ENSG00000078070	454.191484	-0.09208508	0.14003431	0.47691364	0.69881585	MCCC1
27074	ENSG00000078081	13.245468	0.05880614	0.33863548	0.72660703	0.86948287	LAMP3
2191	ENSG00000078098	1.10744684	0.07128808	0.39266921	0.17137223	NA	FAP
10529	ENSG00000078114	2537.04756	-0.07944368	0.08757829	0.35073891	0.58113897	NEBL
55331	ENSG00000078124	514.028314	-0.2846236	0.13104752	0.02032113	0.07381383	ACER3
3093	ENSG00000078140	1778.81503	-0.16582709	0.10417356	0.09726133	0.24401427	UBE2K
5289	ENSG00000078142	1194.7034	-0.02469472	0.12169952	0.82941586	0.92261925	PIK3C3
55728	ENSG00000078177	1101.3846	-0.41418753	0.09455512	5.96E-06	5.92E-05	N4BP2
57103	ENSG00000078237	232.653526	-0.06188732	0.22455486	0.73297984	0.87261966	TIGAR
7289	ENSG00000078246	786.67814	0.40016795	0.09167665	6.74E-06	6.60E-05	TULP3
8871	ENSG00000078269	158.359626	1.05917566	0.21092023	5.86E-08	7.96E-07	SYNJ2
108	ENSG00000078295	0	NA	NA	NA	NA	ADCY2
5527	ENSG00000078304	2493.84733	0.15653753	0.07779306	0.03983831	0.12506204	PPP2R5C
NA	ENSG00000078319	699.171304	0.03458367	0.09907584	0.71872952	0.86509267	PMS2P1
54715	ENSG00000078328	0.80203412	-0.02961958	0.38288109	0.56594918	NA	RBFOX1
2782	ENSG00000078369	12219.6523	0.0624537	0.05863644	0.28397602	0.50913467	GNB1
3205	ENSG00000078399	0	NA	NA	NA	NA	HOXA9
1906	ENSG00000078401	2.54220909	0.04647573	0.37678438	0.61948858	NA	EDN1
8028	ENSG00000078403	1582.6614	0.0952548	0.09384298	0.29527872	0.52190021	MLLT10
55063	ENSG00000078487	41.7234678	0.1097128	0.27259945	0.57669641	0.77528586	ZCWPW1
117	ENSG00000078549	2292.49545	-1.65063655	0.06572329	2.62E-140	1.57E-137	ADCYAP1R1
26281	ENSG00000078579	0.77127108	0.03225086	0.38522181	0.47166203	NA	FGF20
27334	ENSG00000078589	0	NA	NA	NA	NA	P2RY10
9452	ENSG00000078596	59.6938139	1.29691767	0.34259439	1.24E-05	0.00011631	ITM2A
4898	ENSG00000078618	2411.00459	0.15615569	0.06820144	0.01990443	0.07267279	NRDC
7419	ENSG00000078668	1765.88737	-0.50631385	0.07554042	8.11E-12	1.74E-10	VDAC3
5108	ENSG00000078674	2799.05437	0.07605358	0.07744642	0.31636214	0.54437337	PCM1
57690	ENSG00000078687	1790.38907	-0.16814848	0.11983011	0.13603984	0.31101986	TNRC6C
9139	ENSG00000078699	4787.11665	0.62877777	0.05612697	1.15E-29	6.49E-28	CBFA2T2
1620	ENSG00000078725	216.106985	2.34063605	0.19180619	2.27E-35	1.56E-33	BRINP1
83737	ENSG00000078747	918.389391	0.05984644	0.10169163	0.54215352	0.75027258	ITCH
27039	ENSG00000078795	1.46869288	-0.03087296	0.38162923	0.6164219	NA	PKD2L2

58476	ENSG00000078804	518.154353	-0.38936012	0.11145554	0.00025216	0.00175355	TP53INP2
51150	ENSG00000078808	1966.46385	0.0196281	0.07065785	0.77815256	0.8983839	SDF4
57644	ENSG00000078814	21.4103056	0.94770837	0.60686882	0.00815893	0.03512109	MYH7B
80341	ENSG00000078898	0	NA	NA	NA	NA	BPIFB2
7161	ENSG00000078900	534.878948	-0.19471061	0.12876434	0.10697521	0.26192621	TP73
54472	ENSG00000078902	801.8087	0.10587504	0.11064094	0.3167548	0.54452953	TOLLIP
51619	ENSG00000078967	1151.28606	0.21963985	0.09109539	0.0129028	0.05115738	UBE2D4
27098	ENSG00000079101	31.3679018	2.69720218	0.56338284	6.38E-08	8.62E-07	CLUL1
862	ENSG00000079102	589.353149	-0.70642968	0.14335563	1.81E-07	2.31E-06	RUNX1T1
1015	ENSG00000079112	0.45740913	-0.00334167	0.38312944	0.92771444	NA	CDH17
9984	ENSG00000079134	746.444329	-0.0806105	0.10716005	0.43242282	0.65788827	THOC1
51661	ENSG00000079150	663.85192	0.81784993	0.12922794	4.46E-11	8.89E-10	FKBP7
114880	ENSG00000079156	175.298715	0.04991552	0.18293259	0.75730099	0.88697677	OSBPL6
6507	ENSG00000079215	0	NA	NA	NA	NA	SLC1A3
7520	ENSG00000079246	8350.29302	-0.13577782	0.0578084	0.01748525	0.06535558	XRCC5
56925	ENSG00000079257	0.18922458	0.01954053	0.38488496	0.78225479	NA	LXN
11262	ENSG00000079263	1.24279523	0.01529348	0.38130326	0.6299551	NA	SP140
8569	ENSG00000079277	310.418004	0.02816355	0.14165381	0.83178589	0.92385262	MKNK1
7145	ENSG00000079308	1462.03489	-0.20193114	0.1247585	0.08599722	0.22308902	TNS1
57455	ENSG00000079313	1030.26844	0.145774	0.09575377	0.11574729	0.27775826	REXO1
56681	ENSG00000079332	1944.59818	-0.10356389	0.07373402	0.15185085	0.33594122	SAR1A
8556	ENSG00000079335	118.710322	0.52279552	0.24626907	0.01030391	0.0424392	CDC14A
10411	ENSG00000079337	36.3832245	-0.67871792	0.44271584	0.01767728	0.06593667	RAPGEF3
634	ENSG00000079385	2.42857747	-0.0097113	0.37675014	0.89381225	NA	CEACAM1
29843	ENSG00000079387	683.237195	-0.06400163	0.12163103	0.57803803	0.77614203	SENPI
51207	ENSG00000079393	0.62731245	0.01407412	0.38259184	0.72482501	NA	DUSP13
23152	ENSG00000079432	2429.63256	-0.24014335	0.08357054	0.00316603	0.01583813	CIC
3991	ENSG00000079435	214.666859	-0.12650091	0.15471735	0.3703303	0.59943356	LIPE
2222	ENSG00000079459	2850.25893	-0.55452653	0.09761888	4.54E-09	7.18E-08	FDFT1
5050	ENSG00000079462	1341.33184	-0.16413434	0.0867012	0.05155794	0.15251371	PAFAH1B3
4983	ENSG00000079482	275.817692	0.5344764	0.15290433	0.00016034	0.00116397	OPHN1
173	ENSG00000079557	0	NA	NA	NA	NA	AFM
3835	ENSG00000079616	2178.55455	-0.04713842	0.07160641	0.50223985	0.71909062	KIF22
10590	ENSG00000079689	8.77935684	-2.00825417	1.15477614	0.00302021	0.01521609	SCGN
55604	ENSG00000079691	85.3424601	0.32891604	0.25638269	0.10242623	0.2538584	CARMIL1
5236	ENSG00000079739	1087.74346	0.08906982	0.08563398	0.28620842	0.51202661	PGM1
1653	ENSG00000079785	3293.11279	-0.13994437	0.06446957	0.02752993	0.09371891	DDX1
1785	ENSG00000079805	2426.82839	0.02088204	0.07992746	0.79107352	0.90490742	DNM2

2037	ENSG00000079819	0.67554771	-0.02885627	0.38405527	0.57775739	NA	EPB41L2
22999	ENSG00000079841	124.81114	0.1062661	0.20850917	0.5464226	0.75358156	RIMS1
26002	ENSG00000079931	0	NA	NA	NA	NA	MOXD1
8417	ENSG00000079950	225.452467	0.43489472	0.18154037	0.00716207	0.03150677	STX7
11158	ENSG00000079974	498.195792	0.2089764	0.11795001	0.0620339	0.17577159	RABL2B
9817	ENSG00000079999	1252.37091	0.21682747	0.09213742	0.01515693	0.0581426	KEAP1
55510	ENSG00000080007	0.18922458	0.01954053	0.38488496	0.78225479	NA	DDX43
5794	ENSG00000080031	47.6571095	-0.34682602	0.31178944	0.11365557	0.27365614	PTPRH
1638	ENSG00000080166	5.92361595	-0.12771682	0.38819822	0.31851905	0.54614276	DCT
51006	ENSG00000080189	1296.14199	0.10630464	0.0980157	0.26205075	0.48395112	SLC35C2
131544	ENSG00000080200	352.21187	-0.26034594	0.13832659	0.04295816	0.13257414	CRYBG3
285220	ENSG00000080224	56.4056413	-2.76518318	0.38410415	3.25E-14	8.34E-13	EPHA6
6344	ENSG00000080293	0	NA	NA	NA	NA	SCTR
5991	ENSG00000080298	864.558444	-0.16388767	0.09675555	0.07930394	0.21006544	RFX3
55183	ENSG00000080345	2312.72068	-0.44037994	0.0658535	1.07E-11	2.27E-10	RIF1
23011	ENSG00000080371	529.889392	-0.09361278	0.12567272	0.42942368	0.65511463	RAB21
8671	ENSG00000080493	0.16735865	0.01897177	0.38482933	0.78225479	NA	SLC4A4
6595	ENSG00000080503	1053.69307	0.27248052	0.10811907	0.00844374	0.03608096	SMARCA2
50700	ENSG00000080511	0	NA	NA	NA	NA	RDH8
27244	ENSG00000080546	418.588327	-0.23229148	0.12054032	0.04167028	0.1295219	SESN1
11043	ENSG00000080561	0.55147679	0.03287368	0.38623201	0.45234823	NA	MID2
139212	ENSG00000080572	0	NA	NA	NA	NA	DNAAF6
50509	ENSG00000080573	0.16735865	0.01897177	0.38482933	0.78225479	NA	COL5A3
10847	ENSG00000080603	3186.09515	-0.05947524	0.06209647	0.33198493	0.56118097	SRCAP
9933	ENSG00000080608	996.676611	-0.10524337	0.0930026	0.24003016	0.45803582	PUM3
1361	ENSG00000080618	0.92228698	-0.03223864	0.38469064	0.48158676	NA	CPB2
1136	ENSG00000080644	7049.76771	0.82187751	0.07652707	1.22E-27	6.41E-26	CHRNA3
3781	ENSG00000080709	0.173733	0.01914545	0.38484597	0.78225479	NA	KCNN2
4850	ENSG00000080802	545.951574	-0.16362509	0.11506563	0.13502554	0.30949318	CNOT4
5663	ENSG00000080815	1192.32766	0.10240808	0.10403662	0.30650528	0.53417645	PSEN1
1371	ENSG00000080819	410.717128	0.22872777	0.13412998	0.06809541	0.18779383	CPOX
56650	ENSG00000080822	1684.63004	0.19038915	0.08211437	0.01751315	0.06544753	CLDND1
5891	ENSG00000080823	67.6147588	0.25399641	0.29858256	0.22494867	0.43877008	MOK
3320	ENSG00000080824	25120.1884	-0.19853941	0.09193245	0.02578977	0.08920466	HSP90AA1
5933	ENSG00000080839	526.775021	-0.2570275	0.12186531	0.02530743	0.08793099	RBL1
22839	ENSG00000080845	1865.9736	-0.05540669	0.11382565	0.60830082	0.79713925	DLGAP4
22997	ENSG00000080854	4402.10165	-0.75769387	0.07778785	4.16E-23	1.81E-21	IGSF9B
3080	ENSG00000080910	0	NA	NA	NA	NA	CFHR2

114819	ENSG00000080947	503.971726	0.19003287	0.1798256	0.23195262	0.44861961	CROCCP3
10403	ENSG00000080986	638.009525	-0.32348612	0.11592788	0.00331322	0.01645002	NDC80
23431	ENSG00000081014	488.09659	-0.19489132	0.112105	0.06822358	0.18799387	AP4E1
54665	ENSG00000081019	556.967722	-0.22942456	0.11255098	0.03243666	0.10675902	RSBN1
260425	ENSG00000081026	1554.3248	-0.53945377	0.07876449	2.66E-12	5.88E-11	MAGI3
2920	ENSG00000081041	0	NA	NA	NA	NA	CXCL2
174	ENSG00000081051	0	NA	NA	NA	NA	AFP
1286	ENSG00000081052	3.65652751	-0.10834187	0.39460293	0.25898034	0.48036523	COL4A4
6932	ENSG00000081059	797.208293	-0.2680825	0.10978015	0.010518	0.0431597	TCF7
28962	ENSG00000081087	417.27755	-0.13340278	0.19792518	0.43031222	0.65586498	OSTM1
1005	ENSG00000081138	45.6243638	4.9569288	0.61771609	1.07E-17	3.47E-16	CDH7
50939	ENSG00000081148	5.90887707	0.00522066	0.36372828	0.9674209	0.98759962	IMPG2
57092	ENSG00000081154	2509.43919	0.01978192	0.07513815	0.78923518	0.90431711	PCNP
55218	ENSG00000081177	804.349149	-0.14184785	0.09029486	0.10544088	0.25896844	EXD2
384	ENSG00000081181	252.970692	-0.33826316	0.15567784	0.01733184	0.06491745	ARG2
4208	ENSG00000081189	247.561264	0.23461668	0.20946591	0.18457637	0.38333456	MEF2C
5788	ENSG00000081237	0.16735865	0.01897177	0.38482933	0.78225479	NA	PTPRC
779	ENSG00000081248	0	NA	NA	NA	NA	CACNA1S
5317	ENSG00000081277	0	NA	NA	NA	NA	PKP1
79876	ENSG00000081307	1065.22685	0.24557398	0.11144111	0.02094726	0.07555646	UBA5
9262	ENSG00000081320	169.208165	0.33861614	0.18842599	0.04035447	0.12622304	STK17B
8555	ENSG00000081377	801.278499	0.25055709	0.10266652	0.01114672	0.04534568	CDC14B
22869	ENSG00000081386	666.045287	0.05227552	0.13344377	0.67670597	0.84200981	ZNF510
4036	ENSG00000081479	2.58792426	0.14227898	0.41825569	0.06495332	0.1817081	LRP2
440515	ENSG00000081665	472.290723	0.08497955	0.12104678	0.45995315	0.68305646	ZNF506
65094	ENSG00000081692	489.802495	0.14226418	0.13642912	0.26448081	0.48671731	JMJD4
11266	ENSG00000081721	678.446028	-0.24576999	0.10556415	0.01512916	0.05806977	DUSP12
65985	ENSG00000081760	704.80536	-0.27928121	0.1062056	0.00602977	0.02726934	AACS
9812	ENSG00000081791	1421.86673	-0.2494726	0.07762892	0.00100602	0.00593855	DELE1
6561	ENSG00000081800	0	NA	NA	NA	NA	SLC13A1
93664	ENSG00000081803	0.173733	0.01914545	0.38484597	0.78225479	NA	CADPS2
56131	ENSG00000081818	278.346152	-3.00E-05	0.13276381	0.999822	0.9998748	PCDHB4
56142	ENSG00000081842	18.6621312	-0.03417761	0.32811157	0.84138627	0.92792546	PCDHA6
56113	ENSG00000081853	52.6094057	0.75923831	0.36181455	0.00519168	0.02397645	PCDHGA2
51668	ENSG00000081870	279.254414	-0.21377245	0.14749743	0.11513552	0.27658176	HSPB11
23239	ENSG00000081913	409.395282	-0.24122038	0.1246671	0.03997269	0.12529119	PHLPP1
5205	ENSG00000081923	7.40309601	0.13639975	0.40510001	0.16304546	0.35199367	ATP8B1
3595	ENSG00000081985	45.1877555	1.27012951	0.41661734	0.00016648	0.00120498	IL12RB2

6604	ENSG00000082014	575.290538	-0.02952218	0.12635476	0.80349602	0.91070264	SMARCD3
55100	ENSG00000082068	469.181568	0.23486136	0.14398027	0.07791935	0.20733904	WDR70
2533	ENSG00000082074	0	NA	NA	NA	NA	FYB1
58538	ENSG00000082126	1.34301837	0.02962375	0.38170127	0.62989356	NA	MPP4
55437	ENSG00000082146	508.289317	0.13605217	0.11383237	0.21048511	0.41915333	STRADB
9689	ENSG00000082153	3990.84623	-0.0548112	0.07231591	0.43771237	0.66286646	BZW1
5241	ENSG00000082175	0	NA	NA	NA	NA	PGR
114899	ENSG00000082196	209.15886	0.53552496	0.16833458	0.00048333	0.00313377	C1QTNF3
4200	ENSG00000082212	1440.67991	-0.18890954	0.08901653	0.02880376	0.09722126	ME2
55322	ENSG00000082213	604.553271	-0.24557449	0.10288056	0.01293906	0.05127042	C5orf22
905	ENSG00000082258	1404.67279	0.04949446	0.08183289	0.53646728	0.74722766	CCNT2
57579	ENSG00000082269	328.020699	0.07968105	0.1414794	0.54535192	0.75298369	FAM135A
1310	ENSG00000082293	81.5442538	2.80002626	0.38800121	1.65E-14	4.30E-13	COL19A1
23136	ENSG00000082397	0	NA	NA	NA	NA	EPB41L3
22837	ENSG00000082438	326.903072	0.52391199	0.1578409	0.00031508	0.0021408	COBLL1
1741	ENSG00000082458	449.765009	-1.47425535	0.12933759	3.40E-31	2.01E-29	DLG3
3776	ENSG00000082482	0	NA	NA	NA	NA	KCNK2
56256	ENSG00000082497	763.452034	-0.65707097	0.12867925	7.86E-08	1.05E-06	SERTAD4
7188	ENSG00000082512	1638.54081	-0.00516736	0.08024672	0.9450322	0.97756908	TRAF5
29093	ENSG00000082515	294.923405	-0.03232947	0.1507322	0.81454099	0.91592004	MRPL22
25929	ENSG00000082516	854.085247	-0.12935363	0.09353208	0.15313909	0.33796213	GEMIN5
4986	ENSG00000082556	0	NA	NA	NA	NA	OPRK1
4779	ENSG00000082641	5667.90997	0.04121511	0.0565866	0.46205601	0.68509014	NFE2L1
54437	ENSG00000082684	1279.01962	-0.46788737	0.08768236	4.12E-08	5.72E-07	SEMA5B
2932	ENSG00000082701	2076.62309	-0.14365364	0.07146395	0.04043591	0.12641796	GSK3B
3693	ENSG00000082781	1671.85588	0.22189114	0.07837996	0.00378613	0.01841552	ITGB5
23085	ENSG00000082805	1740.43733	-0.58247199	0.07548129	3.78E-15	1.05E-13	ERC1
7514	ENSG00000082898	5673.41673	-0.26252171	0.0702656	0.00014047	0.00103258	XPO1
10141	ENSG00000082929	0.29863895	-0.02292439	0.3852726	0.68753245	NA	LINC01587
11342	ENSG00000082996	503.586278	0.21332566	0.11525004	0.05201021	0.15357681	RNF13
80036	ENSG00000083067	4.00900217	4.87082168	2.83506314	0.00081999	0.0049751	TRPM3
79728	ENSG00000083093	346.145041	-0.06334658	0.1463259	0.63838651	0.81803815	PALB2
23033	ENSG00000083097	655.911158	-0.51083227	0.12773803	2.34E-05	0.00020686	DOPIA
57226	ENSG00000083099	852.076074	-0.65358358	0.09655651	3.36E-12	7.38E-11	LYRM2
594	ENSG00000083123	348.438715	-0.21807654	0.16088785	0.13414232	0.30838745	BCKDHB
7994	ENSG00000083168	2154.61674	-0.08330947	0.0700963	0.22625898	0.44057103	KAT6A
79670	ENSG00000083223	498.187992	0.07463454	0.13202721	0.54782825	0.75451702	TUT7
9706	ENSG00000083290	1214.47221	0.37485306	0.10253046	0.00014366	0.00105371	ULK2

79977	ENSG00000083307	0.5354285	-0.00914583	0.38315739	0.81662091	NA	GRHL2
3842	ENSG00000083312	5626.70964	-0.11189409	0.07089791	0.10789372	0.26339503	TNPO1
5351	ENSG00000083444	1927.75691	0.03111174	0.08731331	0.71514519	0.86271551	PLOD1
5026	ENSG00000083454	317.697229	-0.95750805	0.16155271	4.11E-10	7.40E-09	P2RX5
3682	ENSG00000083457	270.595236	-0.19663141	0.13662331	0.1222365	0.289124	ITGAE
22894	ENSG00000083520	1848.81286	-0.2368772	0.08486132	0.0041164	0.01975552	DIS3
10464	ENSG00000083535	469.502811	-0.17344043	0.11662558	0.11713086	0.28025522	PIBF1
81550	ENSG00000083544	459.795588	0.12000892	0.12126528	0.29708842	0.52379226	TDRD3
NA	ENSG00000083622	0	NA	NA	NA	NA	
26747	ENSG00000083635	255.086292	0.16770507	0.14144857	0.20176748	0.40724024	NUFIP1
23047	ENSG00000083642	1517.6978	-0.39401974	0.07406635	5.61E-08	7.64E-07	PDS5B
5019	ENSG00000083720	1128.10279	-0.50311109	0.11336129	3.47E-06	3.58E-05	OXCT1
10325	ENSG00000083750	188.42205	0.58620843	0.18833955	0.00051579	0.00331605	RRAGB
1833	ENSG00000083782	0	NA	NA	NA	NA	EPYC
1540	ENSG00000083799	563.786108	-0.23355095	0.12445764	0.04647415	0.14072758	CYLD
10998	ENSG00000083807	170.04239	0.0683144	0.16503208	0.64769515	0.82431548	SLC27A5
25799	ENSG00000083812	476.338641	-0.17398083	0.14887128	0.20290426	0.40881694	ZNF324
79891	ENSG00000083814	14.2852517	0.12233633	0.35194739	0.48124528	0.70210356	ZNF671
55659	ENSG00000083817	115.820474	-0.20125252	0.20790517	0.25166434	0.47149344	ZNF416
54807	ENSG00000083828	172.94107	-0.17311683	0.18747149	0.28953475	0.51546747	ZNF586
55663	ENSG00000083838	261.480314	0.25917266	0.16981876	0.08862683	0.22782537	ZNF446
9422	ENSG00000083844	486.379679	-0.12460212	0.12672632	0.29587153	0.52252903	ZNF264
6193	ENSG00000083845	15854.2456	-0.04577609	0.05546423	0.40610254	0.63436535	RPS5
2195	ENSG00000083857	1771.01747	1.72740459	0.09048784	1.83E-82	3.86E-80	FAT1
91746	ENSG00000083896	1736.17635	0.02446692	0.09391292	0.78730234	0.90331242	YTHDC1
25978	ENSG00000083937	263.397775	0.37757904	0.14508582	0.00493233	0.02298202	CHMP2B
64744	ENSG00000084070	635.478969	-0.42599494	0.10880815	4.32E-05	0.00035934	SMAP2
10450	ENSG00000084072	1160.49366	0.06989032	0.08299831	0.38882221	0.61802858	PPIE
10269	ENSG00000084073	850.716367	-0.36130665	0.08850086	2.61E-05	0.00022851	ZMPSTE24
56910	ENSG00000084090	2638.14275	-0.16961556	0.06673621	0.00978402	0.04078904	STARD7
84273	ENSG00000084092	657.002129	-0.13118182	0.108375	0.20612564	0.41317248	NOA1
5978	ENSG00000084093	800.435824	-0.25466073	0.09575514	0.00580242	0.02639156	REST
3034	ENSG00000084110	12.162019	-0.18229654	0.38625731	0.28421776	0.50933794	HAL
54434	ENSG00000084112	1538.75157	0.01240383	0.09974622	0.898687	0.95556135	SSH1
2950	ENSG00000084207	6206.73674	0.31534029	0.05783491	3.36E-08	4.72E-07	GSTP1
334	ENSG00000084234	6175.65934	-0.02922233	0.06139102	0.62906829	0.81212356	APLP2
57613	ENSG00000084444	515.551532	-0.00088818	0.1093887	0.99235064	0.99756121	FAM234B
6579	ENSG00000084453	138.595779	0.18515138	0.25222516	0.34150354	0.57180671	SLCO1A2

51729	ENSG00000084463	1974.44436	-0.32039033	0.07955085	3.71E-05	0.00031408	WBP11
8668	ENSG00000084623	4455.56933	-0.03696552	0.06413426	0.55824622	0.76291851	EIF3I
79570	ENSG00000084628	1234.45822	0.09797057	0.07634075	0.19053737	0.39185876	NKAIN1
1307	ENSG00000084636	471.420813	-0.2949289	0.11599641	0.00742426	0.0324658	COL16A1
200081	ENSG00000084652	2160.20057	-0.279337	0.06509402	1.32E-05	0.00012298	TXLNA
338	ENSG00000084674	4.04695161	-0.02723176	0.36707948	0.80912095	0.91334153	APOB
8648	ENSG00000084676	961.968592	-0.21271437	0.08991455	0.01469442	0.05669726	NCOA1
60509	ENSG00000084693	1469.09927	0.13740134	0.07554343	0.06348446	0.17888533	AGBL5
22979	ENSG00000084710	1160.29873	-0.39541749	0.09044721	6.57E-06	6.45E-05	EFR3B
3797	ENSG00000084731	3470.40989	-0.33990971	0.06035672	1.12E-08	1.69E-07	KIF3C
10890	ENSG00000084733	3181.88843	-0.09888916	0.07969838	0.20604638	0.41316859	RAB10
2646	ENSG00000084734	2.2499202	0.0223147	0.37776887	0.77212347	NA	GCKR
3030	ENSG00000084754	4644.78744	-0.02777482	0.05481614	0.60729944	0.79664586	HADHA
22924	ENSG00000084764	684.706263	-0.15900224	0.09668022	0.08849211	0.22759703	MAPRE3
790	ENSG00000084774	3639.97359	0.16431739	0.06246512	0.00784813	0.0339749	CAD
966	ENSG00000085063	984.944389	-0.029412	0.08528553	0.72153334	0.86709971	CD59
3732	ENSG00000085117	40.3095565	-0.5014664	0.41737	0.04944658	0.14780908	CD82
63035	ENSG00000085185	971.220055	0.22921545	0.10416107	0.02197263	0.07856136	BCORL1
546	ENSG00000085224	4998.95273	-0.18314058	0.05817525	0.00142616	0.00802923	ATRX
102157402	ENSG00000085231	273.776398	0.10736242	0.13708336	0.40203562	0.63031025	AK6
2219	ENSG00000085265	0	NA	NA	NA	NA	FCN1
55892	ENSG00000085274	443.365488	-0.17307768	0.14243728	0.18921753	0.39003384	MYNN
2122	ENSG00000085276	32.8931136	4.07656085	0.67742002	5.43E-11	1.07E-09	MECOM
9522	ENSG00000085365	1430.19138	-0.24454246	0.08017304	0.00177314	0.00965665	SCAMP1
5550	ENSG00000085377	1521.75335	-0.17649159	0.08596517	0.03479301	0.11282988	PREP
57531	ENSG00000085382	583.866131	0.23682528	0.13017514	0.05236844	0.15426725	HACE1
81929	ENSG00000085415	898.982913	-0.43044714	0.09088332	1.06E-06	1.19E-05	SEH1L
22911	ENSG00000085433	611.312439	-0.24469343	0.12000568	0.03084473	0.10243712	WDR47
57590	ENSG00000085449	664.04579	-0.00236385	0.10352723	0.98016041	0.99338199	WDFY1
5016	ENSG00000085465	15.2975615	0.1196481	0.33964961	0.51074684	0.72599857	OVGP1
29957	ENSG00000085491	1076.07664	-0.421638	0.08164155	1.21E-07	1.58E-06	SLC25A24
4216	ENSG00000085511	850.332774	0.13197148	0.13633239	0.30023426	0.52737031	MAP3K4
29992	ENSG00000085514	16.3042177	0.11022157	0.33308097	0.54823534	0.75480124	PILRA
57549	ENSG00000085552	1534.70774	0.34545067	0.07095198	7.00E-07	8.13E-06	IGSF9
5243	ENSG00000085563	2454.71962	0.08340459	0.0718108	0.23726933	0.45434065	ABCB1
7760	ENSG00000085644	606.866627	-0.10390282	0.10730134	0.31139665	0.53905904	ZNF213
231	ENSG00000085662	4142.19936	-0.34541958	0.05752157	1.19E-09	2.04E-08	AKR1B1
8895	ENSG00000085719	1549.56186	-0.14290837	0.08031632	0.06840063	0.18835094	CPNE3

54700	ENSG00000085721	1365.23432	-0.29742955	0.0793234	0.00012272	0.00091257	RRN3
2017	ENSG00000085733	3524.39453	0.18839411	0.05684029	0.00079693	0.00485749	CTTN
7481	ENSG00000085741	5.41149357	-0.19271736	0.43567528	0.10177579	0.25256182	WNT11
4528	ENSG00000085760	602.838139	-0.14262301	0.11682881	0.19876205	0.40314524	MTIF2
23259	ENSG00000085788	1510.02005	-0.09844865	0.11023018	0.34957865	0.58004855	DDHD2
22996	ENSG00000085831	86.0557512	-0.26378789	0.22501575	0.15410922	0.33936549	TTC39A
2060	ENSG00000085832	1015.83795	-0.07162453	0.11488803	0.51239474	0.7276095	EPS15
4998	ENSG00000085840	472.291088	-0.29384023	0.11117969	0.00559555	0.02559734	ORC1
4258	ENSG00000085871	69.7098674	-0.36088754	0.26839586	0.0815353	0.21429626	MGST2
10523	ENSG00000085872	2679.80005	0.04117322	0.06267374	0.50592445	0.72177288	CHERP
55054	ENSG00000085978	602.603366	-0.10892833	0.12626202	0.3595241	0.58949503	ATG16L1
55230	ENSG00000085982	827.004033	-0.03480821	0.1171201	0.75390252	0.88515954	USP40
55624	ENSG00000085998	1766.26498	0.36485848	0.07792542	1.67E-06	1.82E-05	POMGNT1
8438	ENSG00000085999	612.526345	-0.14409842	0.12059126	0.20736085	0.41455455	RAD54L
23139	ENSG00000086015	2003.31035	0.47862151	0.06668975	3.14E-13	7.38E-12	MAST2
3301	ENSG00000086061	5298.95016	0.20781663	0.09363867	0.02194003	0.07847309	DNAJA1
2683	ENSG00000086062	388.750327	0.01656741	0.12308255	0.88801805	0.95125955	B4GALT1
51510	ENSG00000086065	1335.23668	0.02418787	0.07732308	0.75058494	0.8826224	CHMP5
4799	ENSG00000086102	1075.74348	-0.07042269	0.08333669	0.38590764	0.61510241	NFX1
363	ENSG00000086159	31.3864409	0.18873974	0.34102104	0.3403152	0.57056767	AQP6
27292	ENSG00000086189	536.010387	0.01353794	0.12037739	0.90640991	0.95930719	DIMT1
51194	ENSG00000086200	433.875499	-0.11365276	0.13581775	0.36941753	0.59883728	IPO11
2346	ENSG00000086205	0	NA	NA	NA	NA	FOLH1
27102	ENSG00000086232	5631.45315	-0.02152883	0.06396853	0.73204244	0.87198139	EIF2AK1
51314	ENSG00000086288	0	NA	NA	NA	NA	NME8
54749	ENSG00000086289	575.703309	0.09657654	0.12713806	0.42119594	0.64719079	EPDR1
29887	ENSG00000086300	125.639958	-0.02620305	0.18157804	0.86883167	0.94277075	SNX10
22929	ENSG00000086475	2162.05107	-0.14820912	0.06854158	0.02779316	0.0944206	SEPHS1
10573	ENSG00000086504	1277.5272	0.00760246	0.08636215	0.92979643	0.97064482	MRPL28
3049	ENSG00000086506	71.0494068	-0.10666134	0.2470302	0.57457091	0.77361067	HBQ1
80271	ENSG00000086544	216.868175	0.29227458	0.17495445	0.06079677	0.17313162	ITPKC
4680	ENSG00000086548	0	NA	NA	NA	NA	CEACAM6
2196	ENSG00000086570	14.842522	-0.03808087	0.33531069	0.81662183	0.9166503	FAT2
55696	ENSG00000086589	925.489025	0.0397977	0.09021578	0.65059175	0.82544657	RBM22
10959	ENSG00000086598	2902.04922	0.23236965	0.08381075	0.00443041	0.02104325	TMED2
56605	ENSG00000086619	227.530237	0.65495023	0.17062442	3.07E-05	0.00026309	ERO1B
54469	ENSG00000086666	836.09206	-0.01891679	0.10223552	0.84714496	0.93052693	ZFAND6
3294	ENSG00000086696	0.34746601	0.02370763	0.3853651	0.61987128	NA	HSD17B2

55787	ENSG00000086712	978.934849	-0.17173471	0.08558148	0.03924133	0.12375585	TXLNG
5475	ENSG00000086717	214.183415	-1.74975928	0.20354871	5.72E-19	2.03E-17	PPEF1
7462	ENSG00000086730	50.731378	0.18519258	0.29594916	0.36186581	0.59157216	LAT2
10075	ENSG00000086758	8390.39368	-0.26702594	0.04996654	6.83E-08	9.21E-07	HUWE1
9183	ENSG00000086827	433.534013	-0.18065865	0.12860887	0.13480285	0.3092967	ZW10
79796	ENSG00000086848	691.929871	0.13933033	0.13014374	0.25533023	0.47623877	ALG9
4606	ENSG00000086967	0.89929436	0.05171731	0.38894682	0.25054435	NA	MYBPC2
50507	ENSG00000086991	71.3050622	0.05209877	0.22798853	0.77806055	0.8983839	NOX4
8310	ENSG00000087008	321.623377	-0.0146588	0.13698651	0.90753949	0.95963244	ACOX3
8898	ENSG00000087053	1477.53023	-0.26690221	0.08730334	0.00166331	0.00916671	MTMR2
23645	ENSG00000087074	621.30701	0.49552052	0.11952887	1.34E-05	0.00012497	PPP1R15A
51171	ENSG00000087076	128.244982	0.11888325	0.19427607	0.47956726	0.70069817	HSD17B14
7205	ENSG00000087077	27.3375461	0.1595089	0.32612701	0.41632264	0.64306408	TRIP6
43	ENSG00000087085	123.954051	-0.7519899	0.21846327	0.00010591	0.00080078	ACHE
2512	ENSG00000087086	5105.78808	0.43133249	0.05306311	2.14E-16	6.39E-15	FTL
51593	ENSG00000087087	3654.33241	0.14513001	0.06930474	0.03319171	0.10866725	SRRT
581	ENSG00000087088	794.340287	-0.02145147	0.09484352	0.8146973	0.91594007	BAX
51701	ENSG00000087095	265.879484	0.11127649	0.14238342	0.40044702	0.62894783	NLK
94005	ENSG00000087111	1338.64353	-0.55301809	0.10216546	2.10E-08	3.04E-07	PIGS
9509	ENSG00000087116	614.015409	-1.47985948	0.13623661	1.36E-28	7.47E-27	ADAMTS2
28983	ENSG00000087128	0	NA	NA	NA	NA	TMPRSS11E
56970	ENSG00000087152	1851.85181	-0.01591556	0.07162858	0.82110305	0.91847813	ATXN7L3
9489	ENSG00000087157	1323.87768	0.05798718	0.07540195	0.43329619	0.65859161	PGS1
5705	ENSG00000087191	3586.81115	-0.23740415	0.06185593	9.85E-05	0.00075201	PSMC5
51720	ENSG00000087206	504.011171	-0.26234222	0.13995207	0.04221342	0.13092298	UIMC1
1071	ENSG00000087237	0	NA	NA	NA	NA	CETP
4313	ENSG00000087245	6978.22328	-0.38171849	0.06110345	2.40E-10	4.43E-09	MMP2
4504	ENSG00000087250	0	NA	NA	NA	NA	MT3
54947	ENSG00000087253	498.680355	0.43678651	0.13871134	0.00074336	0.00456317	LPCAT2
2775	ENSG00000087258	2169.49554	-1.63680153	0.09553669	6.01E-67	9.10E-65	GNAO1
55239	ENSG00000087263	999.136572	0.09029332	0.0810341	0.25449911	0.47504585	OGFOD1
6452	ENSG00000087266	1797.49054	0.11927499	0.08011588	0.1278244	0.29835718	SH3BP2
8602	ENSG00000087269	925.482786	-0.2109677	0.09085242	0.01618691	0.06138156	NOP14
118	ENSG00000087274	4172.13359	0.04514035	0.06298106	0.4691574	0.69153662	ADD1
79944	ENSG00000087299	355.779458	0.01911054	0.12551028	0.87349224	0.94441388	L2HGDH
57544	ENSG00000087301	444.500836	0.03102149	0.14433154	0.81714597	0.91675019	TXNDC16
51637	ENSG00000087302	1756.3891	0.0289054	0.07958161	0.71149979	0.86137148	RTRAF
22795	ENSG00000087303	58.8277439	2.05492782	0.35643806	5.64E-10	1.01E-08	NID2

64395	ENSG00000087338	1098.0844	0.48753959	0.08280475	1.64E-09	2.75E-08	GMCL1
10992	ENSG00000087365	5512.09834	0.11756938	0.06285933	0.05789482	0.16678281	SF3B2
57542	ENSG00000087448	1643.83626	-0.27203176	0.07381417	0.00016743	0.00121091	KLHL42
2778	ENSG00000087460	41601.9251	0.00100361	0.06049793	0.98493264	0.99473578	GNAS
10059	ENSG00000087470	2136.16883	-0.13390945	0.06769858	0.0442528	0.13549004	DNM1L
5744	ENSG00000087494	1.78906957	0.1167159	0.40584882	0.09508355	NA	PTHLH
116154	ENSG00000087495	312.836105	-1.42525727	0.14723545	3.25E-23	1.43E-21	PHACTR3
51290	ENSG00000087502	392.151196	-0.52411503	0.14442963	9.89E-05	0.00075342	ERGIC2
7022	ENSG00000087510	0.16735865	0.01897177	0.38482933	0.78225479	NA	TFAP2C
6790	ENSG00000087586	765.992854	-0.21661423	0.1097582	0.03866306	0.122321	AURKA
57091	ENSG00000087589	0.48848646	0.010387	0.3833355	0.7981203	NA	CASS4
8544	ENSG00000087842	956.575602	-0.42027642	0.08615633	5.35E-07	6.35E-06	PIR
28971	ENSG00000087884	174.636586	0.49036324	0.18535272	0.00301368	0.0151909	AAMDC
5990	ENSG00000087903	228.849215	0.49578343	0.22168877	0.00859801	0.03661397	RFX2
339175	ENSG00000087995	929.95825	0.00476228	0.08971049	0.95796523	0.98268084	METTL2A
6820	ENSG00000088002	5.59979227	0.11821099	0.38732451	0.33507036	0.56494141	SULT2B1
29929	ENSG00000088035	239.639626	0.0894508	0.17118169	0.56036802	0.76415299	ALG6
4849	ENSG00000088038	1429.35919	0.18526915	0.09208203	0.03794946	0.12067829	CNOT3
51206	ENSG00000088053	0.51932689	-0.00272327	0.38299064	0.95315258	NA	GP6
5775	ENSG00000088179	682.707459	-0.02507769	0.16067291	0.85675315	0.93605226	PTPN4
8886	ENSG00000088205	3125.40916	-0.07282003	0.06982515	0.28901083	0.5149506	DDX18
8570	ENSG00000088247	5761.37154	-0.08600469	0.06234709	0.16194509	0.35042673	KHSRP
2767	ENSG00000088256	1871.40091	0.0774946	0.07781724	0.30953485	0.53735494	GNA11
55616	ENSG00000088280	505.216931	0.67241763	0.11629878	1.86E-09	3.08E-08	ASAP3
55741	ENSG00000088298	293.008307	0.35152248	0.14464679	0.00863682	0.03676346	EDEM2
111089941	ENSG00000088298	293.008307	0.35152248	0.14464679	0.00863682	0.03676346	EDEM2
1789	ENSG00000088305	406.318402	-0.08846948	0.11914287	0.43376533	0.65909763	DNMT3B
28954	ENSG00000088320	0.14931947	-0.01844332	0.38480212	0.84537521	NA	REM1
22974	ENSG00000088325	3194.07264	-0.21749756	0.0596917	0.00022107	0.00155479	TPX2
NA	ENSG00000088340	129.454837	1.15207406	0.25251269	5.01E-07	5.98E-06	FER1L4
81572	ENSG00000088356	413.61161	0.09268897	0.11694017	0.40570976	0.63390153	PDRG1
2036	ENSG00000088367	926.172462	-0.45141995	0.10988528	1.77E-05	0.00016089	EPB41L1
6564	ENSG00000088386	0	NA	NA	NA	NA	SLC15A1
23348	ENSG00000088387	1046.6666	-0.19220153	0.09880254	0.04351394	0.13376459	DOCK9
55608	ENSG00000088448	1667.3584	0.28815312	0.08418	0.00043887	0.00288031	ANKRD10
23483	ENSG00000088451	195.488779	-0.13159781	0.16886006	0.38452757	0.61356176	TGDS
1795	ENSG00000088538	7.8122382	0.01009596	0.35344413	0.94497249	0.97756908	DOCK3
51161	ENSG00000088543	642.735177	0.27395049	0.10224506	0.00531508	0.02450642	C3orf18

57017	ENSG00000088682	1073.38576	-0.04053269	0.08247239	0.61533974	0.80264813	COQ9
55287	ENSG00000088726	0	NA	NA	NA	NA	TMEM40
64147	ENSG00000088727	103.877597	0.06334891	0.21344823	0.72283513	0.86755463	KIF9
79822	ENSG00000088756	288.663618	1.16864547	0.14909602	5.01E-16	1.46E-14	ARHGAP28
54675	ENSG00000088766	537.53324	-0.25426736	0.1255741	0.0315222	0.10433774	CRLS1
140850	ENSG00000088782	0	NA	NA	NA	NA	DEFB127
23368	ENSG00000088808	556.152033	-0.13708538	0.12369883	0.23906976	0.45681827	PPP1R13B
8455	ENSG00000088812	1642.12496	0.03335161	0.07150133	0.63657426	0.81722218	ATRN
54498	ENSG00000088826	178.981102	0.54800388	0.18108658	0.00078469	0.00479467	SMOX
6614	ENSG00000088827	0.34051795	-0.00034736	0.38336263	0.96854535	NA	SIGLEC1
2280	ENSG00000088832	2655.48901	-0.29193314	0.07698399	0.00010472	0.00079333	FKBP1A
55968	ENSG00000088833	968.605552	0.06386157	0.10245236	0.51856212	0.73226139	NSFL1C
83959	ENSG00000088836	98.4035764	2.18656012	0.27903146	2.91E-16	8.60E-15	SLC4A11
25943	ENSG00000088854	835.019877	0.01274983	0.09487916	0.89040722	0.95232275	C20orf194
79175	ENSG00000088876	572.224343	-0.03644166	0.10678167	0.72156332	0.86709971	ZNF343
57593	ENSG00000088881	782.379161	0.26507356	0.09308599	0.00326815	0.01627514	EBF4
56265	ENSG00000088882	3532.5501	0.33963799	0.06068597	1.38E-08	2.05E-07	CPXM1
57506	ENSG00000088888	1911.32898	-0.23058027	0.06889909	0.00065566	0.00407911	MAVS
9762	ENSG00000088899	318.876858	-0.07727193	0.13447073	0.53869723	0.74837075	LZTS3
2160	ENSG00000088926	0.16735865	0.01897177	0.38482933	0.78225479	NA	F11
22803	ENSG00000088930	3186.24784	0.06333829	0.0698617	0.35738072	0.58754007	XRN2
55857	ENSG00000088970	556.649078	1.01718959	0.13423322	4.63E-15	1.27E-13	KIZ
8655	ENSG00000088986	2812.2686	-0.08043118	0.05981179	0.17304467	0.36578929	DYNLL1
54997	ENSG00000088992	32.2182841	1.92141159	0.51006847	9.57E-06	9.11E-05	TESC
27131	ENSG00000089006	1226.14358	-0.16004606	0.0842588	0.0509731	0.15127992	SNX5
6128	ENSG00000089009	23054.4307	-0.0434937	0.04576921	0.34648396	0.57723082	RPL6
55423	ENSG00000089012	0	NA	NA	NA	NA	SIRPG
8550	ENSG00000089022	1108.31483	0.20359477	0.11483394	0.06353298	0.17894581	MAPKAPK5
5027	ENSG00000089041	256.761114	-0.45597234	0.17392509	0.00339687	0.01681903	P2RX7
51575	ENSG00000089048	483.250392	-0.20105124	0.11158522	0.05882987	0.16858119	ESF1
10741	ENSG00000089050	580.024441	0.07698703	0.10444132	0.44412294	0.66905081	RBBP9
51433	ENSG00000089053	2365.73494	-0.0254029	0.07211347	0.71917381	0.86548638	ANAPC5
9962	ENSG00000089057	1123.90037	-0.18169358	0.08819317	0.03404738	0.11097421	SLC23A2
80024	ENSG00000089060	178.546697	0.72833534	0.24071	0.00045883	0.00299643	SLC8B1
29058	ENSG00000089063	1547.98995	-0.29387426	0.07393583	4.92E-05	0.00040306	TMEM230
55184	ENSG00000089091	162.845613	0.08363785	0.17505757	0.59230422	0.78672529	DZANK1
84678	ENSG00000089094	1186.94249	-0.02878862	0.09249679	0.74749637	0.88138554	KDM2B
26074	ENSG00000089101	3.29145081	0.10213872	0.39056912	0.30667213	0.53422766	CFAP61

64211	ENSG00000089116	0	NA	NA	NA	NA	LHX5
55617	ENSG00000089123	126.779518	0.13764462	0.19476525	0.41410183	0.64130672	TASP1
4938	ENSG00000089127	212.59035	-1.74912899	0.19692173	5.04E-20	1.88E-18	OAS1
10985	ENSG00000089154	7411.65121	0.21477917	0.07239911	0.00250057	0.01297707	GCN1
6175	ENSG00000089157	40712.737	-0.07057619	0.05653006	0.20606367	0.41316859	RPLP0
5829	ENSG00000089159	670.104165	0.2697192	0.10537764	0.00761419	0.0331284	PXN
23409	ENSG00000089163	25.3447074	-0.01111555	0.29935894	0.95106951	0.97996464	SIRT4
22895	ENSG00000089169	1071.94886	-3.05957045	0.1213583	9.02E-142	5.77E-139	RPH3A
55614	ENSG00000089177	747.760016	-0.44427696	0.11782252	7.27E-05	0.00057444	KIF16B
51605	ENSG00000089195	981.730704	0.20214985	0.08476444	0.01441832	0.05579472	TRMT6
1114	ENSG00000089199	5625.73052	0.27673948	0.07076962	6.73E-05	0.00053594	CHGB
5037	ENSG00000089220	3721.24647	-0.2340627	0.06231905	0.00013816	0.00101823	PEBP1
6910	ENSG00000089225	0	NA	NA	NA	NA	TBX5
8315	ENSG00000089234	518.119431	-0.09912172	0.11450745	0.36087727	0.59075159	BRAP
10961	ENSG00000089248	1870.97819	0.0773408	0.07153601	0.27142027	0.49480244	ERP29
4842	ENSG00000089250	140.733007	-1.90049167	0.27360653	1.89E-13	4.54E-12	NOS1
2521	ENSG00000089280	14969.4256	0.14797503	0.04697924	0.00150275	0.00839611	FUS
3476	ENSG00000089289	636.136294	-0.00679048	0.10731014	0.94581968	0.97800919	IGBP1
53827	ENSG00000089327	0	NA	NA	NA	NA	FXVD5
55900	ENSG00000089335	855.04795	-0.18568558	0.08822628	0.03022391	0.1009669	ZNF302
57655	ENSG00000089351	3250.26322	0.11380878	0.06049266	0.05674474	0.16411308	GRAMD1A
5349	ENSG00000089356	0.18922458	0.01954053	0.38488496	0.78225479	NA	FXVD3
9843	ENSG00000089472	6.32793369	0.059961	0.36052813	0.66780322	0.83659884	HEPH
29965	ENSG00000089486	615.144653	0.07588738	0.11201798	0.47923053	0.70061045	CDIP1
113540	ENSG00000089505	56.897814	0.15913566	0.25711234	0.4165973	0.64309452	CMTM1
23415	ENSG00000089558	80.5122893	-1.60477771	0.31129636	1.89E-08	2.75E-07	KCNH4
23193	ENSG00000089597	8233.84381	0.01914051	0.05391904	0.72051805	0.86657845	GANAB
51291	ENSG00000089639	775.105438	-0.3819732	0.10870874	0.00023988	0.00167285	GMIP
55285	ENSG00000089682	451.715148	0.10662316	0.13224513	0.39062574	0.62000118	RBM41
332	ENSG00000089685	2067.14692	-1.04473598	0.07452286	1.55E-45	1.37E-43	BIRC5
3902	ENSG00000089692	53.4228807	0.97926948	0.35407469	0.00059116	0.00373523	LAG3
8079	ENSG00000089693	3255.91609	0.07314495	0.05830181	0.20455286	0.4113032	MLF2
78990	ENSG00000089723	176.896046	0.04353749	0.16826758	0.77475554	0.89613481	OTUB2
57062	ENSG00000089737	2594.17559	-0.12730391	0.08277484	0.11465033	0.27560769	DDX24
7597	ENSG00000089775	409.052314	0.00255983	0.12390209	0.98400741	0.99453916	ZBTB25
25977	ENSG00000089818	714.241359	-0.51897032	0.10251233	1.54E-07	1.99E-06	NECAP1
393	ENSG00000089820	333.492218	0.33738432	0.14130537	0.01007611	0.04167381	ARHGAP4
170961	ENSG00000089847	12.211461	0.16837814	0.38069998	0.31964791	0.54727882	ANKRD24

55760	ENSG00000089876	477.568162	0.11221772	0.1162449	0.31096678	0.53866926	DHX32
23186	ENSG00000089902	948.939739	-0.14931142	0.08827711	0.08157778	0.21430178	RCOR1
55668	ENSG00000089916	1683.15683	0.1186947	0.07632323	0.11260659	0.27179011	GPATCH2L
8425	ENSG00000090006	1527.54642	0.45143951	0.09474603	8.63E-07	9.90E-06	LTBP4
645	ENSG00000090013	111.480064	1.07736196	0.25591091	2.81E-06	2.94E-05	BLVRB
6548	ENSG00000090020	266.901297	0.50268638	0.14563307	0.00020998	0.00148625	SLC9A1
10558	ENSG00000090054	906.221936	0.15417434	0.09553435	0.09540946	0.2407381	SPTLC1
10914	ENSG00000090060	3272.7309	-0.37142165	0.07005448	6.32E-08	8.55E-07	PAPOLA
8812	ENSG00000090061	761.032017	0.11006048	0.09663261	0.23927786	0.4571163	CCNK
57060	ENSG00000090097	3758.7523	0.0501793	0.06545251	0.43758265	0.66277119	PCBP4
5996	ENSG00000090104	0	NA	NA	NA	NA	RGS1
83719	ENSG00000090238	665.245305	-0.05258131	0.09962057	0.58394554	0.78020525	YPEL3
51650	ENSG00000090263	793.241511	-0.43679379	0.13493663	0.00054822	0.0034928	MRPS33
4708	ENSG00000090266	1329.31158	-0.03931201	0.07388361	0.58688845	0.78237765	NDUFB2
10726	ENSG00000090273	2181.45501	-0.00282518	0.07921303	0.97194544	0.98950111	NUDC
10296	ENSG00000090316	1570.85396	0.19680097	0.07219623	0.00547617	0.02514982	MAEA
3383	ENSG00000090339	0.66256418	0.02385211	0.38420072	0.58205561	NA	ICAM1
29888	ENSG00000090372	3835.65729	-0.01079498	0.06610003	0.86670713	0.94134063	STRN4
11213	ENSG00000090376	0.34110234	0.02362647	0.38535339	0.62410984	NA	IRAK3
4069	ENSG00000090382	0	NA	NA	NA	NA	LYZ
6476	ENSG00000090402	0	NA	NA	NA	NA	SI
79594	ENSG00000090432	510.562816	-0.12642945	0.11757566	0.25765933	0.47887326	MUL1
7023	ENSG00000090447	454.055317	0.34959935	0.13471825	0.00547506	0.02514982	TFAP4
10081	ENSG00000090470	685.320365	-0.22834922	0.09797252	0.01559398	0.05950848	PDCD7
51324	ENSG00000090487	1118.73488	-0.1758986	0.08127895	0.02657591	0.0913173	SPG21
26998	ENSG00000090512	0	NA	NA	NA	NA	FETUB
51726	ENSG00000090520	1583.9047	0.47559125	0.09685865	3.88E-07	4.71E-06	DNAJB11
55214	ENSG00000090530	1.2916023	-0.0017475	0.38121454	0.8540625	NA	P3H2
7066	ENSG00000090534	1.10774217	0.07660367	0.39435724	0.13775798	NA	THPO
8646	ENSG00000090539	24.9656752	1.35893396	0.56633113	0.00095343	0.00568221	CHRD
2323	ENSG00000090554	43.9032883	0.55338768	0.36619003	0.02872717	0.0970608	FLT3LG
9727	ENSG00000090565	1188.34521	0.20744834	0.11453468	0.05725361	0.16524755	RAB11FIP3
84572	ENSG00000090581	491.754742	0.24459933	0.11817242	0.02917024	0.09819645	GNPTG
10795	ENSG00000090612	591.847496	0.03080516	0.1087108	0.76853227	0.89330656	ZNF268
2802	ENSG00000090615	1642.62887	0.21365904	0.12442882	0.0689279	0.18930364	GOLGA3
8761	ENSG00000090621	3684.76772	-0.27512049	0.06738357	3.25E-05	0.00027804	PABPC4
30835	ENSG00000090659	0	NA	NA	NA	NA	CD209
79603	ENSG00000090661	334.078864	0.07195313	0.13804571	0.57724514	0.77565483	CERS4

57192	ENSG00000090674	479.109799	-0.0144912	0.1087472	0.88868954	0.95146564	MCOLN1
84196	ENSG00000090686	1988.4707	-0.19514855	0.07306243	0.00642377	0.02873028	USP48
1947	ENSG00000090776	436.352276	-0.23336968	0.11349803	0.03083398	0.10243712	EFNB1
55066	ENSG00000090857	1789.50866	-0.13758886	0.07473202	0.06015382	0.17157157	PDPR
16	ENSG00000090861	3338.22466	0.29283711	0.10449669	0.00351118	0.01731586	AARS1
2734	ENSG00000090863	3148.31885	-0.09404446	0.06742586	0.15597427	0.34213777	GLG1
24137	ENSG00000090889	1829.23689	-0.25520748	0.07984699	0.00104879	0.00615074	KIF4A
27327	ENSG00000090905	2861.2442	-0.09234472	0.08109404	0.24256933	0.46079811	TNRC6A
64857	ENSG00000090924	1617.49529	0.33086411	0.08834692	0.00011519	0.00086261	PLEKHG2
10683	ENSG00000090932	429.672711	1.14360104	0.13802042	1.30E-17	4.17E-16	DLL3
57106	ENSG00000090971	1049.88408	-0.11538073	0.09778516	0.22149515	0.43427846	NAT14
57605	ENSG00000090975	166.372564	-0.39597839	0.19150467	0.01823755	0.0674558	PITPNM2
55763	ENSG00000090989	848.63933	-0.14851791	0.10623197	0.14409975	0.32391367	EXOC1
54439	ENSG00000091009	829.769488	-0.10726314	0.10334622	0.2801695	0.50481908	RBM27
5459	ENSG00000091010	2.62351936	-0.01430628	0.37029266	0.88693064	0.95029993	POU4F3
114882	ENSG00000091039	1534.0969	0.19269783	0.07841872	0.01196865	0.04814639	OSBPL8
113878	ENSG00000091073	256.989896	0.35919057	0.18276373	0.02628559	0.09050816	DTX2
58484	ENSG00000091106	32.1608099	0.14835626	0.3079529	0.45606792	0.67958359	NLRC4
54517	ENSG00000091127	1002.55452	-0.2306384	0.10684704	0.02414558	0.08477229	PUS7
22798	ENSG00000091128	10.2512443	-0.32701741	0.50086456	0.09037644	0.23142341	LAMB4
4897	ENSG00000091129	6493.24926	-1.99646402	0.08442248	7.81E-125	3.44E-122	NRCAM
3912	ENSG00000091136	14987.1866	0.75139309	0.05029786	4.27E-51	4.35E-49	LAMB1
5172	ENSG00000091137	5.1145725	0.21780831	0.45722653	0.07344828	0.19834008	SLC26A4
1811	ENSG00000091138	0.37844916	0.02407552	0.3854191	0.60038877	NA	SLC26A3
1738	ENSG00000091140	1663.97534	-0.04376771	0.08406105	0.59292734	0.78702605	DLD
23335	ENSG00000091157	446.67366	-0.11896795	0.17365523	0.44034544	0.66517856	WDR7
9352	ENSG00000091164	1188.57673	-0.29355905	0.08409204	0.0003352	0.00226201	TXNL1
3568	ENSG00000091181	0.63841587	-0.02095331	0.38316251	0.66869642	NA	IL5RA
368	ENSG00000091262	44.1111167	0.3967814	0.37482331	0.09243266	0.23508014	ABCC6
54918	ENSG00000091317	964.764331	0.37576237	0.08613673	7.02E-06	6.87E-05	CMTM6
3655	ENSG00000091409	192.625525	1.86427439	0.58886618	7.09E-05	0.0005627	ITGA6
11069	ENSG00000091428	170.274274	0.65522603	0.24362141	0.00156125	0.00868383	RAPGEF4
51776	ENSG00000091436	774.19022	0.05788964	0.09125991	0.51416237	0.72921448	MAP3K20
23676	ENSG00000091482	0	NA	NA	NA	NA	SMPX
2271	ENSG00000091483	1549.31018	-0.02510788	0.07708248	0.73835891	0.87630444	FH
23231	ENSG00000091490	43.2495412	1.79026968	0.42052847	1.27E-06	1.41E-05	SEL1L3
7018	ENSG00000091513	26.1923303	0.20102578	0.45770739	0.0250472	0.08728903	TF
55573	ENSG00000091527	1945.0432	-0.22562937	0.07103587	0.0012063	0.00695729	CDV3

51168	ENSG00000091536	27.9750333	0.83686252	0.51158222	0.00960516	0.04013614	MYO15A
54890	ENSG00000091542	1735.90924	-0.15853793	0.08982866	0.06898013	0.18942086	ALKBH5
350	ENSG00000091583	0	NA	NA	NA	NA	APOH
22861	ENSG00000091592	1.77586445	0.11350373	0.40444609	0.10090946	NA	NLRP1
83394	ENSG00000091622	36.8650558	0.44633637	0.40162163	0.07008531	0.19173917	PITPNM3
9552	ENSG00000091640	587.151087	0.11750386	0.10264857	0.23462363	0.45154068	SPAG7
23594	ENSG00000091651	950.7034	-0.09610486	0.08972347	0.26999466	0.49316601	ORC6
79776	ENSG00000091656	1563.46446	-0.02857941	0.08195196	0.73191264	0.87198139	ZFHX4
57084	ENSG00000091664	0.16735865	0.01897177	0.38482933	0.78225479	NA	SLC17A6
1357	ENSG00000091704	14.1017182	0.6266389	0.75661373	0.02965602	0.09943814	CPA1
51530	ENSG00000091732	633.289733	-0.17937239	0.10054557	0.0638562	0.17957577	ZC3HC1
2099	ENSG00000091831	18.5037785	0.2911797	0.39474055	0.17452117	0.36815523	ESR1
26575	ENSG00000091844	349.762772	-0.3581964	0.13759351	0.00519993	0.024009	RGS17
285	ENSG00000091879	67.8093508	-0.35483489	0.2778292	0.09146504	0.23347687	ANGPT2
84336	ENSG00000091947	534.521006	0.1307369	0.12505628	0.26877988	0.49166446	TMEM101
4345	ENSG00000091972	687.163003	-0.46531438	0.10209812	2.25E-06	2.40E-05	CD200
151887	ENSG00000091986	76.4805366	3.46260159	0.40925717	5.26E-19	1.87E-17	CCDC80
1215	ENSG00000092009	0	NA	NA	NA	NA	CMA1
5720	ENSG00000092010	793.83941	0.36556298	0.0968028	9.21E-05	0.00070708	PSME1
55012	ENSG00000092020	538.378713	-0.38361536	0.10930196	0.00024277	0.00169124	PPP2R3C
54930	ENSG00000092036	416.39747	-0.01999413	0.11885279	0.85866677	0.93701934	HAUS4
84502	ENSG00000092051	2702.28621	-0.43125257	0.06523243	1.86E-11	3.85E-10	JPH4
4625	ENSG00000092054	0.32287603	0.00126362	0.38336747	0.96898071	NA	MYH7
1053	ENSG00000092067	0	NA	NA	NA	NA	CEBPE
23428	ENSG00000092068	0.3166136	0.00100275	0.38336578	0.96824525	NA	SLC7A8
55644	ENSG00000092094	499.028617	0.25397545	0.11744582	0.0227228	0.08067651	OSGEP
51310	ENSG00000092096	1778.18585	-0.43842057	0.07837681	1.06E-08	1.60E-07	SLC22A17
55072	ENSG00000092098	720.75231	0.08809168	0.12938112	0.46994468	0.6922856	RNF31
23256	ENSG00000092108	748.224877	0.08282654	0.10481445	0.41187139	0.63975013	SCFD1
55632	ENSG00000092140	968.74083	-0.03956686	0.09546937	0.66797254	0.83666483	G2E3
25831	ENSG00000092148	2591.27713	-0.64798975	0.06381678	8.64E-25	4.08E-23	HECTD1
3183	ENSG00000092199	11014.2619	-0.09963954	0.06110795	0.09615897	0.24213656	HNRNPC
57096	ENSG00000092200	2.63070417	-0.05873686	0.37950679	0.51362568	0.7287659	RPGRIP1
11198	ENSG00000092201	7276.36198	-0.0295347	0.0624724	0.63105687	0.81347335	SUPT16H
9878	ENSG00000092203	1057.17034	0.06422321	0.09116887	0.4716618	0.69399066	TOX4
8487	ENSG00000092208	115.849789	-0.00495777	0.19376964	0.97508275	0.99122005	GEMIN2
7051	ENSG00000092295	33.5015326	0.14758414	0.30532463	0.45744796	0.68095495	TGM1
26277	ENSG00000092330	466.848439	-0.10363706	0.10962417	0.32297729	0.55059885	TINF2

1618	ENSG00000092345	0	NA	NA	NA	NA	DAZL
90665	ENSG00000092377	0	NA	NA	NA	NA	TBL1Y
57556	ENSG00000092421	1171.52357	-0.46057391	0.11978958	5.18E-05	0.00042165	SEMA6A
54822	ENSG00000092439	1265.38404	-0.23542562	0.08171705	0.00312638	0.01569119	TRPM7
7301	ENSG00000092445	424.876839	0.06265595	0.1163143	0.57249568	0.7723153	TYRO3
79968	ENSG00000092470	650.524751	-0.1878856	0.1103499	0.0745274	0.20049133	WDR76
825	ENSG00000092529	15.4555439	0.46866759	0.68790857	0.04034462	0.1262121	CAPN3
8773	ENSG00000092531	495.807452	0.64912411	0.11678426	7.19E-09	1.10E-07	SNAP23
6913	ENSG00000092607	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TBX15
26227	ENSG00000092621	4086.67925	0.85138955	0.07962237	1.98E-27	1.03E-25	PHGDH
1299	ENSG00000092758	70.858305	-0.28619266	0.27103074	0.16069379	0.34866195	COL9A3
7430	ENSG00000092820	2743.48916	0.07803575	0.06481975	0.22211066	0.43522721	EZR
4637	ENSG00000092841	4772.63191	0.04641563	0.05538374	0.39810042	0.62724844	MYL6
26523	ENSG00000092847	2047.05102	0.03486225	0.07398533	0.63162872	0.81371846	AGO1
27285	ENSG00000092850	72.8770416	0.06206171	0.22873361	0.73655026	0.87514416	TEKT2
63967	ENSG00000092853	1087.73625	-0.65679253	0.09684133	3.07E-12	6.76E-11	CLSPN
117584	ENSG00000092871	521.912729	0.22736374	0.13491029	0.07108569	0.19367482	RFFL
201294	ENSG00000092929	356.330608	-1.76517643	0.16750575	3.68E-27	1.89E-25	UNC13D
79157	ENSG00000092931	807.711602	0.28995077	0.11083672	0.00613593	0.02763606	MFS11
1808	ENSG00000092964	4779.91862	-0.58152674	0.07284491	4.60E-16	1.35E-14	DPYSL2
7042	ENSG00000092969	14.002785	0.26578975	0.42725108	0.16748983	0.35846798	TGFB2
55105	ENSG00000092978	568.216099	0.04256986	0.1129478	0.69419824	0.85201936	GPATCH2
10762	ENSG00000093000	1980.3701	-0.22198268	0.0733059	0.00199642	0.01068674	NUP50
8318	ENSG00000093009	900.409443	-0.17186463	0.10213995	0.08009923	0.21143808	CDC45
1312	ENSG00000093010	1057.19898	0.47674041	0.09838428	5.36E-07	6.36E-06	COMT
51816	ENSG00000093072	9.6846022	-0.18877255	0.39062628	0.27229743	0.49567676	ADA2
NA	ENSG00000093100	163.634445	-0.12134119	0.23506504	0.51506191	0.72955207	
55350	ENSG00000093134	0	NA	NA	NA	NA	VNN3
55862	ENSG00000093144	776.460611	-0.27690046	0.09645216	0.00289192	0.01465533	ECHDC1
9209	ENSG00000093167	605.529277	0.12209088	0.09955073	0.20397409	0.41051388	LRRFIP2
9117	ENSG00000093183	1382.1905	0.04808656	0.07827336	0.53089155	0.74257279	SEC22C
9942	ENSG00000093217	229.93413	-0.47812695	0.21969274	0.0103026	0.0424392	XYLB
10013	ENSG00000094631	1245.49974	0.05337202	0.11768906	0.63471669	0.81607019	HDAC6
126370	ENSG00000094661	0	NA	NA	NA	NA	OR11I
2568	ENSG00000094755	110.219282	0.06604363	0.20512813	0.70503455	0.85803894	GABRP
3881	ENSG00000094796	0	NA	NA	NA	NA	KRT31
990	ENSG00000094804	846.565189	-0.48393745	0.11485509	1.02E-05	9.64E-05	CDC6
139596	ENSG00000094841	192.018553	-0.04766275	0.15798443	0.73968891	0.8770894	UPRT

8697	ENSG00000094880	920.611814	-0.04289107	0.08508878	0.60461652	0.79477849	CDC23
8086	ENSG00000094914	1036.5045	0.23213276	0.08209296	0.0037419	0.01824509	AAAS
23468	ENSG00000094916	9974.70667	-0.13839723	0.06426474	0.02842603	0.09620819	CBX5
2327	ENSG00000094963	0	NA	NA	NA	NA	FMO2
51430	ENSG00000094975	1373.43903	-0.12096665	0.07543331	0.10109103	0.25133408	SUCO
4436	ENSG00000095002	2573.33608	-0.26043326	0.0732353	0.00028934	0.00197948	MSH2
4214	ENSG00000095015	2670.12307	-0.71082041	0.06763362	1.78E-26	8.93E-25	MAP3K1
1725	ENSG00000095059	2468.49078	-0.03513253	0.06350773	0.57225137	0.77229217	DHPS
29911	ENSG00000095066	670.072858	0.06319937	0.10982946	0.54838634	0.75487303	HOOK2
120400	ENSG00000095110	0	NA	NA	NA	NA	NXPE1
372	ENSG00000095139	2894.08521	-0.00950174	0.06177007	0.87549476	0.94503896	ARCN1
54566	ENSG00000095203	46.1052914	-2.14508194	0.39226232	2.99E-09	4.80E-08	EPB41L4B
55151	ENSG00000095209	192.072592	0.05138836	0.19996665	0.76572372	0.89233237	TMEM38B
5711	ENSG00000095261	673.283447	-0.24275783	0.11127202	0.02212582	0.07897159	PSMD5
5742	ENSG00000095303	16.9372067	0.51004696	0.56753505	0.05147257	0.15239282	PTGS1
23511	ENSG00000095319	2446.77666	-0.09503987	0.07911783	0.21903075	0.43093714	NUP188
1384	ENSG00000095321	535.742726	-0.04594193	0.11109091	0.6649009	0.83454529	CRAT
10044	ENSG00000095370	164.229618	-1.58642517	0.24646804	7.97E-12	1.71E-10	SH2D3C
54187	ENSG00000095380	407.364721	0.07540513	0.13195325	0.54345169	0.75149877	NANS
55357	ENSG00000095383	74.4247461	0.4589695	0.26969581	0.03083486	0.10243712	TBC1D2
25861	ENSG00000095397	104.435008	2.26640351	0.27284818	6.64E-18	2.17E-16	WHRN
5146	ENSG00000095464	4.81283863	-0.05747665	0.37155572	0.6047519	0.79485112	PDE6C
55280	ENSG00000095485	359.224066	-0.09914006	0.15956878	0.49292825	0.71202899	CWF19L1
57715	ENSG00000095539	549.379703	-0.10869713	0.11541388	0.32239947	0.54994458	SEMA4G
9044	ENSG00000095564	1469.66099	0.01131357	0.08708291	0.89405647	0.95417323	BTAF1
64376	ENSG00000095574	360.291723	0.04056864	0.1483713	0.76797362	0.89311821	IKZF5
29760	ENSG00000095585	0.31867469	0.00156311	0.38337037	0.96210221	NA	BLNK
7093	ENSG00000095587	5.02055481	-0.11774277	0.39017127	0.31279924	0.54072254	TLL2
1592	ENSG00000095596	0.50207596	0.02562368	0.38565771	0.52549886	NA	CYP26A1
56165	ENSG00000095627	0	NA	NA	NA	NA	TDRD1
10580	ENSG00000095637	305.003757	-0.68558363	0.14441044	4.78E-07	5.72E-06	SORBS1
55118	ENSG00000095713	132.551187	-2.42599133	0.27494674	6.23E-20	2.32E-18	CRTAC1
25805	ENSG00000095739	483.244301	-1.08634559	0.13363861	5.15E-17	1.59E-15	BAMBI
3589	ENSG00000095752	34.5656142	0.45248024	0.41581489	0.06754108	0.18665906	IL11
53904	ENSG00000095777	0	NA	NA	NA	NA	MYO3A
51322	ENSG00000095787	3804.55374	-0.31051109	0.06236024	4.34E-07	5.23E-06	WAC
1390	ENSG00000095794	251.929157	0.35784684	0.15094631	0.00991631	0.04119337	CREM
10101	ENSG00000095906	1793.3488	0.18495115	0.06796377	0.00567449	0.02589278	NUBP2

23430	ENSG00000095917	0	NA	NA	NA	NA	TPSD1
284422	ENSG00000095932	2.83971159	-0.09934323	0.39119734	0.2958088	0.52251089	SMIM24
3096	ENSG00000095951	485.158986	0.01020434	0.1766054	0.94959545	0.97920861	HIVEP1
54209	ENSG00000095970	0	NA	NA	NA	NA	TREM2
83795	ENSG00000095981	0	NA	NA	NA	NA	KCNK16
10321	ENSG00000096006	0	NA	NA	NA	NA	CRISP3
2289	ENSG00000096060	968.347764	-0.22920421	0.08491958	0.00553308	0.0253642	FKBP5
6732	ENSG00000096063	2074.28861	-0.33431567	0.07108426	1.63E-06	1.77E-05	SRPK1
27154	ENSG00000096070	1236.45199	0.03661019	0.08066407	0.64309577	0.82167827	BRPF3
55168	ENSG00000096080	435.718723	-0.03632647	0.12230578	0.75312635	0.88456232	MRPS18A
5225	ENSG00000096088	0.46899274	-0.02782639	0.38571851	0.56951037	NA	PGC
28978	ENSG00000096092	513.571968	-0.54872324	0.11925522	1.43E-06	1.58E-05	TMEM14A
114327	ENSG00000096093	539.60449	0.06848033	0.16580268	0.64799663	0.82447067	EFHC1
9436	ENSG00000096264	0	NA	NA	NA	NA	NCR2
3326	ENSG00000096384	29152.3147	-0.39548922	0.05691936	2.08E-12	4.66E-11	HSP90AB1
4295	ENSG00000096395	0	NA	NA	NA	NA	MLN
988	ENSG00000096401	1506.9979	-0.00703306	0.0716254	0.91628762	0.96446211	CDC5L
3710	ENSG00000096433	375.09028	1.7064069	0.14978606	3.71E-31	2.19E-29	ITPR3
7738	ENSG00000096654	259.463075	-0.08954598	0.14256488	0.49768658	0.71556647	ZNF184
1832	ENSG00000096696	0.173733	0.01914545	0.38484597	0.78225479	NA	DSP
23411	ENSG00000096717	700.088915	-0.48433516	0.11623247	1.25E-05	0.00011678	SIRT1
3189	ENSG00000096746	4600.5292	0.05252582	0.07469731	0.474264	0.69642496	HNRNPH3
80173	ENSG00000096872	251.576402	0.08183111	0.15988263	0.57438462	0.77352065	IFT74
3717	ENSG00000096968	165.563735	-0.04217816	0.18261622	0.79159287	0.90499209	JAK2
3594	ENSG00000096996	0	NA	NA	NA	NA	IL12RB1
25	ENSG00000097007	3583.37804	0.00653297	0.06154443	0.91501702	0.96403708	ABL1
11332	ENSG00000097021	2336.35937	-0.61337625	0.08269012	3.51E-14	8.97E-13	ACOT7
51100	ENSG00000097033	1003.80807	-0.31409238	0.08262862	9.57E-05	0.00073257	SH3GLB1
8317	ENSG00000097046	545.141267	-0.51714659	0.12413006	1.13E-05	0.0001064	CDC7
84144	ENSG00000097096	0.173124	-0.01911262	0.38486262	0.84537521	NA	SYDE2
5125	ENSG00000099139	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PCSK5
6319	ENSG00000099194	12027.7078	-0.76889773	0.07370918	3.26E-26	1.62E-24	SCD
11018	ENSG00000099203	350.096729	0.16209693	0.14184979	0.21782665	0.42963324	TMED1
3983	ENSG00000099204	3149.29661	-0.17917573	0.06539728	0.00537202	0.02474022	ABLM1
79956	ENSG00000099219	321.64598	0.29287379	0.13227624	0.01804643	0.06707403	ERMP1
22931	ENSG00000099246	930.216463	-0.15658336	0.12173878	0.17351102	0.36653625	RAB18
8829	ENSG00000099250	20.2095275	-0.06329453	0.33040047	0.71377919	0.86192204	NRP1
158160	ENSG00000099251	69.1685925	0.34424025	0.26036504	0.0909034	0.23256267	HSD17B7P2

56952	ENSG00000099256	104.19057	1.88235376	0.2833998	1.68E-12	3.76E-11	PRTFDC1
54873	ENSG00000099260	4.67014941	0.34438888	0.61776113	0.01905433	0.07005893	PALMD
23555	ENSG00000099282	304.580378	-0.11996644	0.12822989	0.31979679	0.54738747	TSPAN15
55506	ENSG00000099284	2487.44578	0.04443189	0.06369805	0.47953149	0.70069817	MACROH2A2
387680	ENSG00000099290	910.85465	0.03864869	0.08950624	0.65772358	0.83026251	WASHC2A
23031	ENSG00000099308	591.692436	-0.07084975	0.1102269	0.50081676	0.71803761	MAST3
7593	ENSG00000099326	1471.05783	0.19675159	0.07685886	0.00890542	0.03768041	MZF1
79629	ENSG00000099330	102.509284	0.16397341	0.21350568	0.35855714	0.5888398	OCEL1
4650	ENSG00000099331	2429.53892	0.00380308	0.07277458	0.95846048	0.98288396	MYO9B
9424	ENSG00000099337	147.564487	-0.03156065	0.18531177	0.84450506	0.92965052	KCNK6
57828	ENSG00000099338	49.1796357	1.30066454	0.41727261	0.00012743	0.00094439	CATSPERG
5714	ENSG00000099341	2604.63871	-0.07976099	0.06087893	0.18412416	0.3826844	PSMD8
54620	ENSG00000099364	2184.94438	-0.06919536	0.08182714	0.38594835	0.61510241	FBXL19
112755	ENSG00000099365	495.098172	-0.01431325	0.12737849	0.9041861	0.95807825	STX1B
80270	ENSG00000099377	54.4793218	0.87878234	0.42877315	0.00425723	0.02033792	HSD3B7
9739	ENSG00000099381	1307.28358	-0.05048842	0.08792312	0.55433811	0.76027015	SETD1A
9274	ENSG00000099385	528.38595	-0.11871339	0.10933811	0.25623784	0.47738504	BCL7C
4113	ENSG00000099399	5.21247095	-0.08390827	0.37355326	0.50333537	0.72006071	MAGEB2
1943	ENSG00000099617	465.141271	0.08739839	0.11522618	0.42701081	0.65286501	EFNA2
1153	ENSG00000099622	4889.63036	-0.13660346	0.06488642	0.03252284	0.10695396	CIRBP
513	ENSG00000099624	1193.10613	0.04880394	0.08216792	0.5428666	0.75092193	ATP5F1D
255057	ENSG00000099625	570.438944	0.02936302	0.11403561	0.7883815	0.90400376	CBARP
83259	ENSG00000099715	0	NA	NA	NA	NA	PCDH11Y
266	ENSG00000099721	0	NA	NA	NA	NA	AMELY
5616	ENSG00000099725	0	NA	NA	NA	NA	PRKY
3483	ENSG00000099769	3.70059091	0.17616579	0.42393767	0.13841044	0.31479274	IGFALS
4670	ENSG00000099783	7244.94505	0.01401712	0.07130203	0.84289926	0.92864956	HNRNPM
51257	ENSG00000099785	178.661826	0.50527422	0.19564573	0.00340963	0.0168738	MARCHF2
4713	ENSG00000099795	1216.02732	0.01003616	0.08118287	0.90008171	0.95573896	NDUFB7
9524	ENSG00000099797	1245.29758	0.06028654	0.0852682	0.46887031	0.69142165	TECR
26517	ENSG00000099800	1772.12279	0.01600822	0.07134232	0.82025582	0.91817957	TIMM13
997	ENSG00000099804	1141.55221	0.01398372	0.07987716	0.85865556	0.93701934	CDC34
4507	ENSG00000099810	1167.73084	0.05183845	0.10655188	0.61336377	0.80102272	MTAP
126353	ENSG00000099812	2.46553757	-0.07738641	0.38729787	0.33570336	NA	MISP
283638	ENSG00000099814	528.977794	0.32777646	0.10649354	0.00132107	0.00751221	CEP170B
5434	ENSG00000099817	2340.95868	0.02335563	0.06642138	0.72123843	0.86691933	POLR2E
5442	ENSG00000099821	1553.36095	0.18499288	0.09232696	0.03879572	0.12262339	POLRMT
610	ENSG00000099822	330.638438	-0.31080098	0.14845919	0.02282897	0.08099549	HCN2

53841	ENSG00000099834	3.27376587	0.03808873	0.3712284	0.72391962	0.86794586	CDHR5
113177	ENSG00000099840	38.6687979	1.09583901	0.52198789	0.00238071	0.01243635	IZUMO4
8045	ENSG00000099849	173.975149	0.16067944	0.21418575	0.3688712	0.59820516	RASSF7
4616	ENSG00000099860	6.53260176	0.20504903	0.436401	0.12728989	0.29752625	GADD45B
5064	ENSG00000099864	1583.18597	-0.08217661	0.08416446	0.31587616	0.54382011	PALM
8174	ENSG00000099866	11.4165432	0.1454486	0.37020991	0.38352304	0.61270278	MADCAM1
51214	ENSG00000099869	33.6203711	1.28217301	0.44900432	0.00031983	0.00216791	IGF2-AS
2872	ENSG00000099875	1537.86056	0.16814491	0.07781642	0.02718939	0.09298521	MKNK2
421	ENSG00000099889	953.910118	-0.57061405	0.08950023	5.98E-11	1.18E-09	ARVCF
27037	ENSG00000099899	1132.32097	0.0680048	0.0927045	0.45022876	0.67359465	TRMT2A
5902	ENSG00000099901	3697.44387	0.08632066	0.06852361	0.20066474	0.40584036	RANBP1
29801	ENSG00000099904	1425.74291	0.27050952	0.10204045	0.00583763	0.02653305	ZDHHC8
84861	ENSG00000099910	731.816878	-0.07506445	0.1288832	0.53519184	0.74618455	KLHL22
51586	ENSG00000099917	1890.27822	0.04799115	0.07306332	0.50432534	0.72088002	MED15
3053	ENSG00000099937	0.48572904	-0.01096121	0.38340473	0.81482371	NA	SERPIND1
9342	ENSG00000099940	646.956833	-0.05102255	0.12349725	0.66144995	0.8324506	SNAP29
1399	ENSG00000099942	2784.72548	-0.01603676	0.05938499	0.78402576	0.90163872	CRKL
8216	ENSG00000099949	2093.92776	0.26841182	0.06421474	2.25E-05	0.00019993	LZTR1
4320	ENSG00000099953	408.546831	0.64155715	0.15151078	5.94E-06	5.90E-05	MMP11
27443	ENSG00000099954	0	NA	NA	NA	NA	CECR2
6598	ENSG00000099956	2938.5768	0.09714974	0.06924236	0.15390475	0.3390108	SMARCB1
9127	ENSG00000099957	103.836061	-0.04754896	0.21634276	0.78873881	0.90411045	P2RX6
91319	ENSG00000099958	0.51350539	0.01481804	0.38307531	0.74411418	NA	DERL3
6545	ENSG00000099960	0.93453969	-0.05161064	0.38834234	0.35304854	NA	SLC7A4
23786	ENSG00000099968	927.943534	0.19883485	0.10834699	0.0553358	0.16097686	BCL2L13
100037417	ENSG00000099974	42.112543	-0.03397589	0.259969	0.8579906	0.936593	DDTL
1652	ENSG00000099977	823.115216	0.01037533	0.09267505	0.90936173	0.96089352	DDT
100037417	ENSG00000099977	823.115216	0.01037533	0.09267505	0.90936173	0.96089352	DDT
2953	ENSG00000099984	34.4067763	0.40183574	0.38948184	0.09165691	0.23379699	GSTT2
5008	ENSG00000099985	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OSM
23523	ENSG00000099991	2272.89663	-0.01951405	0.0722826	0.78258873	0.90103067	CABIN1
83874	ENSG00000099992	118.677798	0.1155499	0.20305726	0.50583702	0.72177288	TBC1D10A
56241	ENSG00000099994	155.305859	2.93916216	0.24398793	1.63E-34	1.09E-32	SUSD2
10291	ENSG00000099995	2510.397	-0.19494511	0.10854234	0.06025153	0.17177617	SF3A1
2687	ENSG00000099998	107.223379	1.1032245	0.25584779	1.66E-06	1.81E-05	GGT5
200312	ENSG00000099999	398.343668	0.4613267	0.14847067	0.0007888	0.00481677	RNF215
23541	ENSG00000100003	202.268499	0.08554277	0.22959188	0.6428578	0.82148002	SEC14L2
266629	ENSG00000100012	0.68114595	0.00157579	0.38130168	0.9744473	NA	SEC14L3

23384	ENSG00000100014	2765.91505	0.02200025	0.06277988	0.72306853	0.86764418	SPECC1L
23759	ENSG00000100023	1674.75897	0.03489157	0.07313229	0.6275893	0.81099169	PPIL2
51733	ENSG00000100024	75.9321549	2.83794294	0.36376556	3.82E-16	1.12E-14	UPB1
29799	ENSG00000100027	783.136899	1.00778089	0.13318394	4.88E-15	1.34E-13	YPEL1
6634	ENSG00000100028	1904.9656	0.01834084	0.09750261	0.84682421	0.93052693	SNRPD3
23481	ENSG00000100029	1509.1961	-0.14748042	0.07512323	0.04456191	0.13608807	PES1
5594	ENSG00000100030	1414.51626	-0.44409874	0.09341561	9.20E-07	1.05E-05	MAPK1
2678	ENSG00000100031	14.9825898	1.17514467	0.8389459	0.00758004	0.03302328	GGT1
5625	ENSG00000100033	34.5219213	1.94878385	0.45563195	1.12E-06	1.25E-05	PRODH
9647	ENSG00000100034	1774.01162	0.01477898	0.08009728	0.85126462	0.93275912	PPM1F
339665	ENSG00000100036	177.377919	-0.38502094	0.20518129	0.02889869	0.09740774	SLC35E4
8940	ENSG00000100038	1081.19954	0.39905924	0.08710896	2.47E-06	2.61E-05	TOP3B
1417	ENSG00000100053	0.78607846	0.00108047	0.38151834	0.98756414	NA	CRYBB3
27128	ENSG00000100055	0	NA	NA	NA	NA	CYTH4
8220	ENSG00000100056	406.6422	0.07905359	0.12521447	0.50461667	0.72111066	ESS2
1416	ENSG00000100058	423.166224	0.06957884	0.1252562	0.55740872	0.76258372	CRYBB2P1
4242	ENSG00000100060	44.6750158	-0.75810566	0.36630695	0.00551304	0.02528989	MFNG
29775	ENSG00000100065	275.129998	-1.22966534	0.1513918	4.65E-17	1.44E-15	CARD10
NA	ENSG00000100068	281.483357	0.16538336	0.13976232	0.20348209	0.40973152	LRP5L
6576	ENSG00000100075	1416.21772	-0.44501676	0.09330273	8.54E-07	9.79E-06	SLC25A1
157	ENSG00000100077	4261.13671	-0.10093708	0.06746379	0.12824175	0.29899782	GRK3
50487	ENSG00000100078	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PLA2G3
3957	ENSG00000100079	0	NA	NA	NA	NA	LGALS2
26088	ENSG00000100083	1976.75024	0.27113519	0.07807574	0.00038086	0.00253648	GGA1
7290	ENSG00000100084	1524.41188	-0.01155583	0.07395046	0.87284415	0.94439555	HIRA
23616	ENSG00000100092	485.694109	0.02482752	0.11238567	0.81824575	0.9171248	SH3BP1
23544	ENSG00000100095	1190.36996	-3.2469177	0.11273855	5.07E-184	6.70E-181	SEZ6L
3956	ENSG00000100097	3289.99689	0.02618789	0.06123289	0.66525325	0.83470042	LGALS1
89781	ENSG00000100099	1033.98927	0.07661381	0.10164345	0.43490556	0.66027902	HPS4
113791	ENSG00000100100	105.783623	-0.41555233	0.23248916	0.03085955	0.1024692	PIK3IP1
NA	ENSG00000100101	3.68189037	0.03069668	0.38661547	0.16772812	0.35871254	
402055	ENSG00000100104	407.796094	-0.3119122	0.16908096	0.03955703	0.12441527	SRRD
23598	ENSG00000100105	2168.10439	-8.52E-06	0.0658887	0.99917305	0.99962651	PATZ1
11078	ENSG00000100106	1511.15972	0.22407882	0.08269711	0.00545107	0.02506357	TRIOBP
24144	ENSG00000100109	653.232728	0.12396902	0.13342744	0.3229443	0.55059885	TFIP11
23464	ENSG00000100116	157.299598	0.05184984	0.21449791	0.77266584	0.89561741	GCAT
91227	ENSG00000100121	0	NA	NA	NA	NA	GGTLC2
1414	ENSG00000100122	5.87299205	-0.20985128	0.43167809	0.15274709	0.33739727	CRYBB1

129138	ENSG00000100124	683.962911	-0.17848805	0.10779106	0.08354635	0.21827226	ANKRD54
51386	ENSG00000100129	9305.55356	-0.03312376	0.0607772	0.57893284	0.77671271	EIF3L
4809	ENSG00000100138	1389.30007	-0.30372605	0.07906838	8.21E-05	0.00063781	SNU13
85377	ENSG00000100139	785.078724	0.08917533	0.09178126	0.31726496	0.54509671	MICALL1
5435	ENSG00000100142	498.235116	-0.01438286	0.12210821	0.90009993	0.95573896	POLR2F
6663	ENSG00000100146	1.95634066	0.13473642	0.41171039	0.10912239	NA	SOX10
79879	ENSG00000100147	280.048446	0.08115954	0.13943993	0.53273674	0.74395247	CCDC134
9681	ENSG00000100150	482.739791	-0.13558874	0.12698564	0.25662991	0.47767496	DEPDC5
9463	ENSG00000100151	477.95342	0.24831811	0.12735391	0.0382653	0.12144993	PICK1
23331	ENSG00000100154	2198.93643	-0.2089319	0.07783884	0.00602101	0.02723592	TTC28
23539	ENSG00000100156	24.3356508	-0.02326601	0.30351485	0.89905272	0.95557174	SLC16A8
79019	ENSG00000100162	132.858973	-0.88148067	0.24147987	3.72E-05	0.00031514	CENPM
55964	ENSG00000100167	1323.25787	-0.69847065	0.07953833	3.78E-19	1.35E-17	SEPTIN3
6523	ENSG00000100170	1.57058864	-0.00888322	0.37868862	0.89566899	NA	SLC5A1
387590	ENSG00000100181	0	NA	NA	NA	NA	TPTEP1
6527	ENSG00000100191	0.3243667	0.00127512	0.38336752	0.96809536	NA	SLC5A4
11015	ENSG00000100196	66.0257248	2.12853437	0.35197832	8.96E-11	1.73E-09	KDELR3
1565	ENSG00000100197	22.5976961	0.5094315	0.4968672	0.05325477	0.1562287	CYP2D6
107987478	ENSG00000100197	22.5976961	0.5094315	0.4968672	0.05325477	0.1562287	CYP2D6
107987479	ENSG00000100197	22.5976961	0.5094315	0.4968672	0.05325477	0.1562287	CYP2D6
10521	ENSG00000100201	6370.79696	0.00369896	0.05132618	0.97228046	0.98958828	DDX17
11144	ENSG00000100206	5.44860305	0.09355902	0.37782974	0.44690883	0.67095132	DMC1
6942	ENSG00000100207	848.481032	-0.15053105	0.11411539	0.16594655	0.35616396	TCF20
150274	ENSG00000100209	143.535453	-0.14041276	0.19747809	0.40542275	0.63375238	HSCB
25776	ENSG00000100211	166.945888	-0.0346482	0.16583631	0.81569248	0.9163678	CBY1
56993	ENSG00000100216	894.698191	-0.05528412	0.09006715	0.5270722	0.73901854	TOMM22
27156	ENSG00000100218	11.5682499	0.32847631	0.49456545	0.0974398	0.24443112	RSPH14
7494	ENSG00000100219	1601.7555	0.53520301	0.07649519	9.66E-13	2.20E-11	XBP1
51493	ENSG00000100220	1315.02953	-0.15308589	0.07836479	0.04565029	0.13867733	RTCB
9929	ENSG00000100221	763.020616	0.00364273	0.10352261	0.97178255	0.98938604	JOSD1
25793	ENSG00000100225	1652.4625	0.04326056	0.06904278	0.52454878	0.73734087	FBXO7
9567	ENSG00000100226	973.798783	-0.02312959	0.08889868	0.78837688	0.90400376	GTPBP1
84271	ENSG00000100227	1140.82876	-0.22279268	0.10519829	0.02710781	0.0927914	POLDIP3
9609	ENSG00000100228	218.39745	-0.2448649	0.20571252	0.15980176	0.3473723	RAB36
7078	ENSG00000100234	2090.01639	-1.07512039	0.07012631	5.97E-54	6.51E-52	TIMP3
9701	ENSG00000100239	1502.86839	0.15220959	0.07543147	0.03846642	0.12197623	PPP6R2
6305	ENSG00000100241	4782.61059	0.07427126	0.06423378	0.24109078	0.45895616	SBF1
25777	ENSG00000100242	1141.93077	-0.25212798	0.10919477	0.01563259	0.05962142	SUN2

1727	ENSG00000100243	1352.52794	0.26325742	0.0778352	0.0005401	0.00345019	CYB5R3
10126	ENSG00000100246	212.034733	0.40773237	0.19110104	0.01509252	0.0579852	DNAL4
25770	ENSG00000100249	0	NA	NA	NA	NA	C22orf31
55586	ENSG00000100253	4.09161237	0.18049553	0.4242033	0.14342309	0.32269382	MIOX
91289	ENSG00000100258	896.400058	0.22190136	0.10354778	0.02577157	0.0891868	LMF2
25807	ENSG00000100263	501.854954	0.37445085	0.1188844	0.00090352	0.00542222	RHBDD3
11252	ENSG00000100266	668.36082	-0.28248338	0.10600485	0.00540968	0.02488478	PACSIN2
25809	ENSG00000100271	188.776207	0.39307332	0.16577498	0.00883162	0.03742405	TTLL1
10633	ENSG00000100276	1.1233646	0.06326018	0.38839755	0.28139386	NA	RASL10A
162	ENSG00000100280	2796.8116	-0.07152593	0.07424303	0.3250967	0.55302396	APIB1
10042	ENSG00000100281	894.139699	-0.08662655	0.08614443	0.30139122	0.52872103	HMGXB4
10043	ENSG00000100284	336.079485	0.06110641	0.14480372	0.6489847	0.82497477	TOM1
4744	ENSG00000100285	1589.37017	-1.36569484	0.08602658	8.51E-58	1.04E-55	NEFH
1120	ENSG00000100288	747.176922	0.20120708	0.10038646	0.03755584	0.1197345	CHKB
638	ENSG00000100290	1.00918704	-0.02393651	0.38044904	0.71012726	NA	BIK
3162	ENSG00000100292	38.2234353	0.22693615	0.30313095	0.27554801	0.49966845	HMOX1
27349	ENSG00000100294	140.164522	0.1293182	0.19456124	0.44004863	0.66517856	MCAT
8563	ENSG00000100296	2018.39461	0.12238857	0.06829317	0.06857718	0.18867997	THOC5
4174	ENSG00000100297	2616.55642	-0.1049419	0.06527174	0.10163092	0.25236014	MCM5
164668	ENSG00000100298	0	NA	NA	NA	NA	APOBEC3H
410	ENSG00000100299	339.609559	0.40248688	0.15365715	0.00433236	0.02065708	ARSA
706	ENSG00000100300	729.644049	0.17614613	0.10264773	0.07431676	0.2001033	TSPO
23551	ENSG00000100302	15.4084778	0.32976138	0.44610064	0.12694115	0.29688935	RASD2
23170	ENSG00000100304	1181.06437	-0.22933932	0.0806814	0.00357244	0.01758305	TTLL12
23492	ENSG00000100307	81.5233965	0.47716323	0.28546999	0.02991772	0.10009569	CBX7
5155	ENSG00000100311	0	NA	NA	NA	NA	PDGFB
49	ENSG00000100312	0.34746601	0.02370763	0.3853651	0.61987128	NA	ACR
164633	ENSG00000100314	160.512115	-2.1039316	0.61164813	2.69E-05	0.00023487	CABP7
6122	ENSG00000100316	31219.3278	-0.16574749	0.04853809	0.00055797	0.0035504	RPL3
55954	ENSG00000100319	227.264934	0.14817761	0.15172259	0.28772648	0.51340148	ZMAT5
23543	ENSG00000100320	11047.7787	0.18463865	0.04880315	0.00012586	0.00093314	RBFOX2
9145	ENSG00000100321	471.810445	-0.32830109	0.15387177	0.019546	0.07160128	SYNGR1
10454	ENSG00000100324	490.654491	0.15022807	0.11184475	0.16001891	0.34765388	TAB1
84164	ENSG00000100325	1265.30802	-0.09936365	0.08579281	0.23393314	0.45086784	ASCC2
8897	ENSG00000100330	1112.10023	0.07471845	0.11157117	0.48453963	0.70468159	MTMR3
54471	ENSG00000100335	1011.20115	-0.0964164	0.08734038	0.25640096	0.47756244	MIEF1
80832	ENSG00000100336	106.291338	1.47005911	0.28087173	1.30E-08	1.94E-07	APOL4
150379	ENSG00000100341	0	NA	NA	NA	NA	PNPLA5

8542	ENSG00000100342	0.16735865	0.01897177	0.38482933	0.78225479	NA	APOL1
80339	ENSG00000100344	22.2618301	0.12261752	0.34347558	0.49101687	0.71055979	PNPLA3
4627	ENSG00000100345	4881.64488	0.04381549	0.06276988	0.47820693	0.69986975	MYH9
8911	ENSG00000100346	1.28376817	-0.07018956	0.38938093	0.25995481	NA	CACNA1I
25813	ENSG00000100347	781.598124	-0.02796679	0.08861766	0.74494216	0.87988222	SAMM50
25828	ENSG00000100348	1400.94794	0.06363612	0.07649867	0.396397	0.62570741	TXN2
80020	ENSG00000100350	1478.88908	-0.16363785	0.07229352	0.02093307	0.07553876	FOXRED2
9402	ENSG00000100351	0.38789669	0.01214925	0.38385518	0.84879667	NA	GRAP2
8664	ENSG00000100353	3377.48615	0.01704844	0.06601821	0.79346989	0.90556117	EIF3D
23112	ENSG00000100354	674.031383	-0.16314045	0.28369998	0.41289201	0.64038252	TNRC6B
27352	ENSG00000100359	876.541306	0.21560947	0.09337886	0.01710516	0.06426176	SGSM3
11020	ENSG00000100360	814.383757	0.27394065	0.09538983	0.00295618	0.01495046	IFT27
5816	ENSG00000100362	0	NA	NA	NA	NA	PVALB
23313	ENSG00000100364	1167.60615	-0.39042384	0.08618686	3.17E-06	3.30E-05	KIAA0930
4689	ENSG00000100365	0	NA	NA	NA	NA	NCF4
1439	ENSG00000100368	0	NA	NA	NA	NA	CSF2RB
10478	ENSG00000100372	322.205311	0.06339837	0.15507095	0.65585667	0.82885511	SLC25A17
7380	ENSG00000100373	0	NA	NA	NA	NA	UPK3A
55007	ENSG00000100376	626.946557	0.12670863	0.1083384	0.22220656	0.43535977	FAM118A
79734	ENSG00000100379	624.283704	-0.43574822	0.11656841	8.59E-05	0.00066398	KCTD17
6767	ENSG00000100380	2232.76231	-0.20127573	0.08309152	0.01292309	0.05122757	ST13
3560	ENSG00000100385	1.17832196	0.05379565	0.38759742	0.29472884	NA	IL2RB
9978	ENSG00000100387	371.318198	0.09803136	0.12317146	0.4011279	0.62949876	RBX1
2033	ENSG00000100393	1309.50182	-0.04014103	0.09700255	0.65016276	0.82529572	EP300
83746	ENSG00000100395	333.96561	-0.01829754	0.13094967	0.8812178	0.94760765	L3MBTL2
150356	ENSG00000100399	6.43343641	0.12412794	0.37761356	0.39291054	0.6220352	CHADL
5905	ENSG00000100401	1936.16304	-0.03751557	0.0841269	0.64651724	0.82387449	RANGAP1
23264	ENSG00000100403	1853.30139	-0.22543172	0.07255242	0.00150798	0.00841822	ZC3H7B
84844	ENSG00000100410	403.809211	-0.10338974	0.12435718	0.37695983	0.60572472	PHF5A
50	ENSG00000100412	1165.35683	0.25260577	0.08904809	0.00347338	0.01714651	ACO2
171568	ENSG00000100413	655.281113	-0.21071332	0.13165079	0.08677017	0.22459479	POLR3H
55687	ENSG00000100416	1222.12153	0.06187434	0.08461157	0.45523538	0.67862874	TRMU
5372	ENSG00000100417	143.434808	-0.01994108	0.18984958	0.90242768	0.95713489	PMM1
27351	ENSG00000100418	396.965959	-0.3137653	0.12366811	0.00706516	0.03119804	DESI1
64781	ENSG00000100422	2872.40231	-0.38957177	0.06940556	1.10E-08	1.65E-07	CERK
23774	ENSG00000100425	1393.75019	0.14252745	0.07884806	0.06465531	0.18119939	BRD1
9889	ENSG00000100426	2475.65338	-0.10307553	0.06346742	0.09939861	0.24821504	ZBED4
23209	ENSG00000100427	0	NA	NA	NA	NA	MLC1

83933	ENSG00000100429	489.288982	0.07600757	0.11411903	0.48602144	0.70617338	HDAC10
54207	ENSG00000100433	18.8858456	-2.55056247	0.76592006	4.05E-05	0.00034013	KCNK10
63874	ENSG00000100439	173.487296	0.56873147	0.21360234	0.00219951	0.01162136	ABHD4
23351	ENSG00000100441	1285.18397	0.39992266	0.08380543	9.68E-07	1.10E-05	KHNYN
2287	ENSG00000100442	714.661409	-0.21771022	0.10634053	0.03259559	0.1071399	FKBP3
56948	ENSG00000100445	750.418345	0.06408137	0.10894112	0.53941069	0.74850934	SDR39U1
1511	ENSG00000100448	0	NA	NA	NA	NA	CTSG
2999	ENSG00000100450	0	NA	NA	NA	NA	GZMH
3002	ENSG00000100453	0	NA	NA	NA	NA	GZMB
55147	ENSG00000100461	1233.82425	-0.00544042	0.09716621	0.95257602	0.98049849	RBM23
10419	ENSG00000100462	1548.55371	0.06761508	0.0758561	0.36540226	0.5947154	PRMT5
1690	ENSG00000100473	1050.9083	0.36190041	0.08484957	1.18E-05	0.00011052	COCH
11154	ENSG00000100478	110.139612	-0.31905728	0.24240528	0.10068346	0.25054057	AP4S1
5427	ENSG00000100479	230.489429	0.01088292	0.16847731	0.94398621	0.97718285	POLE2
79609	ENSG00000100483	167.696066	-0.11195886	0.17393724	0.46944187	0.69185312	VCPKMT
6655	ENSG00000100485	785.220862	0.23247896	0.0910071	0.00843106	0.03605781	SOS2
8814	ENSG00000100490	159.274157	-0.2867005	0.29184254	0.17034959	0.36228275	CDKL1
51199	ENSG00000100503	1872.97528	0.00339074	0.09655122	0.97260543	0.98981748	NIN
5836	ENSG00000100504	111.193332	1.58550382	0.28849655	2.67E-09	4.33E-08	PYGL
114088	ENSG00000100505	226.389683	-0.19239206	0.17425335	0.21406547	0.42423923	TRIM9
5706	ENSG00000100519	1054.94708	-0.04360284	0.08820435	0.61056374	0.7987352	PSMC6
64841	ENSG00000100522	1006.22867	-0.15478992	0.08835981	0.07135954	0.19425517	GNPNAT1
80821	ENSG00000100523	995.201824	-0.04829937	0.11142679	0.64969621	0.82525848	DDHD1
1033	ENSG00000100526	280.607456	-0.41594677	0.15556086	0.00352533	0.01737703	CDKN3
10175	ENSG00000100528	1427.36034	-0.21826977	0.08325854	0.00711627	0.0313609	CNIH1
10668	ENSG00000100532	143.18825	-0.09205698	0.19450168	0.58036849	0.77774473	CGRRF1
51382	ENSG00000100554	550.619479	0.22084613	0.11232835	0.03933368	0.12396233	ATP6V1D
55195	ENSG00000100557	0.18922458	0.01954053	0.38488496	0.78225479	NA	CCDC198
26499	ENSG00000100558	2.98364397	0.10102331	0.39023597	0.30920641	0.53699712	PLEK2
5283	ENSG00000100564	395.45914	0.2059275	0.12363427	0.07787584	0.20726343	PIGH
145497	ENSG00000100565	0	NA	NA	NA	NA	LRRC74A
5684	ENSG00000100567	941.697687	-0.15139637	0.10063429	0.11824282	0.28216714	PSMA3
10490	ENSG00000100568	1504.77326	-0.06825605	0.0931788	0.44929859	0.67295604	VTI1B
26520	ENSG00000100575	284.817588	-0.30440028	0.15987871	0.03571699	0.11513073	TIMM9
2954	ENSG00000100577	326.669864	0.03641286	0.14151904	0.78304046	0.90117013	GSTZ1
9786	ENSG00000100578	681.130725	-0.2699684	0.10411449	0.00688115	0.03050772	KIAA0586
283578	ENSG00000100580	1601.88156	-0.93335748	0.07555661	7.52E-36	5.23E-34	TMED8
161394	ENSG00000100583	34.1187049	-0.41393091	0.5132831	0.07275766	0.19685148	SAMD15

10598	ENSG00000100591	2825.83342	0.0068345	0.08271672	0.9339124	0.97240128	AHSA1
23002	ENSG00000100592	435.726033	-0.20065589	0.201521	0.24198809	0.46013453	DAAM1
145501	ENSG00000100593	2.36756011	-0.07436187	0.38660919	0.35622998	NA	ISM2
9517	ENSG00000100596	1689.12505	-0.12275593	0.07141914	0.07979803	0.21086746	SPTLC2
79890	ENSG00000100599	4.90157512	0.07091501	0.37531539	0.52429693	0.73721128	RIN3
5641	ENSG00000100600	573.660437	0.19609137	0.11115658	0.06482504	0.18145157	LGMN
8846	ENSG00000100601	218.506802	-0.26041648	0.16481076	0.0793774	0.21020391	ALKBH1
22938	ENSG00000100603	1515.30075	-0.24196032	0.10387215	0.01513658	0.05808699	SNW1
1113	ENSG00000100604	19767.1564	-0.40141561	0.0744951	3.73E-08	5.20E-07	CHGA
3705	ENSG00000100605	1170.34791	-0.1217492	0.08753835	0.15209164	0.3363239	ITPK1
51635	ENSG00000100612	1239.12085	-0.08221086	0.07728579	0.27696866	0.50137393	DHRS7
5494	ENSG00000100614	1247.8008	-0.42735493	0.10174912	1.25E-05	0.00011694	PPM1A
51804	ENSG00000100625	75.0305291	1.14212467	0.37951338	0.00021844	0.00153956	SIX4
57452	ENSG00000100626	254.221116	-0.62373819	0.17515064	9.56E-05	0.00073178	GALNT16
51676	ENSG00000100628	0	NA	NA	NA	NA	ASB2
145508	ENSG00000100629	316.275967	-0.19090059	0.13954145	0.14053823	0.31847841	CEP128
2079	ENSG00000100632	3931.1153	0.11036633	0.0793854	0.15530952	0.3411582	ERH
3091	ENSG00000100644	4316.73049	0.00457093	0.06551011	0.94379598	0.97708788	HIF1A
9766	ENSG00000100647	381.713423	-0.11035159	0.12513128	0.34975508	0.58009871	SUSD6
6430	ENSG00000100650	4244.25861	0.40998424	0.07141979	4.95E-09	7.75E-08	SRSF5
6554	ENSG00000100652	0.32399419	-0.02327436	0.38532155	0.66851063	NA	SLC10A1
1983	ENSG00000100664	3855.62634	-0.30053809	0.08261143	0.00018855	0.00134898	EIF5
5267	ENSG00000100665	0	NA	NA	NA	NA	SERPINA4
6547	ENSG00000100678	1002.93459	-0.34218577	0.0947004	0.00018506	0.00132546	SLC8A3
23405	ENSG00000100697	2053.95956	0.05588882	0.06733989	0.39942091	0.6281816	DICER1
79038	ENSG00000100711	405.605514	0.36538116	0.11807995	0.00112101	0.00651078	ZFYVE21
4522	ENSG00000100714	2042.24862	-0.10189409	0.08447449	0.21566554	0.42647306	MTHFD1
8115	ENSG00000100721	0	NA	NA	NA	NA	TCL1A
79882	ENSG00000100722	1700.51238	-0.20532874	0.07608679	0.00581215	0.02642978	ZC3H14
9894	ENSG00000100726	857.976629	0.16700857	0.11931327	0.13423443	0.30845623	TELO2
22990	ENSG00000100731	1918.37631	0.08217478	0.07811767	0.28289465	0.50793031	PCNX1
623	ENSG00000100739	0.4901093	-0.00697197	0.38316072	0.85885354	NA	BDKRB1
51527	ENSG00000100744	407.619987	-0.27621053	0.11908993	0.01435708	0.05563861	GSKIP
7443	ENSG00000100749	551.460415	-0.18721829	0.10773306	0.06904451	0.18952649	VRK1
5700	ENSG00000100764	1618.42255	-0.08223681	0.09515988	0.37142337	0.60057374	PSMC1
89932	ENSG00000100767	33.55482	0.05830618	0.28304567	0.7641103	0.8914874	PAPLN
9252	ENSG00000100784	358.709979	-0.17422875	0.14030809	0.18069732	0.37770382	RPS6KA5
55671	ENSG00000100796	1717.77046	-0.11660431	0.11389622	0.28175237	0.50654372	PPP4R3A

60686	ENSG00000100802	293.310277	-0.22600031	0.16331802	0.12490495	0.29330267	C14orf93
5693	ENSG00000100804	2256.68105	-0.16189019	0.06235078	0.00843555	0.03606146	PSMB5
7528	ENSG00000100811	2633.25303	-0.16398736	0.07536631	0.02617787	0.09027793	YY1
22985	ENSG00000100813	4928.6482	0.14110344	0.06405542	0.02534686	0.0880241	ACIN1
57820	ENSG00000100814	1645.46057	0.29986512	0.07687492	6.67E-05	0.00053193	CCNB1IP1
9321	ENSG00000100815	935.11998	0.20759522	0.09862524	0.02931053	0.09858313	TRIP11
328	ENSG00000100823	3516.91172	-0.06847197	0.056341	0.21841774	0.43045674	APEX1
8106	ENSG00000100836	3842.2678	0.20828701	0.06193727	0.00065225	0.0040617	PABPN1
10278	ENSG00000100842	2000.65011	0.19083184	0.07215027	0.00702862	0.03107125	EF5
394	ENSG00000100852	890.12554	-0.08587799	0.10654073	0.39963998	0.62831531	ARHGAP5
51550	ENSG00000100865	525.842681	-0.07866902	0.11448165	0.47074354	0.69301557	CINP
10202	ENSG00000100867	92.0848023	-0.76904439	0.24755544	0.00032289	0.00218493	DHRS2
6729	ENSG00000100883	1126.81429	0.08378814	0.09011144	0.33912884	0.56932782	SRP54
9362	ENSG00000100884	0	NA	NA	NA	NA	CPNE6
57680	ENSG00000100888	2874.10989	0.00057534	0.07382552	0.99445972	0.99838482	CHD8
5106	ENSG00000100889	1379.57731	0.00737202	0.12898111	0.95300272	0.98058207	PCK2
9692	ENSG00000100890	447.578358	0.13883812	0.15364632	0.32716095	0.55553519	PRORP
80344	ENSG00000100897	1013.00565	-0.04230706	0.10157293	0.66493284	0.83454529	DCAF11
5687	ENSG00000100902	1924.62759	0.00821934	0.0770842	0.91457128	0.96388282	PSMA6
4792	ENSG00000100906	547.472187	0.65645948	0.11052266	7.55E-10	1.32E-08	NFKBIA
51016	ENSG00000100908	367.066631	-0.01763348	0.12158942	0.87759933	0.94578953	EMC9
5721	ENSG00000100911	795.154762	-0.01986207	0.10088618	0.83715617	0.92602467	PSME2
84312	ENSG00000100916	392.131137	0.08489063	0.15244364	0.54465049	0.75239282	BRMS1L
9985	ENSG00000100918	3332.1225	-0.06642662	0.05949046	0.25804219	0.47940416	REC8
10548	ENSG00000100926	715.900421	0.34190189	0.09730958	0.00027185	0.0018734	TM9SF1
10484	ENSG00000100934	701.389579	-0.04160387	0.10322933	0.67477494	0.84066152	SEC23A
51292	ENSG00000100938	1078.30851	-0.16186872	0.0943908	0.07543282	0.2022854	GMPR2
5411	ENSG00000100941	1823.94536	-0.14064416	0.10205837	0.15192797	0.33603688	PNN
5875	ENSG00000100949	335.331113	0.38162265	0.13697222	0.00283749	0.01444594	RABGGTA
4776	ENSG00000100968	830.293274	1.38288101	0.12442668	8.87E-30	5.07E-28	NFATC4
5360	ENSG00000100979	526.355453	0.6553249	0.11519046	3.33E-09	5.32E-08	PLTP
63935	ENSG00000100982	858.399675	0.52802726	0.08825636	8.20E-10	1.43E-08	PCIF1
2937	ENSG00000100983	1076.73395	-0.12602501	0.08381503	0.12287632	0.29015309	GSS
4318	ENSG00000100985	2.29631252	-0.07232408	0.38238226	0.44142351	NA	MMP9
30813	ENSG00000100987	0	NA	NA	NA	NA	VSX1
26133	ENSG00000100991	1629.52212	-0.11664261	0.07186199	0.0981255	0.24574727	TRPC4AP
5834	ENSG00000100994	1543.88049	0.16900309	0.07789885	0.02649546	0.09108817	PYGB
26090	ENSG00000100997	777.829949	-0.25467561	0.09462782	0.00536051	0.02469294	ABHD12

10544	ENSG00000101000	10.6905885	0.04459441	0.34750158	0.77244447	0.89553101	PROCR
9837	ENSG00000101003	588.963368	0.04325439	0.14300536	0.74549572	0.88008063	GINS1
22981	ENSG00000101004	1927.68606	0.43778073	0.06781304	5.25E-11	1.04E-09	NINL
958	ENSG00000101017	1.58400581	-0.06301475	0.38615781	0.37079477	NA	CD40
55245	ENSG00000101019	943.013961	0.18953864	0.09550463	0.0401935	0.12587831	UQCC1
23613	ENSG00000101040	1328.12002	-0.54916668	0.07687694	3.19E-13	7.49E-12	ZMYND8
10110	ENSG00000101049	46.3999598	0.95032949	0.38315147	0.00134481	0.00762748	SGK2
51098	ENSG00000101052	621.545053	-0.02235898	0.10303101	0.81933426	0.91761737	IFT52
4605	ENSG00000101057	3859.8554	-0.5009157	0.06142933	1.43E-16	4.29E-15	MYBL2
140902	ENSG00000101074	0	NA	NA	NA	NA	R3HDML
3172	ENSG00000101076	0	NA	NA	NA	NA	HNF4A
57446	ENSG00000101079	983.033477	-0.52255266	0.08827933	1.21E-09	2.07E-08	NDRG3
84174	ENSG00000101082	0.68805294	-0.00445254	0.3824501	0.92023421	NA	SLA2
55969	ENSG00000101084	831.372672	-0.17598694	0.0960212	0.05778598	0.16649345	RAB51F
4773	ENSG00000101096	8.6755052	2.89315425	1.08732104	0.0004764	0.00309487	NFATC2
140730	ENSG00000101098	1501.1296	-1.18098093	0.08549584	2.27E-44	1.96E-42	RIMS4
80336	ENSG00000101104	890.614021	0.51072625	0.09236494	1.26E-08	1.88E-07	PABPC1L
6789	ENSG00000101109	1261.81821	-0.06059949	0.08403585	0.45919795	0.68252693	STK4
57167	ENSG00000101115	204.338761	0.69383716	0.21927233	0.00031699	0.0021516	SALL4
23394	ENSG00000101126	3503.11146	-0.18898416	0.060397	0.00151217	0.00842975	ADNP
5203	ENSG00000101132	531.073782	-0.15821982	0.10929841	0.12935948	0.30081651	PFDN4
55816	ENSG00000101134	0	NA	NA	NA	NA	DOK5
1477	ENSG00000101138	566.98049	-0.07433494	0.11234329	0.48750988	0.70734212	CSTF1
655	ENSG00000101144	2460.09876	-1.15120478	0.06617148	9.48E-69	1.52E-66	BMP7
8480	ENSG00000101146	917.792662	0.13058386	0.12463201	0.26760943	0.49015612	RAE1
7165	ENSG00000101150	2660.16848	0.20357223	0.06258087	0.00096851	0.00575308	TPD52L2
80331	ENSG00000101152	1935.54042	-0.2760166	0.0712729	7.85E-05	0.00061348	DNAJC5
51497	ENSG00000101158	2313.63087	0.42488584	0.08457826	2.52E-07	3.16E-06	NELFCD
1522	ENSG00000101160	176.093581	0.4495345	0.19024889	0.00742595	0.03246602	CTSZ
24148	ENSG00000101161	2262.47341	-0.02919198	0.07109463	0.67540134	0.84111426	PRPF6
81027	ENSG00000101162	11.9120719	-0.00114718	0.33907605	0.9921605	0.99756121	TUBB1
51012	ENSG00000101166	1649.7084	0.01268056	0.08126037	0.87432036	0.94470892	PRELID3B
11255	ENSG00000101180	117.540193	-3.09500243	0.26604307	2.12E-32	1.31E-30	HRH3
26164	ENSG00000101181	794.918794	-0.00073767	0.11905002	0.99320792	0.99778445	MTG2
5688	ENSG00000101182	3754.79976	-0.19114007	0.06905364	0.00483312	0.02257807	PSMA7
28231	ENSG00000101187	964.581687	0.67907865	0.11887533	2.69E-09	4.35E-08	SLCO4A1
4923	ENSG00000101188	2.05659011	-0.0754969	0.38683708	0.35762108	NA	NTSR1
55257	ENSG00000101189	563.663245	-0.06380998	0.10953283	0.54200748	0.75025664	MRGBP

10732	ENSG00000101190	325.122957	0.14255829	0.14134623	0.27746014	0.50194302	TCFL5
11083	ENSG00000101191	2786.62015	-0.09804732	0.05889472	0.09180012	0.23401187	DIDO1
54994	ENSG00000101193	1265.04992	-0.25625318	0.08408035	0.00174146	0.00952332	GID8
63910	ENSG00000101194	0	NA	NA	NA	NA	SLC17A9
79444	ENSG00000101197	0	NA	NA	NA	NA	BIRC7
128414	ENSG00000101198	0	NA	NA	NA	NA	NKAIN4
55738	ENSG00000101199	2130.13452	0.49951728	0.08622553	2.77E-09	4.48E-08	ARFGAP1
551	ENSG00000101200	0	NA	NA	NA	NA	AVP
57642	ENSG00000101203	0.173733	0.01914545	0.38484597	0.78225479	NA	COL20A1
1137	ENSG00000101204	1.05455877	-0.06787837	0.39189048	0.19208405	NA	CHRNA4
1917	ENSG00000101210	8678.99929	-1.10527231	0.0640479	1.30E-67	2.04E-65	EEF1A2
5753	ENSG00000101213	42.6174579	-0.62432515	0.38821245	0.01897746	0.06984101	PTK6
26205	ENSG00000101216	619.455837	-0.00558547	0.10166859	0.951818	0.98012235	GMEB2
54976	ENSG00000101220	756.16493	-0.16364061	0.09712515	0.08091222	0.21334235	C20orf27
25876	ENSG00000101222	6.86893078	-0.18124136	0.40501691	0.23418122	0.45103926	SPEF1
994	ENSG00000101224	1957.25075	-0.22433382	0.07904808	0.00364821	0.01786733	CDC25B
140862	ENSG00000101230	0.72521985	0.00222141	0.38233694	0.95839775	NA	ISM1
11237	ENSG00000101236	889.534588	0.0766256	0.11486332	0.48502278	0.70507415	RNF24
10139	ENSG00000101246	620.854218	0.04159607	0.11860316	0.71318743	0.86188941	ARFRP1
79133	ENSG00000101247	275.547638	0.08149072	0.15447701	0.56500323	0.76722846	NDUFAF5
80343	ENSG00000101251	0.47763262	-0.01664982	0.38407143	0.85281619	NA	SEL1L2
57761	ENSG00000101255	725.104088	0.00126626	0.14548096	0.9942729	0.9982983	TRIB3
9770	ENSG00000101265	424.458658	-0.24192107	0.11966944	0.03275869	0.10755128	RASSF2
1457	ENSG00000101266	4317.15479	0.04917586	0.06645614	0.45307933	0.67643118	CSNK2A1
113278	ENSG00000101276	0	NA	NA	NA	NA	SLC52A3
NA	ENSG00000101278	2.65860855	-0.01365037	0.37095451	0.89000117	0.95215008	RPS10P5
51378	ENSG00000101280	2.45573132	-0.00133616	0.37224682	0.98719061	NA	ANGPT4
343637	ENSG00000101282	59.9065917	-2.11899172	0.40347546	7.25E-09	1.11E-07	RSPO4
8760	ENSG00000101290	1710.33655	-0.23262677	0.08985255	0.00757345	0.03300907	CDS2
128674	ENSG00000101292	126.078917	-3.15316501	0.28521322	1.52E-29	8.55E-28	PROKR2
81502	ENSG00000101294	2042.07993	-0.08201064	0.07288668	0.25160009	0.47149344	HM13
9751	ENSG00000101298	308.336607	-0.26049048	0.1532645	0.06288744	0.17758139	SNPH
85366	ENSG00000101306	25.009287	0.26902605	0.36956685	0.20481877	0.41169887	MYLK2
10326	ENSG00000101307	0.53612635	0.03213492	0.38615517	0.46295797	NA	SIRPB1
10483	ENSG00000101310	1642.41483	0.02849869	0.08234781	0.7239489	0.86794586	SEC23B
55612	ENSG00000101311	14.7278584	3.24507432	0.84644964	1.01E-05	9.55E-05	FERMT1
54363	ENSG00000101323	0	NA	NA	NA	NA	HAO1
5173	ENSG00000101327	0	NA	NA	NA	NA	PDYN

140706	ENSG00000101331	61.5704556	-0.80446246	0.30904998	0.00134237	0.00761582	CCM2L
5332	ENSG00000101333	782.563615	-0.44585837	0.11841231	7.47E-05	0.00058802	PLCB4
10398	ENSG00000101335	0.16735865	0.01897177	0.38482933	0.78225479	NA	MYL9
3055	ENSG00000101336	0.50897541	0.01329051	0.38297807	0.76493109	NA	HCK
9777	ENSG00000101337	1751.96139	-0.16326519	0.06753278	0.01381945	0.05397201	TM9SF4
140711	ENSG00000101342	2.35382252	0.04525638	0.3823511	0.51826843	NA	TLDC2
51340	ENSG00000101343	851.741567	-0.01786222	0.09156948	0.84003159	0.92739563	CRNKL1
23509	ENSG00000101346	1334.79889	-0.03584121	0.07712394	0.63460746	0.81607019	POFUT1
25939	ENSG00000101347	400.166017	-0.44677435	0.12592482	0.00017325	0.00124854	SAMHD1
57144	ENSG00000101349	190.533084	-0.06326666	0.16177486	0.66406026	0.83431586	PAK5
9371	ENSG00000101350	1514.74329	-0.74188105	0.07794041	3.80E-22	1.58E-20	KIF3B
140699	ENSG00000101353	29.6496927	-0.04087829	0.31475825	0.81901564	0.9175195	MROH8
10528	ENSG00000101361	3180.10978	0.14431991	0.06247123	0.01916416	0.07035842	NOP56
63905	ENSG00000101363	959.178235	0.08746814	0.08765129	0.30575608	0.53334106	MANBAL
3420	ENSG00000101365	1444.01317	0.11611954	0.07870759	0.13171447	0.30446407	IDH3B
22919	ENSG00000101367	2342.3942	-0.28158527	0.06947057	3.65E-05	0.00030954	MAPRE1
182	ENSG00000101384	306.955987	1.64275649	0.19673319	5.20E-18	1.73E-16	JAG1
51654	ENSG00000101391	423.389657	0.24771788	0.1368825	0.05226429	0.15402903	CDK5RAP1
6640	ENSG00000101400	213.510665	-0.22748817	0.162131	0.12064709	0.28635462	SNTA1
5020	ENSG00000101405	0.86866502	0.03820342	0.3870704	0.32648034	NA	OXT
9675	ENSG00000101407	1274.71512	0.05504166	0.07594048	0.4601893	0.68333808	TTI1
1869	ENSG00000101412	1486.99253	-0.34811111	0.07546845	2.43E-06	2.58E-05	E2F1
58490	ENSG00000101413	766.528372	-0.00965112	0.09917633	0.91874437	0.96558446	RPRD1B
11264	ENSG00000101417	297.113047	0.012177	0.13543453	0.92444315	0.96852469	PXMP4
128866	ENSG00000101421	1131.92402	0.07485527	0.08549474	0.36948509	0.59885502	CHMP4B
671	ENSG00000101425	0	NA	NA	NA	NA	BPI
128821	ENSG00000101435	0	NA	NA	NA	NA	CST9L
140679	ENSG00000101438	243.245608	-3.1047327	0.19671936	2.84E-57	3.44E-55	SLC32A1
1471	ENSG00000101439	846.152103	0.37069361	0.09480814	5.29E-05	0.00042958	CST3
434	ENSG00000101440	0.96455001	-0.04977631	0.38563191	0.39076061	NA	ASIP
1472	ENSG00000101441	0	NA	NA	NA	NA	CST4
79913	ENSG00000101442	444.661982	0.06157159	0.11517238	0.57673406	0.77528586	ACTR5
10406	ENSG00000101443	0.76406384	0.05427165	0.38913569	0.26959566	NA	WFDC2
191	ENSG00000101444	3444.28574	-0.27010719	0.05687353	1.52E-06	1.67E-05	AHCY
26051	ENSG00000101445	1231.19524	-0.84681292	0.0900513	9.27E-22	3.78E-20	PPP1R16B
10816	ENSG00000101446	0	NA	NA	NA	NA	SPINT3
81610	ENSG00000101447	1026.22356	-0.33191239	0.08651285	8.06E-05	0.00062747	FAM83D
57119	ENSG00000101448	0	NA	NA	NA	NA	EPPIN

60625	ENSG00000101452	483.802881	-0.06608776	0.14539486	0.62276575	0.80737672	DHX35
116092	ENSG00000101457	458.364284	0.08057025	0.11698197	0.47044073	0.69270775	DNTTIP1
84557	ENSG00000101460	367.761464	0.12397481	0.12755893	0.30276407	0.52998404	MAP1LC3A
79953	ENSG00000101463	0	NA	NA	NA	NA	SYNDIG1
128869	ENSG00000101464	409.360091	0.38637155	0.12678213	0.00123197	0.00707069	PIGU
7125	ENSG00000101470	2.88306901	0.12557839	0.40164935	0.20527491	0.41224389	TNNC2
10005	ENSG00000101473	352.621157	-0.1621153	0.12620111	0.17297073	0.36578929	ACOT8
57136	ENSG00000101474	1329.13711	0.21654615	0.07803786	0.00454289	0.02146486	APMAP
56853	ENSG00000101489	960.355407	-3.14855309	0.10788495	2.10E-188	2.98E-185	CELF4
9658	ENSG00000101493	1085.00262	0.34046908	0.13084326	0.00552654	0.02534007	ZNF516
28316	ENSG00000101542	53.2051979	4.60793592	0.5100357	2.97E-20	1.13E-18	CDH20
22850	ENSG00000101544	1353.57662	-0.00987227	0.07710866	0.89549677	0.95469109	ADNP2
79863	ENSG00000101546	488.825982	0.02694609	0.10987695	0.79889621	0.90798839	RBFA
9097	ENSG00000101557	1569.27856	-0.129439	0.07882097	0.09290857	0.23587906	USP14
9218	ENSG00000101558	1299.87928	-0.44396778	0.08405499	5.95E-08	8.07E-07	VAPA
64863	ENSG00000101574	320.782927	-0.10380835	0.14987385	0.45062134	0.67397869	METTL4
9663	ENSG00000101577	630.775745	-0.17286202	0.09988786	0.07242748	0.19611863	LPIN2
23347	ENSG00000101596	2257.12996	-0.0272327	0.07374576	0.70274417	0.85699455	SMCHD1
8736	ENSG00000101605	20.2637937	1.84374535	0.65137209	0.00020174	0.00143356	MYOM1
10627	ENSG00000101608	1278.00799	0.43097282	0.08407839	1.46E-07	1.89E-06	MYL12A
79959	ENSG00000101624	277.790874	-0.19321915	0.14947288	0.15916615	0.34667433	CEP76
29906	ENSG00000101638	4.48889172	0.30012567	0.54940798	0.02331498	0.08241002	ST8SIA5
55125	ENSG00000101639	988.651994	0.03421031	0.10223003	0.72918643	0.87046879	CEP192
8731	ENSG00000101654	1962.85648	-0.1172052	0.07198045	0.09704098	0.24361546	RNMT
4092	ENSG00000101665	384.482592	0.57811827	0.14178889	1.38E-05	0.00012839	SMAD7
9388	ENSG00000101670	4.53004691	0.03286598	0.3657035	0.78300919	0.90117013	LIPG
284217	ENSG00000101680	757.539955	1.62015689	0.11255893	4.34E-48	4.04E-46	LAMA1
54941	ENSG00000101695	39.1467287	0.39309867	0.34772477	0.0904589	0.23157478	RNF125
23253	ENSG00000101745	605.497848	-0.48981143	0.13306696	8.87E-05	0.00068457	ANKRD12
8715	ENSG00000101746	590.998401	-0.81805055	0.11957071	1.40E-12	3.17E-11	NOL4
11201	ENSG00000101751	829.031053	0.13672371	0.10231682	0.16552506	0.35564031	POLI
57534	ENSG00000101752	3094.74359	-0.01903344	0.0681003	0.77588365	0.89695441	MIB1
5932	ENSG00000101773	1160.47144	-0.55102496	0.09928615	9.81E-09	1.48E-07	RBBP8
8780	ENSG00000101782	854.912913	-0.16559427	0.09276664	0.06523585	0.1822483	RIOK3
1478	ENSG00000101811	716.137123	0.11852521	0.10207614	0.22834326	0.44354125	CSTF2
286436	ENSG00000101812	0.14931947	-0.01844332	0.38480212	0.84537521	NA	H2BW2
25878	ENSG00000101825	0	NA	NA	NA	NA	MXRA5
340547	ENSG00000101842	0	NA	NA	NA	NA	VSIG1

5716	ENSG00000101843	425.552413	0.00979251	0.1130641	0.92865485	0.97011965	PSMD10
115201	ENSG00000101844	138.788729	0.07313621	0.1879634	0.65656652	0.82948802	ATG4A
412	ENSG00000101846	199.210105	-0.64005624	0.1774862	7.77E-05	0.00060859	STS
6907	ENSG00000101849	715.055291	-0.21263602	0.12042275	0.06128604	0.17419985	TBL1X
4935	ENSG00000101850	2.4308842	0.02264811	0.37477944	0.80037145	NA	GPR143
10857	ENSG00000101856	1567.46034	-0.09921803	0.07085381	0.15381151	0.33890581	PGRMC1
5422	ENSG00000101868	989.893352	-0.39941852	0.08731579	2.52E-06	2.66E-05	POLA1
4281	ENSG00000101871	219.774955	-0.5330573	0.16857686	0.00052343	0.00335645	MID1
79576	ENSG00000101882	492.910773	0.13897277	0.11774253	0.21458413	0.42492755	NKAP
158800	ENSG00000101883	0	NA	NA	NA	NA	RHOXF1
55916	ENSG00000101888	246.131176	-0.3813111	0.16154048	0.00937922	0.03936614	NXT2
2986	ENSG00000101890	0.16735865	0.01897177	0.38482933	0.78225479	NA	GUCY2F
23439	ENSG00000101892	0	NA	NA	NA	NA	ATPIB4
NA	ENSG00000101898	86.7454913	-0.0860214	0.21870102	0.63179517	0.81371846	MCTS2P
79868	ENSG00000101901	683.594193	0.06532828	0.11994232	0.56698179	0.76856463	ALG13
5634	ENSG00000101911	475.108698	0.35185238	0.11533281	0.00134608	0.00763251	PRPS2
51311	ENSG00000101916	0	NA	NA	NA	NA	TLR8
56180	ENSG00000101928	92.0405251	0.17643848	0.25036746	0.36291733	0.59271319	MOSPD1
9949	ENSG00000101935	328.012833	-0.33796918	0.13776722	0.00834752	0.03578539	AMMECR1
91851	ENSG00000101938	312.971857	0.11204225	0.14185804	0.39466537	0.62391721	CHRDL1
64743	ENSG00000101940	994.151945	0.38241082	0.10077143	8.14E-05	0.0006333	WDR13
6839	ENSG00000101945	359.44314	-0.08528874	0.12221326	0.45907009	0.68244796	SUV39H1
9506	ENSG00000101951	0	NA	NA	NA	NA	PAGE4
8406	ENSG00000101955	42.9840849	2.33517754	0.41384787	1.03E-09	1.77E-08	SRPX
2742	ENSG00000101958	1.79095171	-0.09139811	0.39520062	0.15963497	NA	GLRA2
331	ENSG00000101966	912.973659	-0.16420707	0.12324762	0.15882709	0.34620189	XIAP
10735	ENSG00000101972	2311.39563	-0.07858498	0.10038819	0.41642898	0.64306408	STAG2
286410	ENSG00000101974	1348.4952	-0.2362311	0.09351714	0.00905476	0.03818204	ATP11C
4168	ENSG00000101977	4.46198858	0.09545885	0.38466838	0.36713226	0.59635697	MCF2
2158	ENSG00000101981	0	NA	NA	NA	NA	F9
215	ENSG00000101986	313.195619	-0.21020134	0.13006024	0.08509224	0.2213782	ABCD1
28952	ENSG00000101997	256.161266	0.06024273	0.14175741	0.64854948	0.82457939	CCDC22
778	ENSG00000102001	0.95304202	-0.03273545	0.3847849	0.49375742	NA	CACNA1F
6855	ENSG00000102003	1376.07315	-1.41708922	0.08770501	8.87E-60	1.15E-57	SYP
5355	ENSG00000102007	775.176751	0.51487338	0.09477741	2.13E-08	3.08E-07	PLP2
660	ENSG00000102010	7.61767746	-0.25943301	0.46913399	0.10292499	0.25477628	BMX
51213	ENSG00000102021	0	NA	NA	NA	NA	LUZP4
5358	ENSG00000102024	822.828975	0.52038038	0.09808653	4.25E-08	5.89E-07	PLS3

8260	ENSG00000102030	1372.37541	-0.13923065	0.08304536	0.08533862	0.22164134	NAA10
5973	ENSG00000102032	33.8540671	0.35872291	0.37438024	0.11765614	0.28127459	RENBP
2000	ENSG00000102034	281.291987	0.21914657	0.14014009	0.09237032	0.23501245	ELF4
6594	ENSG00000102038	2229.98147	0.09311589	0.06723513	0.15966559	0.34722847	SMARCA1
55613	ENSG00000102043	23.2148994	0.02973861	0.31648115	0.8701664	0.94333385	MTMR8
140462	ENSG00000102048	58.5978112	-0.18770397	0.26345659	0.34175981	0.57180929	ASB9
340554	ENSG00000102053	145.330464	0.06727546	0.1849043	0.67841704	0.84291038	ZC3H12B
5931	ENSG00000102054	2188.7971	-0.02667724	0.07409095	0.71267771	0.86169546	RBBP7
80316	ENSG00000102055	0	NA	NA	NA	NA	PPP1R2C
3750	ENSG00000102057	110.176786	0.11388144	0.20778693	0.51651209	0.73056247	KCND1
5956	ENSG00000102076	0	NA	NA	NA	NA	OPN1LW
9016	ENSG00000102078	198.834616	0.22627274	0.15945959	0.11846532	0.28258066	SLC25A14
2332	ENSG00000102081	761.740246	-0.04999539	0.10324062	0.6144676	0.8019364	FMR1
11040	ENSG00000102096	187.982854	0.19443375	0.16920249	0.2005334	0.40575148	PIM2
10389	ENSG00000102098	535.378406	-0.01608737	0.10758476	0.8747425	0.94484382	SCML2
7355	ENSG00000102100	472.578149	0.15600025	0.1156445	0.15658708	0.34316665	SLC35A2
10084	ENSG00000102103	713.883311	-0.17054238	0.10244604	0.08321657	0.21772162	PQBP1
6247	ENSG00000102104	0	NA	NA	NA	NA	RS1
27344	ENSG00000102109	1275.65621	0.12021859	0.09028977	0.17061444	0.36253512	PCSK1N
2010	ENSG00000102119	862.468128	-0.08349478	0.09407135	0.35956877	0.58949503	EMD
6901	ENSG00000102125	511.572311	0.29592334	0.11473004	0.00671773	0.02986326	TAZ
282808	ENSG00000102128	6.67419048	0.02109424	0.35409178	0.88246636	0.94823075	RAB40AL
5230	ENSG00000102144	5803.02148	-0.0510183	0.08258881	0.526053	0.73808697	PGK1
2623	ENSG00000102145	0	NA	NA	NA	NA	GATA1
84061	ENSG00000102158	634.400992	1.02428972	0.13770614	1.28E-14	3.38E-13	MAGT1
6611	ENSG00000102172	1888.97308	-0.26050773	0.07764605	0.00059505	0.00375861	SMS
5251	ENSG00000102174	7.62091827	0.1474708	0.38842704	0.30963586	0.53743835	PHEX
8266	ENSG00000102178	1100.71638	-0.22827888	0.08557316	0.0060818	0.02744208	UBL4A
83692	ENSG00000102181	657.032488	0.01626461	0.11399078	0.88163999	0.94773789	CD99L2
8411	ENSG00000102189	363.518661	-0.22898818	0.13705681	0.07262105	0.19650869	EEA1
9248	ENSG00000102195	0	NA	NA	NA	NA	GPR50
6102	ENSG00000102218	263.534204	0.04853497	0.1480079	0.72327241	0.86773445	RP2
9767	ENSG00000102221	608.972063	-0.10510298	0.12242614	0.36410326	0.59381904	JADE3
5127	ENSG00000102225	2731.47218	-0.02692284	0.06320303	0.66563564	0.83494641	CDK16
8237	ENSG00000102226	3892.40302	0.00249779	0.06005729	0.96719744	0.98759962	USP11
9468	ENSG00000102230	598.524961	-0.19628127	0.10787561	0.0568798	0.16435994	PCYT1B
680	ENSG00000102239	0.70793655	0.02847024	0.38384472	0.55549389	NA	BRS3
27336	ENSG00000102241	2153.36029	0.09752014	0.06752876	0.14247097	0.3212532	HTATSFI

51442	ENSG00000102243	0	NA	NA	NA	NA	VGLL1
959	ENSG00000102245	0	NA	NA	NA	NA	CD40LG
7076	ENSG00000102265	150.459202	1.228408	0.20607472	2.48E-10	4.56E-09	TIMP1
56062	ENSG00000102271	0	NA	NA	NA	NA	KLHL4
2564	ENSG00000102287	0	NA	NA	NA	NA	GABRE
27328	ENSG00000102290	0.173124	-0.01911262	0.38486262	0.84537521	NA	PCDH11X
2245	ENSG00000102302	716.470669	-0.04572344	0.09579539	0.62131965	0.80672374	FGD1
5303	ENSG00000102309	588.86841	0.26654888	0.10655036	0.00902359	0.03811541	PIN4
64840	ENSG00000102312	278.776128	-0.43367582	0.14995658	0.00170472	0.00935593	PORCN
347365	ENSG00000102313	0.173733	0.01914545	0.38484597	0.78225479	NA	ITIH6
10916	ENSG00000102316	2463.78771	0.43242794	0.06885522	1.67E-10	3.12E-09	MAGED2
5935	ENSG00000102317	2710.61691	0.20240909	0.06681475	0.00207695	0.01104441	RBM3
11279	ENSG00000102349	0.34108768	0.02362635	0.38535337	0.62411761	NA	KLF8
27286	ENSG00000102359	0.67055544	-0.02605768	0.38455641	0.57446224	NA	SRPX2
94121	ENSG00000102362	35.8506404	1.69096942	0.62903121	0.00027321	0.00188143	SYTL4
158866	ENSG00000102383	216.458728	-0.64921886	0.17468573	4.95E-05	0.00040485	ZDHHC15
2491	ENSG00000102384	439.294672	-0.68140177	0.14277006	4.24E-07	5.12E-06	CENPI
1821	ENSG00000102385	75.4779277	-0.24977137	0.25624398	0.20687425	0.41408243	DRP2
54457	ENSG00000102387	23.486055	2.07962403	0.58891166	2.44E-05	0.00021495	TAF7L
51260	ENSG00000102390	301.715291	-0.15950641	0.14572175	0.2356418	0.45240308	PBDC1
2717	ENSG00000102393	341.413449	0.20102139	0.13236529	0.10511755	0.25849433	GLA
51566	ENSG00000102401	723.026887	0.08946246	0.09642499	0.33793967	0.56821327	ARMCX3
56271	ENSG00000102409	1193.06255	-0.10084079	0.07703352	0.18103496	0.37823647	BEX4
80183	ENSG00000102445	5.30208087	0.42016204	0.79770428	0.00938976	0.03940202	RUBCNL
259232	ENSG00000102452	25.5953003	-0.17431945	0.35677941	0.35029124	0.58064819	NALCN
2259	ENSG00000102466	428.088339	-0.95646215	0.15840032	2.10E-10	3.90E-09	FGF14
3356	ENSG00000102468	0	NA	NA	NA	NA	HTR2A
54602	ENSG00000102471	906.871324	-0.3523271	0.0961275	0.00014732	0.00107813	NDFIP2
10673	ENSG00000102524	8.06288748	0.21809965	0.42860293	0.16257573	0.35136193	TNFSF13B
22862	ENSG00000102531	1829.28161	0.28798878	0.0790609	0.00019273	0.00137548	FNDC3A
2862	ENSG00000102539	1.67394001	-0.02312954	0.37630969	0.78059233	NA	MLNR
81602	ENSG00000102543	87.3023062	-0.08671801	0.22035243	0.62987047	0.8127361	CDADC1
81617	ENSG00000102547	119.28817	-0.1809971	0.20107977	0.29127769	0.51740974	CAB39L
688	ENSG00000102554	35.755824	0.47902059	0.42416816	0.0579709	0.16694071	KLF5
8428	ENSG00000102572	1466.41438	-0.3366469	0.08532064	4.96E-05	0.00040539	STK24
54	ENSG00000102575	4.07344245	0.11812331	0.39272409	0.29278881	0.51892337	ACP5
5611	ENSG00000102580	625.546171	0.42401849	0.11825925	0.00016272	0.00118041	DNAJC3
55757	ENSG00000102595	898.882491	0.39615583	0.09454988	1.49E-05	0.00013723	UGGT2

8874	ENSG00000102606	2768.32145	0.24879778	0.08122148	0.00169337	0.00931425	ARHGEF7
2254	ENSG00000102678	0	NA	NA	NA	NA	FGF9
6445	ENSG00000102683	2.48861994	0.02683769	0.37316045	0.78221811	NA	SGCG
143	ENSG00000102699	1258.0394	0.68449711	0.08010232	3.25E-18	1.10E-16	PARP4
55578	ENSG00000102710	1550.94222	-0.18421014	0.07227843	0.00935765	0.03928391	SUPT20H
10240	ENSG00000102738	288.457907	-0.08502912	0.13365273	0.49651262	0.714811	MRPS31
10166	ENSG00000102743	880.941335	-0.32377112	0.09480233	0.00040822	0.00269522	SLC25A15
3839	ENSG00000102753	1100.01463	-0.31459133	0.09765559	0.00082847	0.0050112	KPNA3
2321	ENSG00000102755	0.18922458	0.01954053	0.38488496	0.78225479	NA	FLT1
28984	ENSG00000102760	0.99332863	0.03056551	0.38199533	0.61161126	NA	RGCC
23078	ENSG00000102763	818.33271	0.04472657	0.10170138	0.64923437	0.82505828	VWA8
160851	ENSG00000102780	754.186215	-0.32138286	0.10824957	0.0019086	0.01026723	DGKH
84056	ENSG00000102781	574.554527	0.13016808	0.11883175	0.24917976	0.46855526	KATNAL1
26512	ENSG00000102786	875.082191	-0.22090529	0.15492832	0.11826561	0.28218758	INTS6
730249	ENSG00000102794	0	NA	NA	NA	NA	ACOD1
79758	ENSG00000102796	108.226115	0.10958223	0.21871253	0.5445506	0.75235966	DHRS12
84935	ENSG00000102802	0	NA	NA	NA	NA	MEDAG
8848	ENSG00000102804	1675.84603	-0.12895989	0.07035058	0.06191399	0.17555717	TSC22D1
1203	ENSG00000102805	357.291988	-0.01815696	0.13808317	0.88691372	0.95029993	CLN5
10562	ENSG00000102837	0.53441252	0.01348423	0.38343732	0.74516574	NA	OLFM4
10232	ENSG00000102854	1.39831843	-0.02778483	0.38200337	0.62527136	NA	MSLN
23295	ENSG00000102858	1938.72521	-0.0145803	0.08027843	0.85180403	0.93275912	MGRN1
23361	ENSG00000102870	1787.40838	0.04586654	0.06870056	0.49855431	0.71624312	ZNF629
8717	ENSG00000102871	156.746972	0.24290761	0.17820971	0.12362917	0.29131232	TRADD
3299	ENSG00000102878	826.530954	0.54092346	0.12721677	7.29E-06	7.11E-05	HSF4
11151	ENSG00000102879	502.56025	-0.41569773	0.15629626	0.00364183	0.01785369	CORO1A
5595	ENSG00000102882	834.722044	-0.34540194	0.09719756	0.00022977	0.00160857	MAPK3
79153	ENSG00000102886	47.8032838	-0.03632281	0.28952577	0.84757748	0.93065124	GDPD3
79767	ENSG00000102890	80.1333897	0.27958844	0.23805532	0.14549036	0.32597939	ELMO3
84560	ENSG00000102891	0	NA	NA	NA	NA	MT4
5257	ENSG00000102893	1517.09611	-0.44941355	0.08688561	1.06E-07	1.39E-06	PHKB
57149	ENSG00000102897	378.076513	-0.22391662	0.12748172	0.06163228	0.17502196	LYRM1
10204	ENSG00000102898	2598.93222	0.03530485	0.07014995	0.60959658	0.79803651	NUTF2
9688	ENSG00000102900	1203.74082	-0.02145252	0.09132836	0.80794946	0.9131433	NUP93
80152	ENSG00000102901	1059.50045	0.12144333	0.09567051	0.18990749	0.39109037	CENPT
55815	ENSG00000102904	46.5469561	0.18906647	0.28000519	0.3493254	0.58004303	TSNAXIP1
10725	ENSG00000102908	1372.82917	-0.40400531	0.07828227	1.29E-07	1.68E-06	NFAT5
83752	ENSG00000102910	1480.28635	-0.02441964	0.08649097	0.77108333	0.8951015	LONP2

9683	ENSG00000102921	768.559921	-0.22213848	0.14259283	0.09215718	0.23465072	N4BP1
869	ENSG00000102924	170.062844	-2.12330043	0.22375916	1.55E-22	6.58E-21	CBLN1
23568	ENSG00000102931	681.248065	-0.52303807	0.09954142	5.43E-08	7.42E-07	ARL2BP
51090	ENSG00000102934	46.9777224	-0.09836965	0.28000141	0.6122798	0.80024215	PLLP
23090	ENSG00000102935	4426.90019	-1.01248655	0.06354687	5.07E-58	6.24E-56	ZNF423
6367	ENSG00000102962	0	NA	NA	NA	NA	CCL22
1723	ENSG00000102967	354.921385	0.24625203	0.14267115	0.06242233	0.17651923	DHODH
6361	ENSG00000102970	0.80356287	-0.00576102	0.38152262	0.91108175	NA	CCL17
10664	ENSG00000102974	1757.74356	-0.22126013	0.08220583	0.00574412	0.02617441	CTCF
65057	ENSG00000102977	598.114928	-0.15925771	0.10654591	0.11883673	0.28318716	ACD
5432	ENSG00000102978	1745.46748	-0.1315888	0.06941159	0.05368407	0.15715539	POLR2C
50855	ENSG00000102981	216.805903	-0.52592743	0.166087	0.0005249	0.0033637	PARD6A
55565	ENSG00000102984	326.538253	0.31922235	0.13785824	0.01287144	0.05105345	ZNF821
4324	ENSG00000102996	426.957236	-0.10644153	0.13864294	0.40903171	0.63708503	MMP15
79650	ENSG00000103005	1049.35938	-0.12223642	0.11744771	0.27292324	0.49654259	USB1
80777	ENSG00000103018	1024.19358	-0.43553421	0.10677557	2.11E-05	0.00018856	CYB5B
29070	ENSG00000103021	116.654725	0.86382335	0.24234057	5.22E-05	0.00042488	CCDC113
221191	ENSG00000103023	0	NA	NA	NA	NA	PRSS54
4832	ENSG00000103024	514.417812	-0.10849988	0.11290758	0.31373646	0.54159326	NME3
65009	ENSG00000103034	1161.56114	-1.07306586	0.10421255	8.70E-26	4.23E-24	NDRG4
5713	ENSG00000103035	1867.66183	0.08480339	0.07635496	0.25750434	0.47871871	PSMD7
79918	ENSG00000103037	1126.03538	0.04886008	0.0872294	0.56527501	0.76733419	SETD6
55238	ENSG00000103042	497.48211	0.40919707	0.12421093	0.00049153	0.00317759	SLC38A7
55697	ENSG00000103043	1155.49939	0.2173634	0.0889264	0.01197563	0.0481647	VAC14
3038	ENSG00000103044	61.3755934	-0.00243412	0.2708496	0.9879815	0.99589897	HAS3
79613	ENSG00000103047	288.963022	-0.12548823	0.13815422	0.32902372	0.55760064	TANGO6
25839	ENSG00000103051	1641.24928	-0.00066972	0.08305817	0.99212333	0.99756121	COG4
55512	ENSG00000103056	608.217601	-2.85064854	0.14160543	1.64E-91	4.47E-89	SMPD3
84138	ENSG00000103061	678.804809	0.08300581	0.10671646	0.41835618	0.6444567	SLC7A6OS
9057	ENSG00000103064	1022.72369	-0.37359331	0.11516114	0.00064654	0.00403246	SLC7A6
23659	ENSG00000103066	182.265453	0.32530058	0.19580744	0.05537548	0.16106869	PLA2G15
80004	ENSG00000103067	3.33536588	0.03598659	0.37249045	0.72501701	0.86844186	ESRP2
79152	ENSG00000103089	2.42508199	0.0272696	0.37414243	0.76773843	NA	FA2H
79726	ENSG00000103091	993.594099	-0.03032072	0.11518757	0.76391579	0.89137736	WDR59
22879	ENSG00000103111	1175.33812	0.12903523	0.08264783	0.10933108	0.26588975	MON1B
56942	ENSG00000103121	446.031248	-0.05168101	0.12436999	0.65965024	0.83126657	CMC2
8312	ENSG00000103126	848.654012	-0.04571919	0.08642032	0.58651023	0.78217133	AXIN1
54985	ENSG00000103145	264.167571	-0.07709639	0.14905581	0.572488	0.7723153	HCFC1R1

8131	ENSG00000103148	1039.49834	0.2361664	0.08691899	0.00520395	0.02401637	NPRL3
23417	ENSG00000103150	343.744796	0.04509051	0.13003388	0.71312755	0.86187687	MLYCD
4350	ENSG00000103152	522.822802	-0.16423011	0.10555157	0.10456761	0.25755703	MPG
54550	ENSG00000103154	24.6831528	-0.20913045	0.33894113	0.30367293	0.53104502	NECAB2
83693	ENSG00000103160	788.155588	-0.20777089	0.10252269	0.03492402	0.11312533	HSDL1
9013	ENSG00000103168	1941.41263	0.56608168	0.07114988	6.02E-16	1.74E-14	TAF1C
51172	ENSG00000103174	175.838293	0.52151151	0.23055737	0.00732904	0.03209895	NAGPA
58189	ENSG00000103175	0.39948737	-0.02383611	0.38540824	0.65894985	NA	WFDC1
9717	ENSG00000103184	0.81326998	-0.03812067	0.38409693	0.49180648	NA	SEC14L5
23406	ENSG00000103187	129.659037	-0.68803119	0.21521329	0.00029602	0.00202169	COTL1
9100	ENSG00000103194	1672.9629	-0.20139785	0.07046206	0.00358764	0.01764473	USP10
83716	ENSG00000103196	5.92591177	-0.0487854	0.36493407	0.6923528	0.85128158	CRISPLD2
7249	ENSG00000103197	4178.26911	0.39324987	0.07395901	5.77E-08	7.85E-07	TSC2
26048	ENSG00000103199	293.649293	0.17253876	0.14946987	0.20956712	0.4178638	ZNF500
NA	ENSG00000103200	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
4833	ENSG00000103202	5414.19112	0.48510814	0.05703059	7.67E-18	2.51E-16	NME4
4363	ENSG00000103222	3113.05597	0.01322972	0.07831911	0.86458282	0.94007513	ABCC1
408050	ENSG00000103226	1509.05509	0.36858387	0.10998059	0.00045507	0.00297583	NOMO3
64788	ENSG00000103227	129.367082	0.94011659	0.25576637	2.98E-05	0.00025691	LMF1
2294	ENSG00000103241	0	NA	NA	NA	NA	FOXF1
64428	ENSG00000103245	598.635149	0.14135779	0.1060087	0.16488749	0.35458137	CIAO3
64779	ENSG00000103248	277.677442	0.04521009	0.14323689	0.73501733	0.87400323	MTHFSD
1186	ENSG00000103249	1551.98637	0.35487566	0.11168227	0.00087096	0.00525065	CLCN7
84264	ENSG00000103253	481.766743	-0.32107725	0.1189771	0.00440389	0.02093774	HAGHL
65990	ENSG00000103254	550.031759	-0.10292786	0.10944246	0.32508844	0.55302396	ANTKMT
8140	ENSG00000103257	2442.24281	0.12045461	0.2283467	0.51688463	0.7308667	SLC7A5
79006	ENSG00000103260	426.363639	-0.29397398	0.12106104	0.01016273	0.04193604	METRN
79791	ENSG00000103264	575.892449	-0.43729977	0.12857459	0.00030398	0.00207106	FBXO31
10273	ENSG00000103266	1703.19734	0.13071617	0.06843346	0.05221966	0.15396613	STUB1
9028	ENSG00000103269	40.980964	0.34462735	0.35477636	0.12785522	0.29839402	RHBDL1
4682	ENSG00000103274	319.944611	-0.12331524	0.12705202	0.30255974	0.52987991	NUBP1
7329	ENSG00000103275	2709.32127	0.09444352	0.07215936	0.18277983	0.38071934	UBE2I
7783	ENSG00000103310	0	NA	NA	NA	NA	ZP2
4210	ENSG00000103313	0.43880265	-0.02654222	0.38563237	0.5780147	NA	MEFV
1428	ENSG00000103316	30.6858606	1.66609361	0.48252735	3.55E-05	0.00030166	CRYM
29904	ENSG00000103319	898.248235	-0.01763027	0.0880033	0.83243042	0.92392457	EEF2K
6650	ENSG00000103326	1877.18994	-0.12000909	0.07448696	0.1004517	0.25008931	CAPN15
9780	ENSG00000103335	289.837051	0.34181635	0.21422313	0.05875568	0.16840693	PIEZO1

2935	ENSG00000103342	3136.39704	-0.27895837	0.06601548	1.74E-05	0.00015765	GSPT1
7727	ENSG00000103343	169.073224	0.05375901	0.17513176	0.73122174	0.87162779	ZNF174
23059	ENSG00000103351	295.634513	0.37487461	0.17054212	0.01448906	0.05602473	CLUAP1
56061	ENSG00000103353	2804.94577	-0.06932122	0.07306024	0.33325272	0.56270076	UBFD1
260429	ENSG00000103355	0.69252051	0.04040802	0.38716153	0.35603027	NA	PRSS33
124454	ENSG00000103356	779.776589	-0.12402963	0.10938695	0.23563538	0.45240308	EARS2
6923	ENSG00000103363	1768.3665	0.0555295	0.07140465	0.42908808	0.65470334	ELOB
23062	ENSG00000103365	1888.0715	-0.09911019	0.09263951	0.26929979	0.49229778	GGA2
343	ENSG00000103375	0.18922458	0.01954053	0.38488496	0.78225479	NA	AQP8
55313	ENSG00000103381	343.950513	-0.51074916	0.13873307	8.49E-05	0.00065647	CPPED1
57478	ENSG00000103404	520.118018	0.01430674	0.13226296	0.91291677	0.96282372	USP31
3163	ENSG00000103415	447.150211	-0.4537484	0.12928373	0.00019552	0.00139337	HMOX2
9093	ENSG00000103423	1003.13788	-0.06867803	0.10116684	0.48074271	0.70158112	DNAJA3
100529144	ENSG00000103426	8.98066911	0.01442512	0.36498042	0.90535714	0.95855092	CORO7-PAM16
51283	ENSG00000103429	1304.93048	-0.08874316	0.08968004	0.30823974	0.53579716	BFAR
6299	ENSG00000103449	0.34109801	0.02362643	0.38535338	0.62411213	NA	SALL1
27324	ENSG00000103460	0	NA	NA	NA	NA	TOX3
NA	ENSG00000103472	4.57064213	0.18613322	0.42683604	0.14252794	0.32128606	RRN3P2
5934	ENSG00000103479	1341.77734	0.24163395	0.1097922	0.02129601	0.07661794	RBL2
23475	ENSG00000103485	4140.83718	0.29469126	0.05378661	3.04E-08	4.29E-07	QPRT
64131	ENSG00000103489	1519.40294	0.0439461	0.07587458	0.55440068	0.76030342	XYLT1
29108	ENSG00000103490	3.95808471	0.11855277	0.39216425	0.30398098	0.53126299	PYCARD
23322	ENSG00000103494	456.668813	-0.28310178	0.12724634	0.01796475	0.06684557	RPGRIP1L
4150	ENSG00000103495	6983.48869	-0.12673078	0.05552897	0.02096223	0.075589	MAZ
6810	ENSG00000103496	342.728771	0.14085091	0.13638263	0.26796606	0.49058288	STX4
10423	ENSG00000103502	1110.67433	-0.10106718	0.07980516	0.19488313	0.39811381	CDIPT
10295	ENSG00000103507	960.429245	-0.01926961	0.0906522	0.82644076	0.92144622	BCKDK
84148	ENSG00000103510	1171.60574	0.06615195	0.08036128	0.39967621	0.62831531	KAT8
23420	ENSG00000103512	3207.27318	0.21057565	0.07849686	0.00608157	0.02744208	NOMO1
50615	ENSG00000103522	2.94641292	-0.14308076	0.4133539	0.12759414	0.29804636	IL21R
51760	ENSG00000103528	93.4967349	1.19665109	0.26704438	6.99E-07	8.13E-06	SYT17
79838	ENSG00000103534	7.16324248	-0.03589252	0.36721689	0.74227413	0.87857766	TMC5
9738	ENSG00000103540	1592.94939	-0.49478901	0.08216883	7.05E-10	1.24E-08	CCP110
57020	ENSG00000103544	777.216493	0.25203797	0.10289561	0.0108141	0.04419191	VPS35L
6530	ENSG00000103546	5275.73957	-0.10465368	0.0717609	0.13710005	0.31261521	SLC6A2
9810	ENSG00000103549	2884.66801	-0.15863908	0.07209709	0.02486927	0.0867909	RNF40
400506	ENSG00000103550	1587.17162	-0.02385874	0.09550838	0.79553101	0.90599479	KNOP1
366	ENSG00000103569	0	NA	NA	NA	NA	AQP9

79719	ENSG00000103591	780.42015	-0.15473037	0.12645408	0.19362144	0.39643441	AAGAB
64799	ENSG00000103599	49.1662352	0.9957656	0.43678653	0.00201393	0.01076702	IQCH
114294	ENSG00000103642	69.9073986	0.3237777	0.28081185	0.12270302	0.28988186	LACTB
10391	ENSG00000103647	6.95235233	-0.22163614	0.43040914	0.16546037	0.35554356	CORO2B
1445	ENSG00000103653	1820.0049	-0.28521194	0.07713368	0.0001544	0.00112413	CSK
8925	ENSG00000103657	2287.39335	-0.04168098	0.21799915	0.79169153	0.90499209	HERC1
9325	ENSG00000103671	350.395349	0.15707088	0.14451705	0.23993468	0.4579339	TRIP4
123263	ENSG00000103707	228.043826	0.05474606	0.15285529	0.69723208	0.85387893	MTFMT
51285	ENSG00000103710	7.83980473	0.04030669	0.36236383	0.75359895	0.88490786	RASL12
8120	ENSG00000103723	1523.16208	-1.53505099	0.09896011	2.18E-55	2.58E-53	AP3B2
23205	ENSG00000103740	18.8608338	2.64003515	0.71574972	7.43E-06	7.23E-05	ACSBG1
57722	ENSG00000103742	173.034221	1.10050958	0.22808768	1.53E-07	1.98E-06	IGDCC4
8766	ENSG00000103769	2517.00483	0.06105983	0.06911611	0.36972549	0.59909782	RAB11A
1512	ENSG00000103811	277.809276	0.41745833	0.17040233	0.00658082	0.02935328	CTSH
NA	ENSG00000103832	4.28220094	0.11343987	0.38594492	0.35628774	0.58627757	GOLGA8UP
64927	ENSG00000103852	137.231816	-0.31098491	0.23454699	0.10235373	0.25371038	TTC23
80381	ENSG00000103855	2547.14906	0.00995261	0.07860553	0.89886752	0.95556135	CD276
2184	ENSG00000103876	183.167702	0.07963763	0.17383896	0.60849258	0.79733788	FAH
57214	ENSG00000103888	8.45926903	0.01455865	0.34863819	0.92349587	0.96825748	CEMIP
26015	ENSG00000103932	1381.73058	0.07531968	0.09496958	0.41347837	0.64069125	RPAP1
9455	ENSG00000103942	532.587042	-0.26201489	0.12942926	0.03084399	0.10243712	HOMER2
30844	ENSG00000103966	485.934167	0.12531188	0.10987244	0.23387523	0.45084382	EHD4
25963	ENSG00000103978	826.25512	-0.12593993	0.10598751	0.21534274	0.42596211	TMEM87A
64397	ENSG00000103994	1876.3997	-0.17124234	0.08708835	0.04305124	0.13277051	ZNF106
22995	ENSG00000103995	843.455649	0.03316584	0.08931943	0.7035514	0.85751377	CEP152
79895	ENSG00000104043	3.22076333	0.01686987	0.36882402	0.87540966	0.94499851	ATP8B4
4948	ENSG00000104044	69.3778356	0.33820213	0.27303287	0.10450944	0.25747762	OCA2
56986	ENSG00000104047	376.747383	0.16439454	0.13171798	0.1830684	0.38124037	DTWD1
9333	ENSG00000104055	0	NA	NA	NA	NA	TGM5
23359	ENSG00000104059	26.6067571	1.52097581	0.53204754	0.00025513	0.00177169	FAM189A1
2553	ENSG00000104064	497.977581	-0.02371034	0.11532934	0.82850558	0.92220943	GABPB1
7082	ENSG00000104067	1608.66501	0.39924292	0.08146042	5.14E-07	6.12E-06	TJP1
90427	ENSG00000104081	476.703531	0.87180698	0.13445149	1.46E-11	3.06E-10	BMF
23312	ENSG00000104093	2235.89226	-0.37328248	0.09735982	7.08E-05	0.00056184	DMXL2
29106	ENSG00000104112	1792.1521	-1.84430021	0.07460883	4.75E-136	2.69E-133	SCG3
55192	ENSG00000104129	343.128703	-0.00646089	0.13714448	0.95867518	0.98300251	DNAJC17
8669	ENSG00000104131	1356.53326	-0.39832395	0.09225627	8.32E-06	8.03E-05	EIF3J
80208	ENSG00000104133	1504.95711	0.07148853	0.11550991	0.51701038	0.7309546	SPG11

171177	ENSG00000104140	30.2359747	-0.11605393	0.30708708	0.54871276	0.75521756	RHOV
57617	ENSG00000104142	543.924655	-0.24730267	0.10745085	0.01601509	0.06081137	VPS18
11339	ENSG00000104147	182.204259	-0.10766154	0.1656696	0.47007374	0.69237291	OIP5
7782	ENSG00000104154	239.713823	-0.23339637	0.16014463	0.10779283	0.26339391	SLC30A4
26258	ENSG00000104164	1252.82917	0.07974606	0.0876039	0.34954202	0.58004303	BLOC1S6
50804	ENSG00000104177	4356.15622	0.07864104	0.06780804	0.23922878	0.45707811	MYEF2
23678	ENSG00000104205	57.6788381	0.85706589	0.41682737	0.00421947	0.0201916	SGK3
5157	ENSG00000104213	18.0086244	-0.14277316	0.33440439	0.45089835	0.67429441	PDGFRL
79848	ENSG00000104218	445.260742	-0.03041667	0.11239699	0.77641222	0.89723881	CSPP1
51201	ENSG00000104219	104.63722	2.27553706	0.42074968	3.31E-09	5.31E-08	ZDHHC2
55290	ENSG00000104221	221.391992	-0.08872925	0.15341712	0.52989034	0.74155494	BRF2
23087	ENSG00000104228	536.377267	0.54066325	0.11823005	1.67E-06	1.81E-05	TRIM35
79752	ENSG00000104231	377.358063	-0.25310775	0.14485227	0.05811561	0.16717612	ZFAND1
6101	ENSG00000104237	0	NA	NA	NA	NA	RP1
760	ENSG00000104267	0	NA	NA	NA	NA	CA2
7976	ENSG00000104290	929.464841	-0.41963843	0.25949469	0.04127316	0.12847387	FZD3
55756	ENSG00000104299	729.032095	0.2913278	0.1068396	0.00441904	0.02099971	INTS9
8767	ENSG00000104312	247.552701	-0.05502319	0.14569214	0.68210782	0.84486322	RIPK2
2138	ENSG00000104313	2015.84856	0.32261074	0.07414888	8.88E-06	8.50E-05	EYA1
4683	ENSG00000104320	948.169285	-0.0925804	0.09567375	0.31702375	0.54483775	NBN
8989	ENSG00000104321	0.34457596	0.00783944	0.38356596	0.90071784	NA	TRPA1
10404	ENSG00000104324	3.07963713	-0.21744607	0.47081029	0.02161376	0.07746569	CPQ
1666	ENSG00000104325	344.454656	-0.2755874	0.12677024	0.02081852	0.07530345	DECR1
793	ENSG00000104327	151.402464	-2.19054077	0.24666914	3.43E-20	1.30E-18	CALB1
54928	ENSG00000104331	1580.25284	-0.11094048	0.07744487	0.14317482	0.32228142	BPNT2
6422	ENSG00000104332	377.779061	0.41458587	0.12478754	0.00043624	0.00286401	SFRP1
55353	ENSG00000104341	6485.63574	-0.09738504	0.05504231	0.07361393	0.1986805	LAPTM4B
55284	ENSG00000104343	382.962884	0.03701963	0.12693465	0.75829836	0.8876941	UBE2W
10940	ENSG00000104356	528.941448	0.0594978	0.11296476	0.58238426	0.77918294	POP1
79815	ENSG00000104361	172.971414	0.38032792	0.27807348	0.07204343	0.19555978	NIPAL2
3551	ENSG00000104365	680.684965	0.36794763	0.12102619	0.00132693	0.00753901	IKBKB
5327	ENSG00000104368	215.942327	0.00016386	0.17538809	0.99893658	0.99962651	PLAT
56704	ENSG00000104369	128.574634	0.39543546	0.23940187	0.04314362	0.13291451	JPH1
27121	ENSG00000104371	0	NA	NA	NA	NA	DKK4
6788	ENSG00000104375	190.58647	0.74113877	0.19322028	2.39E-05	0.00021102	STK3
54332	ENSG00000104381	2396.24074	-0.53982913	0.06756072	4.89E-16	1.43E-14	GDAP1
5862	ENSG00000104388	1310.00354	0.09309453	0.07638096	0.21373426	0.4238788	RAB2A
3646	ENSG00000104408	4660.54109	-0.18063782	0.0614454	0.00288172	0.01462605	EIF3E

9694	ENSG00000104412	203.909896	0.16452964	0.17000494	0.28165064	0.50647591	EMC2
54845	ENSG00000104413	0	NA	NA	NA	NA	ESRP1
8840	ENSG00000104415	0	NA	NA	NA	NA	CCN4
10397	ENSG00000104419	353.489477	0.46197159	0.18580723	0.0050867	0.02356843	NDRG1
51101	ENSG00000104427	421.326762	-0.02877555	0.13421326	0.81811881	0.9171248	ZC2HC1A
3574	ENSG00000104432	54.9596824	0.22766027	0.29482701	0.27088775	0.4942105	IL7
11075	ENSG00000104435	11987.5147	-0.51868594	0.04679702	5.58E-29	3.09E-27	STMN2
55156	ENSG00000104442	711.77921	-0.17220515	0.11873549	0.12591388	0.29508254	ARMC1
7227	ENSG00000104447	367.502097	1.82247724	0.21013736	2.27E-19	8.23E-18	TRPS1
6674	ENSG00000104450	91.0732253	-0.09493713	0.27111921	0.62221279	0.80700149	SPAG1
54108	ENSG00000104472	435.666626	0.24380681	0.11726056	0.0286976	0.09699494	CHRAC1
83988	ENSG00000104490	620.887785	-0.11818716	0.10788246	0.25056698	0.47053941	NCALD
64089	ENSG00000104497	144.522117	0.29237752	0.2070464	0.09697867	0.24355834	SNX16
2765	ENSG00000104499	0	NA	NA	NA	NA	GML
51366	ENSG00000104517	3686.98439	-0.01695471	0.08042515	0.82793891	0.9221528	UBR5
79792	ENSG00000104518	33.1969154	1.08759366	0.47920974	0.00182007	0.00986885	GSDMD
7264	ENSG00000104522	658.572384	-0.04081654	0.09799697	0.66576876	0.83494641	GFUS
65263	ENSG00000104524	181.225178	0.03598422	0.16642263	0.81153354	0.9146404	PYCR3
1936	ENSG00000104529	4992.97284	0.51877493	0.06466629	4.03E-16	1.18E-14	EEF1D
312	ENSG00000104537	0	NA	NA	NA	NA	ANXA13
6713	ENSG00000104549	1614.22143	-0.46481384	0.10494724	4.05E-06	4.13E-05	SQLE
63898	ENSG00000104611	0	NA	NA	NA	NA	SH2D4A
55174	ENSG00000104613	734.921681	0.26424595	0.11721036	0.01756072	0.06560027	INTS10
90459	ENSG00000104626	573.400735	-0.05723098	0.10406003	0.56700617	0.76856463	ERII
23516	ENSG00000104635	1790.01282	-0.13143344	0.07174145	0.06189596	0.175546	SLC39A14
66036	ENSG00000104643	909.656443	-0.10494222	0.09666104	0.260834	0.48273755	MTMR9
23484	ENSG00000104660	1470.40931	0.06908672	0.09693249	0.46469904	0.68746767	LEPROTL1
10671	ENSG00000104671	436.475235	0.00726629	0.11549524	0.94805863	0.97876335	DCTN6
203069	ENSG00000104679	678.907202	-0.26295381	0.11114275	0.01311452	0.05177953	R3HCC1
2936	ENSG00000104687	1025.24562	0.17317218	0.0975953	0.06627961	0.18422352	GSR
8797	ENSG00000104689	68.9457208	0.74476939	0.3226792	0.00327953	0.01631544	TNFRSF10A
7993	ENSG00000104691	207.248997	-0.33787064	0.16285509	0.02192379	0.0784433	UBXN8
5516	ENSG00000104695	927.225718	0.08275853	0.0848202	0.31750104	0.54538707	PPP2CB
157697	ENSG00000104714	396.876844	0.19606977	0.12902872	0.1059864	0.25995429	ERICH1
4741	ENSG00000104722	1929.70801	-2.26945602	0.07303193	3.12E-213	6.88E-210	NEFM
7991	ENSG00000104723	1628.14017	-0.18071425	0.07128959	0.00978201	0.04078904	TUSC3
9639	ENSG00000104728	670.239587	0.11527255	0.11902517	0.30827393	0.53579981	ARHGEF10
54758	ENSG00000104731	1196.97362	0.02262777	0.08005159	0.77413983	0.89604057	KLHDC4

4173	ENSG00000104738	3845.36866	-0.57615999	0.08518026	4.31E-12	9.42E-11	MCM4
2515	ENSG00000104755	0	NA	NA	NA	NA	ADAM2
54793	ENSG00000104756	431.681369	-0.05025345	0.15446524	0.716717	0.8636823	KCTD9
2267	ENSG00000104760	1.43737226	0.06748064	0.38989989	0.25958163	NA	FGL1
427	ENSG00000104763	1056.23164	-0.04582106	0.08622286	0.58519011	0.78119847	ASAH1
665	ENSG00000104765	1059.21575	-0.0113835	0.10793322	0.91015888	0.9614798	BNIP3L
4125	ENSG00000104774	920.056432	0.27429709	0.1076167	0.00774993	0.03359374	MAN2B1
3783	ENSG00000104783	2.34131822	-0.00470251	0.37368775	0.95649651	NA	KCNN4
7288	ENSG00000104804	11.4892263	0.08562113	0.35577992	0.57643737	0.77519944	TULP2
4924	ENSG00000104805	2506.53223	0.31350206	0.07887892	4.72E-05	0.00038923	NUCB1
27294	ENSG00000104808	10.8774244	0.33619746	0.48946143	0.10185517	0.25269559	DHDH
2997	ENSG00000104812	747.840621	-0.10758129	0.12039148	0.34434485	0.5746805	GYS1
11184	ENSG00000104814	17.8915069	-0.89013459	0.8232409	0.01378764	0.05387961	MAP4K1
114336	ENSG00000104818	0.52119901	0.02576573	0.38568143	0.51723676	NA	CGB2
1891	ENSG00000104823	1458.76941	0.01410593	0.08025931	0.85811921	0.93662789	ECH1
3191	ENSG00000104824	5508.62535	0.18317593	0.08708882	0.030564	0.10186289	HNRNPL
4793	ENSG00000104825	412.546982	0.16573775	0.12744042	0.16773066	0.35871254	NFKBIB
3972	ENSG00000104826	2.9063243	0.14738227	0.41059195	0.16731958	0.35828164	LHB
1082	ENSG00000104827	0	NA	NA	NA	NA	CGB3
10382	ENSG00000104833	1233.89011	-0.15916497	0.08497793	0.05432577	0.15863564	TUBB4A
54938	ENSG00000104835	466.92116	0.32803523	0.11344587	0.00241258	0.01257963	SARS2
3743	ENSG00000104848	1.6759716	0.04924646	0.38310892	0.48408204	NA	KCNA7
6625	ENSG00000104852	4804.28419	0.0988406	0.05476723	0.0688017	0.18908793	SNRNP70
1209	ENSG00000104853	1409.15141	0.01880145	0.07748187	0.80502626	0.91147183	CLPTM1
5971	ENSG00000104856	50.6508871	0.33024846	0.31403361	0.13214088	0.30511168	RELB
11129	ENSG00000104859	1149.24016	0.20869892	0.08568923	0.01233968	0.04936867	CLASRP
64130	ENSG00000104863	52.440105	-0.09861304	0.25024689	0.60521791	0.79522617	LIN7B
284352	ENSG00000104866	524.814086	0.08585905	0.11471187	0.43324494	0.65856418	PPP1R37
2217	ENSG00000104870	515.703439	0.77045285	0.13343003	1.53E-09	2.58E-08	FCGRT
55011	ENSG00000104872	1749.58597	0.13552098	0.09266068	0.13167873	0.30441691	PIH1D1
1158	ENSG00000104879	0.4692364	-0.00817449	0.38327906	0.85817344	NA	CKM
23370	ENSG00000104880	808.621081	0.07221607	0.09007756	0.40991557	0.63781075	ARHGEF18
10848	ENSG00000104881	202.826197	0.73170769	0.18899997	2.15E-05	0.00019198	PPP1R13L
92960	ENSG00000104883	34.1935822	-0.04575721	0.2789001	0.8110582	0.91443965	PEX11G
2068	ENSG00000104884	969.196055	0.10064232	0.09155144	0.25794238	0.47930849	ERCC2
84444	ENSG00000104885	2797.7624	0.27273742	0.07525157	0.00021415	0.00151359	DOT1L
55111	ENSG00000104886	1335.61883	0.10223033	0.08027286	0.19286878	0.39542384	PLEKHJ1
57030	ENSG00000104888	18.7966319	0.43233631	0.48703714	0.07678034	0.20499556	SLC17A7

10535	ENSG00000104889	932.711102	-0.041798	0.08555475	0.61546536	0.80271053	RNASEH2A
147700	ENSG00000104892	8.36904398	0.14546085	0.3828358	0.3388902	0.56911982	KLC3
951	ENSG00000104894	14.8774689	0.76095358	0.73133547	0.02136277	0.07678212	CD37
8175	ENSG00000104897	2372.12503	0.24847196	0.06561881	0.0001192	0.00088976	SF3A2
268	ENSG00000104899	1165.12369	0.15568889	0.0994192	0.1046155	0.25761097	AMH
27120	ENSG00000104901	6.10768604	0.3220163	0.56268075	0.03648897	0.11718772	DKKL1
4066	ENSG00000104903	232.510222	-0.66826346	0.15788735	5.57E-06	5.56E-05	LYL1
4946	ENSG00000104904	5274.2933	0.11694774	0.06390395	0.06345632	0.17887414	OAZ1
55621	ENSG00000104907	688.902107	0.17356539	0.09816853	0.06706797	0.18576413	TRMT1
8677	ENSG00000104915	1634.37593	-0.00661767	0.08546803	0.93597194	0.97325384	STX10
56729	ENSG00000104918	0	NA	NA	NA	NA	RETN
2208	ENSG00000104921	0	NA	NA	NA	NA	FCER2
1760	ENSG00000104936	1696.24342	0.44588108	0.07353757	6.32E-10	1.12E-08	DMPK
10332	ENSG00000104938	0	NA	NA	NA	NA	CLEC4M
81492	ENSG00000104941	0.45209736	-0.02505403	0.38558831	0.57865948	NA	RSPH6A
79735	ENSG00000104946	683.125049	-0.10012353	0.10596208	0.32300555	0.55059971	TBC1D17
259307	ENSG00000104951	4.43855707	-0.07733217	0.3796787	0.45685967	0.68033445	IL4I1
79816	ENSG00000104953	65.9501587	0.46158438	0.31037633	0.04294624	0.13257414	TLE6
81576	ENSG00000104957	641.126674	0.50499112	0.09916026	1.39E-07	1.80E-06	CCDC130
53635	ENSG00000104960	3381.01115	0.19070848	0.0734214	0.00807852	0.03481275	PTOV1
166	ENSG00000104964	7572.22837	0.15112174	0.05684465	0.00717899	0.03156719	TLE5
4858	ENSG00000104967	1285.95731	-0.47181032	0.08387695	7.97E-09	1.21E-07	NOVA2
6449	ENSG00000104969	2531.5619	0.02700088	0.0619394	0.65926261	0.83105722	SGTA
NA	ENSG00000104970	0	NA	NA	NA	NA	KIR3DX1
10859	ENSG00000104972	0	NA	NA	NA	NA	LILRB1
81857	ENSG00000104973	1482.16975	0.2441515	0.08161463	0.00216358	0.0114529	MED25
11024	ENSG00000104974	0	NA	NA	NA	NA	LILRA1
6618	ENSG00000104976	349.29738	-0.08190476	0.13455492	0.51467772	0.72937777	SNAPC2
28974	ENSG00000104979	1032.93863	0.0056874	0.08452261	0.94555548	0.97783794	C19orf53
10469	ENSG00000104980	802.281934	0.19676497	0.11094974	0.06336256	0.17866872	TIMM44
729440	ENSG00000104983	134.258878	0.3918308	0.20673453	0.02732696	0.09328405	CCDC61
9466	ENSG00000104998	168.631144	-0.00021712	0.16564001	0.99770294	0.99926338	IL27RA
55723	ENSG00000105011	551.846834	-0.3716119	0.11560378	0.00071339	0.00439826	ASF1B
7138	ENSG00000105048	176.301571	0.3758017	0.18161437	0.01965592	0.07192429	TNNT1
51231	ENSG00000105053	381.127147	0.1271205	0.13543918	0.31574289	0.54363784	VRK3
26017	ENSG00000105058	1680.30649	0.02761528	0.06913527	0.68559748	0.8470175	FAM32A
22870	ENSG00000105063	1913.09231	-0.07089794	0.07943887	0.36105306	0.59083575	PPP6R1
84167	ENSG00000105072	276.038766	0.17974651	0.14162369	0.1715053	0.3639214	C19orf44

9441	ENSG00000105085	242.03599	-0.07971715	0.17306952	0.60482911	0.79489995	MED26
93145	ENSG00000105088	1148.90318	0.510367	0.09104106	8.11E-09	1.24E-07	OLFM2
64926	ENSG00000105122	0.173124	-0.01911262	0.38486262	0.84537521	NA	RASAL3
10270	ENSG00000105127	669.854292	0.17884859	0.10456211	0.07486177	0.20117262	AKAP8
79852	ENSG00000105131	5.91914505	-0.00847415	0.35790332	0.94665672	0.97814213	EPHX3
10994	ENSG00000105135	806.898889	-0.12800556	0.09955942	0.18216727	0.3798422	ILVBL
79744	ENSG00000105136	336.966858	0.02389821	0.15975502	0.87041698	0.94340743	ZNF419
85360	ENSG00000105137	616.404977	0.42516935	0.10576987	2.84E-05	0.00024661	SYDE1
23581	ENSG00000105141	0	NA	NA	NA	NA	CASP14
6511	ENSG00000105143	0	NA	NA	NA	NA	SLC1A6
6795	ENSG00000105146	8.3096471	0.04946678	0.36509856	0.68779288	0.84840902	AURKC
10775	ENSG00000105171	359.798068	-0.2803506	0.12452029	0.01691669	0.06370327	POP4
898	ENSG00000105173	208.551069	-0.33312728	0.16327932	0.02407477	0.08462852	CCNE1
8725	ENSG00000105176	1283.768	0.02129027	0.08038038	0.78808619	0.90384589	URI1
9141	ENSG00000105185	776.066912	-0.03515331	0.10454709	0.72545943	0.86866734	PDCD5
84079	ENSG00000105186	683.861109	-0.10191596	0.12904551	0.40187634	0.63031025	ANKRD27
6217	ENSG00000105193	17040.4796	0.03104179	0.05094491	0.53908761	0.74843996	RPS16
92609	ENSG00000105197	1072.54668	-0.00771256	0.12123221	0.94433002	0.97728379	TIMM50
29124	ENSG00000105198	0	NA	NA	NA	NA	LGALS13
2091	ENSG00000105202	2975.15108	0.04397789	0.06645975	0.50265498	0.71947729	FBL
9149	ENSG00000105204	583.396581	0.44583872	0.13486505	0.00040909	0.00270004	DYRK1B
1178	ENSG00000105205	0	NA	NA	NA	NA	CLC
79935	ENSG00000105219	6.1674186	-0.00402588	0.3592137	0.97281311	0.98992269	CCNP
2821	ENSG00000105220	5333.95789	-0.24321658	0.08274472	0.00254953	0.01319319	GPI
208	ENSG00000105221	3228.23964	0.07235997	0.06185548	0.23473681	0.45159871	AKT2
23646	ENSG00000105223	3928.1534	0.2898498	0.05715497	2.91E-07	3.61E-06	PLD3
57716	ENSG00000105227	76.0454464	0.70859592	0.28736975	0.00243053	0.01265661	PRX
51588	ENSG00000105229	753.157385	-0.01143357	0.10860604	0.91166175	0.96237542	PIAS4
9253	ENSG00000105245	863.025092	0.51513071	0.09781822	5.29E-08	7.25E-07	NUMBL
10148	ENSG00000105246	0.29863895	-0.02292439	0.3852726	0.68753245	NA	EBI3
55702	ENSG00000105248	282.22158	-0.12272592	0.13686702	0.33598696	0.56592082	YJU2
56961	ENSG00000105251	3307.77644	0.85578663	0.06160514	1.25E-44	1.09E-42	SHD
1155	ENSG00000105254	1399.05263	-0.00036994	0.08015006	0.9955125	0.99852582	TBCB
79187	ENSG00000105255	2200.26818	0.15179893	0.0696151	0.02643182	0.09095225	FSD1
5438	ENSG00000105258	561.580346	0.13169617	0.11508117	0.23064573	0.44661441	POLR2I
728361	ENSG00000105261	0.52158967	0.01056479	0.38325086	0.77480829	NA	OVOL3
25999	ENSG00000105270	1576.31537	-0.20925843	0.10003076	0.02974619	0.0997008	CLIP3
23217	ENSG00000105278	16.9632831	-0.35428426	0.46811648	0.1052119	0.25869427	ZFR2

6510	ENSG00000105281	2467.97415	0.03413123	0.06936875	0.61760831	0.8042894	SLC1A5
25865	ENSG00000105287	1128.66572	0.12600585	0.08451452	0.126306	0.29571761	PRKD2
27134	ENSG00000105289	3.36002555	0.14026115	0.40566924	0.19658011	0.4001795	TJP3
333	ENSG00000105290	2864.85499	-0.35896198	0.06430552	1.41E-08	2.08E-07	APLP1
58509	ENSG00000105298	989.684773	0.21986816	0.08597153	0.00857766	0.03655871	CACTIN
26093	ENSG00000105321	537.579893	0.31462662	0.12496865	0.0075986	0.03309688	CCDC9
11100	ENSG00000105323	6661.45029	-0.07394747	0.05638779	0.1844054	0.38305969	HNRNPUL1
51343	ENSG00000105325	1417.35399	0.03182287	0.08406538	0.69872227	0.85472333	FZR1
27113	ENSG00000105327	366.350466	0.77445183	0.13262331	1.04E-09	1.79E-08	BBC3
7040	ENSG00000105329	62.5847985	0.36830055	0.28784079	0.08601088	0.2230953	TGFB1
22898	ENSG00000105339	259.964346	-0.36786737	0.18059886	0.02146655	0.07708533	DENND3
55101	ENSG00000105341	1118.90427	0.06036415	0.09421954	0.50923921	0.72487486	DMAC2
1089	ENSG00000105352	0	NA	NA	NA	NA	CEACAM4
10226	ENSG00000105355	665.722904	0.27397541	0.09957737	0.0042911	0.02048009	PLIN3
79784	ENSG00000105357	0.173124	-0.01911262	0.38486262	0.84537521	NA	MYH14
51073	ENSG00000105364	975.285542	0.12997561	0.08466525	0.11567025	0.27763099	MRPL4
27181	ENSG00000105366	0	NA	NA	NA	NA	SIGLEC8
973	ENSG00000105369	0.97071832	0.00424683	0.38089891	0.93873791	NA	CD79A
3982	ENSG00000105370	0	NA	NA	NA	NA	LIM2
3386	ENSG00000105371	0	NA	NA	NA	NA	ICAM4
6223	ENSG00000105372	13226.9937	-0.05164857	0.0522507	0.31660239	0.54452953	RPS19
29997	ENSG00000105373	6863.74875	0.00541687	0.05366928	0.92014981	0.96637405	NOP53
4818	ENSG00000105374	0.48531136	0.01796065	0.38416958	0.79443464	NA	NKG7
7087	ENSG00000105376	7.93155467	0.17108844	0.39843268	0.26201887	0.48394839	ICAM5
2109	ENSG00000105379	653.395162	-0.24908555	0.10312994	0.01188192	0.04786922	ETFB
945	ENSG00000105383	0	NA	NA	NA	NA	CD33
1048	ENSG00000105388	0	NA	NA	NA	NA	CEACAM5
1406	ENSG00000105392	0	NA	NA	NA	NA	CRX
29086	ENSG00000105393	1603.42156	0.17019921	0.0714363	0.0152515	0.05840372	BABAM1
7297	ENSG00000105397	1927.61322	0.13962833	0.07808359	0.06776912	0.18713142	TYK2
6822	ENSG00000105398	0	NA	NA	NA	NA	SULT2A1
11140	ENSG00000105401	3825.9914	0.21984448	0.06491293	0.0005841	0.00369531	CDC37
8775	ENSG00000105402	1111.31706	0.04679656	0.09779112	0.6214621	0.80672374	NAPA
10567	ENSG00000105404	787.154812	0.33796748	0.10008544	0.00045569	0.00297789	RABAC1
478	ENSG00000105409	5023.86091	-1.99776744	0.07749345	9.81E-148	7.48E-145	ATP1A3
56917	ENSG00000105419	1693.97059	0.09070641	0.06929392	0.18351833	0.38180295	MEIS3
5802	ENSG00000105426	5352.44547	0.0215015	0.05572426	0.69750362	0.85389371	PTPRS
84518	ENSG00000105427	40.5921481	0.53493235	0.36736747	0.03360634	0.10980726	CNFN

148066	ENSG00000105428	0.33836517	0.00209965	0.3833763	0.96840955	NA	ZNRF4
1954	ENSG00000105429	4693.684	-0.03927219	0.05688714	0.48435321	0.70452718	MEGF8
10945	ENSG00000105438	1939.18483	0.00087866	0.08538239	0.99251754	0.99756121	KDELR1
9266	ENSG00000105443	2740.2806	0.41742142	0.07628025	2.27E-08	3.27E-07	CYTH2
83743	ENSG00000105447	1133.16456	-0.1193921	0.08699877	0.15852939	0.34569581	GRWD1
2906	ENSG00000105464	255.500287	0.69526066	0.18714888	4.42E-05	0.0003673	GRIN2D
23546	ENSG00000105467	1.0130207	-0.02269175	0.38298927	0.63582114	NA	SYNGR4
6320	ENSG00000105472	66.7076818	-0.20510139	0.24262037	0.28433608	0.50950396	CLEC11A
93233	ENSG00000105479	11.0160896	0.25380405	0.42823037	0.17146193	0.36389846	ODAD1
22900	ENSG00000105483	748.395622	0.68599038	0.10593947	2.28E-11	4.67E-10	CARD8
3978	ENSG00000105486	1421.28029	-0.02554016	0.08690631	0.76227228	0.890245	LIG1
946	ENSG00000105492	0	NA	NA	NA	NA	SIGLEC6
7728	ENSG00000105497	332.2538	-0.13848885	0.16423966	0.34938776	0.58004303	ZNF175
8605	ENSG00000105499	6.12424534	-0.11239136	0.3878715	0.32428329	0.55216104	PLA2G4C
NA	ENSG00000105501	0.16735865	0.01897177	0.38482933	0.78225479	NA	SIGLEC5
56344	ENSG00000105507	0	NA	NA	NA	NA	CABP5
3036	ENSG00000105509	2.3872068	0.07630564	0.38968056	0.28766667	NA	HAS1
9545	ENSG00000105514	534.311746	-0.1605977	0.119691	0.15700571	0.34378031	RAB3D
1628	ENSG00000105516	103.238891	-0.61303617	0.2978839	0.00847115	0.0361669	DBP
374882	ENSG00000105518	422.370144	0.12336977	0.12136426	0.28392489	0.50908899	TMEM205
828	ENSG00000105519	136.301186	0.35125572	0.21034713	0.04946205	0.14780908	CAPS
64748	ENSG00000105520	1142.41697	-0.15804261	0.07724692	0.03657485	0.11739928	PLPPR2
54854	ENSG00000105523	9.50195527	0.10836121	0.35721843	0.50771866	0.72359301	FAM83E
54922	ENSG00000105538	28.276517	0.40485686	0.47691892	0.08346203	0.21813816	RASIP1
51298	ENSG00000105549	0.32326427	-0.0232685	0.38532065	0.66893092	NA	THEG
26291	ENSG00000105550	1.31792497	0.07638453	0.39125895	0.21740716	NA	FGF21
587	ENSG00000105552	555.851738	0.29019314	0.10531647	0.00407382	0.01960892	BCAT2
54531	ENSG00000105556	543.214817	0.18017419	0.14978502	0.19064356	0.39199589	MIER2
57664	ENSG00000105559	165.973303	2.28597424	0.21932686	1.33E-26	6.68E-25	PLEKHA4
5518	ENSG00000105568	5019.99324	0.11745925	0.06606856	0.07124486	0.19407647	PPP2R1A
30000	ENSG00000105576	4337.85372	-0.01807746	0.0781226	0.81244142	0.91506317	TNPO2
51398	ENSG00000105583	1411.46004	0.11223968	0.08001807	0.15152313	0.33547806	WDR83OS
59284	ENSG00000105605	988.874497	-0.39516286	0.09763621	2.74E-05	0.0002386	CACNG7
2639	ENSG00000105607	382.206703	0.23880831	0.14114221	0.06810057	0.18779383	GCDH
10990	ENSG00000105609	0	NA	NA	NA	NA	LILRB5
10661	ENSG00000105610	7.72288365	0.05307281	0.3532594	0.72209843	0.86742752	KLF1
1777	ENSG00000105612	409.790904	0.49842573	0.13051179	5.18E-05	0.00042177	DNASE2
22983	ENSG00000105613	1902.3618	-0.17505133	0.08259904	0.02960757	0.09932622	MAST1

79165	ENSG00000105617	121.715251	-0.31659618	0.22884669	0.09208519	0.23452762	LENG1
26121	ENSG00000105618	1318.67914	0.04050709	0.07737368	0.59001542	0.78468333	PRPF31
29844	ENSG00000105619	272.663503	-0.03360921	0.14251999	0.79839302	0.90769144	TFPT
3718	ENSG00000105639	34.3148797	0.46484449	0.38022989	0.05898442	0.16891612	JAK3
6142	ENSG00000105640	17518.1918	-0.00381475	0.05072471	0.93844237	0.97434175	RPL18A
6528	ENSG00000105641	12.1135218	0.01094918	0.33251867	0.94995674	0.97937756	SLC5A5
3780	ENSG00000105642	335.532131	0.22688603	0.13205533	0.06665334	0.185029	KCNN1
27106	ENSG00000105643	222.850526	0.60664532	0.16632348	7.37E-05	0.00058162	ARRDC2
5296	ENSG00000105647	3987.34775	-0.29018088	0.0601742	1.01E-06	1.14E-05	PIK3R2
5864	ENSG00000105649	591.910588	-0.44099505	0.11508919	5.80E-05	0.00046612	RAB3A
5143	ENSG00000105650	119.101996	-0.36512938	0.28756066	0.08745186	0.22586501	PDE4C
51477	ENSG00000105655	1973.418	0.01482861	0.07081763	0.83269739	0.92397742	ISYNA1
8178	ENSG00000105656	327.171252	-0.25103758	0.13644156	0.0482092	0.14474434	ELL
23373	ENSG00000105662	794.948705	-0.04274821	0.09760249	0.64962979	0.82525848	CRTC1
1311	ENSG00000105664	4.0924842	-0.10791642	0.38371626	0.37757023	0.60636177	COMP
11045	ENSG00000105668	0.34624801	-0.02356563	0.38536324	0.65270996	NA	UPK1A
11316	ENSG00000105669	2404.35032	0.08524959	0.073082	0.23579379	0.45260728	COPE
54555	ENSG00000105671	1176.86625	-0.23989556	0.08778481	0.00489121	0.02280528	DDX49
2116	ENSG00000105672	9.12842975	0.04546527	0.35217803	0.75938414	0.88850157	ETV2
495	ENSG00000105675	1.75812907	0.11235116	0.40398771	0.09882788	NA	ATP4A
93436	ENSG00000105676	931.097416	-0.24690572	0.09739132	0.00857459	0.03655403	ARMC6
10430	ENSG00000105677	912.729861	0.12607079	0.08790577	0.14068989	0.318644	TMEM147
26330	ENSG00000105679	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAPDHS
NA	ENSG00000105694	0	NA	NA	NA	NA	ELOCP28
4099	ENSG00000105695	0	NA	NA	NA	NA	MAG
25789	ENSG00000105696	858.512182	-0.14035003	0.10571771	0.16554125	0.35564031	TMEM59L
57817	ENSG00000105697	0.64036599	-0.02529949	0.38298116	0.63542976	NA	HAMP
7392	ENSG00000105698	1614.70238	-0.08667765	0.08210944	0.27929346	0.50378964	USF2
51599	ENSG00000105699	19.2257146	0.07074017	0.31316609	0.70638633	0.85848115	LSR
79036	ENSG00000105700	1653.76152	0.10838297	0.07712556	0.15148382	0.33542846	KXD1
23770	ENSG00000105701	4599.58146	0.07124187	0.05745051	0.20958481	0.4178638	FKBP8
57794	ENSG00000105705	671.781914	-0.04288929	0.10803952	0.67711017	0.84229976	SUGP1
3249	ENSG00000105707	0.3390049	-0.00270765	0.38338649	0.98584234	NA	HPN
7561	ENSG00000105708	106.266289	-0.34681826	0.24368243	0.07688776	0.20525474	ZNF14
6324	ENSG00000105711	111.573617	1.34366324	0.26198235	2.45E-08	3.51E-07	SCN1B
80714	ENSG00000105717	73.9190789	0.5567518	0.30705876	0.01726867	0.06477791	PBX4
2077	ENSG00000105722	1365.99131	-0.28175311	0.07889167	0.00025449	0.00176852	ERF
2931	ENSG00000105723	1971.08021	0.0611463	0.07700987	0.41844209	0.6444567	GSK3A

57130	ENSG00000105726	2844.90307	0.23791433	0.06669975	0.00028718	0.00196671	ATP13A1
64763	ENSG00000105732	493.76052	-0.09790596	0.11127783	0.35695829	0.58708883	ZNF574
2901	ENSG00000105737	1549.65937	-0.2804262	0.08241881	0.00047692	0.0030963	GRIK5
23094	ENSG00000105738	1174.96233	0.10464739	0.22194404	0.56681975	0.76856055	SIPA1L3
7639	ENSG00000105750	298.005069	-0.47764754	0.14652348	0.00044403	0.00291031	ZNF85
23474	ENSG00000105755	207.726653	0.33360047	0.16481592	0.02518137	0.08766423	ETHE1
199731	ENSG00000105767	1101.3391	0.07096489	0.08768106	0.40588925	0.63413204	CADM4
56006	ENSG00000105771	745.324751	0.04473279	0.12703418	0.71208704	0.86159535	SMG9
23080	ENSG00000105778	2238.88917	-0.20167458	0.09253936	0.02437059	0.08536592	AVL9
154661	ENSG00000105784	88.0471043	-0.32731943	0.28750126	0.12052347	0.28609544	RUNDC3B
79846	ENSG00000105792	76.5765681	1.48600575	0.38931834	8.42E-06	8.12E-05	CFAP69
85865	ENSG00000105793	417.969134	-0.09843122	0.15090163	0.47860842	0.70031648	GTPBP10
101927446	ENSG00000105793	417.969134	-0.09843122	0.15090163	0.47860842	0.70031648	GTPBP10
10156	ENSG00000105808	1731.88834	0.02227554	0.08081368	0.76770921	0.89307241	RASA4
1021	ENSG00000105810	14529.6004	0.24600262	0.04873162	3.53E-07	4.33E-06	CDK6
9512	ENSG00000105819	2013.53138	-0.05633263	0.07723509	0.45646408	0.67989846	PMPCB
27000	ENSG00000105821	1030.82026	0.02811543	0.08523389	0.73476744	0.87375845	DNAJC2
7980	ENSG00000105825	497.584194	4.36841102	0.15437454	2.51E-177	3.12E-174	TFPI2
10282	ENSG00000105829	451.594608	0.21049623	0.12045835	0.06509028	0.18195793	BET1
10135	ENSG00000105835	962.935483	-0.10093482	0.09166716	0.25617866	0.47732763	NAMPT
221830	ENSG00000105849	528.653222	-0.1068385	0.11034141	0.31065445	0.5384279	POLR1F
5294	ENSG00000105851	0.16735865	0.01897177	0.38482933	0.78225479	NA	PIK3CG
5446	ENSG00000105852	0.36623983	0.02391775	0.38539601	0.6083452	NA	PON3
5445	ENSG00000105854	871.296713	0.62268306	0.09507443	1.68E-11	3.49E-10	PON2
3696	ENSG00000105855	159.393303	1.07806936	0.2070012	2.21E-08	3.19E-07	ITGB8
26959	ENSG00000105856	962.471965	0.24345971	0.08995562	0.00557542	0.02551703	HBP1
11062	ENSG00000105865	291.805274	-0.14497386	0.16090368	0.31959568	0.54727882	DUS4L
6671	ENSG00000105866	695.80776	-0.65673686	0.13952112	6.23E-07	7.32E-06	SP4
29062	ENSG00000105875	457.071382	0.25476164	0.16913288	0.09334088	0.23674616	WDR91
8701	ENSG00000105877	1.02288836	0.02349086	0.38188096	0.67819013	NA	DNAH11
79872	ENSG00000105879	934.151268	-0.08992508	0.09844259	0.3438519	0.57419443	CBLL1
1749	ENSG00000105880	31.103362	0.11498053	0.30300145	0.55693004	0.76235124	DLX5
136319	ENSG00000105887	6551.62104	-0.2816469	0.05856269	1.10E-06	1.24E-05	MTPN
767558	ENSG00000105887	6551.62104	-0.2816469	0.05856269	1.10E-06	1.24E-05	MTPN
256227	ENSG00000105889	2.12063112	0.11474906	0.40292562	0.14757341	NA	STEAP1B
401312	ENSG00000105889	2.12063112	0.11474906	0.40292562	0.14757341	NA	STEAP1B
5764	ENSG00000105894	420.926857	1.29431185	0.1229052	6.14E-27	3.13E-25	PTN
51678	ENSG00000105926	1954.86798	0.35721885	0.09072487	4.91E-05	0.00040275	MPP6

1687	ENSG00000105928	1549.39229	0.09000513	0.08720136	0.28953013	0.51546747	GSDME
50617	ENSG00000105929	1.01765974	0.00026751	0.38026894	0.98595981	NA	ATP6V0A4
56829	ENSG00000105939	1032.64287	0.02160381	0.08731548	0.80019123	0.90848606	ZC3HAV1
79989	ENSG00000105948	300.231924	0.13911973	0.14003854	0.28589907	0.51156544	TTC26
4967	ENSG00000105953	2211.76445	0.03074076	0.07430702	0.6742826	0.84019291	OGDH
64111	ENSG00000105954	0	NA	NA	NA	NA	NPVF
11033	ENSG00000105963	10.5864665	-0.06865039	0.35230277	0.64824209	0.82448382	ADAP1
22797	ENSG00000105967	0	NA	NA	NA	NA	TFEC
94239	ENSG00000105968	5374.65553	-0.04545136	0.06041569	0.44504591	0.66983089	H2AZ2
858	ENSG00000105971	0	NA	NA	NA	NA	CAV2
857	ENSG00000105974	0	NA	NA	NA	NA	CAV1
4233	ENSG00000105976	25.6563996	0.32533426	0.48707155	0.09129941	0.23321491	MET
140545	ENSG00000105982	69.8254586	0.51394282	0.29077715	0.02209999	0.07890295	RNF32
64327	ENSG00000105983	2374.41125	0.07778796	0.07296477	0.27781602	0.50226626	LMBR1
NA	ENSG00000105988	0	NA	NA	NA	NA	NHP2P1
7472	ENSG00000105989	0	NA	NA	NA	NA	WNT2
3198	ENSG00000105991	0.16735865	0.01897177	0.38482933	0.78225479	NA	HOXA1
10049	ENSG00000105993	4091.4782	0.22337375	0.06870104	0.00093656	0.00560354	DNAJB6
3199	ENSG00000105996	0	NA	NA	NA	NA	HOXA2
3200	ENSG00000105997	0	NA	NA	NA	NA	HOXA3
3955	ENSG00000106003	74.1568182	0.22404201	0.24659625	0.24893503	0.46831699	LFNG
3202	ENSG00000106004	0	NA	NA	NA	NA	HOXA5
3203	ENSG00000106006	0	NA	NA	NA	NA	HOXA6
221927	ENSG00000106009	1893.41047	-0.02224314	0.07456355	0.75856114	0.88794931	BRAT1
23288	ENSG00000106012	914.63776	0.0976299	0.09269495	0.27791246	0.50239483	IQCE
56311	ENSG00000106013	33.6129877	-0.0408289	0.291604	0.82879402	0.92238028	ANKRD7
7434	ENSG00000106018	2.54834583	-0.00710735	0.37452758	0.93207977	NA	VIPR2
23554	ENSG00000106025	104.078651	1.59155396	0.27702277	7.33E-10	1.28E-08	TSPAN12
6742	ENSG00000106028	2003.60717	-0.00545955	0.0747349	0.94102481	0.97559098	SSBP1
3209	ENSG00000106031	0	NA	NA	NA	NA	HOXA13
79974	ENSG00000106034	61.3698658	1.82523251	0.36045252	2.84E-08	4.04E-07	CPED1
2128	ENSG00000106038	0	NA	NA	NA	NA	EVX1
11112	ENSG00000106049	627.882631	0.2402592	0.09955922	0.01225464	0.04906802	HIBADH
8887	ENSG00000106052	1856.61863	0.01734142	0.07201402	0.8072004	0.91260538	TAX1BP1
54504	ENSG00000106066	149.831128	0.99285197	0.19997315	8.75E-08	1.16E-06	CPVL
1124	ENSG00000106069	64.0484336	-0.23409382	0.27478603	0.24697264	0.46604299	CHN2
2887	ENSG00000106070	0.16735865	0.01897177	0.38482933	0.78225479	NA	GRB10
83451	ENSG00000106077	137.546931	-0.24366751	0.20520019	0.16227169	0.35094147	ABHD11

23242	ENSG00000106078	6.93865314	0.36497182	0.64325696	0.01484918	0.0572054	COBL
55033	ENSG00000106080	717.765551	0.08338539	0.11230827	0.43783367	0.66289835	FKBP14
84725	ENSG00000106086	1825.77122	0.03478742	0.08195633	0.66464552	0.83444869	PLEKHA8
6804	ENSG00000106089	932.742486	-0.75047356	0.10745842	5.89E-13	1.36E-11	STX1A
10392	ENSG00000106100	465.570328	0.36399204	0.11327966	0.00075043	0.00459948	NOD1
2617	ENSG00000106105	4455.76178	0.45807511	0.10356447	4.38E-06	4.46E-05	GARS1
1395	ENSG00000106113	10.9264594	-3.76194275	1.09086852	5.91E-05	0.00047436	CRHR2
2051	ENSG00000106123	1.50149908	-0.04488918	0.38394934	0.46828219	NA	EPHB6
84182	ENSG00000106125	263.4895	-0.10982759	0.14531006	0.41292754	0.64038252	MINDY4
2692	ENSG00000106128	0	NA	NA	NA	NA	GHRHR
260294	ENSG00000106133	438.823972	0.47601021	0.11889869	2.63E-05	0.00022962	NSUN5P2
835	ENSG00000106144	1742.14466	-0.39512038	0.07153414	1.78E-08	2.61E-07	CASP2
51142	ENSG00000106153	6804.17905	-0.31502007	0.05782978	3.43E-08	4.81E-07	CHCHD2
6369	ENSG00000106178	0	NA	NA	NA	NA	CCL24
3315	ENSG00000106211	3064.92376	0.47021632	0.0805037	2.28E-09	3.75E-08	HSPB1
4885	ENSG00000106236	2494.81023	-0.58269978	0.06778114	2.63E-18	9.00E-17	NPTX2
11333	ENSG00000106244	5961.05308	0.13567597	0.06444027	0.0326032	0.10714717	PDAP1
8896	ENSG00000106245	1419.18352	0.0658345	0.07434966	0.36720587	0.59642771	BUD31
26024	ENSG00000106246	608.643632	0.39913382	0.10732515	0.00010521	0.00079639	PTCD1
1577	ENSG00000106258	76.5172849	-0.33708299	0.29611641	0.1164007	0.27891182	CYP3A5
7586	ENSG00000106261	6862.67187	0.02916675	0.05566923	0.59742721	0.78921427	ZKSCAN1
8662	ENSG00000106263	4377.33425	-0.08289541	0.05652303	0.13803874	0.31414184	EIF3B
29886	ENSG00000106266	684.945675	-0.22420266	0.14209904	0.08753214	0.22594959	SNX8
4521	ENSG00000106268	699.901931	0.05425036	0.0966251	0.56257795	0.76559067	NUDT1
5803	ENSG00000106278	0	NA	NA	NA	NA	PTPRZ1
6878	ENSG00000106290	1974.5265	0.30521428	0.07192426	1.53E-05	0.00014009	TAF6
8976	ENSG00000106299	1728.4581	0.17692368	0.0757586	0.01711513	0.06428705	WASL
23553	ENSG00000106302	0.173733	0.01914545	0.38484597	0.78225479	NA	HYAL4
6677	ENSG00000106304	0.18922458	0.01954053	0.38488496	0.78225479	NA	SPAM1
7965	ENSG00000106305	518.499272	-0.21934594	0.10824342	0.03400391	0.11087545	AIMP2
7036	ENSG00000106327	236.569706	-1.18410544	0.16396208	5.34E-14	1.34E-12	TFR2
29999	ENSG00000106328	10.413746	0.18760936	0.38847695	0.2787647	0.50317912	FSCN3
64598	ENSG00000106330	497.215282	0.19863346	0.10958275	0.05809227	0.16713321	MOSPD3
5078	ENSG00000106331	0.34687871	-0.00470809	0.38343604	0.96739424	NA	PAX4
5118	ENSG00000106333	9470.52215	0.63421903	0.06059604	6.08E-26	2.99E-24	PCOLCE
26261	ENSG00000106336	18.9519765	0.203596	0.37604742	0.28250959	0.50756047	FBXO24
10842	ENSG00000106341	0	NA	NA	NA	NA	PPP1R17
55131	ENSG00000106344	2356.46362	-0.22585667	0.09880188	0.01766055	0.06588665	RBM28

84132	ENSG00000106346	1112.73079	0.24320391	0.07932972	0.00169959	0.00934124	USP42
3614	ENSG00000106348	2635.58376	-0.42906174	0.08581567	2.88E-07	3.58E-06	IMPDH1
3268	ENSG00000106351	170.20902	-0.03618221	0.19263482	0.8266543	0.92144622	AGFG2
23658	ENSG00000106355	1351.11879	-0.40071517	0.09836612	2.42E-05	0.00021288	LSM5
5054	ENSG00000106366	7.48067163	-0.28288184	0.48441043	0.09480412	0.23954582	SERPINE1
1174	ENSG00000106367	2323.52018	-0.0969482	0.06638305	0.1375419	0.31322672	AP1S1
346606	ENSG00000106384	0	NA	NA	NA	NA	MOGAT3
56913	ENSG00000106392	744.991669	-0.16169959	0.11689384	0.14506009	0.32541747	C1GALT1
8985	ENSG00000106397	3565.05078	0.35706325	0.06517544	2.60E-08	3.70E-07	PLOD3
6119	ENSG00000106399	641.559704	0.0003431	0.10610849	0.99819185	0.99941443	RPA3
10467	ENSG00000106400	1494.64285	0.06497903	0.08125301	0.41361771	0.64081351	ZNHIT1
24146	ENSG00000106404	653.630158	0.50264718	0.09902635	1.53E-07	1.97E-06	CLDN15
135935	ENSG00000106410	0	NA	NA	NA	NA	NOBOX
113263	ENSG00000106415	1678.08452	0.03353935	0.08304605	0.67983078	0.84376374	GLCCI1
93408	ENSG00000106436	0	NA	NA	NA	NA	MYL10
9678	ENSG00000106443	2793.89569	-0.21996464	0.06599644	0.0007026	0.0043385	PHF14
4899	ENSG00000106459	516.462436	0.03882384	0.11324341	0.72046622	0.86656864	NRF1
54664	ENSG00000106460	1544.10496	0.07809306	0.09867896	0.41330163	0.64061753	TMEM106B
2146	ENSG00000106462	2575.32253	0.18065644	0.07341133	0.0121023	0.04856587	EZH2
95681	ENSG00000106477	901.994088	-0.25253829	0.0980718	0.00753649	0.03287688	CEP41
643641	ENSG00000106479	887.719833	0.46235803	0.10661777	6.29E-06	6.21E-05	ZNF862
6424	ENSG00000106483	3.35666611	-0.08951247	0.38319247	0.40343848	0.6314966	SFRP4
4232	ENSG00000106484	39.2259909	2.23391927	0.44382782	3.02E-08	4.26E-07	MEST
4223	ENSG00000106511	0	NA	NA	NA	NA	MEOX2
57037	ENSG00000106524	193.952889	0.44924963	0.1735153	0.00404668	0.01949455	ANKMY2
653857	ENSG00000106526	21.823934	0.04553696	0.30608242	0.80963984	0.91359357	ACTR3C
11281	ENSG00000106536	0	NA	NA	NA	NA	POU6F2
27075	ENSG00000106537	359.512133	0.36809789	0.13657821	0.00388992	0.0188234	TSPAN13
5919	ENSG00000106538	16.294079	2.23717233	0.70500027	8.46E-05	0.00065457	RARRES2
NA	ENSG00000106540	0	NA	NA	NA	NA	
10551	ENSG00000106541	0	NA	NA	NA	NA	AGR2
196	ENSG00000106546	0	NA	NA	NA	NA	AHR
54927	ENSG00000106554	1962.84039	-0.20117983	0.08009119	0.01006548	0.04165471	CHCHD3
26157	ENSG00000106560	0	NA	NA	NA	NA	GIMAP2
28959	ENSG00000106565	2.08256655	-0.06911144	0.38421728	0.41384591	NA	TMEM176B
2737	ENSG00000106571	0	NA	NA	NA	NA	GLI3
5683	ENSG00000106588	1728.20093	-0.24089602	0.08924308	0.00538576	0.02479774	PSMA2
64983	ENSG00000106591	689.678218	0.15142764	0.10170363	0.12200963	0.28884077	MRPL32

55744	ENSG00000106603	2329.84776	0.17762997	0.06191412	0.00363193	0.01780958	COA1
644	ENSG00000106605	683.802617	0.03791853	0.10589128	0.71029729	0.86089825	BLVRA
55665	ENSG00000106608	1428.41192	0.03840832	0.07598477	0.60668039	0.79627805	URGCP
55069	ENSG00000106609	2208.88894	0.01613916	0.06939685	0.81398681	0.91592004	TMEM248
64940	ENSG00000106610	331.79688	-0.18827703	0.14664618	0.16395498	0.35322761	STAG3L4
101929736	ENSG00000106610	331.79688	-0.18827703	0.14664618	0.16395498	0.35322761	STAG3L4
6009	ENSG00000106615	2054.6863	-0.26661184	0.07072685	0.00012171	0.00090576	RHEB
51422	ENSG00000106617	259.054248	0.10223945	0.16296633	0.48876924	0.7085856	PRKAG2
165	ENSG00000106624	1719.80409	-0.27820906	0.0772898	0.00022904	0.001604	AEBP1
5425	ENSG00000106628	3089.17478	-0.09987067	0.06154428	0.09980746	0.2488914	POLD2
58498	ENSG00000106631	0.46871751	-0.02821432	0.38578887	0.54668481	NA	MYL7
2645	ENSG00000106633	52.7268276	0.17582694	0.26195069	0.37351163	0.60252627	GCK
9275	ENSG00000106635	1194.68394	-0.05341565	0.07903219	0.48922503	0.70874969	BCL7B
10652	ENSG00000106636	4174.02233	-0.05686693	0.06584596	0.37980925	0.60877488	YKT6
26608	ENSG00000106638	974.366114	0.23336843	0.09019329	0.00766251	0.03329483	TBL2
168391	ENSG00000106648	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GALNTL5
7461	ENSG00000106665	2008.25599	0.19325304	0.08202726	0.01575987	0.06002677	CLIP2
7458	ENSG00000106682	9799.18266	-0.06029968	0.05120503	0.23572155	0.45251238	EIF4H
3984	ENSG00000106683	1205.46614	0.08275518	0.0849281	0.31798861	0.54561048	LIMK1
55064	ENSG00000106686	78.752443	0.48231871	0.26142262	0.02131781	0.07666221	SPATA6L
6505	ENSG00000106688	77.4215168	-0.25239404	0.25649286	0.20179917	0.40725211	SLC1A1
9355	ENSG00000106689	1.43280255	-0.07694854	0.39114633	0.22102014	NA	LHX2
2218	ENSG00000106692	773.848545	-0.15191186	0.14639083	0.25982878	0.48146481	FKTN
83856	ENSG00000106701	348.327072	-0.7904933	0.14881013	1.98E-08	2.89E-07	FSD1L
79937	ENSG00000106714	187.276937	-0.99759863	0.21199164	3.06E-07	3.78E-06	CNTNAP3
10927	ENSG00000106723	2799.29449	0.03015731	0.07898495	0.70373831	0.85757322	SPIN1
54981	ENSG00000106733	2.21741499	0.06196062	0.38270153	0.45992697	NA	NMRK1
23731	ENSG00000106771	1114.97112	-0.09991631	0.09027017	0.25318337	0.47343619	TMEM245
158471	ENSG00000106772	0	NA	NA	NA	NA	PRUNE2
1955	ENSG00000106780	1008.16931	0.06115937	0.08464939	0.45941016	0.68258752	MEGF9
9830	ENSG00000106785	674.751728	0.11156094	0.0981872	0.23994236	0.4579339	TRIM14
7464	ENSG00000106789	221.766152	-0.15712799	0.15527996	0.26702669	0.48945025	CORO2A
7046	ENSG00000106799	1103.94737	-0.01533293	0.10417154	0.87707953	0.94574195	TGFBR1
10952	ENSG00000106803	732.102782	0.23001712	0.10694192	0.02469965	0.08632044	SEC61B
727	ENSG00000106804	405.477701	0.20410985	0.15349218	0.14729038	0.32889601	C5
4969	ENSG00000106809	1.03855236	-0.01321531	0.38113483	0.81116657	NA	OGN
54829	ENSG00000106819	0	NA	NA	NA	NA	ASPN
1842	ENSG00000106823	1.05688577	-0.00814344	0.38096817	0.88172235	NA	ECM2

7091	ENSG00000106829	1133.7881	0.28613864	0.09803318	0.00246887	0.01282596	TLE4
26468	ENSG00000106852	15.7476642	0.0180577	0.3462271	0.9073225	0.95963244	LHX6
22949	ENSG00000106853	51.5628826	1.54560731	0.41905078	1.51E-05	0.00013924	PTGR1
64420	ENSG00000106868	323.141496	-0.15454221	0.13652723	0.22487905	0.43874524	SUSD1
259	ENSG00000106927	1.63974568	0.10137474	0.40018473	0.12131541	NA	AMBP
80709	ENSG00000106948	380.521515	0.64172541	0.1667827	3.03E-05	0.0002597	AKNA
944	ENSG00000106952	0	NA	NA	NA	NA	TNFSF8
1759	ENSG00000106976	2971.13161	-0.46852815	0.07073369	1.54E-11	3.22E-10	DNM1
2022	ENSG00000106991	551.736778	-0.57503834	0.12905269	2.60E-06	2.74E-05	ENG
203	ENSG00000106992	508.808917	-0.26522187	0.12361985	0.02291255	0.08124326	AK1
55664	ENSG00000106993	258.733281	-0.18645246	0.13926051	0.14956112	0.33235804	CDC37L1
6019	ENSG00000107014	32.9129754	0.07084472	0.2886071	0.71569743	0.8628205	RLN2
6013	ENSG00000107018	9.22689226	0.17902032	0.38802126	0.28948123	0.51546747	RLN1
55848	ENSG00000107020	234.995409	-0.04507115	0.16055676	0.75616543	0.88670553	PLGRKT
54662	ENSG00000107021	792.777381	0.16749626	0.09491217	0.06833047	0.18818386	TBC1D13
57589	ENSG00000107036	886.383135	0.24913299	0.08697287	0.00321541	0.01603259	RIC1
23081	ENSG00000107077	389.597089	-0.00761702	0.12524882	0.94767777	0.97860443	KDM4C
81704	ENSG00000107099	0	NA	NA	NA	NA	DOCK8
23189	ENSG00000107104	0.34510075	-0.00733018	0.3835432	0.94764827	NA	KANK1
1993	ENSG00000107105	701.376317	-1.26157455	0.1149113	5.00E-29	2.79E-27	ELAVL2
23413	ENSG00000107130	3447.49955	-0.58487588	0.08052116	1.19E-13	2.89E-12	NCS1
7016	ENSG00000107140	319.154683	0.23527415	0.14101224	0.07220621	0.19574701	TESK1
57582	ENSG00000107147	158.57352	-3.29243184	0.25784126	1.02E-38	7.62E-37	KCNT1
768	ENSG00000107159	6.28898864	0.04218366	0.36254694	0.74213682	0.87846755	CA9
8939	ENSG00000107164	2256.88024	0.07179793	0.07894505	0.35314634	0.58328533	FUBP3
7306	ENSG00000107165	22.2381529	0.04053948	0.32548867	0.81843488	0.9171248	TYRP1
10488	ENSG00000107175	547.872282	-0.02014508	0.10338053	0.83835865	0.92668313	CREB3
9827	ENSG00000107185	1837.79354	0.09727183	0.07091215	0.16298174	0.35195933	RGP1
8777	ENSG00000107186	3021.9459	0.17889212	0.05682644	0.00145669	0.00817263	MPDZ
8022	ENSG00000107187	0.71866211	0.0519745	0.38872294	0.28945158	NA	LHX3
23586	ENSG00000107201	43.4592356	0.05274899	0.37398337	0.62425752	0.80849071	DDX58
8721	ENSG00000107223	2440.17609	0.09923499	0.06580228	0.12570482	0.29476228	EDF1
8395	ENSG00000107242	0	NA	NA	NA	NA	PIP5K1B
169792	ENSG00000107249	22.6836911	0.5917622	0.55612303	0.03622055	0.11645043	GLIS3
573	ENSG00000107262	1043.54182	-0.47949851	0.08473202	6.45E-09	9.96E-08	BAG1
2889	ENSG00000107263	1821.95731	-0.13955092	0.08224294	0.08232719	0.21594016	RAPGEF1
56654	ENSG00000107281	1435.15951	-0.3990929	0.0972398	2.12E-05	0.0001893	NPDC1
320	ENSG00000107282	415.152238	-2.3479612	0.15302982	2.00E-54	2.25E-52	APBA1

23064	ENSG00000107290	2567.4731	0.16776095	0.06861221	0.01289213	0.05112531	SETX
6456	ENSG00000107295	1.30147618	0.00572748	0.37796443	0.93723114	NA	SH3GL2
5730	ENSG00000107317	2.92301148	0.08636699	0.38268752	0.41807998	0.64419904	PTGDS
20	ENSG00000107331	3069.12995	-0.26343642	0.08726054	0.00187383	0.0101161	ABCA2
6461	ENSG00000107338	1341.51989	-1.18109626	0.08029803	6.19E-50	6.14E-48	SHB
54926	ENSG00000107341	2022.7277	-0.16634712	0.06985348	0.01531842	0.05859213	UBE2R2
51104	ENSG00000107362	463.053243	-0.03446764	0.11348475	0.74978614	0.88225829	ABHD17B
51010	ENSG00000107371	822.307656	-0.41654093	0.10225902	2.30E-05	0.00020377	EXOSC3
7763	ENSG00000107372	2407.54229	0.20196585	0.07051266	0.0035404	0.01744698	ZFAND5
1855	ENSG00000107404	1833.15903	0.15139768	0.07738398	0.04564895	0.13867733	DVL1
9124	ENSG00000107438	407.94237	0.45504679	0.12444486	0.00011282	0.00084628	PDLIM1
54619	ENSG00000107443	877.232334	0.18547518	0.09015751	0.03429505	0.11161645	CCNJ
1791	ENSG00000107447	0	NA	NA	NA	NA	DNTT
2625	ENSG00000107485	5312.62841	0.57860979	0.06266647	8.65E-21	3.37E-19	GATA3
26033	ENSG00000107518	516.084631	-0.46362423	0.15339114	0.00098422	0.00582939	ATRNL1
3257	ENSG00000107521	514.362674	0.13803212	0.12053055	0.22710191	0.44177223	HPS1
5264	ENSG00000107537	205.952075	0.05839088	0.15152396	0.67563347	0.84120289	PHYH
83937	ENSG00000107551	76.7871954	0.35318441	0.28111548	0.09539688	0.24073698	RASSF4
23268	ENSG00000107554	306.44503	-0.0698141	0.14292942	0.59751953	0.78921427	DNMBP
22841	ENSG00000107560	778.512569	0.13575024	0.10820387	0.19077464	0.39211202	RAB11FIP2
6387	ENSG00000107562	0.33010465	-0.00578571	0.3834757	0.96609971	NA	CXCL12
10613	ENSG00000107566	662.154562	-0.07797986	0.10289607	0.43072235	0.65613723	ERLIN1
8661	ENSG00000107581	8973.56714	-0.09567103	0.04753937	0.04243572	0.131407	EIF3A
9033	ENSG00000107593	0.32378099	-0.02327265	0.38532129	0.66863335	NA	PKD2L1
8029	ENSG00000107611	21.2815198	0.56133705	0.79124797	0.02808044	0.09528234	CUBN
1787	ENSG00000107614	208.17772	0.51347345	0.22182895	0.00662649	0.02951717	TRDMT1
79009	ENSG00000107625	1238.17985	-0.11398672	0.08200733	0.1558156	0.34200341	DDX50
5599	ENSG00000107643	1438.76007	-0.47933898	0.10624356	2.75E-06	2.89E-05	MAPK8
11196	ENSG00000107651	1180.17003	0.02067798	0.11763364	0.85435999	0.93466646	SEC23IP
11101	ENSG00000107669	1019.26629	-0.14847101	0.08472353	0.07188862	0.19532597	ATE1
54780	ENSG00000107672	807.00262	0.07700347	0.09026058	0.38049751	0.60938575	NSMCE4A
59338	ENSG00000107679	807.521782	-0.10516775	0.09199072	0.23832864	0.4558851	PLEKHA1
27143	ENSG00000107719	399.863294	-0.25514201	0.11826138	0.02281204	0.08096439	PALD1
219699	ENSG00000107731	9297.57591	0.26979997	0.04872255	2.38E-08	3.41E-07	UNC5B
64072	ENSG00000107736	90.668975	-0.62923626	0.32336892	0.01007625	0.04167381	CDH23
64115	ENSG00000107738	40.2885881	-0.05102015	0.32651263	0.76600022	0.89234011	VSIR
9806	ENSG00000107742	163.8965	-0.17021987	0.21961356	0.34609103	0.57691531	SPOCK2
10367	ENSG00000107745	1214.2823	0.10770943	0.10647459	0.29270568	0.51883147	MICU1

5532	ENSG00000107758	876.602581	-0.16493092	0.09151223	0.06293882	0.17770118	PPP3CB
54462	ENSG00000107771	741.322665	-0.33037875	0.13278436	0.00778442	0.03373589	CCSER2
657	ENSG00000107779	1093.60383	0.103474	0.13000665	0.39651527	0.62574474	BMPR1A
9562	ENSG00000107789	985.808488	-0.23481475	0.08425032	0.00419629	0.02009035	MINPP1
59	ENSG00000107796	40.4389988	0.40868304	0.35135605	0.08094966	0.21334235	ACTA2
3988	ENSG00000107798	516.295247	0.25477394	0.10584012	0.01207131	0.04849055	LIPA
3195	ENSG00000107807	71.8298336	-0.31328467	0.30275568	0.14315752	0.32228142	TLX1
56652	ENSG00000107815	1446.63357	-0.10278139	0.10309246	0.29957833	0.52654448	TWNK
84445	ENSG00000107816	1944.79336	0.30546897	0.07376009	2.36E-05	0.000209	LZTS2
81855	ENSG00000107819	1569.92053	-0.61578592	0.08758137	5.92E-13	1.37E-11	SFXN3
81621	ENSG00000107821	86.4283192	0.25390319	0.27952754	0.21609454	0.42689591	KAZALD1
6468	ENSG00000107829	660.79934	0.15167823	0.11242476	0.15729648	0.34408611	FBXW4
2253	ENSG00000107831	0.18922458	0.01954053	0.38488496	0.78225479	NA	FGF8
10360	ENSG00000107833	427.499808	0.01511653	0.128253	0.90147805	0.95673063	NPM3
80351	ENSG00000107854	1769.46967	-0.08222574	0.07274841	0.24739454	0.46634753	TNKS2
5309	ENSG00000107859	0.73627161	-0.04183898	0.38735754	0.35739953	NA	PITX3
8729	ENSG00000107862	1597.3975	0.09123227	0.12699406	0.44694016	0.67095132	GBF1
57584	ENSG00000107863	1093.58476	0.06170602	0.09238261	0.49192167	0.7110834	ARHGAP21
22849	ENSG00000107864	95.3543009	-0.49335623	0.24569939	0.01465527	0.0565733	CPEB3
79176	ENSG00000107872	394.955543	-0.77062385	0.15038146	5.71E-08	7.77E-07	FBXL15
79004	ENSG00000107874	1545.66227	0.01039103	0.07819227	0.89241528	0.9534988	CUEDC2
51684	ENSG00000107882	643.992075	-0.07149384	0.10073489	0.46120745	0.68434341	SUFU
22852	ENSG00000107890	589.865301	0.09773459	0.11577362	0.37607208	0.60513139	ANKRD26
91452	ENSG00000107897	871.991077	-0.32438189	0.11140447	0.00226247	0.01190013	ACBD5
64077	ENSG00000107902	203.043685	0.52828168	0.17718314	0.00096332	0.00573256	LHPP
23185	ENSG00000107929	1569.64397	-0.1401861	0.08098836	0.07616503	0.20371308	LARP4B
23560	ENSG00000107937	2410.69428	0.02154165	0.09766118	0.82058888	0.91840037	GTPBP4
26098	ENSG00000107938	1045.77848	0.02766785	0.09121021	0.75562563	0.88629101	EDRF1
56647	ENSG00000107949	818.162928	-0.03384891	0.09887671	0.72248824	0.86754018	BCCIP
55149	ENSG00000107951	393.896047	-0.19611838	0.16820917	0.19324588	0.39596861	MTPAP
9148	ENSG00000107954	361.392555	-1.53461156	0.15908515	3.88E-23	1.69E-21	NEURL1
9644	ENSG00000107957	1684.4346	-0.69646874	0.07924389	3.62E-19	1.30E-17	SH3PXD2A
10531	ENSG00000107959	743.950661	0.01508202	0.09389522	0.87112452	0.94384401	PITRM1
79991	ENSG00000107960	420.198708	0.01068393	0.11951318	0.92601273	0.96919669	STN1
1326	ENSG00000107968	27.053108	-0.01161037	0.31431805	0.94654738	0.97814213	MAP3K8
22943	ENSG00000107984	3027.79345	2.41502479	0.08238375	4.93E-190	7.52E-187	DKK1
253738	ENSG00000108001	65.9709196	1.91523583	0.33405691	5.76E-10	1.03E-08	EBF3
10539	ENSG00000108010	967.444931	-0.12819976	0.12340481	0.27130899	0.49473993	GLRX3

114815	ENSG00000108018	5339.48633	0.36831286	0.06755303	2.95E-08	4.17E-07	SORCS1
54906	ENSG00000108021	2500.7429	-0.07072141	0.06508419	0.26985698	0.49304379	TASOR2
7511	ENSG00000108039	1247.96376	-0.02251732	0.08840743	0.79208722	0.90499209	XPNPEP1
9126	ENSG00000108055	3323.49506	-0.22629576	0.06316096	0.00027546	0.00189427	SMC3
8036	ENSG00000108061	671.249123	-0.22390651	0.11069649	0.03404538	0.11097421	SHOC2
7019	ENSG00000108064	1145.39971	-0.53337813	0.08356692	6.56E-11	1.29E-09	TFAM
8030	ENSG00000108091	940.068653	-0.26202639	0.08582026	0.00168843	0.00929224	CCDC6
8453	ENSG00000108094	647.460282	-0.10022586	0.09787421	0.288812	0.51478125	CUL2
219771	ENSG00000108100	1343.24795	-0.12012368	0.09683171	0.19901611	0.40344126	CCNY
27338	ENSG00000108106	7284.63873	-0.32309001	0.06603478	6.87E-07	7.99E-06	UBE2S
6158	ENSG00000108107	10741.321	0.15225408	0.07810816	0.04693561	0.14178748	RPL28
57178	ENSG00000108175	8135.18476	-0.40697558	0.0655235	2.74E-10	5.03E-09	ZMIZ1
56521	ENSG00000108176	678.145263	0.03774954	0.09869435	0.69307658	0.8516694	DNAJC12
10105	ENSG00000108179	2232.83122	-0.29911412	0.07676446	6.69E-05	0.00053345	PPIF
64081	ENSG00000108187	99.8044929	-0.0501695	0.22122491	0.78012316	0.89936692	PBLD
81619	ENSG00000108219	1516.01869	0.1591982	0.08351071	0.05061551	0.15037611	TSPAN14
9211	ENSG00000108231	14.3908877	-0.00400387	0.33139697	0.97875651	0.99278156	LGI1
23232	ENSG00000108239	268.826838	-0.23544718	0.15223058	0.09107493	0.23285137	TBC1D12
1562	ENSG00000108242	1.10253973	-0.00116947	0.37984077	0.98446619	NA	CYP2C18
25984	ENSG00000108244	0	NA	NA	NA	NA	KRT23
1411	ENSG00000108255	0	NA	NA	NA	NA	CRYBA1
57532	ENSG00000108256	2429.68845	0.07836537	0.08703874	0.3555069	0.58591601	NUFIP2
28964	ENSG00000108262	2466.64162	0.23660009	0.07192665	0.00079012	0.00482338	GIT1
6143	ENSG00000108298	18930.982	-0.06947214	0.04622985	0.12960584	0.30116889	RPL19
84961	ENSG00000108306	490.845181	-0.04038784	0.11935399	0.7207976	0.86665199	FBXL20
10900	ENSG00000108309	1245.68196	-1.32289646	0.08945383	1.53E-50	1.54E-48	RUNDC3A
7343	ENSG00000108312	3003.50275	-0.00229401	0.07076586	0.97299383	0.98995885	UBTF
1440	ENSG00000108342	0.44765505	0.02632933	0.38557726	0.58574429	NA	CSF3
5709	ENSG00000108344	2955.28505	0.09876716	0.07710932	0.19107335	0.39259479	PSMD3
22794	ENSG00000108349	2076.8484	-0.48931453	0.06720988	1.38E-13	3.34E-12	CASC3
51195	ENSG00000108352	321.045307	-0.03237799	0.13355662	0.79600226	0.90627136	RAPGEFL1
8787	ENSG00000108370	233.924087	-0.82980921	0.17834306	5.40E-07	6.40E-06	RGS9
54894	ENSG00000108375	0.47596848	-0.00794879	0.38324764	0.85634226	NA	RNF43
7473	ENSG00000108379	160.702031	0.00773386	0.16842345	0.96042983	0.9839372	WNT3
101929777	ENSG00000108379	160.702031	0.00773386	0.16842345	0.96042983	0.9839372	WNT3
443	ENSG00000108381	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ASPA
5889	ENSG00000108384	587.891401	-0.17379871	0.10849842	0.09303836	0.23613676	RAD51C
5414	ENSG00000108387	91.5794228	0.09392198	0.21643833	0.60150661	0.79200883	SEPTIN4

9110	ENSG00000108389	3276.4592	0.06845533	0.09568087	0.46070197	0.68379794	MTMR4
4591	ENSG00000108395	1562.82161	-0.10635381	0.07388489	0.14119894	0.31935557	TRIM37
5023	ENSG00000108405	0.55665916	-0.01733583	0.38376366	0.71051265	NA	P2RX1
79665	ENSG00000108406	2838.01604	0.22749573	0.07202889	0.00128598	0.00734213	DHX40
8688	ENSG00000108417	0	NA	NA	NA	NA	KRT37
51174	ENSG00000108423	137.330045	0.20011754	0.21607651	0.26658324	0.48900406	TUBD1
3837	ENSG00000108424	10325.9936	-0.16078699	0.06670166	0.01422532	0.05527425	KPNB1
9570	ENSG00000108433	1765.51723	-0.02067287	0.08394629	0.79940799	0.90803676	GOSR2
55163	ENSG00000108439	590.413344	-0.11658967	0.10509883	0.24779864	0.46688746	PNPO
NA	ENSG00000108442	0	NA	NA	NA	NA	TVP23BP2
6198	ENSG00000108443	1106.89647	-0.01770188	0.11048593	0.8653819	0.9403131	RPS6KB1
147166	ENSG00000108448	443.78678	0.33450376	0.13414704	0.00764344	0.03322654	TRIM16L
NA	ENSG00000108452	0.18922458	0.01954053	0.38488496	0.78225479	NA	ZNF29P
80279	ENSG00000108465	4520.2584	0.29391789	0.05686973	1.71E-07	2.19E-06	CDK5RAP3
10951	ENSG00000108468	8228.81031	-0.09739125	0.04824205	0.04174111	0.12970144	CBX1
9400	ENSG00000108469	786.913389	0.39159017	0.12756607	0.00111777	0.00649722	RECQL5
9487	ENSG00000108474	202.702783	0.33035714	0.17495837	0.03427897	0.11160073	PIGL
2584	ENSG00000108479	474.680867	0.17440999	0.11493436	0.11129726	0.26948227	GALK1
57508	ENSG00000108506	998.843274	-0.16681757	0.09840021	0.07879057	0.20920837	INTS2
23125	ENSG00000108509	697.644723	0.16846022	0.13794593	0.18995045	0.39109764	CAMTA2
9969	ENSG00000108510	3437.38504	-0.08993239	0.06881567	0.1837229	0.38212206	MED13
3216	ENSG00000108511	0	NA	NA	NA	NA	HOXB6
2027	ENSG00000108515	326.361343	0.06188744	0.16330428	0.6754775	0.84111426	ENO3
NA	ENSG00000108516	0	NA	NA	NA	NA	
5216	ENSG00000108518	12191.1614	0.11428536	0.05714587	0.04334251	0.13334089	PFN1
26001	ENSG00000108523	960.991729	0.14904936	0.085897	0.07483467	0.20112705	RNF167
8402	ENSG00000108528	1101.07829	0.03524999	0.08417867	0.66840132	0.83697256	SLC25A11
51655	ENSG00000108551	16.4158345	0.04693394	0.32301726	0.79464964	0.90579008	RASD1
1145	ENSG00000108556	3.26730219	-0.0658602	0.37454209	0.5553795	0.76129842	CHRNE
10743	ENSG00000108557	2965.64326	-0.44128445	0.0888863	3.23E-07	3.97E-06	RAI1
4927	ENSG00000108559	1134.39831	-0.21720726	0.12866742	0.07202913	0.19555978	NUP88
708	ENSG00000108561	3808.88665	-0.1125761	0.06396481	0.07400147	0.19948222	C1QBP
6532	ENSG00000108576	4.22573552	-0.00309949	0.36599784	0.97584988	0.99164422	SLC6A4
642	ENSG00000108578	886.461708	0.13938071	0.09928369	0.1461443	0.32699131	BLMH
1362	ENSG00000108582	1962.61182	0.07864286	0.10964679	0.45470488	0.67793979	CPD
9527	ENSG00000108587	1151.82578	-0.13959385	0.10430533	0.16330719	0.3522953	GOSR1
57003	ENSG00000108588	2262.14771	-0.09236173	0.07373669	0.20135556	0.40672921	CCDC47
51003	ENSG00000108590	119.818279	0.0049412	0.20035023	0.97810407	0.9925115	MED31

1819	ENSG00000108591	847.52877	0.1864955	0.10780462	0.07106634	0.19367482	DRG2
117246	ENSG00000108592	4504.28229	0.20980187	0.06079203	0.00046262	0.00301725	FTSJ3
11216	ENSG00000108599	582.932545	0.11327769	0.13258273	0.36178062	0.59153844	AKAP10
218	ENSG00000108602	8.61631266	0.11655443	0.3808104	0.38602937	0.61516648	ALDH3A1
6603	ENSG00000108604	2932.52061	0.39005254	0.06120128	1.04E-10	1.99E-09	SMARCD2
3384	ENSG00000108622	12.9722805	-0.05457326	0.33361234	0.74925336	0.88205755	ICAM2
9144	ENSG00000108639	1049.49285	0.19461707	0.089259	0.02419628	0.08493526	SYNGR2
27077	ENSG00000108641	265.201554	0.37770185	0.16730909	0.01241976	0.04959348	B9D1
55813	ENSG00000108651	808.596373	-0.0016771	0.11542062	0.98758763	0.99589897	UTP6
1655	ENSG00000108654	23976.2845	0.32059642	0.05033515	6.47E-11	1.27E-09	DDX5
64149	ENSG00000108666	645.277122	0.2620755	0.1078495	0.01109939	0.04520876	C17orf75
9267	ENSG00000108669	1632.48656	-0.42332962	0.09358628	2.97E-06	3.11E-05	CYTH1
5717	ENSG00000108671	1803.65031	-0.0809402	0.07931557	0.29619329	0.52277154	PSMD11
3959	ENSG00000108679	4039.8094	0.28796904	0.05930276	8.72E-07	9.99E-06	LGALS3BP
40	ENSG00000108684	6.50085788	-1.89151098	1.54330811	0.00644398	0.02881418	ASIC2
6354	ENSG00000108688	0	NA	NA	NA	NA	CCL7
6347	ENSG00000108691	1.72932463	0.08712096	0.39265462	0.2408329	NA	CCL2
6355	ENSG00000108700	0	NA	NA	NA	NA	CCL8
6346	ENSG00000108702	0	NA	NA	NA	NA	CCL1
5193	ENSG00000108733	126.152773	-0.25400779	0.22105906	0.16521054	0.35517682	PEX12
3882	ENSG00000108759	0	NA	NA	NA	NA	KRT32
79132	ENSG00000108771	5.73552958	0.26164585	0.48910787	0.05973815	0.17060671	DHX58
2648	ENSG00000108773	911.06328	0.43553171	0.08797001	3.57E-07	4.37E-06	KAT2A
5878	ENSG00000108774	2056.17114	0.08675624	0.07740863	0.25268908	0.47273469	RAB5C
4669	ENSG00000108784	451.67595	0.05374246	0.13098853	0.66342638	0.83395929	NAGLU
NA	ENSG00000108785	6.71529656	0.22714716	0.45536447	0.09937985	0.24819941	HSD17B1P1
3292	ENSG00000108786	60.518987	-0.85682604	0.31967339	0.00096601	0.005742	HSD17B1
6945	ENSG00000108788	1006.91265	-0.20999523	0.08222681	0.00879312	0.03730872	MLX
8506	ENSG00000108797	709.591932	-0.11381142	0.09936468	0.23474483	0.45159871	CNTNAP1
51225	ENSG00000108798	0.16735865	0.01897177	0.38482933	0.78225479	NA	ABI3
2145	ENSG00000108799	832.497208	0.17052681	0.12247292	0.14128511	0.31950382	EZH1
1748	ENSG00000108813	6.45373025	-0.09732388	0.37294575	0.46815154	0.69110148	DLX4
84687	ENSG00000108819	3315.1103	-0.15991566	0.05614373	0.00395616	0.01912995	PPP1R9B
1277	ENSG00000108821	500.009829	1.03138621	0.1304819	3.44E-16	1.02E-14	COL1A1
6442	ENSG00000108823	0	NA	NA	NA	NA	SGCA
100885850	ENSG00000108825	51.1148958	-0.08388165	0.26412374	0.66323407	0.83380582	PTGES3L-AARSD1
51264	ENSG00000108826	845.128516	-0.09686402	0.09499695	0.29185951	0.5179626	MRPL27
10493	ENSG00000108828	2347.28583	-0.22190806	0.06844758	0.00096511	0.00573974	VAT1

55379	ENSG00000108829	3695.52459	-0.07734648	0.0679348	0.24682778	0.46592963	LRRC59
8153	ENSG00000108830	457.902847	0.103395	0.12101032	0.36831197	0.59778383	RND2
239	ENSG00000108839	5.72761136	-0.07503406	0.36923274	0.55826869	0.76291851	ALOX12
10014	ENSG00000108840	1205.31894	0.05628517	0.09518981	0.54220808	0.75027258	HDAC5
8714	ENSG00000108846	5.70309598	0.18040878	0.41583713	0.19039971	0.39167661	ABCC3
51747	ENSG00000108848	8267.54233	-0.06375328	0.05477604	0.23314867	0.45004948	LUC7L3
5539	ENSG00000108849	0	NA	NA	NA	NA	PPY
4355	ENSG00000108852	555.089859	-0.40765997	0.13575054	0.00130288	0.00741802	MPP2
64750	ENSG00000108854	1197.60495	-0.06498414	0.07884379	0.39914612	0.62789874	SMURF2
1845	ENSG00000108861	566.253691	-0.20773148	0.10780275	0.04360669	0.13394304	DUSP3
786	ENSG00000108878	14.3766637	0.53844089	0.6220397	0.04480104	0.13659944	CACNG1
9343	ENSG00000108883	2698.86246	-0.12545443	0.06442647	0.04802943	0.14433562	EFTUD2
3131	ENSG00000108924	54.3366352	-0.14889515	0.27958542	0.45091929	0.67429441	HLF
9120	ENSG00000108932	3.01395098	0.10536625	0.3900913	0.31639586	0.54438418	SLC16A6
5573	ENSG00000108946	4973.60772	0.00118055	0.06122997	0.98516087	0.99475332	PRKAR1A
1949	ENSG00000108947	1094.96135	-0.39709528	0.09852701	2.94E-05	0.00025373	EFNB3
54757	ENSG00000108950	7.12161697	0.39453756	0.69813581	0.01681691	0.06339493	FAM20A
7531	ENSG00000108953	11987.1618	-0.01970281	0.05800231	0.68481689	0.84658029	YWHAE
NA	ENSG00000108958	1.5213871	0.02387902	0.37697456	0.76883479	NA	
23531	ENSG00000108960	1690.44148	-0.02409393	0.0737201	0.73818549	0.87629989	MMD
29098	ENSG00000108961	384.264307	0.02778908	0.12741828	0.81851384	0.9171248	RANGRF
1801	ENSG00000108963	653.075013	-0.02932948	0.10868729	0.77755307	0.89804709	DPH1
5608	ENSG00000108984	1017.93641	0.37674072	0.09295461	2.85E-05	0.00024718	MAP2K6
25979	ENSG00000109016	195.379037	0.01110465	0.16274481	0.94113382	0.97559098	DHRS7B
26118	ENSG00000109046	2182.82089	0.88336755	0.08049044	8.67E-29	4.76E-27	WSB1
5957	ENSG00000109047	0	NA	NA	NA	NA	RCVRN
4619	ENSG00000109061	0	NA	NA	NA	NA	MYH1
9368	ENSG00000109062	899.51349	-0.3068541	0.08901866	0.0003797	0.00252961	SLC9A3R1
4621	ENSG00000109063	54.2763923	0.22438087	0.26765418	0.26477905	0.48704028	MYH3
26151	ENSG00000109065	1115.36485	0.33340223	0.09985793	0.00053155	0.00340189	NAT9
54868	ENSG00000109066	885.523823	0.16898003	0.10263318	0.08717357	0.22540384	TMEM104
7448	ENSG00000109072	6.28865344	0.18131634	0.41351403	0.19957029	0.40423425	VTN
7126	ENSG00000109079	1203.89449	0.18871239	0.083571	0.02056533	0.07453711	TNFAIP1
90410	ENSG00000109083	439.165573	0.14852274	0.11778062	0.18477608	0.38350847	IFT20
27346	ENSG00000109084	1293.1842	-0.41006974	0.08262202	3.53E-07	4.33E-06	TMEM97
30850	ENSG00000109089	1397.88679	-0.37824975	0.07825834	7.48E-07	8.64E-06	CDR2L
5376	ENSG00000109099	359.443231	0.74169156	0.13495344	8.16E-09	1.24E-07	PMP22
8456	ENSG00000109101	0	NA	NA	NA	NA	FOXN1

9094	ENSG00000109103	673.451644	0.01655826	0.09690728	0.86066457	0.93799827	UNC119
230	ENSG00000109107	1146.05846	-0.44491001	0.12316041	0.00013554	0.00099966	ALDOC
6830	ENSG00000109111	3490.30047	-0.10881689	0.06577711	0.0928079	0.2357385	SUPT6H
83871	ENSG00000109113	2.51350838	0.02037207	0.37463075	0.81869811	NA	RAB34
57649	ENSG00000109118	1137.7263	0.19748606	0.09708096	0.03518753	0.1137931	PHF12
8929	ENSG00000109132	7176.56282	-0.46739802	0.04931456	1.19E-21	4.79E-20	PHOX2B
55161	ENSG00000109133	2424.65443	-0.03399109	0.06669605	0.60442884	0.79458443	TMEM33
2557	ENSG00000109158	0	NA	NA	NA	NA	GABRA4
2798	ENSG00000109163	29.3927446	-0.35182036	0.37457075	0.12402749	0.2918294	GNRHR
57606	ENSG00000109171	765.848127	-0.44563782	0.13941975	0.00057581	0.003651	SLAIN2
54940	ENSG00000109180	1827.96054	-0.26015171	0.08239014	0.00118806	0.00686604	OCIAD1
7365	ENSG00000109181	0	NA	NA	NA	NA	UGT2B10
80157	ENSG00000109182	0	NA	NA	NA	NA	CWH43
23142	ENSG00000109184	949.392359	-0.32264191	0.09407333	0.00038727	0.00257143	DCUN1D4
64854	ENSG00000109189	822.371296	-0.18382696	0.08887354	0.03309938	0.10843655	USP46
6783	ENSG00000109193	0	NA	NA	NA	NA	SULT1E1
54959	ENSG00000109205	0.18922458	0.01954053	0.38488496	0.78225479	NA	ODAM
26952	ENSG00000109208	0	NA	NA	NA	NA	SMR3A
26511	ENSG00000109220	160.467496	0.01870666	0.16456131	0.9010266	0.95641534	CHIC2
10874	ENSG00000109255	485.245455	-0.18365819	0.12184291	0.11074757	0.26844028	NMU
57482	ENSG00000109265	3535.21793	0.1169184	0.05923697	0.04523248	0.13772444	CRACD
8649	ENSG00000109270	691.663827	-0.21774608	0.11350704	0.0438124	0.13439055	LAMTOR3
5197	ENSG00000109272	0	NA	NA	NA	NA	PF4V1
4790	ENSG00000109320	512.210432	0.07755029	0.10904704	0.45892615	0.68235016	NFKB1
374	ENSG00000109321	0	NA	NA	NA	NA	AREG
4126	ENSG00000109323	207.156472	-0.15389967	0.15958875	0.28747896	0.513189	MANBA
7323	ENSG00000109332	4308.72507	-0.03688782	0.06306656	0.55268953	0.75905858	UBE2D3
5602	ENSG00000109339	285.136244	-0.49127708	0.16179641	0.00089201	0.00536447	MAPK10
1998	ENSG00000109381	780.767722	-0.13441479	0.10173306	0.16977466	0.36148629	ELF2
4717	ENSG00000109390	539.110481	0.10563858	0.11199375	0.32724515	0.55563061	NDUFC1
7350	ENSG00000109424	1.7341049	0.07227386	0.38511793	0.3934411	NA	UCP1
23158	ENSG00000109436	844.817758	-0.2021346	0.09922215	0.03443602	0.1119467	TBC1D9
27309	ENSG00000109445	609.292423	0.0422794	0.11212053	0.69417247	0.85201936	ZNF330
8821	ENSG00000109452	37.8229174	0.84681629	0.44042117	0.00580143	0.02639156	INPP4B
2549	ENSG00000109458	546.459055	0.04821992	0.11057272	0.6497079	0.82525848	GAB1
11275	ENSG00000109466	367.428747	-0.0490505	0.12318679	0.6733635	0.83953925	KLHL2
3558	ENSG00000109471	0.18922458	0.01954053	0.38488496	0.78225479	NA	IL2
1363	ENSG00000109472	2150.55977	0.03169082	0.06531091	0.62259211	0.80737672	CPE

6164	ENSG00000109475	6489.64829	-0.03284531	0.05395212	0.53838391	0.74816395	RPL34
7466	ENSG00000109501	582.546713	-0.03363593	0.1233326	0.77231102	0.89548539	WFS1
11199	ENSG00000109511	0	NA	NA	NA	NA	ANXA10
80273	ENSG00000109519	554.032572	-0.4173424	0.11314987	0.00011048	0.00083196	GRPEL1
54433	ENSG00000109534	441.017187	-0.02138813	0.11345569	0.84115065	0.92789889	GAR1
2483	ENSG00000109536	487.68078	0.17537597	0.12476946	0.13669769	0.31191283	FRG1
1182	ENSG00000109572	1605.83311	-0.28231623	0.10090931	0.00361685	0.01774875	CLCN3
51166	ENSG00000109576	462.975143	-0.31401218	0.12666307	0.00839239	0.03593894	AADAT
51809	ENSG00000109586	711.48856	0.12272493	0.10063736	0.20625256	0.41325498	GALNT7
1665	ENSG00000109606	3946.4074	-0.26173545	0.05953012	8.21E-06	7.93E-05	DHX15
6649	ENSG00000109610	0	NA	NA	NA	NA	SOD3
51091	ENSG00000109618	352.306816	0.37673964	0.15266074	0.0072047	0.0316592	SEPSECS
8532	ENSG00000109625	3.47262192	-0.05659922	0.376693	0.57286364	0.7725692	CPZ
23321	ENSG00000109654	1915.05351	-0.02413334	0.06986418	0.72472286	0.86844186	TRIM2
56606	ENSG00000109667	0	NA	NA	NA	NA	SLC2A9
55294	ENSG00000109670	530.156149	-0.0441355	0.14643146	0.74282513	0.87875221	FBXW7
55247	ENSG00000109674	307.262669	-0.28737984	0.13347133	0.02123851	0.07646018	NEIL3
55296	ENSG00000109680	106.08109	0.04941062	0.22607335	0.78865387	0.90411045	TBC1D19
116449	ENSG00000109684	0	NA	NA	NA	NA	CLNK
7468	ENSG00000109685	7533.0208	-0.03265264	0.05744057	0.56471395	0.76707686	NSD2
152503	ENSG00000109686	818.442177	0.01708235	0.10372643	0.86555139	0.94044576	SH3D19
57620	ENSG00000109689	427.925431	-0.36687639	0.12069152	0.0013258	0.00753476	STIM2
579	ENSG00000109705	0.51937201	-0.02557462	0.38567603	0.54680819	NA	NKX3-2
10227	ENSG00000109736	1588.27834	0.10371802	0.07582077	0.16275579	0.35164399	MFSD10
2743	ENSG00000109738	269.482588	-0.05291332	0.13783838	0.67963171	0.84363969	GLRB
683	ENSG00000109743	22.5310946	0.43578084	0.48979146	0.07337062	0.19821257	BST1
9693	ENSG00000109756	1319.76801	-0.11571453	0.09104076	0.18993384	0.39109764	RAPGEF2
3083	ENSG00000109758	25.1144172	-0.02925327	0.31817529	0.86838062	0.94253385	HGFAC
83891	ENSG00000109762	336.726861	0.16860012	0.1340834	0.1789897	0.37507273	SNX25
55805	ENSG00000109771	56.9244435	0.10013099	0.27235083	0.60939075	0.79803651	LRP2BP
55325	ENSG00000109775	342.226402	-0.11621671	0.15026433	0.39902411	0.62780637	UFSP2
51274	ENSG00000109787	777.787234	0.46405493	0.09612368	6.13E-07	7.21E-06	KLF3
51088	ENSG00000109790	768.170014	0.0416292	0.10466579	0.68021974	0.8437889	KLHL5
25854	ENSG00000109794	88.2378753	0.18159568	0.22064431	0.32052103	0.54831381	FAM149A
64151	ENSG00000109805	1723.26269	-0.40600455	0.07866679	1.27E-07	1.65E-06	NCAPG
7358	ENSG00000109814	764.925458	0.49529497	0.09966643	2.72E-07	3.38E-06	UGDH
10891	ENSG00000109819	1.38058753	0.08305142	0.39323914	0.18324153	NA	PPARGC1A
29118	ENSG00000109832	113.07469	-1.03726489	0.22970343	7.37E-07	8.52E-06	DDX25

1410	ENSG00000109846	0.88111352	0.04023644	0.38511396	0.43011874	NA	CRYAB
120237	ENSG00000109851	6.39698679	1.71864857	1.4450455	0.00671209	0.02984486	DBX1
10553	ENSG00000109854	0.75661163	0.02039878	0.38277281	0.61488206	NA	HTATIP2
1075	ENSG00000109861	1472.23436	0.41934927	0.07897028	5.58E-08	7.61E-07	CTSC
91057	ENSG00000109881	634.810491	0.10421197	0.11373853	0.33752403	0.56783488	CCDC34
7704	ENSG00000109906	5.86486181	5.85787459	2.69371741	8.22E-05	0.00063814	ZBTB16
26610	ENSG00000109911	276.192369	0.06493141	0.13443281	0.60655747	0.79616939	ELP4
8882	ENSG00000109917	1445.79406	0.01209704	0.07921174	0.87162158	0.94401928	ZPR1
23788	ENSG00000109919	1228.23704	-0.01990533	0.09582592	0.82986442	0.92286579	MTCH2
23360	ENSG00000109920	2335.50193	0.15118196	0.09179425	0.08971587	0.23005853	FNBP4
7007	ENSG00000109927	196.221605	0.00667454	0.17747865	0.96744621	0.98759962	TECTA
116804918	ENSG00000109927	196.221605	0.00667454	0.17747865	0.96744621	0.98759962	TECTA
6309	ENSG00000109929	1014.76503	-0.39374735	0.09132051	8.65E-06	8.31E-05	SC5D
56253	ENSG00000109943	0	NA	NA	NA	NA	CRTAM
79864	ENSG00000109944	249.316417	-0.15517077	0.15536329	0.27351586	0.49702826	JHY
27087	ENSG00000109956	1180.36134	-1.1765512	0.08384933	1.05E-45	9.33E-44	B3GAT1
3312	ENSG00000109971	24242.3421	0.05048398	0.15735967	0.69911079	0.85487569	HSPA8
5024	ENSG00000109991	1.16465936	0.0129262	0.38077068	0.82412664	NA	P2RX3
4013	ENSG00000110002	2.85141005	0.20572818	0.4662256	0.00617919	0.02776728	VWA5A
3338	ENSG00000110011	439.302894	0.24079158	0.11641755	0.0296084	0.09932622	DNAJC4
54414	ENSG00000110013	225.101533	0.11917485	0.15430038	0.39948503	0.62823264	SIAE
29907	ENSG00000110025	358.748659	0.03104178	0.13586427	0.80806739	0.9131433	SNX15
9404	ENSG00000110031	56.3075155	0.09458856	0.25116151	0.62277641	0.80737672	LPXN
23220	ENSG00000110042	4.28385762	-0.06837238	0.37569674	0.51802528	0.73186794	DTX4
23130	ENSG00000110046	500.653219	0.30536238	0.12983498	0.01209153	0.04853248	ATG2A
10938	ENSG00000110047	928.750974	0.13372497	0.09459129	0.14452577	0.32462259	EHD1
5007	ENSG00000110048	1013.88033	-0.18175309	0.08322043	0.02501787	0.08721718	OSBP
81622	ENSG00000110057	193.5367	0.51835565	0.19464986	0.00259364	0.01339143	UNC93B1
83480	ENSG00000110060	386.40288	-0.63848525	0.15258349	7.28E-06	7.11E-05	PUS3
28960	ENSG00000110063	632.883007	-0.13449852	0.14929448	0.32587361	0.55406054	DCPS
51111	ENSG00000110066	1035.48673	-0.20112005	0.10156243	0.03967279	0.12460156	KMT5B
55572	ENSG00000110074	780.181088	0.0849172	0.09336195	0.35008277	0.58049663	FOXRED1
55291	ENSG00000110075	2331.89512	-0.22394849	0.06636116	0.00059905	0.00377783	PPP6R3
9379	ENSG00000110076	1769.16533	-2.05590412	0.11977348	2.85E-67	4.38E-65	NRXN2
64231	ENSG00000110077	0	NA	NA	NA	NA	MS4A6A
51338	ENSG00000110079	0	NA	NA	NA	NA	MS4A4A
6484	ENSG00000110080	427.734281	-0.21786232	0.12391736	0.06202828	0.17577159	ST3GAL4
1374	ENSG00000110090	2016.07227	-0.17093179	0.07239135	0.01603998	0.06089421	CPT1A

595	ENSG00000110092	11802.8601	0.46388918	0.04840568	4.94E-22	2.03E-20	CCND1
79080	ENSG00000110104	460.223935	0.00958926	0.11474326	0.93112873	0.97127203	CCDC86
27339	ENSG00000110107	3827.62383	-0.18709649	0.0541113	0.00046662	0.00304032	PRPF19
79073	ENSG00000110108	867.341365	0.57153026	0.08965667	6.06E-11	1.19E-09	TMEM109
887	ENSG00000110148	0	NA	NA	NA	NA	CCKBR
3263	ENSG00000110169	14.3807216	0.0156211	0.32487809	0.93058727	0.97111825	HPX
10612	ENSG00000110171	510.241176	0.07266527	0.11067862	0.49346069	0.712409	TRIM3
26973	ENSG00000110172	1051.95993	-0.01000316	0.1371173	0.9363719	0.97351594	CHORDC1
2348	ENSG00000110195	9.62195929	0.15876504	0.38087816	0.33132313	0.56018597	FOLR1
25906	ENSG00000110200	404.07179	-0.13963893	0.12170931	0.22526372	0.43906825	ANAPC15
2352	ENSG00000110203	0	NA	NA	NA	NA	FOLR3
24145	ENSG00000110218	830.531119	-0.10196803	0.0962196	0.2728411	0.49643869	PANX1
9828	ENSG00000110237	1582.14066	0.02828405	0.11337194	0.79490931	0.90585603	ARHGEF17
116519	ENSG00000110243	0	NA	NA	NA	NA	APOA5
337	ENSG00000110244	0	NA	NA	NA	NA	APOA4
345	ENSG00000110245	0	NA	NA	NA	NA	APOC3
22897	ENSG00000110274	1436.87893	0.29970145	0.09728434	0.00141249	0.00797085	CEP164
50862	ENSG00000110315	604.510087	0.15036572	0.10031427	0.12016019	0.28543799	RNF141
57562	ENSG00000110318	217.483075	0.88121771	0.16482987	1.40E-08	2.06E-07	CEP126
1982	ENSG00000110321	15656.9086	-0.01975673	0.05330238	0.70733573	0.85900354	EIF4G2
3587	ENSG00000110324	26.5502945	-0.21497768	0.32882251	0.29580051	0.52251089	IL10RA
374378	ENSG00000110328	111.763786	-0.24095513	0.20094304	0.16095829	0.34896869	GALNT18
329	ENSG00000110330	811.051819	-0.16901828	0.09839598	0.07495729	0.20134749	BIRC2
9354	ENSG00000110344	1233.67794	-0.23483098	0.08373238	0.00397017	0.01917902	UBE4A
1656	ENSG00000110367	3809.47553	-0.34830445	0.07673295	3.46E-06	3.57E-05	DDX6
7379	ENSG00000110375	1.61243246	0.06586775	0.38733039	0.33307085	NA	UPK2
867	ENSG00000110395	2378.82164	-0.20747291	0.06164496	0.00063929	0.00399227	CBL
5818	ENSG00000110400	3424.53417	-1.09831713	0.0646254	1.04E-65	1.51E-63	NECTIN1
10114	ENSG00000110422	645.669401	0.22826607	0.0989464	0.01673247	0.0631366	HIPK3
25758	ENSG00000110427	492.246888	-0.02873544	0.1317981	0.81560959	0.91634261	KIAA1549L
26273	ENSG00000110429	592.599198	-0.37299958	0.10622336	0.00024885	0.00173172	FBXO3
8050	ENSG00000110435	350.393937	-0.60766164	0.13841138	3.19E-06	3.31E-05	PDHX
6506	ENSG00000110436	93.7063323	-1.6908313	0.32917952	1.89E-08	2.76E-07	SLC1A2
29099	ENSG00000110442	612.941592	-0.10667629	0.11246128	0.31905646	0.54668625	COMMD9
51296	ENSG00000110446	10.4359458	1.58793322	1.57880572	0.00456031	0.02153176	SLC15A3
921	ENSG00000110448	0.48288597	0.01075364	0.38337498	0.79448031	NA	CD5
84680	ENSG00000110455	271.829003	0.36037817	0.16692462	0.01676457	0.06323365	ACCS
4250	ENSG00000110484	0	NA	NA	NA	NA	SCGB2A2

4192	ENSG00000110492	14341.9244	0.62868041	0.04872882	1.69E-38	1.26E-36	MDK
55626	ENSG00000110497	704.983917	-0.29945028	0.10697631	0.00344117	0.01700868	AMBRA1
8567	ENSG00000110514	2177.08271	-0.34995246	0.0652744	5.08E-08	6.99E-07	MADD
114971	ENSG00000110536	687.496775	0.07067939	0.10953099	0.50072293	0.71795498	PTPMT1
79829	ENSG00000110583	1363.67728	-0.08307314	0.10284843	0.40088928	0.62929371	NAA40
833	ENSG00000110619	1837.35724	0.3683656	0.22571175	0.05064528	0.15041952	CARS1
5002	ENSG00000110628	75.3735418	0.25878205	0.24472735	0.18247278	0.3803144	SLC22A18
975	ENSG00000110651	2886.33774	0.1130447	0.06486313	0.07667895	0.20477996	CD81
54733	ENSG00000110660	610.570392	-0.03989219	0.09721403	0.67072233	0.83771678	SLC35F2
29125	ENSG00000110665	0.5141508	-0.0102321	0.38328162	0.81789405	NA	C11orf21
55531	ENSG00000110675	14.8563956	2.59521388	0.82734663	9.09E-05	0.00069919	ELMOD1
796	ENSG00000110680	0.48350556	0.01083862	0.383379	0.79316478	NA	CALCA
55553	ENSG00000110693	8.40267497	-0.04542883	0.35769744	0.73669124	0.87520684	SOX6
10944	ENSG00000110696	2712.89068	-0.00633048	0.07274783	0.93148653	0.97149202	C11orf58
9600	ENSG00000110697	742.854278	-0.24345281	0.1465415	0.07101047	0.19357622	PITPNM1
6207	ENSG00000110700	8232.7837	-0.1797297	0.06419481	0.00443563	0.02105615	RPS13
9049	ENSG00000110711	921.007428	0.21877668	0.09829404	0.0210698	0.07596307	AIP
4928	ENSG00000110713	1996.55498	-0.20080529	0.09441969	0.02757229	0.09381484	NUP98
4728	ENSG00000110717	1129.13064	0.22801851	0.08051578	0.00373366	0.01821386	NDUFS8
10312	ENSG00000110719	23.8536382	-0.04173323	0.31025238	0.81878985	0.91737015	TCIRG1
1119	ENSG00000110721	517.744602	-0.04215858	0.11538394	0.70085257	0.85575596	CHKA
23086	ENSG00000110723	237.850372	-0.72449738	0.17165996	5.03E-06	5.05E-05	EXPH5
11234	ENSG00000110756	450.923351	-0.06438196	0.12274462	0.57878454	0.77656626	HPS5
2965	ENSG00000110768	686.679346	-0.04087787	0.10220385	0.67730437	0.84233177	GTF2H1
5450	ENSG00000110777	0.50207596	0.02562368	0.38565771	0.52549886	NA	POU2AF1
84867	ENSG00000110786	14.6136215	0.19212982	0.3821038	0.28565743	0.51117916	PTPN5
7450	ENSG00000110799	3.29160881	0.22728245	0.48152555	0.01536999	0.05873277	VWF
5715	ENSG00000110801	519.827608	-0.00144811	0.1089136	0.98805324	0.99589897	PSMD9
10536	ENSG00000110811	825.336702	-0.00266572	0.0888272	0.97380885	0.99048209	P3H3
8496	ENSG00000110841	855.839492	0.04511532	0.11401696	0.67956002	0.84361793	PPFIBP1
25766	ENSG00000110844	780.653931	0.2438121	0.09169683	0.00608139	0.02744208	PRPF40B
969	ENSG00000110848	0	NA	NA	NA	NA	CD69
11108	ENSG00000110851	1084.75166	-0.05077475	0.08293854	0.53146385	0.74283399	PRDM4
9976	ENSG00000110852	0	NA	NA	NA	NA	CLEC2B
84274	ENSG00000110871	459.124522	-0.12399827	0.129089	0.30663196	0.53422766	COQ5
6404	ENSG00000110876	2.67161718	-0.02088627	0.37356275	0.81986499	0.91788244	SELPLG
23603	ENSG00000110880	2380.41965	-0.38084832	0.06969864	2.61E-08	3.73E-07	CORO1C
41	ENSG00000110881	1397.56817	0.34937787	0.08385751	1.87E-05	0.00016877	ASIC1

1610	ENSG00000110887	0.94545361	-0.06630286	0.39158611	0.20462663	NA	DAO
65981	ENSG00000110888	806.811019	0.31180871	0.1185521	0.00555675	0.02545505	CAPRIN2
441631	ENSG00000110900	1181.37849	0.38771949	0.10938419	0.00021232	0.00150118	TSPAN11
83892	ENSG00000110906	1767.5853	-0.03167316	0.0759022	0.6701198	0.83758072	KCTD10
4891	ENSG00000110911	927.383677	0.01199104	0.09471616	0.89697336	0.95487211	SLC11A2
9761	ENSG00000110917	3918.17371	0.00098569	0.0696739	0.98927223	0.99604194	MLEC
4598	ENSG00000110921	734.035878	-0.64403291	0.1216936	3.12E-08	4.40E-07	MVK
81566	ENSG00000110925	1223.32934	0.14527333	0.08516977	0.07966504	0.21062825	CSRNP2
10645	ENSG00000110931	1248.17303	-0.2594308	0.10292138	0.00864632	0.03678337	CAMKK2
51411	ENSG00000110934	0	NA	NA	NA	NA	BIN2
51561	ENSG00000110944	4.00619291	-0.03927615	0.3679199	0.73405354	0.87332827	IL23A
506	ENSG00000110955	12254.6537	-0.0396781	0.05645817	0.46097988	0.68410808	ATP5F1B
10728	ENSG00000110958	4213.61397	0.05972234	0.07927267	0.45043281	0.67378216	PTGES3
341359	ENSG00000110975	0	NA	NA	NA	NA	SYT10
605	ENSG00000110987	1799.73155	0.09832117	0.07487301	0.18069553	0.37770382	BCL7A
65117	ENSG00000111011	1642.66785	0.1969941	0.08175621	0.01352792	0.05313349	RSRC2
1594	ENSG00000111012	37.5564478	0.15471669	0.30581205	0.43762062	0.66277811	CYP27B1
4618	ENSG00000111046	0	NA	NA	NA	NA	MYF6
4617	ENSG00000111049	0	NA	NA	NA	NA	MYF5
8825	ENSG00000111052	1.92144211	0.10311487	0.39754402	0.19146554	NA	LIN7A
3875	ENSG00000111057	6.20539866	4.22933163	1.6165998	0.00041614	0.00274175	KRT18
79611	ENSG00000111058	0	NA	NA	NA	NA	ACSS3
23371	ENSG00000111077	113.683945	0.23584041	0.24378569	0.22198755	0.43502894	TNS2
2735	ENSG00000111087	14.2938164	3.84728093	0.88571466	1.39E-06	1.54E-05	GLI1
57460	ENSG00000111110	0.18922458	0.01954053	0.38488496	0.78225479	NA	PPM1H
10988	ENSG00000111142	2330.98353	-0.1755746	0.06288719	0.00459042	0.02164819	METAP2
4048	ENSG00000111144	1999.22086	-0.09704277	0.06602785	0.13538836	0.30992327	LTA4H
2004	ENSG00000111145	962.232646	0.72297377	0.1003756	1.33E-13	3.23E-12	ELK3
6539	ENSG00000111181	26.1252088	-0.01386174	0.31957348	0.93550311	0.97325384	SLC6A12
81029	ENSG00000111186	116.149179	-1.14589445	0.2346076	1.08E-07	1.42E-06	WNT5B
55110	ENSG00000111196	388.528726	-0.06186044	0.16268371	0.67406438	0.8400928	MAGOHB
59341	ENSG00000111199	42.4655853	2.7039615	0.42659893	1.65E-11	3.44E-10	TRPV4
55846	ENSG00000111203	697.709649	-0.05088096	0.11420429	0.63986107	0.81944511	ITFG2
2305	ENSG00000111206	3099.25282	-0.19644558	0.0660012	0.00249027	0.01293039	FOXMI
5554	ENSG00000111215	24.2173752	0.29276867	0.37354639	0.17927966	0.37559752	PRR4
11272	ENSG00000111215	24.2173752	0.29276867	0.37354639	0.17927966	0.37559752	PRR4
56341	ENSG00000111218	8.79792492	-3.42208217	1.27228974	0.00049525	0.00319742	PRMT8
57097	ENSG00000111224	141.32679	-0.55365379	0.25032494	0.00721883	0.03170723	PARP11

10094	ENSG00000111229	1888.37639	-0.36386245	0.07829853	1.97E-06	2.13E-05	ARPC3
51184	ENSG00000111231	397.109313	0.03938782	0.12045172	0.7335631	0.87316366	GPN3
51699	ENSG00000111237	580.52632	-0.26934226	0.10469903	0.00730954	0.03204181	VPS29
2251	ENSG00000111241	0.41622699	-0.011908	0.38380213	0.90842947	NA	FGF6
4633	ENSG00000111245	0.16735865	0.01897177	0.38482933	0.78225479	NA	MYL2
10635	ENSG00000111247	497.299307	-0.11388052	0.11598433	0.30108091	0.52835924	RAD51AP1
23316	ENSG00000111249	2231.78609	-1.64087275	0.07385442	1.75E-110	5.89E-108	CUX2
10019	ENSG00000111252	314.732362	-0.93265754	0.13868613	2.59E-12	5.75E-11	SH2B3
10566	ENSG00000111254	4.61600344	0.12881711	0.39931718	0.21869423	0.43056392	AKAP3
54682	ENSG00000111261	494.854066	0.07762804	0.10648297	0.44850531	0.67234398	MANSC1
3736	ENSG00000111262	0	NA	NA	NA	NA	KCNA1
80824	ENSG00000111266	1509.05487	0.2021548	0.08557365	0.01522328	0.05834073	DUSP16
1389	ENSG00000111269	685.977753	-0.32682549	0.11183122	0.0021645	0.0114547	CREBL2
80724	ENSG00000111271	805.824078	0.22943035	0.12152751	0.04603052	0.13970407	ACAD10
217	ENSG00000111275	1261.57088	0.17593911	0.08126273	0.02654754	0.09123563	ALDH2
1027	ENSG00000111276	1385.83813	0.29648652	0.07848381	0.00011058	0.00083228	CDKN1B
55507	ENSG00000111291	5.11030394	-0.26922247	0.5131179	0.03215629	0.10595926	GPRC5D
80018	ENSG00000111300	915.871402	0.02207142	0.12727873	0.85577116	0.93566075	NAA25
83445	ENSG00000111305	0.29863895	-0.02292439	0.3852726	0.68753245	NA	GSG1
6337	ENSG00000111319	0	NA	NA	NA	NA	SCNN1A
4055	ENSG00000111321	0	NA	NA	NA	NA	LTBR
79676	ENSG00000111325	213.38681	0.12999646	0.15585293	0.36167035	0.59140689	OGFOD2
8099	ENSG00000111328	3591.41519	-0.3132742	0.05722274	2.88E-08	4.08E-07	CDK2AP1
4940	ENSG00000111331	841.383443	-0.67526189	0.10579907	4.26E-11	8.53E-10	OAS3
4939	ENSG00000111335	0.96822761	0.01469816	0.38058074	0.80647333	NA	OAS2
420	ENSG00000111339	0.88508185	-0.02256421	0.38270569	0.65529417	NA	ART4
4256	ENSG00000111341	48.4430577	3.93603908	0.5466793	1.07E-14	2.83E-13	MGP
8437	ENSG00000111344	6.08224322	-0.39967982	0.6905099	0.0222	0.07917454	RASAL1
397	ENSG00000111348	8.52290665	-0.00405304	0.35345838	0.97421966	0.99074878	ARHGDIB
2967	ENSG00000111358	670.293816	-0.02683926	0.1232272	0.81696672	0.91671007	GTF2H3
1967	ENSG00000111361	1491.01757	-0.04813833	0.07701279	0.52275088	0.73592404	EIF2B1
57696	ENSG00000111364	1002.63086	0.00855993	0.09642197	0.92775984	0.96974634	DDX55
81539	ENSG00000111371	5879.91074	-0.67905755	0.06056619	9.00E-30	5.13E-28	SLC38A1
79785	ENSG00000111404	0	NA	NA	NA	NA	RERGL
8909	ENSG00000111405	0.33942509	0.00599294	0.38348079	0.92248644	NA	ENDOU
79794	ENSG00000111412	1421.54517	0.38419268	0.09160421	1.51E-05	0.00013924	SPRING1
7421	ENSG00000111424	1.71285337	-0.02288719	0.37784429	0.76060239	NA	VDR
11211	ENSG00000111432	0	NA	NA	NA	NA	FZD10

5985	ENSG00000111445	750.807164	-0.14219623	0.09898899	0.13628676	0.3113874	RFC5
2054	ENSG00000111450	835.219817	0.20791622	0.1066738	0.0420546	0.13057329	STX2
283383	ENSG00000111452	1.92157058	0.08055634	0.38802455	0.33354437	NA	ADGRD1
22818	ENSG00000111481	1800.69811	-0.29802313	0.08859567	0.00052578	0.00336827	COPZ1
23329	ENSG00000111490	67.4019754	-0.20322121	0.30429301	0.31674652	0.54452953	TBC1D30
55832	ENSG00000111530	3419.44204	-0.15792894	0.06919693	0.01981933	0.07246877	CAND1
55801	ENSG00000111536	0	NA	NA	NA	NA	IL26
3458	ENSG00000111537	0	NA	NA	NA	NA	IFNG
5869	ENSG00000111540	1590.11376	0.25093356	0.08229086	0.00176283	0.00961126	RAB5B
56890	ENSG00000111554	211.072788	0.23127754	0.17330416	0.1348352	0.30933515	MDM1
57122	ENSG00000111581	1738.5538	0.14988528	0.07468872	0.0406671	0.12692727	NUP107
4848	ENSG00000111596	1208.12689	-0.17056213	0.11730373	0.12553049	0.29445791	CNOT2
8914	ENSG00000111602	2941.39273	-0.19133645	0.06060372	0.00136987	0.00775635	TIMELESS
11052	ENSG00000111605	3808.57951	-0.12755102	0.07720697	0.09125901	0.23314174	CPSF6
11103	ENSG00000111615	962.686787	0.06046263	0.09127198	0.49568022	0.71444211	KRR1
51258	ENSG00000111639	1448.68338	-0.07036394	0.07967377	0.3659924	0.59518764	MRPL51
2597	ENSG00000111640	41981.5922	-0.31179498	0.04923997	1.59E-10	2.99E-09	GAPDH
4839	ENSG00000111641	1295.47275	-0.03763451	0.08180336	0.63529439	0.81649547	NOP2
1108	ENSG00000111642	9925.66245	-0.08588226	0.0547325	0.11265657	0.27179207	CHD4
84519	ENSG00000111644	29.1295179	0.11963162	0.30811459	0.53902577	0.74843996	ACRBP
23074	ENSG00000111647	362.543649	-0.16847421	0.17250278	0.27219449	0.49553485	UHRF1BP1L
50813	ENSG00000111652	953.122746	0.02882778	0.08823187	0.73785086	0.87620179	COPS7A
51147	ENSG00000111653	787.464604	0.23476921	0.11146677	0.02737401	0.09336911	ING4
2784	ENSG00000111664	209.072685	-0.18852131	0.16528472	0.20491676	0.41178452	GNB3
83461	ENSG00000111665	623.881956	0.3496305	0.10500319	0.00051996	0.0033374	CDCA3
56994	ENSG00000111666	207.450735	0.40859796	0.16758569	0.00701275	0.03102877	CHPT1
8078	ENSG00000111667	2341.54813	0.05593223	0.09990056	0.56310692	0.76599528	USP5
7167	ENSG00000111669	8608.90463	-0.31208515	0.06787942	2.86E-06	2.99E-05	TPI1
79158	ENSG00000111670	749.338788	0.10786883	0.09723673	0.25141801	0.47149344	GNPTAB
84727	ENSG00000111671	65.8295267	0.20968846	0.24919363	0.28189576	0.50671288	SPSB2
105369632	ENSG00000111671	65.8295267	0.20968846	0.24919363	0.28189576	0.50671288	SPSB2
2026	ENSG00000111674	2661.78006	-0.69921479	0.07359033	4.93E-22	2.03E-20	ENO2
1822	ENSG00000111676	4543.93138	0.03383238	0.06075363	0.57021992	0.7706786	ATN1
113246	ENSG00000111678	2729.51542	0.10837683	0.06107297	0.07231345	0.19591682	C12orf57
5777	ENSG00000111679	5.26377636	-0.02251008	0.36277216	0.84945481	0.93154246	PTPN6
10162	ENSG00000111684	240.697458	-0.35260942	0.19984103	0.04045966	0.1264723	LPCAT3
51559	ENSG00000111696	242.197957	-0.20842901	0.2150688	0.24370097	0.46210717	NT5DC3
28234	ENSG00000111700	0	NA	NA	NA	NA	SLCO1B3

339	ENSG00000111701	0	NA	NA	NA	NA	APOBEC1
79923	ENSG00000111704	1.79730873	0.04660996	0.38508775	0.41809387	NA	NANOG
64426	ENSG00000111707	1412.75509	-0.08347938	0.08304221	0.30256929	0.52987991	SUDS3
51026	ENSG00000111711	439.043704	0.26562268	0.12325521	0.02250497	0.08005423	GOLT1B
2998	ENSG00000111713	0.5972779	-0.02732172	0.38586499	0.50076333	NA	GYS2
3945	ENSG00000111716	12948.9701	-0.02382206	0.04985254	0.62218753	0.80700149	LDHB
5564	ENSG00000111725	668.264447	0.03132137	0.10978827	0.76662218	0.8924999	PRKAB1
55907	ENSG00000111726	590.588425	-0.03606751	0.10685062	0.72315344	0.86764418	CMAS
29915	ENSG00000111727	224.29375	0.28167879	0.17995584	0.07670975	0.20483464	HCFC2
6489	ENSG00000111728	142.103458	-0.47922731	0.2855609	0.02874154	0.0970608	ST8SIA1
50856	ENSG00000111729	3.70376004	0.08805402	0.38278138	0.41753251	0.64375544	CLEC4A
9847	ENSG00000111731	1225.89478	-0.31473072	0.08757205	0.00021427	0.00151393	C2CD5
57379	ENSG00000111732	0	NA	NA	NA	NA	AICDA
11021	ENSG00000111737	1252.41731	-0.18539305	0.08802957	0.03014746	0.10072846	RAB35
1911	ENSG00000111752	2025.00212	-0.07003312	0.07127535	0.31679814	0.54455685	PHC1
1337	ENSG00000111775	3892.93336	-0.22798156	0.05829421	7.44E-05	0.00058583	COX6A1
NA	ENSG00000111780	1.98388243	0.00839964	0.37501741	0.92280135	NA	
5992	ENSG00000111783	0	NA	NA	NA	NA	RFX4
55188	ENSG00000111785	504.819782	-0.14941944	0.11442916	0.17004776	0.36191941	RIC8B
8683	ENSG00000111786	3022.38086	-0.63103631	0.06078666	8.63E-26	4.21E-24	SRSF9
NA	ENSG00000111788	518.312109	0.44604543	0.11477291	4.65E-05	0.00038373	
26127	ENSG00000111790	514.147598	0.06123066	0.11118318	0.56557908	0.76741504	FGFR1OP2
3820	ENSG00000111796	0.16735865	0.01897177	0.38482933	0.78225479	NA	KLRB1
1303	ENSG00000111799	0	NA	NA	NA	NA	COL12A1
10384	ENSG00000111801	177.842693	0.14821725	0.17306758	0.33772324	0.56802552	BTN3A3
51567	ENSG00000111802	533.506077	-0.2079652	0.10985348	0.04717392	0.14221708	TDP2
2444	ENSG00000111816	29.5239557	0.06044742	0.29057571	0.75532417	0.88614698	FRK
29940	ENSG00000111817	348.605293	0.20528366	0.14447944	0.12427899	0.29221323	DSE
51389	ENSG00000111832	675.470771	-0.06311315	0.09480151	0.49205151	0.71113078	RWDD1
345895	ENSG00000111834	9.45337218	0.01490944	0.3440885	0.92529201	0.96892907	RSPH4A
4117	ENSG00000111837	10.4514753	0.21722784	0.40710845	0.21827192	0.43029759	MAK
51522	ENSG00000111843	1088.13024	0.016327	0.07975379	0.83382168	0.92431452	TMEM14C
55003	ENSG00000111845	530.179299	-0.15772416	0.11194541	0.13954785	0.31648712	PAK1IP1
2651	ENSG00000111846	312.498675	0.3253821	0.14996061	0.0183127	0.06768329	GCNT2
57150	ENSG00000111850	191.678029	-0.3233674	0.17528915	0.0381365	0.12111865	SMIM8
63914	ENSG00000111850	191.678029	-0.3233674	0.17528915	0.0381365	0.12111865	SMIM8
4739	ENSG00000111859	142.963176	0.00337826	0.25281257	0.98787041	0.99589897	NEDD9
387119	ENSG00000111860	181.804303	0.17623505	0.18151857	0.27130813	0.49473993	CEP85L

84830	ENSG00000111863	0	NA	NA	NA	NA	ADTRP
25842	ENSG00000111875	317.267318	0.24433051	0.17427927	0.11546308	0.27726792	ASF1A
254394	ENSG00000111877	273.784783	0.00902701	0.1396704	0.94450651	0.97736448	MCM9
79632	ENSG00000111879	423.593539	-0.19136229	0.1174661	0.08581768	0.22271062	FAM184A
8732	ENSG00000111880	817.046442	-0.11385018	0.10198654	0.24603455	0.46528697	RNGTT
4121	ENSG00000111885	589.252308	2.65175533	0.11487246	5.10E-119	1.98E-116	MAN1A1
2570	ENSG00000111886	24.4405494	0.5591125	0.58704782	0.03993832	0.12522429	GABRR2
57515	ENSG00000111897	2235.92398	-0.20412519	0.06595638	0.0016158	0.00894855	SERINC1
51020	ENSG00000111906	590.095193	0.08305402	0.12483076	0.48227258	0.70272483	HDDC2
7164	ENSG00000111907	0.34209262	0.02363404	0.38535456	0.62358548	NA	TPD52L1
135114	ENSG00000111911	481.176965	-0.35134169	0.1181704	0.001726	0.00945647	HINT3
135112	ENSG00000111912	440.194355	0.0190385	0.14293694	0.88649177	0.95015905	NCOA7
9750	ENSG00000111913	1.15110275	-0.00344607	0.3801718	0.97223975	NA	RIPOR2
23328	ENSG00000111961	0	NA	NA	NA	NA	SASH1
10090	ENSG00000111962	0	NA	NA	NA	NA	UST
80329	ENSG00000111981	30.5013425	0.17636042	0.37020337	0.3325414	0.56173872	ULBP1
26271	ENSG00000112029	874.136278	-0.15467251	0.0895571	0.07500852	0.20145783	FBXO5
54516	ENSG00000112031	734.579704	-0.15453004	0.10598751	0.12824164	0.29899782	MTRF1L
5467	ENSG00000112033	1070.31224	0.33954864	0.08163143	2.01E-05	0.00018029	PPARD
4988	ENSG00000112038	1574.16282	-1.96536002	0.10185379	3.26E-84	7.11E-82	OPRM1
2178	ENSG00000112039	377.005241	-0.00049125	0.12096154	0.99561306	0.99852582	FANCE
7287	ENSG00000112041	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TULP1
116369	ENSG00000112053	0.52791311	0.01296299	0.38341368	0.75425252	NA	SLC26A8
1432	ENSG00000112062	1114.74744	-0.16352949	0.10375514	0.10073265	0.25062521	MAPK14
6005	ENSG00000112077	0	NA	NA	NA	NA	RHAG
222658	ENSG00000112078	3480.60352	-0.00392077	0.05812949	0.94482828	0.97754449	KCTD20
11329	ENSG00000112079	763.687359	0.02994652	0.0912247	0.73615336	0.87477001	STK38
6428	ENSG00000112081	6377.67565	-0.08509242	0.06849617	0.20743863	0.41458472	SRSF3
6648	ENSG00000112096	1001.36884	-0.2292707	0.09808348	0.01530632	0.05855714	SOD2
29074	ENSG00000112110	515.416852	-0.3613556	0.11588777	0.00103297	0.0060739	MRPL18
3605	ENSG00000112115	0	NA	NA	NA	NA	IL17A
112744	ENSG00000112116	0	NA	NA	NA	NA	IL17F
4172	ENSG00000112118	5007.08773	-0.2991758	0.05302719	1.20E-08	1.81E-07	MCM3
9025	ENSG00000112130	457.445347	-0.32679122	0.14357323	0.01380183	0.05391382	RNF8
221692	ENSG00000112137	318.592184	-1.89490268	0.14977858	7.79E-38	5.66E-36	PHACTR1
266727	ENSG00000112139	66.8409493	-2.22933472	0.43862903	1.33E-08	1.99E-07	MDGA1
22858	ENSG00000112144	712.02217	0.05279569	0.09521337	0.56849498	0.76931138	CILK1
26268	ENSG00000112146	914.224931	0.18084681	0.09251319	0.04366314	0.13403632	FBXO9

9308	ENSG00000112149	130.196442	0.25760487	0.19938968	0.13289728	0.306306	CD83
23195	ENSG00000112159	3102.87324	-0.16726575	0.06244212	0.00656146	0.02927351	MDN1
2740	ENSG00000112164	204.695471	0.03922134	0.16194038	0.79067064	0.90466583	GLP1R
55776	ENSG00000112167	211.433589	0.06958194	0.15090447	0.61815554	0.80452675	SAYSD1
653	ENSG00000112175	0	NA	NA	NA	NA	BMP5
60468	ENSG00000112182	1526.20852	-0.29951709	0.10083559	0.00187433	0.0101161	BACH2
221662	ENSG00000112183	5.08980011	3.41233259	2.0594212	0.00278906	0.01424321	RBM24
10486	ENSG00000112186	177.937152	0.81033141	0.22637563	5.55E-05	0.00044767	CAP2
79865	ENSG00000112195	0	NA	NA	NA	NA	TREML2
26036	ENSG00000112200	1088.86438	-0.12610327	0.10851502	0.22463448	0.43844053	ZNF451
9532	ENSG00000112208	349.915431	0.34134072	0.17040505	0.02576415	0.08917669	BAG2
51715	ENSG00000112210	215.259925	-0.18941208	0.15127166	0.17178923	0.36432905	RAB23
222642	ENSG00000112212	1.14950504	0.05651207	0.38624043	0.32144351	NA	TSPO2
9457	ENSG00000112214	0	NA	NA	NA	NA	FHL5
81491	ENSG00000112218	155.756819	0.32797924	0.18780791	0.04665811	0.14119844	GPR63
202559	ENSG00000112232	0	NA	NA	NA	NA	KHDRBS2
26235	ENSG00000112234	530.103006	0.23282729	0.11676115	0.03592227	0.11567893	FBXL4
892	ENSG00000112237	638.881352	-0.09241379	0.12160144	0.42271296	0.6487179	CCNC
59336	ENSG00000112238	0.47560797	-0.02854873	0.38581796	0.54111271	NA	PRDM13
1871	ENSG00000112242	1914.36769	-0.47001882	0.0743048	1.11E-10	2.11E-09	E2F3
7803	ENSG00000112245	1999.57972	-0.07049149	0.09425549	0.43885367	0.66407447	PTP4A1
6492	ENSG00000112246	0	NA	NA	NA	NA	SIM1
10973	ENSG00000112249	1171.12263	-0.1792696	0.09331949	0.04711977	0.14216185	ASCC3
154150	ENSG00000112273	0.18922458	0.01954053	0.38488496	0.78225479	NA	HDGFL1
11149	ENSG00000112276	500.093095	-0.52069373	0.11686656	3.04E-06	3.17E-05	BVES
1297	ENSG00000112280	153.964683	2.34436923	0.22144869	2.42E-27	1.25E-25	COL9A1
9439	ENSG00000112282	733.404815	0.06001911	0.09808186	0.52731839	0.73910257	MED23
8936	ENSG00000112290	2010.13418	-0.23696264	0.07912498	0.0021603	0.01143925	WASF1
2822	ENSG00000112293	227.625498	-0.3137265	0.20399746	0.0717662	0.19512696	GPLD1
7915	ENSG00000112294	636.266592	-0.66862974	0.10366046	2.80E-11	5.68E-10	ALDH5A1
202	ENSG00000112297	20.4993232	-0.69765553	0.72516613	0.0231768	0.08199496	CRYBG1
8876	ENSG00000112299	0	NA	NA	NA	NA	VNN1
8875	ENSG00000112303	0	NA	NA	NA	NA	VNN2
55856	ENSG00000112304	347.637072	0.00520147	0.12248599	0.96517903	0.98622874	ACOT13
60682	ENSG00000112305	745.443392	-0.08116644	0.09688398	0.38595816	0.61510241	SMAP1
6206	ENSG00000112306	6156.53409	-0.01400127	0.05241011	0.70483604	0.85803894	RPS12
81688	ENSG00000112308	1151.36377	0.04084743	0.0801698	0.60303848	0.79307194	C6orf62
135152	ENSG00000112309	34.7545245	0.06226363	0.27858111	0.74915917	0.88205755	B3GAT2

51053	ENSG00000112312	841.529994	-0.16089196	0.0894824	0.06392694	0.1796757	GMNN
2070	ENSG00000112319	115.596847	7.52525239	0.72756435	2.32E-24	1.08E-22	EYA4
55084	ENSG00000112320	454.767828	-1.20677858	0.16592594	3.46E-14	8.86E-13	SOBP
7101	ENSG00000112333	3.13102258	0.09710571	0.38882296	0.33051215	0.5593109	NR2E1
8724	ENSG00000112335	1727.08371	-0.04756092	0.06924414	0.48384537	0.70413645	SNX3
10246	ENSG00000112337	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SLC17A2
10767	ENSG00000112339	823.842252	0.01549247	0.10574461	0.88010845	0.94683492	HBS1L
10475	ENSG00000112343	0.173733	0.01914545	0.38484597	0.78225479	NA	TRIM38
5191	ENSG00000112357	210.697515	-0.20598194	0.16772384	0.17101555	0.36315408	PEX7
9841	ENSG00000112365	321.194232	-0.23133414	0.13255336	0.06198627	0.17568679	ZBTB24
9896	ENSG00000112367	513.843149	0.07731908	0.10971661	0.46264381	0.68555181	FIG4
64065	ENSG00000112378	0	NA	NA	NA	NA	PERP
57221	ENSG00000112379	0	NA	NA	NA	NA	ARFGF3
117247	ENSG00000112394	227.912776	0.19546514	0.18881193	0.23486093	0.45174425	SLC16A10
51696	ENSG00000112406	135.043103	0.18614919	0.20150833	0.28043603	0.5049783	HECA
57211	ENSG00000112414	0	NA	NA	NA	NA	ADGRG6
9749	ENSG00000112419	362.630757	0.2402947	0.15782362	0.09418559	0.23837761	PHACTR2
7957	ENSG00000112425	271.258658	-0.36985448	0.15111624	0.00773578	0.03354707	EPM2A
81797	ENSG00000112462	0	NA	NA	NA	NA	OR12D3
7922	ENSG00000112473	1851.47466	0.05129955	0.06703503	0.43781504	0.66289835	SLC39A7
1235	ENSG00000112486	0	NA	NA	NA	NA	CCR6
54346	ENSG00000112494	0.18922458	0.01954053	0.38488496	0.78225479	NA	UNC93A
6582	ENSG00000112499	0	NA	NA	NA	NA	SLC22A2
5252	ENSG00000112511	598.795874	0.33721192	0.11081718	0.00144239	0.00810451	PHF1
51596	ENSG00000112514	1465.45692	0.16713743	0.081695	0.03606089	0.11599352	CUTA
135138	ENSG00000112530	19.326547	0.80364546	0.74964355	0.01724173	0.06468908	PACRG
9444	ENSG00000112531	1824.5993	1.04269345	0.07712517	1.51E-42	1.22E-40	QKI
168090	ENSG00000112539	10.6885166	0.06088132	0.3488729	0.6972058	0.85387893	C6orf118
10846	ENSG00000112541	1012.29047	1.85991112	0.100471	1.37E-77	2.63E-75	PDE10A
90632	ENSG00000112541	1012.29047	1.85991112	0.100471	1.37E-77	2.63E-75	PDE10A
4188	ENSG00000112559	723.062544	0.86141651	0.10081798	2.23E-18	7.69E-17	MDFI
7942	ENSG00000112561	131.547356	-0.23606654	0.19133498	0.15532797	0.34116096	TFEB
64094	ENSG00000112562	22.3661371	0.45947977	0.46762904	0.06819399	0.18796453	SMOC2
896	ENSG00000112576	544.332697	-0.04290948	0.12957828	0.72397359	0.86794586	CCND3
705	ENSG00000112578	730.164855	-0.18585808	0.10588593	0.06686484	0.18540858	BYSL
84498	ENSG00000112584	1216.22079	0.29992628	0.08110102	0.00015148	0.00110451	FAM120B
6908	ENSG00000112592	557.013182	0.18308458	0.11873782	0.1043661	0.25722378	TBP
2979	ENSG00000112599	50.1516034	0.44066271	0.31089852	0.05245711	0.15445963	GUCA1B

5961	ENSG00000112619	0.51210169	0.01491862	0.38308811	0.74405738	NA	PRPH2
23506	ENSG00000112624	655.959856	-0.43860982	0.11499955	6.29E-05	0.00050303	BICRAL
5528	ENSG00000112640	1347.69318	-0.20889801	0.0783288	0.00634802	0.0284428	PPP2R5D
51069	ENSG00000112651	299.676488	0.27730385	0.13467652	0.02759446	0.09387416	MRPL2
5754	ENSG00000112655	4768.20151	0.0737562	0.0589343	0.20531159	0.41224389	PTK7
6722	ENSG00000112658	1465.03728	0.24363752	0.07749061	0.00130375	0.00742006	SRF
23113	ENSG00000112659	1484.21831	0.35288265	0.10879048	0.00069993	0.00432742	CUL9
10591	ENSG00000112667	938.303003	0.43124495	0.0949927	2.72E-06	2.86E-05	DNPH1
56940	ENSG00000112679	310.830676	1.60192269	0.15733956	1.91E-25	9.22E-24	DUSP22
55770	ENSG00000112685	624.570637	-0.23933758	0.12796156	0.04637313	0.14052892	EXOC2
1347	ENSG00000112695	1484.48855	-0.10261692	0.07129325	0.14258832	0.3213258	COX7A2
55754	ENSG00000112697	2161.17001	-0.38935534	0.06665572	2.86E-09	4.61E-08	TMEM30A
2762	ENSG00000112699	202.848017	-0.13717172	0.16030655	0.34500329	0.57544054	GMDS
26054	ENSG00000112701	1830.97556	-0.06142494	0.07644363	0.41218478	0.64000085	SENP6
3617	ENSG00000112706	10.6855313	0.28872376	0.49626061	0.0758828	0.20317338	IMPG1
7422	ENSG00000112715	1904.24934	-0.33599466	0.10850006	0.00120313	0.00694501	VEGFA
8899	ENSG00000112739	2525.47894	0.02562571	0.06806933	0.7081852	0.85971939	PRPF4B
7272	ENSG00000112742	793.84144	-0.37239639	0.10877264	0.00034417	0.00231737	TTK
2030	ENSG00000112759	2710.3234	-0.34453322	0.06266879	2.36E-08	3.39E-07	SLC29A1
8838	ENSG00000112761	0.3436116	0.02364564	0.38535635	0.62278312	NA	CCN6
11120	ENSG00000112763	610.720528	0.25514079	0.11050079	0.01558617	0.05949013	BTN2A1
3910	ENSG00000112769	146.828777	-0.56623951	0.27446899	0.00989951	0.04113221	LAMA4
55603	ENSG00000112773	229.935947	-1.39047527	0.16797195	1.13E-17	3.64E-16	TENT5A
53405	ENSG00000112782	0	NA	NA	NA	NA	CLIC5
57666	ENSG00000112787	2259.8788	0.18160311	0.06948868	0.00782991	0.03390342	FBRSL1
59084	ENSG00000112796	0	NA	NA	NA	NA	ENPP5
9450	ENSG00000112799	0	NA	NA	NA	NA	LY86
10279	ENSG00000112812	0.18922458	0.01954053	0.38488496	0.78225479	NA	PRSS16
4224	ENSG00000112818	0	NA	NA	NA	NA	MEP1A
9096	ENSG00000112837	16.6874347	8.11127742	2.69316361	5.60E-09	8.72E-08	TBX18
55914	ENSG00000112851	1118.93707	-0.69011202	0.0953392	1.09E-13	2.65E-12	ERBIN
56133	ENSG00000112852	116.014449	0.40465603	0.21255814	0.02556467	0.08865635	PCDHB2
23438	ENSG00000112855	1034.19134	0.28193751	0.08041819	0.00033136	0.00223764	HARS2
83594	ENSG00000112874	360.278769	-0.26586999	0.15702531	0.06284433	0.17750484	NUDT12
55722	ENSG00000112877	264.23177	0.01554055	0.14647594	0.91041813	0.96165126	CEP72
4124	ENSG00000112893	203.976244	-0.03063302	0.16511555	0.83608748	0.92527105	MAN2A1
9037	ENSG00000112902	89.605942	0.79794551	0.27896573	0.00065208	0.0040617	SEMA5A
730	ENSG00000112936	11348.6044	-1.21180138	0.05447234	1.41E-110	4.81E-108	C7

11044	ENSG00000112941	1084.29882	-0.36764112	0.09695416	8.50E-05	0.00065695	TENT4A
2690	ENSG00000112964	0	NA	NA	NA	NA	GHR
3157	ENSG00000112972	2288.7533	-0.37995775	0.20842898	0.03262908	0.10721446	HMGCS1
1611	ENSG00000112977	1576.66929	0.05002577	0.07668596	0.50605587	0.72177288	DAP
8382	ENSG00000112981	21.8909222	0.23508467	0.37696903	0.24092167	0.45885437	NME5
10902	ENSG00000112983	1327.55324	-0.09082368	0.0931361	0.31368545	0.54159326	BRD8
10112	ENSG00000112984	1817.0062	-0.04031646	0.08443566	0.62375286	0.80815364	KIF20A
23530	ENSG00000112992	2390.00083	-0.18978026	0.06959316	0.00547524	0.02514982	NNT
10884	ENSG00000112996	678.330091	-0.05032456	0.103513	0.61289453	0.80067344	MRPS30
3313	ENSG00000113013	4052.98495	-0.02609066	0.0646829	0.68154735	0.84433357	HSPA9
23107	ENSG00000113048	1278.23078	-0.41378912	0.07905326	8.54E-08	1.13E-06	MRPS27
5201	ENSG00000113068	664.551029	0.11789801	0.12073488	0.30319005	0.53049568	PFDN1
1839	ENSG00000113070	41.794568	-0.56989522	0.40070157	0.0302939	0.10114961	HBEGF
83697	ENSG00000113073	0.81228073	0.02242119	0.38334325	0.76254719	NA	SLC4A9
4015	ENSG00000113083	393.63179	0.69755713	0.12850436	1.34E-08	2.00E-07	LOX
3003	ENSG00000113088	0	NA	NA	NA	NA	GZMK
1007	ENSG00000113100	0	NA	NA	NA	NA	CDH9
10307	ENSG00000113108	357.368128	0.09493037	0.12752499	0.4303556	0.65588071	APBB3
55374	ENSG00000113119	263.594016	0.02831316	0.17268033	0.85587794	0.93567436	TMCO6
6678	ENSG00000113140	1492.72194	1.15497204	0.09695033	1.07E-33	6.89E-32	SPARC
3550	ENSG00000113141	1855.69516	0.05285185	0.08120252	0.50607775	0.72177288	IK
3156	ENSG00000113161	2813.54103	-0.28041427	0.09946997	0.00344517	0.01702418	HMGCR
10087	ENSG00000113163	760.338255	0.12753723	0.09134759	0.15052543	0.33407003	CERT1
23197	ENSG00000113194	1881.86686	-0.13520024	0.06667264	0.03925451	0.12377772	FAF2
9421	ENSG00000113196	4834.90309	0.19970942	0.05691263	0.00038836	0.00257691	HAND1
56132	ENSG00000113205	393.774894	-0.16530418	0.12885827	0.17201043	0.36458	PCDHB3
26167	ENSG00000113209	56.9542267	0.84776364	0.38614575	0.00328457	0.01633228	PCDHB5
56130	ENSG00000113211	263.424607	0.8887393	0.15390973	1.20E-09	2.05E-08	PCDHB6
56129	ENSG00000113212	42.4700176	0.25604368	0.30527318	0.2249195	0.43877008	PCDHB7
8622	ENSG00000113231	118.221549	-0.65524268	0.24728432	0.00172686	0.00945647	PDE8B
57396	ENSG00000113240	312.227087	-0.11907697	0.1279307	0.32554393	0.55359488	CLK4
56121	ENSG00000113248	265.658303	-0.19189836	0.15391099	0.17222574	0.36478687	PCDHB15
26762	ENSG00000113249	0.173733	0.01914545	0.38484597	0.78225479	NA	HAVCR1
2916	ENSG00000113262	25.2350172	0.27629749	0.38195237	0.18859997	0.38924617	GRM6
3702	ENSG00000113263	0	NA	NA	NA	NA	ITK
55819	ENSG00000113269	1387.49191	0.34975436	0.07432207	1.55E-06	1.70E-05	RNF130
54974	ENSG00000113272	455.225346	-0.1934923	0.13398096	0.12214173	0.28896853	THG1L
411	ENSG00000113273	494.126151	-0.31433795	0.12478631	0.0074375	0.0324879	ARSB

9685	ENSG00000113282	1955.10607	-0.10103749	0.0753185	0.17008753	0.36191941	CLINT1
7060	ENSG00000113296	231.664827	1.16409623	0.18419013	2.79E-11	5.68E-10	THBS4
57472	ENSG00000113300	1732.49712	-0.48520201	0.07926784	3.88E-10	7.03E-09	CNOT6
3593	ENSG00000113302	0	NA	NA	NA	NA	IL12B
79908	ENSG00000113303	0	NA	NA	NA	NA	BTNL8
7265	ENSG00000113312	656.075457	0.06433844	0.09365666	0.4792684	0.70061045	TTC1
4437	ENSG00000113318	546.423351	-0.29360868	0.10785844	0.00443139	0.02104325	MSH3
5924	ENSG00000113319	40.6883391	0.02800717	0.27020281	0.88605523	0.95015905	RASGRF2
2566	ENSG00000113327	1.25319808	-0.04068253	0.38420537	0.46803325	NA	GABRG2
900	ENSG00000113328	1609.3871	-0.2506431	0.07336759	0.0004879	0.0031582	CCNG1
10622	ENSG00000113356	147.281889	0.18024299	0.19864621	0.2905911	0.51667585	POLR3G
29102	ENSG00000113360	1630.10001	0.16051769	0.09100847	0.06920466	0.18985349	DROSHA
1004	ENSG00000113361	0	NA	NA	NA	NA	CDH6
4001	ENSG00000113368	3215.7716	-0.34960944	0.07257144	8.81E-07	1.01E-05	LMNB1
57561	ENSG00000113369	648.621295	-0.14584727	0.11374173	0.17644307	0.37102603	ARRDC3
64083	ENSG00000113384	1179.99541	-0.11043135	0.08134754	0.16432846	0.35376265	GOLPH3
10923	ENSG00000113387	1679.15256	-0.13572322	0.08510108	0.10135615	0.2518039	SUB1
4883	ENSG00000113389	1.86888861	0.06712512	0.38520622	0.39568254	NA	NPR3
83989	ENSG00000113391	1001.24028	0.12185453	0.09463216	0.18141605	0.37883323	FAM172A
28965	ENSG00000113396	16.2028081	3.05544547	0.84534311	1.96E-05	0.00017575	SLC27A6
6897	ENSG00000113407	2420.14951	0.00228926	0.08388446	0.97851949	0.99267917	TARS1
50805	ENSG00000113430	0	NA	NA	NA	NA	IRX4
4012	ENSG00000113441	552.151854	-0.23263037	0.11524043	0.0334944	0.10951287	LNPEP
5144	ENSG00000113448	304.64289	-0.03357732	0.14762694	0.80205939	0.90951407	PDE4D
5810	ENSG00000113456	745.406641	-0.24776425	0.10858385	0.0168775	0.06358709	RAD1
55299	ENSG00000113460	762.003616	0.14626068	0.09764197	0.12128951	0.28753541	BRIX1
64902	ENSG00000113492	0	NA	NA	NA	NA	AGXT2
5618	ENSG00000113494	12.8729149	2.7875109	0.94275585	0.00010634	0.00080373	PRLR
10723	ENSG00000113504	201.41572	1.84804381	0.20122164	2.60E-21	1.03E-19	SLC12A7
3565	ENSG00000113520	0	NA	NA	NA	NA	IL4
10111	ENSG00000113522	2034.80768	0.03879256	0.07706477	0.6089558	0.7978212	RAD50
3567	ENSG00000113525	0.910068	-0.05134303	0.38885868	0.26827551	NA	IL5
7903	ENSG00000113532	18.0830613	5.43550306	1.09029432	3.53E-07	4.33E-06	ST8SIA4
10007	ENSG00000113552	1146.02057	-0.08419773	0.09707394	0.3692206	0.59862194	GNPDA1
51294	ENSG00000113555	67.1511674	0.37494643	0.34213016	0.10057896	0.2503119	PCDH12
6500	ENSG00000113558	3336.85923	0.01377084	0.05934977	0.81805291	0.9171248	SKP1
9631	ENSG00000113569	1719.58497	-0.14647759	0.09699874	0.11785633	0.28165137	NUP155
5515	ENSG00000113575	2713.45316	-0.0555644	0.06710595	0.40012721	0.62854504	PPP2CA

2246	ENSG00000113578	170.44748	-1.53621607	0.23598168	5.10E-12	1.11E-10	FGF1
2908	ENSG00000113580	310.164167	0.87126083	0.14196935	1.38E-10	2.62E-09	NR3C1
56951	ENSG00000113583	639.177149	-0.30392035	0.10126752	0.00180372	0.00979359	C5orf15
23398	ENSG00000113593	478.242186	0.01397236	0.11065812	0.89541254	0.95469109	PPWD1
3977	ENSG00000113594	65.2625383	3.68117516	0.39489095	7.42E-22	3.04E-20	LIFR
373	ENSG00000113595	277.460655	-0.35644061	0.15622212	0.01242695	0.04959996	TRIM23
80006	ENSG00000113597	406.25235	0.11989827	0.12794799	0.32120717	0.54894911	TRAPPC13
735	ENSG00000113600	0	NA	NA	NA	NA	C9
10802	ENSG00000113615	664.782376	-0.28649905	0.1234944	0.0138326	0.05401276	SEC24A
79770	ENSG00000113621	600.084754	-0.37299479	0.12250629	0.00128128	0.00731947	TXNDC15
23548	ENSG00000113638	494.949369	-0.42974502	0.14533475	0.00141955	0.00799654	TTC33
5917	ENSG00000113643	1538.54628	-0.06651402	0.09935002	0.48741383	0.70726738	RARS1
23286	ENSG00000113645	543.008522	-0.4682785	0.16814792	0.0021103	0.01120673	WWC1
9555	ENSG00000113648	6446.2403	-0.01784314	0.06498339	0.77972825	0.89925062	MACROH2A1
10915	ENSG00000113649	2667.3123	-0.29956645	0.06493121	2.75E-06	2.89E-05	TCERG1
1809	ENSG00000113657	14256.3043	0.54718714	0.06136605	1.84E-19	6.68E-18	DPYSL3
4090	ENSG00000113658	1968.76669	-0.11633721	0.09494428	0.2051336	0.41205331	SMAD5
1452	ENSG00000113712	3398.70026	-0.00528834	0.06480527	0.93322288	0.97202552	CSNK1A1
22993	ENSG00000113716	2061.76038	-0.05891545	0.0689863	0.38482019	0.61378186	HMGXB3
57222	ENSG00000113719	3445.24539	-0.17511723	0.0644176	0.00557488	0.02551703	ERGIC1
5159	ENSG00000113721	2132.01116	-0.12456854	0.0873866	0.14237747	0.32117652	PDGFRB
1044	ENSG00000113722	30.3005251	-0.338375	0.37031846	0.13498306	0.30945965	CDX1
8992	ENSG00000113732	566.880119	-0.2664261	0.11525952	0.01487522	0.05727678	ATP6V0E1
662	ENSG00000113734	183.740154	-0.24586991	0.16315529	0.09518702	0.24026852	BNIP1
8614	ENSG00000113739	866.568266	0.0906492	0.14126187	0.49088652	0.7104748	STC2
80315	ENSG00000113742	606.951026	-0.56334235	0.10749989	5.30E-08	7.26E-07	CPEB4
3274	ENSG00000113749	1.4225907	-0.02835773	0.38008814	0.68061404	NA	HRH2
1627	ENSG00000113758	8727.84209	0.13623246	0.05936775	0.02019767	0.07347302	DBN1
23567	ENSG00000113761	626.046463	0.12802009	0.11752541	0.25259454	0.47264695	ZNF346
90249	ENSG00000113763	824.728401	-3.04508765	0.11964269	4.47E-144	3.06E-141	UNC5A
1962	ENSG00000113790	214.528707	0.09764155	0.19370637	0.56034499	0.76415299	EHHADH
5067	ENSG00000113805	54.2873514	1.88514523	0.47633096	3.17E-06	3.29E-05	CNTN3
10051	ENSG00000113810	5138.88785	-0.22424541	0.06592964	0.00054339	0.00346873	SMC4
58515	ENSG00000113811	561.586588	0.28562189	0.11762691	0.01052148	0.04316015	SELENOK
93973	ENSG00000113812	793.658123	0.145814	0.09819004	0.12424776	0.29220905	ACTR8
55171	ENSG00000113838	335.590973	-0.16411657	0.14838709	0.22942125	0.44501603	TBCCD1
51300	ENSG00000113845	1770.16101	0.19302911	0.07458065	0.00832743	0.03570698	TIMMDC1
51185	ENSG00000113851	603.862139	0.01478192	0.10148648	0.88077401	0.94723311	CRBN

3827	ENSG00000113889	0.49444345	-0.02942187	0.38589312	0.52715984	NA	KNG1
3273	ENSG00000113905	0	NA	NA	NA	NA	HRG
604	ENSG00000113916	1.61398434	-0.02376934	0.37985765	0.72051391	NA	BCL6
3081	ENSG00000113924	2.33009785	0.0534513	0.37981278	0.5425998	NA	HGD
10686	ENSG00000113946	0	NA	NA	NA	NA	CLDN16
84100	ENSG00000113966	453.030422	-0.43009308	0.12560299	0.0002883	0.00197305	ARL6
27031	ENSG00000113971	468.487418	0.55010357	0.17042758	0.0003957	0.00262214	NPHP3
942	ENSG00000114013	0	NA	NA	NA	NA	CD86
51421	ENSG00000114019	820.81729	0.77037607	0.09244477	1.62E-17	5.20E-16	AMOTL2
56954	ENSG00000114021	615.011348	0.08693901	0.11632813	0.43316043	0.65852706	NIT2
26355	ENSG00000114023	465.369583	-0.03399804	0.14984067	0.80420858	0.91111799	FAM162A
4968	ENSG00000114026	590.052718	-0.06025787	0.12066596	0.59780215	0.78948244	OGG1
3836	ENSG00000114030	1146.0651	-0.2804976	0.1118537	0.00850743	0.03630616	KPNA1
5096	ENSG00000114054	1225.21046	0.09881316	0.07663561	0.18870882	0.38930882	PCCB
7337	ENSG00000114062	1630.35051	-0.26892325	0.08770404	0.00158665	0.00880041	UBE3A
25852	ENSG00000114098	652.606811	-0.00340063	0.10090641	0.97129371	0.9892437	ARMC8
80321	ENSG00000114107	357.681963	-0.23490262	0.12670926	0.04864013	0.14586156	CEP70
5948	ENSG00000114113	0.29863895	-0.02292439	0.3852726	0.68753245	NA	RBP2
5947	ENSG00000114115	5269.6184	0.16929834	0.05388452	0.00149312	0.00834464	RBP1
55186	ENSG00000114120	2421.12056	0.21124536	0.06639551	0.00120504	0.00695203	SLC25A36
131890	ENSG00000114124	4.45105359	0.38890136	0.7137691	0.01138753	0.0461927	GRK7
9616	ENSG00000114125	651.43392	-0.25422365	0.11014773	0.01561908	0.05958135	RNF7
7029	ENSG00000114126	1926.59278	0.95105021	0.10513655	2.07E-20	7.94E-19	TFDP2
54464	ENSG00000114127	964.676613	-0.18220127	0.11677214	0.0998047	0.2488914	XRN1
8850	ENSG00000114166	316.812235	-0.31484827	0.13397059	0.01189073	0.04788247	KAT2B
590	ENSG00000114200	308.825779	0.6438985	0.19471849	0.00022843	0.0016003	BCHE
5276	ENSG00000114204	0	NA	NA	NA	NA	SERPINI2
11235	ENSG00000114209	503.788848	0.0044054	0.11224252	0.96817533	0.98809325	PDCD10
79782	ENSG00000114248	0.34043669	1.23E-05	0.38336209	0.96513672	NA	LRRC31
7474	ENSG00000114251	68.2509491	0.51450943	0.33367158	0.03145056	0.10413538	WNT5A
5210	ENSG00000114268	252.763888	-0.00431647	0.1538488	0.9744631	0.99089477	PFKFB4
1294	ENSG00000114270	86.5166681	0.442252	0.33773399	0.0584365	0.16783152	COL7A1
2257	ENSG00000114279	0.173124	-0.01911262	0.38486262	0.84537521	NA	FGF12
5576	ENSG00000114302	1191.59371	-0.25197658	0.12719225	0.03510904	0.11357627	PRKAR2A
3280	ENSG00000114315	32.7509636	0.14962783	0.30178459	0.4542531	0.67744995	HES1
7375	ENSG00000114316	1233.50042	-0.01219679	0.09026768	0.8886226	0.95146564	USP4
107986084	ENSG00000114316	1233.50042	-0.01219679	0.09026768	0.8886226	0.95146564	USP4
23527	ENSG00000114331	1102.00463	-0.67537516	0.08522716	5.74E-16	1.66E-14	ACAP2

1894	ENSG00000114346	1784.93654	-0.32542034	0.08762601	0.0001311	0.00096797	ECT2
2779	ENSG00000114349	0	NA	NA	NA	NA	GNAT1
2771	ENSG00000114353	1807.63024	-0.12115652	0.07288853	0.09010437	0.23086121	GNAI2
10342	ENSG00000114354	1761.34861	0.20418406	0.06631205	0.00175566	0.00958248	TFG
8287	ENSG00000114374	0	NA	NA	NA	NA	USP9Y
64595	ENSG00000114374	0	NA	NA	NA	NA	USP9Y
3373	ENSG00000114378	65.7941091	0.01040896	0.23956862	0.95731049	0.98264776	HYAL1
11334	ENSG00000114383	692.105951	-0.00764251	0.10972108	0.9411705	0.97559098	TUSC2
10641	ENSG00000114388	780.793613	0.21235806	0.10034892	0.0280578	0.0952218	NPRL2
6152	ENSG00000114391	8120.19471	-0.02676006	0.04985585	0.58695846	0.78237765	RPL24
11068	ENSG00000114395	274.338144	-0.20620091	0.14010098	0.11274313	0.27188813	CYB561D2
57415	ENSG00000114405	319.645366	-0.07226011	0.13505129	0.56647349	0.76820466	C3orf14
8087	ENSG00000114416	2925.63642	0.06434779	0.06247712	0.2969827	0.5236583	FXR1
868	ENSG00000114423	628.545657	0.34689338	0.1139392	0.0013879	0.00784722	CBLB
56987	ENSG00000114439	1331.65854	0.09554238	0.0977832	0.31236043	0.54011076	BBX
55081	ENSG00000114446	495.222485	0.3450088	0.12289362	0.00297269	0.01501864	IFT57
59345	ENSG00000114450	1074.36467	-0.29324205	0.09049943	0.00082635	0.00500297	GNB4
11148	ENSG00000114455	0.173124	-0.01911262	0.38486262	0.84537521	NA	HHLA2
84223	ENSG00000114473	108.541738	0.27159308	0.22713982	0.14504887	0.32541747	IQCG
2632	ENSG00000114480	168.996963	-0.18990224	0.16774181	0.20698498	0.41417369	GBE1
27136	ENSG00000114487	0	NA	NA	NA	NA	MORC1
7372	ENSG00000114491	929.015724	-0.08566018	0.09867442	0.36813175	0.59754021	UMPS
22916	ENSG00000114503	3616.40677	-0.064444	0.0568851	0.25166913	0.47149344	NCBP2
8723	ENSG00000114520	907.671062	0.09998894	0.08906141	0.24856873	0.46784968	SNX4
79669	ENSG00000114529	33.5954363	2.01662435	0.47922776	1.44E-06	1.59E-05	C3orf52
23150	ENSG00000114541	44.4945463	-0.12633695	0.29505762	0.51758924	0.73141449	FRMD4B
54946	ENSG00000114544	747.993422	-0.22599069	0.10427085	0.02374217	0.08361089	SLC41A3
152015	ENSG00000114547	9.40572923	-0.3132766	0.52558812	0.06198005	0.17568679	ROPN1B
5361	ENSG00000114554	3440.91632	-0.34943252	0.07989135	7.37E-06	7.18E-05	PLXNA1
523	ENSG00000114573	1305.93892	-0.51298369	0.10173926	1.72E-07	2.20E-06	ATP6V1A
80325	ENSG00000114626	276.171408	0.34090255	0.16005072	0.019131	0.07027571	ABTB1
50512	ENSG00000114631	3034.8558	-0.10842794	0.05880924	0.06155507	0.17488938	PODXL2
7348	ENSG00000114638	0.18922458	0.01954053	0.38488496	0.78225479	NA	UPK1B
10675	ENSG00000114646	105.342697	-0.33789525	0.21309633	0.06059201	0.17264764	CSPG5
23276	ENSG00000114648	685.976057	-0.09582535	0.10430286	0.33741044	0.56778823	KLHL18
22937	ENSG00000114650	2475.44922	0.08373193	0.06853672	0.21444441	0.42477806	SCAP
79825	ENSG00000114654	1.04143875	0.05900488	0.39038104	0.19798031	NA	EFCC1
57501	ENSG00000114656	25.2705923	0.13270733	0.31133327	0.49934093	0.71682702	CFAP92

79858	ENSG00000114670	64.1471507	0.11418229	0.24152554	0.5476458	0.75435339	NEK11
11222	ENSG00000114686	1981.95576	-0.15543766	0.07154187	0.02678521	0.09189323	MRPL3
57088	ENSG00000114698	0	NA	NA	NA	NA	PLSCR4
51409	ENSG00000114735	870.720418	0.26106877	0.11827546	0.01998861	0.07291303	HEMK1
1154	ENSG00000114737	194.960333	0.77494705	0.17480519	1.75E-06	1.90E-05	CISH
7867	ENSG00000114738	427.996922	0.13430789	0.114882	0.22036459	0.43277467	MAPKAPK3
93	ENSG00000114739	1537.93961	-0.1089098	0.07182015	0.12231897	0.28928458	ACVR2B
57599	ENSG00000114742	1262.49133	0.13655289	0.08816906	0.11128937	0.26948227	WDR48
51122	ENSG00000114744	544.970115	-0.08376193	0.12745046	0.48486409	0.70489511	COMMD2
64689	ENSG00000114745	659.172769	-0.16782774	0.11479263	0.12440277	0.29243495	GORASP1
51555	ENSG00000114757	118.630286	-1.81780733	0.30499196	1.55E-10	2.92E-09	PEX5L
9136	ENSG00000114767	477.308815	0.02284552	0.10816004	0.82662665	0.92144622	RRP9
10057	ENSG00000114770	2113.31158	0.41867462	0.07604694	1.89E-08	2.75E-07	ABCC5
13	ENSG00000114771	0	NA	NA	NA	NA	AADAC
84836	ENSG00000114779	491.668449	0.00891936	0.11719052	0.93691046	0.97351594	ABHD14B
10289	ENSG00000114784	630.882687	-0.22193788	0.10460004	0.02700083	0.09245712	EIF1B
100526760	ENSG00000114786	88.6384314	-0.00615837	0.278199	0.97226429	0.98958828	ABHD14A-ACY1
26084	ENSG00000114790	121.991486	0.54838835	0.22275562	0.00407993	0.01963274	ARHGEF26
54800	ENSG00000114796	1351.46209	0.02908481	0.11812704	0.79403555	0.90579008	KLHL24
23007	ENSG00000114805	126.960851	0.2370349	0.20141784	0.16956734	0.3612387	PLCH1
7433	ENSG00000114812	11.2541091	-0.18846025	0.41176714	0.20235944	0.40788492	VIPR1
25981	ENSG00000114841	189.959823	0.1989836	0.35412955	0.31439709	0.5421676	DNAH1
6747	ENSG00000114850	1513.49616	0.10991526	0.07487726	0.13451842	0.3089299	SSR3
92999	ENSG00000114853	436.039125	-0.15550398	0.14543642	0.24662414	0.46578072	ZBTB47
7134	ENSG00000114854	2.06076984	0.05901115	0.38222193	0.47725525	NA	TNNC1
4820	ENSG00000114857	4237.20364	0.06489516	0.0726765	0.36363975	0.59353748	NKTR
1181	ENSG00000114859	246.519936	0.13446475	0.18898981	0.40985125	0.63781072	CLCN2
27086	ENSG00000114861	1297.71254	-0.57226327	0.0849266	5.21E-12	1.13E-10	FOXP1
1981	ENSG00000114867	9763.57151	-0.09842059	0.05608321	0.07536286	0.20221788	EIF4G1
28972	ENSG00000114902	1129.21194	0.14841208	0.08865548	0.08521127	0.22148098	SPCS1
6787	ENSG00000114904	584.906273	0.48462213	0.11009385	4.39E-06	4.46E-05	NEK4
6508	ENSG00000114923	606.491858	0.34892972	0.1117474	0.00106708	0.00624141	SLC4A3
54891	ENSG00000114933	512.272057	-0.01667303	0.11128146	0.87442715	0.94470892	INO80D
1933	ENSG00000114942	5601.2476	-0.36254057	0.05403196	1.17E-11	2.48E-10	EEF1B2
8745	ENSG00000114948	459.131481	-0.43461377	0.17202053	0.004957	0.02306446	ADAM23
1716	ENSG00000114956	1144.7836	0.01269631	0.08049639	0.87174078	0.94401928	DGUOK
55233	ENSG00000114978	1546.64979	-0.024542	0.08009982	0.75326954	0.88464062	MOB1A
55683	ENSG00000114982	1944.97231	-0.10557652	0.06786357	0.11362423	0.27361388	KANSL3

81562	ENSG00000114988	289.579161	-0.06105158	0.13178692	0.62102614	0.80672374	LMAN2L
6242	ENSG00000114993	518.460699	0.23745716	0.12884742	0.04982129	0.14857274	RTKN
150465	ENSG00000114999	1810.89303	-0.05516787	0.07365803	0.44483952	0.66962186	TTL
3552	ENSG00000115008	0	NA	NA	NA	NA	IL1A
6364	ENSG00000115009	0	NA	NA	NA	NA	CCL20
200576	ENSG00000115020	1821.9356	-0.10496609	0.07223908	0.1383309	0.31466234	PIKFYVE
30818	ENSG00000115041	30.3645276	0.14120033	0.31857821	0.47025942	0.69253479	KCNIP3
51011	ENSG00000115042	249.891133	0.62436175	0.16611375	4.49E-05	0.00037287	FAHD2A
4691	ENSG00000115053	13102.9952	-0.28199878	0.04764895	2.41E-09	3.93E-08	NCL
10120	ENSG00000115073	801.805035	0.04776944	0.09912559	0.61901393	0.80522138	ACTR1B
80255	ENSG00000115084	968.990031	0.12105301	0.10547364	0.23258451	0.44940365	SLC35F5
7535	ENSG00000115085	11.6164891	0.14638797	0.3604583	0.4051589	0.63353977	ZAP70
10096	ENSG00000115091	2037.60006	-0.12828698	0.08404725	0.11704905	0.28012704	ACTR3
55240	ENSG00000115107	210.716688	-0.25330336	0.1567426	0.07573931	0.20287132	STEAP3
57669	ENSG00000115109	943.182552	0.18564576	0.1078998	0.07249958	0.19628706	EPB41L5
29842	ENSG00000115112	38.2518756	2.53235516	0.59433638	8.83E-07	1.01E-05	TFCP2L1
51639	ENSG00000115128	1775.26267	-0.05491585	0.07260594	0.44018945	0.66517856	SF3B6
9540	ENSG00000115129	412.334106	0.30581956	0.1256938	0.00979672	0.04082482	TP53I3
51277	ENSG00000115137	279.161436	0.12427472	0.18296146	0.44058654	0.66549197	DNAJC27
5443	ENSG00000115138	0.69153686	0.01680424	0.38318935	0.66879163	NA	POMC
10254	ENSG00000115145	350.055951	0.00390131	0.14308412	0.97769181	0.99244848	STAM2
9381	ENSG00000115155	2.88571501	-0.05246782	0.38387485	0.30767401	0.53516122	OTOF
2820	ENSG00000115159	681.456796	0.3384716	0.14241873	0.01044717	0.04290453	GPD2
1058	ENSG00000115163	604.737691	-0.22735081	0.10916219	0.02932384	0.09860761	CENPA
9595	ENSG00000115165	0.173124	-0.01911262	0.38486262	0.84537521	NA	CYTIP
90	ENSG00000115170	467.343992	-0.25970607	0.11781309	0.02011883	0.07323992	ACVR1
85461	ENSG00000115183	2009.08016	0.39193752	0.07232745	3.31E-08	4.65E-07	TANC1
7781	ENSG00000115194	588.986664	-2.53533635	0.13362791	1.78E-81	3.68E-79	SLC30A3
4358	ENSG00000115204	1722.8654	0.02212509	0.06775016	0.74091734	0.87763281	MPV17
2976	ENSG00000115207	2753.35684	0.18380426	0.07555306	0.01297636	0.05137715	GTF3C2
8890	ENSG00000115211	864.339595	-0.02550655	0.08829215	0.76598541	0.89234011	EIF2B4
29959	ENSG00000115216	2028.84018	0.13375096	0.06657242	0.04130966	0.12854198	NRBP1
3694	ENSG00000115221	0	NA	NA	NA	NA	ITGB6
64838	ENSG00000115226	601.323019	0.89818306	0.10872823	2.31E-17	7.33E-16	FNDC4
3676	ENSG00000115232	217.293814	-0.02479276	0.1578414	0.86203021	0.9387792	ITGA4
10213	ENSG00000115233	1201.11734	0.08820808	0.09644969	0.34536256	0.57584615	PSMD14
9784	ENSG00000115234	2429.13101	0.14719639	0.08351747	0.07075746	0.1930817	SNX17
51130	ENSG00000115239	423.552814	-0.11809992	0.11482505	0.27980359	0.50438881	ASB3

100302652	ENSG00000115239	423.552814	-0.11809992	0.11482505	0.27980359	0.50438881	ASB3
5496	ENSG00000115241	6405.13818	-0.42793488	0.05508204	3.99E-15	1.10E-13	PPM1G
5136	ENSG00000115252	3.91110082	0.05357879	0.38220507	0.37094004	0.60017919	PDE1A
92840	ENSG00000115255	104.823853	0.79696232	0.23314657	0.00010528	0.00079661	REEP6
54760	ENSG00000115257	117.137936	0.78616173	0.27115753	0.00058671	0.00370948	PCSK4
2641	ENSG00000115263	0	NA	NA	NA	NA	GCG
10297	ENSG00000115266	5823.33164	-0.69421892	0.05794477	1.09E-33	7.03E-32	APC2
64135	ENSG00000115267	11.5726527	7.36195021	2.68153296	3.99E-07	4.84E-06	IFIH1
6209	ENSG00000115268	9123.66852	-0.05117488	0.05719259	0.36532989	0.5947154	RPS15
25801	ENSG00000115271	180.296703	1.02213663	0.19556456	2.06E-08	2.99E-07	GCA
83444	ENSG00000115274	493.535195	0.31408857	0.13311032	0.01167774	0.04712905	INO80B
7841	ENSG00000115275	1579.47671	0.16579073	0.07410217	0.02291519	0.08124326	MOGS
64427	ENSG00000115282	813.489933	0.1178289	0.10701306	0.2516195	0.47149344	TTC31
374291	ENSG00000115286	1274.38196	0.0485762	0.08108712	0.54019507	0.748907	NDUFS7
84759	ENSG00000115289	260.396601	0.25261522	0.15114504	0.06878499	0.1890682	PCGF1
2888	ENSG00000115290	61.805761	0.31675031	0.27898718	0.13036596	0.30247464	GRB14
79745	ENSG00000115295	798.078734	0.31167659	0.14465733	0.01971992	0.07214518	CLIP4
3196	ENSG00000115297	971.305181	0.04226503	0.09519573	0.6475299	0.82430661	TLX2
6711	ENSG00000115306	11074.1077	-0.43040143	0.05812398	3.52E-14	8.98E-13	SPTBN1
550	ENSG00000115307	1714.83322	-0.02201321	0.07204637	0.75508847	0.88608005	AUP1
57142	ENSG00000115310	3890.53653	0.07092171	0.06108419	0.23983573	0.45788499	RTN4
27429	ENSG00000115317	591.343067	-0.00211231	0.11425705	0.98361769	0.99439363	HTRA2
84695	ENSG00000115318	591.941938	-0.25077412	0.11124467	0.01785452	0.06652275	LOXL3
1796	ENSG00000115325	217.40121	0.0212454	0.16815915	0.88946431	0.95181279	DOK1
2591	ENSG00000115339	2.68293064	0.05288393	0.37759984	0.57139928	0.77166993	GALNT3
56655	ENSG00000115350	318.162224	-0.3325101	0.13402305	0.0079546	0.03433094	POLE4
6869	ENSG00000115353	1.19478899	0.0442412	0.38337837	0.4894765	NA	TACR1
55704	ENSG00000115355	2746.50598	-0.17129157	0.07846091	0.02738836	0.09338117	CCDC88A
33	ENSG00000115361	22.5693318	2.64790836	0.59693204	4.41E-07	5.30E-06	ACADL
84141	ENSG00000115363	23.0638542	0.22393499	0.38193965	0.24711009	0.46606087	EVA1A
9801	ENSG00000115364	1024.08124	-0.36219954	0.0961078	9.49E-05	0.00072665	MRPL19
10314	ENSG00000115365	2426.35681	0.00241678	0.06440647	0.97027689	0.98888633	LANCL1
84128	ENSG00000115368	1119.46975	-0.05094892	0.09605207	0.5822557	0.77911602	WDR75
2202	ENSG00000115380	0	NA	NA	NA	NA	EFEMP1
5967	ENSG00000115386	0	NA	NA	NA	NA	REG1A
55120	ENSG00000115392	578.030476	0.10978106	0.10270165	0.26737157	0.48990136	FANCL
2335	ENSG00000115414	2128.04616	2.38331323	0.12652112	2.18E-80	4.46E-78	FN1
6772	ENSG00000115415	977.2243	0.01884332	0.09694069	0.84160344	0.92800104	STAT1

2744	ENSG00000115419	2118.00517	-0.40213816	0.06617882	6.56E-10	1.16E-08	GLS
64895	ENSG00000115421	489.458713	-0.43771617	0.12523461	0.00021688	0.0015302	PAPOLG
1768	ENSG00000115423	0	NA	NA	NA	NA	DNAH6
55825	ENSG00000115425	169.12219	-0.11095505	0.18270323	0.48915347	0.70874969	PECR
25972	ENSG00000115446	402.842756	-0.01093198	0.12676071	0.94664493	0.97814213	UNC50
3485	ENSG00000115457	5193.30347	0.44313013	0.05962518	5.17E-14	1.30E-12	IGFBP2
84173	ENSG00000115459	293.181961	0.18818153	0.15658307	0.18772772	0.38805147	ELMOD3
3488	ENSG00000115461	297.611845	1.43683161	0.18963907	2.92E-15	8.17E-14	IGFBP5
9736	ENSG00000115464	3901.7672	-0.14151916	0.07436676	0.05210528	0.15376598	USP34
80303	ENSG00000115468	70.4573876	2.34994391	0.34598255	7.15E-13	1.64E-11	EFHD1
3769	ENSG00000115474	2.11692692	0.11279713	0.40262084	0.14011401	NA	KCNJ13
10575	ENSG00000115484	2997.24705	-0.05076929	0.07604883	0.4951444	0.71392913	CCT4
2677	ENSG00000115486	718.757202	0.15090205	0.11202026	0.15836812	0.34554311	GCX
4759	ENSG00000115488	0	NA	NA	NA	NA	NEU2
23301	ENSG00000115504	1117.84173	-0.5239274	0.14083187	6.91E-05	0.00054937	EHBP1
5013	ENSG00000115507	22.243587	2.48429488	0.59951843	2.00E-06	2.15E-05	OTX1
10190	ENSG00000115514	337.852042	-0.17400352	0.12881094	0.15053357	0.33407003	TXNDC9
80219	ENSG00000115520	164.887245	0.21460677	0.19090552	0.19635149	0.40005705	COQ10B
10578	ENSG00000115523	1.46586965	0.02917769	0.37938916	0.68577375	NA	GNLY
23451	ENSG00000115524	9148.72937	0.02455738	0.07676482	0.74437843	0.87963225	SF3B1
8869	ENSG00000115525	470.459212	-0.89570907	0.14070627	2.92E-11	5.91E-10	ST3GAL5
9486	ENSG00000115526	571.670494	-0.1986068	0.11610357	0.07184565	0.19526459	CHST10
79031	ENSG00000115539	353.946129	-0.00657305	0.12582185	0.95428559	0.98112988	PDCL3
25843	ENSG00000115540	790.785254	-0.03860957	0.12621524	0.74494519	0.87988222	MOB4
3336	ENSG00000115541	2044.4852	-0.15820681	0.10076086	0.10292328	0.25477628	HSPE1
55818	ENSG00000115548	745.434832	0.07943783	0.26210187	0.68381845	0.84592581	KDM3A
84812	ENSG00000115556	1043.06513	0.02843066	0.09815036	0.7652998	0.89210036	PLCD4
51652	ENSG00000115561	1267.58592	0.07310282	0.08525257	0.37951308	0.60845927	CHMP3
7701	ENSG00000115568	1474.05873	-0.03650926	0.08190756	0.64755868	0.82430661	ZNF142
7850	ENSG00000115590	0	NA	NA	NA	NA	IL1R2
53632	ENSG00000115592	0	NA	NA	NA	NA	PRKAG3
150572	ENSG00000115593	0	NA	NA	NA	NA	SMYD1
3554	ENSG00000115594	0	NA	NA	NA	NA	IL1R1
7475	ENSG00000115596	242.2688	-0.95296458	0.18629462	4.21E-08	5.83E-07	WNT6
8808	ENSG00000115598	0	NA	NA	NA	NA	IL1RL2
9173	ENSG00000115602	0	NA	NA	NA	NA	IL1RL1
8809	ENSG00000115604	0	NA	NA	NA	NA	IL18R1
8807	ENSG00000115607	0	NA	NA	NA	NA	IL18RAP

6549	ENSG00000115616	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SLC9A2
2274	ENSG00000115641	168.581636	-0.31956712	0.17430768	0.03966444	0.12459508	FHL2
79083	ENSG00000115648	6.52603067	-0.04205545	0.36226814	0.73768134	0.87612079	MLPH
27013	ENSG00000115649	1071.26253	-0.28936134	0.09572924	0.00174518	0.00954102	CNPPD1
80146	ENSG00000115652	397.828715	-0.01357849	0.11676407	0.90170929	0.95678213	UXS1
10058	ENSG00000115657	961.693664	0.242917	0.09865145	0.01068198	0.04376016	ABCB6
8576	ENSG00000115661	412.854792	-0.04960397	0.12410204	0.67168521	0.83828612	STK16
60482	ENSG00000115665	0.96513545	0.01588278	0.3807244	0.771561	NA	SLC5A7
3069	ENSG00000115677	10029.9349	-0.12036206	0.05397651	0.02413332	0.08475925	HDLBP
5510	ENSG00000115685	673.558637	-0.22256308	0.09991373	0.02066286	0.07486324	PPP1R7
23178	ENSG00000115687	764.669141	-0.35701217	0.1366388	0.00502453	0.0233101	PASK
10494	ENSG00000115694	2258.66039	0.03773661	0.06360258	0.54752199	0.75431125	STK25
7173	ENSG00000115705	7.04333111	0.05111882	0.35391593	0.72919311	0.87046879	TPO
5624	ENSG00000115718	4.08331077	0.05914903	0.37658576	0.55505242	0.7609868	PROC
3398	ENSG00000115738	367.150738	-0.31872409	0.12607344	0.00718823	0.0316008	ID2
9014	ENSG00000115750	516.641452	0.15489882	0.11836161	0.16826	0.35937974	TAF1B
3241	ENSG00000115756	1921.20108	-0.90742491	0.07632941	2.13E-33	1.35E-31	HPCAL1
4953	ENSG00000115758	3960.80574	-0.22484981	0.05484624	3.38E-05	0.00028767	ODC1
57448	ENSG00000115760	5252.63477	-0.13560148	0.08617405	0.10438048	0.25722378	BIRC6
79954	ENSG00000115761	864.528412	-0.16270394	0.088487	0.05823621	0.16740168	NOL10
55041	ENSG00000115762	1847.92908	0.07024903	0.07207847	0.32195606	0.54956623	PLEKHB2
26003	ENSG00000115806	1306.7081	0.02785877	0.08021007	0.72304706	0.86764418	GORASP2
6801	ENSG00000115808	1560.34993	-0.12436888	0.08015978	0.11213088	0.2710046	STRN
10153	ENSG00000115816	2294.92407	-0.3474522	0.07886195	6.40E-06	6.31E-05	CEBPZ
23683	ENSG00000115825	4074.47711	0.08821425	0.05581478	0.11026302	0.2676313	PRKD3
80067	ENSG00000115827	744.262771	-0.00311596	0.13129337	0.97828708	0.99254491	DCAF17
25797	ENSG00000115828	2.19291843	0.01463026	0.37334638	0.87431724	NA	QPCT
22930	ENSG00000115839	954.59661	-0.19108031	0.08831071	0.02577914	0.08919746	RAB3GAP1
8604	ENSG00000115840	239.59036	0.12882855	0.16033765	0.37641151	0.6053339	SLC25A12
151393	ENSG00000115841	92.659429	-0.32260797	0.24549694	0.09980147	0.2488914	RMDN2
1746	ENSG00000115844	0.53116992	0.01535836	0.38361063	0.72195714	NA	DLX2
3938	ENSG00000115850	0.50565632	0.00490052	0.38258351	0.87118475	NA	LCT
1615	ENSG00000115866	1379.58959	-0.08798256	0.09882729	0.35569448	0.58599659	DARS1
6432	ENSG00000115875	4504.811	0.04316518	0.07454608	0.55575596	0.76147778	SRSF7
6382	ENSG00000115884	2878.14544	-0.20414936	0.07387629	0.00498307	0.02315859	SDC1
5334	ENSG00000115896	137.542839	-1.81845557	0.24418213	6.15E-15	1.67E-13	PLCL1
6509	ENSG00000115902	710.308797	-0.1062713	0.14495878	0.43246869	0.65788827	SLC1A4
6654	ENSG00000115904	2172.88341	-0.0637884	0.07039443	0.35159823	0.58169688	SOS1

8942	ENSG00000115919	0	NA	NA	NA	NA	KYNU
NA	ENSG00000115934	0	NA	NA	NA	NA	
7456	ENSG00000115935	1174.63698	0.56262078	0.106347	4.02E-08	5.60E-07	WIPF1
4999	ENSG00000115942	1059.15002	-0.34832781	0.10860522	0.00079199	0.00483331	ORC2
9167	ENSG00000115944	1743.34924	-0.06678478	0.07136494	0.33955453	0.56999424	COX7A2L
56902	ENSG00000115946	334.361464	-0.31540728	0.1533264	0.02454945	0.08588629	PN01
5000	ENSG00000115947	777.982001	-0.11611902	0.10753311	0.25983084	0.48146481	ORC4
5341	ENSG00000115956	0.77422295	-0.02883461	0.38364886	0.55985386	NA	PLEK
390	ENSG00000115963	1090.4215	0.16714921	0.07847738	0.02948182	0.09905492	RND3
1386	ENSG00000115966	933.472385	-0.16436449	0.08630843	0.05017215	0.14934131	ATF2
63892	ENSG00000115970	1149.78082	0.01280441	0.09542605	0.89497122	0.95469109	THADA
22848	ENSG00000115977	886.060486	-0.35042314	0.15146801	0.01163468	0.04697436	AAK1
66008	ENSG00000115993	1292.69303	-0.1346342	0.08149634	0.09051069	0.23167746	TRAK2
54980	ENSG00000115998	134.934174	-0.39224381	0.21129555	0.02939791	0.09878974	C2orf42
7072	ENSG00000116001	3145.27124	0.04302376	0.06840278	0.52332981	0.73621666	TIA1
51449	ENSG00000116005	1108.17747	-0.31014134	0.10890913	0.00286553	0.01457746	PCYOX1
84634	ENSG00000116014	5.06881374	-0.14223211	0.40008954	0.23588881	0.45270207	KISS1R
2034	ENSG00000116016	2121.97338	-0.35568318	0.09284325	7.55E-05	0.00059356	EPAS1
1820	ENSG00000116017	720.105903	0.61280239	0.1247426	2.58E-07	3.22E-06	ARID3A
7341	ENSG00000116030	2371.61591	-0.22541422	0.06738066	0.00066619	0.00413813	SUMO1
50489	ENSG00000116031	27.8991691	0.12803755	0.31104194	0.51359038	0.7287659	CD207
116444	ENSG00000116032	4.31020164	0.16696513	0.41835102	0.15265777	0.33723751	GRIN3B
25806	ENSG00000116035	144.118283	-0.13918204	0.18504779	0.3897317	0.61887921	VAX2
525	ENSG00000116039	83.786324	0.2689405	0.23271466	0.1557914	0.34198954	ATP6V1B1
4780	ENSG00000116044	681.117288	0.24071228	0.1123973	0.02475019	0.08645137	NFE2L2
2956	ENSG00000116062	3338.46718	-0.34872293	0.06184105	1.06E-08	1.60E-07	MSH6
65977	ENSG00000116095	260.654743	-0.03889079	0.20948073	0.83418368	0.92433422	PLEKHA3
6697	ENSG00000116096	296.463517	-0.46769725	0.14145762	0.00038946	0.00258253	SPR
2043	ENSG00000116106	0	NA	NA	NA	NA	EPHA4
117583	ENSG00000116117	140.151917	0.96879934	0.24826967	1.08E-05	0.00010216	PARD3B
10056	ENSG00000116120	694.45934	-0.22403599	0.10490987	0.02592972	0.08959345	FARSB
7840	ENSG00000116127	1478.24908	-0.12361145	0.08219189	0.12499366	0.29343866	ALMS1
607	ENSG00000116128	1663.42992	-0.00038064	0.09912421	0.99581209	0.99852582	BCL9
5396	ENSG00000116132	0	NA	NA	NA	NA	PRRX1
1718	ENSG00000116133	5774.71055	-0.65133727	0.20622943	0.00036145	0.00241863	DHCR24
23341	ENSG00000116138	404.194185	-0.25384788	0.17595005	0.10397555	0.25670421	DNAJC16
4139	ENSG00000116141	653.054945	0.13716576	0.13158607	0.26749718	0.490041	MARK1
7143	ENSG00000116147	235.474983	-1.55321521	0.17327021	2.44E-20	9.30E-19	TNR

79906	ENSG00000116151	197.878985	0.45122635	0.1794951	0.00494472	0.02302891	MORN1
2882	ENSG00000116157	725.285329	0.20094505	0.10968287	0.05542907	0.16113007	GPX7
27101	ENSG00000116161	2442.54474	0.0098395	0.09060836	0.91191818	0.96251831	CACYBP
6342	ENSG00000116171	656.984452	0.11187462	0.09805862	0.2380379	0.45546069	SCP2
25823	ENSG00000116176	0	NA	NA	NA	NA	TPSG1
60676	ENSG00000116183	7.07430099	0.84067236	1.62026462	0.01536085	0.05872047	PAPPA2
55103	ENSG00000116191	966.762075	0.15930608	0.23614697	0.39902156	0.62780637	RALGPS2
9068	ENSG00000116194	5.93565993	0.36472652	0.64414349	0.0192299	0.07054757	ANGPTL1
9731	ENSG00000116198	791.952741	0.10613783	0.14135753	0.41873258	0.64465387	CEP104
9917	ENSG00000116199	2662.11144	0.02864804	0.07132354	0.68354377	0.84579696	FAM20B
127428	ENSG00000116205	746.302155	0.2393304	0.11641655	0.03055333	0.10184445	TCEANC2
9528	ENSG00000116209	1866.13279	-0.27272442	0.06961224	6.57E-05	0.00052388	TMEM59
115353	ENSG00000116212	440.08428	0.14978283	0.11394084	0.1686769	0.36003762	LRRC42
49856	ENSG00000116213	1790.24119	0.27386984	0.08542041	0.00098243	0.00582528	WRAP73
7827	ENSG00000116218	0	NA	NA	NA	NA	NPHS2
51253	ENSG00000116221	1117.2577	-0.24749357	0.08230031	0.00201348	0.01076702	MRPL37
23463	ENSG00000116237	2017.89527	-0.16991379	0.06692161	0.00945181	0.03961214	ICMT
6146	ENSG00000116251	8102.97219	-0.22271346	0.04890964	4.32E-06	4.40E-05	RPL22
26038	ENSG00000116254	228.31602	-1.8175197	0.18834083	3.08E-23	1.36E-21	CHD5
5768	ENSG00000116260	1755.18281	0.05807217	0.07268861	0.41643585	0.64306408	QSOX1
6814	ENSG00000116266	358.997992	0.36149525	0.13653282	0.00456559	0.0215516	STXBP3
148479	ENSG00000116273	691.991827	0.03903131	0.09192171	0.66256512	0.83345752	PHF13
54206	ENSG00000116285	258.095816	-0.21776672	0.15253742	0.11852845	0.28264477	ERRFI1
11315	ENSG00000116288	2777.86301	-0.30425215	0.06200624	6.32E-07	7.41E-06	PARK7
57535	ENSG00000116299	73.7672625	-2.97661684	0.35587765	2.81E-18	9.58E-17	ELAPOR1
4985	ENSG00000116329	1032.97891	0.58584698	0.0828243	4.86E-13	1.13E-11	OPRD1
271	ENSG00000116337	1635.76561	0.36013781	0.10749332	0.00046887	0.00305098	AMPD2
6429	ENSG00000116350	2377.84123	-0.20237403	0.07382244	0.00512506	0.02372403	SRSF4
51102	ENSG00000116353	392.963177	0.11249663	0.14766062	0.40960883	0.63763351	MECR
3749	ENSG00000116396	169.412493	-0.15514009	0.19631464	0.35674287	0.58678316	KCNC4
80267	ENSG00000116406	1626.0932	0.10690654	0.07354603	0.13497333	0.30945965	EDEM3
79084	ENSG00000116455	891.901249	-0.14976347	0.09282935	0.09444755	0.23891609	WDR77
515	ENSG00000116459	1731.13275	-0.38470541	0.07288981	7.29E-08	9.77E-07	ATP5PB
5906	ENSG00000116473	540.218744	-0.35705968	0.12884655	0.00316908	0.01584938	RAP1A
3065	ENSG00000116478	1269.58291	0.0499251	0.07573646	0.5021114	0.71895859	HDAC1
829	ENSG00000116489	2005.21792	-0.15558086	0.07118005	0.02593594	0.08959933	CAPZA1
64766	ENSG00000116497	753.58033	0.25719082	0.10988227	0.01432037	0.05554485	S100PBP
127544	ENSG00000116514	253.01925	0.02057656	0.14532614	0.87859272	0.94627217	RNF19B

10067	ENSG00000116521	1835.22006	0.14157521	0.07081637	0.04187416	0.13005373	SCAMP3
55223	ENSG00000116525	135.53945	0.06146906	0.21597382	0.73240385	0.87210781	TRIM62
55870	ENSG00000116539	3122.24497	-0.17499503	0.06500986	0.00625068	0.02803834	ASH1L
58512	ENSG00000116544	253.384056	-1.20919695	0.16692143	4.53E-14	1.15E-12	DLGAP3
6421	ENSG00000116560	14077.1817	-0.01009259	0.05059548	0.83594459	0.92522644	SFPQ
58480	ENSG00000116574	1080.43279	-0.97378058	0.08612241	1.73E-30	1.02E-28	RHOA
54856	ENSG00000116580	2684.08519	-0.02655477	0.07358254	0.7117685	0.86153908	GON4L
9181	ENSG00000116584	2315.82455	-0.17787319	0.07525788	0.01576005	0.06002677	ARHGEF2
28956	ENSG00000116586	973.023753	0.07765098	0.08344382	0.34073805	0.57095356	LAMTOR2
4209	ENSG00000116604	1052.81652	0.33511087	0.09905087	0.00044773	0.00293169	MEF2D
85440	ENSG00000116641	2413.94306	-0.07863067	0.1933864	0.63715702	0.81722218	DOCK7
6723	ENSG00000116649	1361.7876	-0.066485	0.08320499	0.41239295	0.64005916	SRM
NA	ENSG00000116652	21.7585068	0.09945458	0.31505196	0.60194327	0.79229168	DLEU2L
26232	ENSG00000116661	93.9491671	-1.02653948	0.26819443	1.46E-05	0.00013477	FBXO2
26270	ENSG00000116663	44.8100822	0.03926774	0.26893354	0.8402818	0.92746542	FBXO6
81563	ENSG00000116667	1130.17587	-0.10435045	0.13313797	0.40189154	0.63031025	C1orf21
54823	ENSG00000116668	203.515653	0.0660859	0.16413338	0.65695413	0.82971354	SWT1
10459	ENSG00000116670	938.793093	-0.26647012	0.08836349	0.00189155	0.01019518	MAD2L2
9829	ENSG00000116675	1704.15804	-0.64343563	0.0766631	1.29E-17	4.15E-16	DNAJC6
3953	ENSG00000116678	948.120613	0.87734566	0.10749162	5.45E-17	1.68E-15	LEPR
10625	ENSG00000116679	4349.23303	0.16574111	0.05250527	0.00143451	0.00806709	IVNS1ABP
90231	ENSG00000116685	1217.34199	-0.26224181	0.08035211	0.0008238	0.0049921	KIAA2013
9927	ENSG00000116688	2413.28544	-0.17083958	0.06808686	0.01070928	0.04385391	MFN2
10216	ENSG00000116690	3.86660865	0.18140287	0.42876625	0.12034927	0.28578451	PRG4
60672	ENSG00000116691	456.68976	0.34695714	0.13240028	0.00514743	0.02381089	MIIP
9887	ENSG00000116698	2880.78544	-0.23310828	0.061283	0.00011404	0.00085444	SMG7
4688	ENSG00000116701	0.65250675	0.01174478	0.38266871	0.92947371	NA	NCF2
5132	ENSG00000116703	0.91776575	-0.06294814	0.3908818	0.22039491	NA	PDC
23169	ENSG00000116704	441.880607	0.15146722	0.11488269	0.16676928	0.35754295	SLC35D1
5321	ENSG00000116711	0	NA	NA	NA	NA	PLA2G4A
1647	ENSG00000116717	597.408272	-0.40801887	0.10372593	4.26E-05	0.00035568	GADD45A
65121	ENSG00000116721	0	NA	NA	NA	NA	PRAMEF1
390999	ENSG00000116726	0	NA	NA	NA	NA	PRAMEF12
79971	ENSG00000116729	1206.57872	0.85498358	0.10593883	1.19E-16	3.60E-15	WLS
7799	ENSG00000116731	1160.13867	-0.04952152	0.08676956	0.55737965	0.76258372	PRDM2
5997	ENSG00000116741	191.510724	0.20916056	0.1684152	0.166671	0.35740949	RGS2
6121	ENSG00000116745	0	NA	NA	NA	NA	RPE65
6738	ENSG00000116747	1023.30966	0.02072894	0.09907868	0.81020076	0.91399233	RO60

270	ENSG00000116748	0.173733	0.01914545	0.38484597	0.78225479	NA	AMPD1
51377	ENSG00000116750	1339.40856	-0.21276675	0.07925901	0.00598941	0.02711771	UCHL5
10286	ENSG00000116752	576.666639	-0.21473733	0.10283718	0.02974943	0.0997008	BCAS2
9295	ENSG00000116754	4894.93137	-0.04786549	0.05742045	0.39869929	0.62756224	SRSF11
1491	ENSG00000116761	105.516545	0.26632249	0.2422398	0.16891113	0.36034672	CTH
79814	ENSG00000116771	31.9363874	-0.17167422	0.30251516	0.39400347	0.62317897	AGMAT
56944	ENSG00000116774	35.4664215	0.47714716	0.37104752	0.05252273	0.15462992	OLFML3
51086	ENSG00000116783	6.86514723	0.47277056	0.84834498	0.01627398	0.06162927	TNNI3K
10878	ENSG00000116785	0.94407361	0.00100349	0.3809701	0.9850961	NA	CFHR3
23207	ENSG00000116786	1626.00539	0.04660439	0.06919557	0.49373017	0.7125217	PLEKHM2
1429	ENSG00000116791	455.485514	0.0521614	0.11364427	0.63168213	0.81371846	CRYZ
10745	ENSG00000116793	748.673034	-0.09172139	0.09494221	0.31797398	0.54561048	PHTF1
7709	ENSG00000116809	905.642256	0.2335839	0.09632387	0.01207781	0.04849701	ZBTB17
965	ENSG00000116815	87.3082484	0.33907044	0.23586351	0.07813797	0.20773003	CD58
339488	ENSG00000116819	52.9286865	0.89918643	0.44939668	0.00439348	0.02089824	TFAP2E
914	ENSG00000116824	0	NA	NA	NA	NA	CD2
8458	ENSG00000116830	844.561881	-0.39315299	0.14481159	0.00331563	0.01645788	TTF2
2494	ENSG00000116833	0	NA	NA	NA	NA	NR5A2
23046	ENSG00000116852	1161.8608	-2.07174586	0.08626866	1.31E-128	6.33E-126	KIF21B
252839	ENSG00000116857	2159.39877	0.21760381	0.07261922	0.00225372	0.01185729	TMEM9
54936	ENSG00000116863	901.078327	-0.11556607	0.08971473	0.18252791	0.3803144	ADPRS
55700	ENSG00000116871	3147.85894	-0.0467604	0.07739917	0.53660605	0.74729267	MAP7D1
10352	ENSG00000116874	164.684888	-0.22557175	0.19051983	0.17290172	0.36578929	WARS2
51179	ENSG00000116882	0	NA	NA	NA	NA	HAO2
127700	ENSG00000116885	89.3029836	0.61165022	0.30080211	0.00903377	0.03811782	OSCP1
64960	ENSG00000116898	691.607154	-0.07047391	0.10296001	0.47654253	0.69841458	MRPS15
149371	ENSG00000116903	347.070317	-0.34283444	0.12767599	0.00430621	0.02054721	EXOC8
8443	ENSG00000116906	1381.54638	-0.02262223	0.07884628	0.76896654	0.89364433	GNPAT
7257	ENSG00000116918	1121.48569	-0.16773144	0.0885151	0.05102342	0.15140663	TSNAX
54955	ENSG00000116922	601.947629	0.1109712	0.10384473	0.2666803	0.48908911	C1orf109
64121	ENSG00000116954	307.101022	-0.18539512	0.14015241	0.15412585	0.33936549	RRAGC
4811	ENSG00000116962	2617.3088	0.37434578	0.07004101	5.24E-08	7.18E-07	NID1
3964	ENSG00000116977	1133.2305	-0.30749104	0.09729609	0.00104378	0.00612859	LGALS8
84618	ENSG00000116981	1137.94895	-0.53253059	0.09907622	2.75E-08	3.92E-07	NT5C1A
51440	ENSG00000116983	424.179618	-1.91404675	0.13105604	2.01E-49	1.95E-47	HPCAL4
4548	ENSG00000116984	5238.79752	-0.63339181	0.07806227	1.37E-16	4.13E-15	MTR
656	ENSG00000116985	305.644201	-0.52022978	0.14325858	0.00010004	0.00076105	BMP8B
4610	ENSG00000116990	339.68885	0.98554029	0.14187521	5.13E-13	1.19E-11	MYCL

57568	ENSG00000116991	1123.80243	0.31087823	0.09764489	0.00096796	0.0057515	SIPA1L2
57829	ENSG00000116996	0	NA	NA	NA	NA	ZP4
6018	ENSG00000117000	708.238689	-0.22567945	0.09848239	0.0174423	0.0652444	RLF
8564	ENSG00000117009	4.77255431	0.15790144	0.40842911	0.1984291	0.4027039	KMO
127396	ENSG00000117010	87.0295829	0.27617957	0.259427	0.16880013	0.36022314	ZNF684
9132	ENSG00000117013	40.3907877	0.68023006	0.38811509	0.01264638	0.05031164	KCNQ4
9783	ENSG00000117016	2176.44444	0.14809689	0.11731927	0.18472533	0.38350847	RIMS3
10000	ENSG00000117020	4007.76123	-0.09639775	0.08274298	0.23229091	0.44909196	AKT3
2117	ENSG00000117036	1065.96187	-0.08965834	0.09037312	0.30669622	0.53422766	ETV3
34	ENSG00000117054	1028.62048	-0.06111457	0.086086	0.46547221	0.68820095	ACADM
81849	ENSG00000117069	230.680646	-0.19588425	0.16820385	0.19424866	0.39721723	ST6GALNAC5
6504	ENSG00000117090	0	NA	NA	NA	NA	SLAMF1
962	ENSG00000117091	0	NA	NA	NA	NA	CD48
23266	ENSG00000117114	8181.47226	0.09540355	0.05274987	0.06806829	0.1877746	ADGRL2
11240	ENSG00000117115	14.7607837	0.15330137	0.35587361	0.39809274	0.62724844	PADI2
6390	ENSG00000117118	627.845151	-0.20779307	0.10490004	0.03889196	0.12286424	SDHB
4237	ENSG00000117122	2945.26667	0.12579556	0.06319864	0.0436125	0.13394304	MFAP2
80135	ENSG00000117133	703.953372	0.11304512	0.0974118	0.23006714	0.44597284	RPF1
10765	ENSG00000117139	4026.57681	0.04281855	0.05919218	0.46533375	0.6880988	KDM5B
6675	ENSG00000117143	859.896297	-0.03080259	0.09731539	0.74269145	0.87875221	UAP1
81569	ENSG00000117148	0.80488441	-0.03027885	0.38378171	0.54468417	NA	ACTL8
1486	ENSG00000117151	131.599568	0.11485232	0.18708384	0.48321128	0.70357492	CTBS
5999	ENSG00000117152	4155.43711	-0.05187465	0.20043415	0.75949781	0.88850157	RGS4
59349	ENSG00000117153	1052.02533	0.12613673	0.0871531	0.13733434	0.31289771	KLHL12
84966	ENSG00000117154	18.102735	-0.88226944	0.74016309	0.01373962	0.05375547	IGSF21
117178	ENSG00000117155	745.62063	-0.25444477	0.09803025	0.00708129	0.03124842	SSX2IP
54680	ENSG00000117174	358.599518	0.03717979	0.12143965	0.74831509	0.8819396	ZNHIT6
26279	ENSG00000117215	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PLA2G2D
5929	ENSG00000117222	936.638451	-0.24853334	0.09704171	0.00794499	0.03429692	RBBP5
2635	ENSG00000117226	0.37844916	0.02407552	0.3854191	0.60038877	NA	GBP3
2633	ENSG00000117228	0.35150941	0.00330166	0.383397	0.93716717	NA	GBP1
100861548	ENSG00000117242	265.487654	0.40171315	0.16890049	0.00843435	0.03606146	PINK1-AS
57576	ENSG00000117245	62.5700404	-0.09212054	0.26185659	0.63230257	0.81396853	KIF17
653519	ENSG00000117262	477.602232	-0.02264676	0.13743177	0.8587849	0.93709671	GPR89A
5129	ENSG00000117266	394.900357	-0.34919934	0.1409029	0.00760641	0.03312361	CDK18
8934	ENSG00000117280	423.732507	0.11797225	0.12446848	0.31887844	0.54656314	RAB29
11126	ENSG00000117281	31.6389228	0.05617504	0.2922496	0.77068289	0.89494676	CD160
1889	ENSG00000117298	2061.43493	0.26583132	0.0651623	3.40E-05	0.00028989	ECE1

3155	ENSG00000117305	283.09655	0.05612776	0.15926374	0.69922659	0.85491191	HMGCL
2582	ENSG00000117308	309.971708	-0.03884466	0.14727366	0.77419438	0.89604057	GALE
3399	ENSG00000117318	227.740411	0.21645196	0.15811808	0.13274907	0.3060355	ID3
1380	ENSG00000117322	0	NA	NA	NA	NA	CR2
4179	ENSG00000117335	2824.48911	0.13136649	0.07043542	0.0577825	0.16649345	CD46
9129	ENSG00000117360	1549.75198	-0.02965488	0.07317051	0.67880253	0.84319072	PRPF3
51107	ENSG00000117362	3802.72613	0.08189753	0.06001194	0.1659137	0.35616336	APH1A
64175	ENSG00000117385	864.069494	0.12327696	0.10832688	0.23441804	0.45139906	P3H1
6513	ENSG00000117394	913.035833	-0.19779961	0.14754842	0.14505761	0.32541747	SLC2A1
10969	ENSG00000117395	1418.44618	0.1794606	0.0954302	0.05194278	0.15342337	EBNA1BP2
991	ENSG00000117399	1431.72719	-0.15851145	0.07168837	0.02420135	0.08493803	CDC20
4352	ENSG00000117400	2.08940217	0.09002326	0.39422673	0.20926	NA	MPL
9048	ENSG00000117407	10.6394081	0.06024034	0.35255752	0.69058923	0.85006144	ARTN
9670	ENSG00000117408	866.424687	-0.15049607	0.0983985	0.11280992	0.27198308	IPO13
533	ENSG00000117410	1764.60849	-0.36131889	0.07518014	9.10E-07	1.04E-05	ATP6V0B
8704	ENSG00000117411	1817.53059	-0.01227667	0.07726923	0.86984972	0.9432116	B4GALT2
79033	ENSG00000117419	903.429941	0.10678558	0.10560886	0.29297352	0.51909756	ERI3
8643	ENSG00000117425	56.4565753	1.15365236	0.36270207	0.00013017	0.00096259	PTCH2
10327	ENSG00000117448	1195.72154	0.12275239	0.08322486	0.13068285	0.30292648	AKR1A1
5052	ENSG00000117450	3419.33515	-0.13269548	0.07496445	0.07066729	0.19290575	PRDX1
8503	ENSG00000117461	1858.05555	-0.50679855	0.07772489	2.75E-11	5.59E-10	PIK3R3
10103	ENSG00000117472	1.30910033	0.07207082	0.39349794	0.12888999	NA	TSPAN1
8548	ENSG00000117475	629.536262	0.15896139	0.1125373	0.13915463	0.31601249	BLZF1
57821	ENSG00000117477	209.838291	0.20501254	0.16226605	0.16309865	0.35207021	CCDC181
10560	ENSG00000117479	615.495664	0.00629858	0.10114964	0.94936968	0.97912847	SLC19A2
2166	ENSG00000117480	126.987561	-0.39187802	0.23523248	0.04225126	0.13101983	FAAH
387338	ENSG00000117481	632.510834	-0.03748647	0.11092166	0.72248189	0.86754018	NSUN4
50999	ENSG00000117500	889.697806	0.34794923	0.10848073	0.00080209	0.00488371	TMED5
80133	ENSG00000117501	0	NA	NA	NA	NA	MROH9
1810	ENSG00000117505	1689.39478	-0.09938502	0.06958291	0.14601274	0.32674178	DR1
388714	ENSG00000117507	0	NA	NA	NA	NA	FMO6P
1266	ENSG00000117519	4250.65355	0.08058869	0.06574789	0.21411083	0.42428673	CNN3
23215	ENSG00000117523	8455.64627	-0.04056187	0.04923993	0.40569283	0.63390153	PRRC2C
2152	ENSG00000117525	44.4653492	0.57998027	0.36430226	0.02294686	0.08131196	F3
5825	ENSG00000117528	1227.63364	-0.27885319	0.09506842	0.00239484	0.01250357	ABCD3
8674	ENSG00000117533	502.998416	0.18465306	0.13732141	0.1489178	0.33152468	VAMP4
51611	ENSG00000117543	411.465641	-0.01741174	0.13758358	0.89112588	0.95273684	DPH5
356	ENSG00000117560	0	NA	NA	NA	NA	FASLG

58155	ENSG00000117569	916.713083	0.10830721	0.12614882	0.36330767	0.59305778	PTBP2
7292	ENSG00000117586	23.3375293	0.35849965	0.41359646	0.11869375	0.28297093	TNFSF4
9588	ENSG00000117592	2684.03983	0.07980875	0.07172293	0.25765988	0.47887326	PRDX6
55157	ENSG00000117593	1423.89128	-0.36917454	0.08026051	2.57E-06	2.71E-05	DARS2
3290	ENSG00000117594	0	NA	NA	NA	NA	HSD11B1
3664	ENSG00000117595	71.8570453	-2.04343026	0.32330533	1.57E-11	3.27E-10	IRF6
27042	ENSG00000117597	905.13477	-0.28258571	0.08989419	0.001186	0.00685702	UTP25
163404	ENSG00000117598	457.770438	-1.5896545	0.12892935	5.09E-36	3.56E-34	PLPPR5
9890	ENSG00000117600	595.833541	-0.27866817	0.10258627	0.00468304	0.0219961	PLPPR4
462	ENSG00000117601	1.5998353	0.05265818	0.38313675	0.43549321	NA	SERPINC1
11123	ENSG00000117602	548.917826	0.66271113	0.12598122	3.61E-08	5.05E-07	RCAN3
25949	ENSG00000117614	818.852994	0.05545564	0.08910606	0.52283158	0.73594472	SYF2
57035	ENSG00000117616	1234.29372	0.19153851	0.09025902	0.02882487	0.09722903	RSRP1
23443	ENSG00000117620	316.510515	0.00280386	0.14391283	0.98310788	0.99428951	SLC35A3
55758	ENSG00000117625	1343.73326	-0.16180689	0.08715655	0.05602862	0.16256329	RCOR3
3925	ENSG00000117632	12178.8983	-0.10026622	0.05872464	0.08379077	0.21870922	STMN1
56181	ENSG00000117640	1046.13813	-0.12232978	0.08099843	0.12356752	0.2912855	MTFR1L
57134	ENSG00000117643	76.4826564	-0.08576176	0.2280016	0.64031202	0.81986385	MAN1C1
4751	ENSG00000117650	999.990323	-0.04428387	0.08932975	0.60906313	0.79787471	NEK2
6195	ENSG00000117676	377.332392	-0.32565615	0.19474581	0.05346599	0.15663988	RPS6KA1
79947	ENSG00000117682	411.465395	0.0584088	0.13979665	0.65463649	0.82810431	DHDDS
29937	ENSG00000117691	757.202679	-0.20885801	0.1082133	0.04350904	0.13376459	NENF
25936	ENSG00000117697	1213.45731	0.00335837	0.08407214	0.9686693	0.98824492	NSL1
5629	ENSG00000117707	6367.06336	-0.14325728	0.07339077	0.04645377	0.14068735	PROX1
8289	ENSG00000117713	5849.93855	-0.14609065	0.05769664	0.01035083	0.04258823	ARID1A
1063	ENSG00000117724	12210.8841	-0.5221726	0.05571459	2.56E-21	1.02E-19	CENPF
6118	ENSG00000117748	1171.58807	-0.20280931	0.08177481	0.01102607	0.04494703	RPA2
5511	ENSG00000117751	1074.48506	-0.03261867	0.07904802	0.67264921	0.83906698	PPP1R8
23673	ENSG00000117758	634.959186	0.12819773	0.10581361	0.20731501	0.41450466	STX12
54996	ENSG00000117791	206.126019	0.19590097	0.1824831	0.22234967	0.43535977	MTARC2
200010	ENSG00000117834	12.1006409	0.20295362	0.39715666	0.24685852	0.46592963	SLC5A9
114883	ENSG00000117859	1337.5727	0.05105868	0.07649101	0.49706348	0.71500229	OSBPL9
51060	ENSG00000117862	1033.9433	0.23440306	0.08293236	0.00373836	0.01823233	TXNDC12
57488	ENSG00000117868	1381.26584	0.08531068	0.07458023	0.24377735	0.4621195	ESYT2
10849	ENSG00000117877	160.291751	-0.15503977	0.18074485	0.33000996	0.55861736	POLR1G
23184	ENSG00000117899	772.895902	0.03874295	0.10502162	0.70223232	0.85686744	MESD
5955	ENSG00000117906	2848.04673	0.14197034	0.06279023	0.02172199	0.07780545	RCN2
1143	ENSG00000117971	1056.48315	0.31317099	0.08662827	0.00020154	0.00143262	CHRNA4

727897	ENSG00000117983	1.71976341	0.04259761	0.38190092	0.52927044	NA	MUC5B
1509	ENSG00000117984	1874.09081	0.33587724	0.07438988	3.95E-06	4.04E-05	CTSD
78989	ENSG00000118004	1760.92027	-0.41727706	0.08252382	2.15E-07	2.72E-06	COLEC11
10274	ENSG00000118007	1281.79922	-0.1802534	0.08378877	0.02719255	0.09298521	STAG1
51146	ENSG00000118017	2.0831918	-0.11313163	0.39983459	0.18933273	NA	A4GNT
6794	ENSG00000118046	1142.17186	0.29589398	0.0832942	0.00026628	0.00183949	STK11
4297	ENSG00000118058	3758.88564	-0.01937376	0.10927814	0.85154427	0.93275912	KMT2A
11181	ENSG00000118094	0.52977536	0.01340197	0.38291275	0.74469277	NA	TREH
56912	ENSG00000118096	369.787026	0.09177612	0.12762532	0.44626954	0.67062583	IFT46
4317	ENSG00000118113	0	NA	NA	NA	NA	MMP8
335	ENSG00000118137	0.15069912	-0.01848503	0.38480575	0.84537521	NA	APOA1
84215	ENSG00000118156	0.9809279	-0.03757886	0.38418971	0.45799278	NA	ZNF541
6543	ENSG00000118160	531.794755	-1.24553982	0.15311076	3.85E-17	1.20E-15	SLC8A2
11133	ENSG00000118162	430.331262	-0.03227758	0.12824832	0.78610961	0.90280441	KPTN
6230	ENSG00000118181	12170.5058	0.01388902	0.05307886	0.79214932	0.90499209	RPS25
9928	ENSG00000118193	1361.10994	-0.74743635	0.08605792	7.99E-19	2.80E-17	KIF14
7139	ENSG00000118194	3.46996475	0.08669282	0.37933056	0.45219727	0.67536839	TNNT2
83479	ENSG00000118197	523.192853	0.0866014	0.11078514	0.41450101	0.6417034	DDX59
23271	ENSG00000118200	2130.51903	-0.29234981	0.0880814	0.00062812	0.0039399	CAMSAP2
22926	ENSG00000118217	1044.96226	0.03063731	0.09973442	0.75127645	0.88327851	ATF6
1421	ENSG00000118231	0	NA	NA	NA	NA	CRYGD
55686	ENSG00000118242	135.089757	-0.99724988	0.23613478	2.88E-06	3.02E-05	MREG
7141	ENSG00000118245	0	NA	NA	NA	NA	TNP1
22868	ENSG00000118246	644.203182	-0.2997945	0.10154567	0.00213548	0.01131926	FASTKD2
8828	ENSG00000118257	28.2956297	0.90711927	1.24989208	0.01149878	0.04653421	NRP2
1385	ENSG00000118260	1493.595	-0.03052634	0.0936356	0.73564888	0.87443975	CREB1
8609	ENSG00000118263	2513.22908	0.71827367	0.07282605	1.40E-23	6.37E-22	KLF7
7276	ENSG00000118271	0	NA	NA	NA	NA	TTR
9331	ENSG00000118276	249.095848	1.14234803	0.19157673	2.78E-10	5.11E-09	B4GALT6
79630	ENSG00000118292	8.07093576	-0.04255829	0.35076292	0.77372893	0.89600234	C1orf54
23632	ENSG00000118298	35.3453528	0.31130532	0.34686623	0.15992606	0.34752825	CA14
55259	ENSG00000118307	4.98595501	0.08530186	0.37551028	0.48679249	0.70661128	CFAP94
4033	ENSG00000118308	1.00882577	0.05620494	0.38978218	0.2164917	NA	IRAG2
23120	ENSG00000118322	0	NA	NA	NA	NA	ATP10B
9789	ENSG00000118363	1280.14211	-0.26459929	0.11082245	0.01229522	0.04922057	SPCS2
57558	ENSG00000118369	438.938421	0.17034251	0.11813066	0.12904245	0.30038744	USP35
6785	ENSG00000118402	153.681664	-0.15858005	0.18360078	0.32453558	0.55221149	ELOVL4
27145	ENSG00000118407	8.83544506	0.19212918	0.39996461	0.24764921	0.46665024	FILIP1

9994	ENSG00000118412	1039.25119	-0.32690945	0.10334942	0.0009817	0.00582268	CASP8AP2
9324	ENSG00000118418	1131.85843	0.06449321	0.08183884	0.42031792	0.64619198	HMGN3
90025	ENSG00000118420	101.393494	0.03595837	0.20334652	0.83596821	0.92522644	UBE3D
1268	ENSG00000118432	25.5564887	1.25366561	0.56547333	0.00170423	0.00935593	CNR1
81833	ENSG00000118434	0	NA	NA	NA	NA	SPACA1
81573	ENSG00000118454	474.068088	0.28222161	0.11903821	0.01241377	0.0495851	ANKRD13C
84251	ENSG00000118473	1011.88256	-0.1575433	0.08242746	0.05002189	0.14903652	SGIP1
23469	ENSG00000118482	1383.14319	-0.33600924	0.0734753	3.03E-06	3.16E-05	PHF3
153918	ENSG00000118491	0	NA	NA	NA	NA	ZC2HC1B
79747	ENSG00000118492	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ADGB
5325	ENSG00000118495	483.082271	3.29302662	0.17029041	1.18E-84	2.60E-82	PLAGL1
84085	ENSG00000118496	542.343008	0.03450786	0.10254647	0.72845955	0.87026999	FBXO30
7128	ENSG00000118503	6.06966877	0.38127119	0.66060299	0.02079352	0.07522674	TNFAIP3
9465	ENSG00000118507	28.4774373	-0.24327817	0.33607264	0.24615553	0.46542702	AKAP7
10981	ENSG00000118508	292.385766	-0.28602853	0.14231724	0.02990879	0.1000827	RAB32
4602	ENSG00000118513	212.155475	-0.14335279	0.15495207	0.31061927	0.53841396	MYB
64577	ENSG00000118514	7.47283966	0.07755272	0.37807924	0.46438262	0.68715328	ALDH8A1
6446	ENSG00000118515	62.1602575	-1.69664286	0.36206315	1.67E-07	2.15E-06	SGK1
81847	ENSG00000118518	699.578014	-0.01617383	0.09856481	0.86428049	0.93988845	RNF146
383	ENSG00000118520	0.50018037	-0.01271546	0.38349606	0.78722594	NA	ARG1
1490	ENSG00000118523	0	NA	NA	NA	NA	CCN2
6943	ENSG00000118526	0	NA	NA	NA	NA	TCF21
83449	ENSG00000118557	44.2208298	-0.2391899	0.33726672	0.24905285	0.4684498	PMFBP1
26234	ENSG00000118564	581.436396	0.08564652	0.1038957	0.39213102	0.62144576	FBXL5
80306	ENSG00000118579	1407.19641	-0.18937415	0.24233214	0.3201229	0.54785114	MED28
9194	ENSG00000118596	0.34746601	0.02370763	0.3853651	0.61987128	NA	SLC16A7
10329	ENSG00000118600	202.149759	-0.10784743	0.16980492	0.47768908	0.69938463	RXYLT1
80264	ENSG00000118620	280.210168	-0.34327345	0.15446427	0.01504954	0.05786489	ZNF430
8673	ENSG00000118640	2.68458397	0.04363934	0.37392591	0.66718362	0.83613941	VAMP8
64858	ENSG00000118655	353.340188	-0.37980652	0.12709244	0.00150853	0.00841879	DCLRE1B
103910	ENSG00000118680	2140.37942	0.17834787	0.06734405	0.00714187	0.03144527	MYL12B
2309	ENSG00000118689	2998.09001	-0.23177357	0.06924988	0.00061501	0.00386377	FOXO3
84071	ENSG00000118690	62.4534746	0.29763841	0.33501766	0.17208836	0.36461546	ARMC2
2691	ENSG00000118702	0.16735865	0.01897177	0.38482933	0.78225479	NA	GHRH
6185	ENSG00000118705	4579.29095	0.1188609	0.06236097	0.05341405	0.15653395	RPN2
60436	ENSG00000118707	1581.74068	0.3847437	0.0812734	1.23E-06	1.37E-05	TGIF2
845	ENSG00000118729	0	NA	NA	NA	NA	CASQ2
118427	ENSG00000118733	71.4058738	-1.85492029	0.33433016	1.99E-09	3.29E-08	OLFM3

5311	ENSG00000118762	984.157051	0.10405655	0.0919184	0.2437588	0.4621195	PKD2
9429	ENSG00000118777	0	NA	NA	NA	NA	ABCG2
6696	ENSG00000118785	10.1856972	0.0867964	0.35867772	0.57147915	0.77166993	SPP1
8987	ENSG00000118804	266.895131	0.45237744	0.15840542	0.0018362	0.00994544	STBD1
10983	ENSG00000118816	5050.22306	-0.47586968	0.06527842	1.35E-13	3.27E-12	CCNI
5918	ENSG00000118849	25.1218368	0.01641665	0.31697274	0.92908296	0.97031141	RARRES1
64747	ENSG00000118855	421.585209	0.19645334	0.1219997	0.08878573	0.22817472	MFSD1
25782	ENSG00000118873	2109.35413	0.06492463	0.08201617	0.41841631	0.6444567	RAB3GAP2
196483	ENSG00000118894	265.682056	0.00507627	0.14831858	0.97344207	0.99020176	EEF2KMT
5493	ENSG00000118898	23.8756172	0.1954757	0.35354188	0.31783028	0.54556488	PPL
29855	ENSG00000118900	1577.04748	-0.13018795	0.07578103	0.07929247	0.21006311	UBN1
NA	ENSG00000118903	0	NA	NA	NA	NA	BTF3P11
11278	ENSG00000118922	1655.23327	-0.47242664	0.07192215	2.22E-11	4.56E-10	KLF12
7347	ENSG00000118939	185.095068	-0.13770858	0.18503798	0.39565892	0.62508942	UCHL3
27253	ENSG00000118946	78.4617515	-0.86896151	0.30207162	0.00050849	0.00327544	PCDH17
64342	ENSG00000118960	496.243609	0.23067748	0.13340505	0.06449843	0.18086909	HS1BP3
60526	ENSG00000118961	1112.60331	-0.14936855	0.0961789	0.10784067	0.26339391	LDAH
57539	ENSG00000118965	1906.64976	-0.11228192	0.07704804	0.1367471	0.31191797	WDR35
894	ENSG00000118971	0	NA	NA	NA	NA	CCND2
8074	ENSG00000118972	1.51652797	0.08755393	0.39515627	0.16226803	NA	FGF23
NA	ENSG00000118976	0.51314949	-0.01008878	0.38327516	0.82010522	NA	OTUD4P1
22936	ENSG00000118985	26.7637766	0.64227296	0.57388767	0.02816026	0.09547008	ELL2
NA	ENSG00000118990	0	NA	NA	NA	NA	GLRXP3
56171	ENSG00000118997	30.0017969	0.14944207	0.36149475	0.3866789	0.61575643	DNAH7
57404	ENSG00000119004	210.795646	0.09263825	0.18927678	0.57401995	0.77333896	CYP20A1
4709	ENSG00000119013	476.490748	0.05103944	0.10710818	0.62045731	0.80630595	NDUFB3
9330	ENSG00000119041	1212.72093	-0.07401102	0.0825048	0.35823288	0.58854144	GTF3C3
23314	ENSG00000119042	5.32276645	-0.01658887	0.36812462	0.87198072	0.94401928	SATB2
7320	ENSG00000119048	582.891131	-0.32782716	0.10804636	0.00150893	0.00841879	UBE2B
140803	ENSG00000119121	1.14358999	-0.06092496	0.38759591	0.30748337	NA	TRPM6
9615	ENSG00000119125	0	NA	NA	NA	NA	GDA
687	ENSG00000119138	150.013578	-0.04830731	0.18741275	0.76831341	0.89324733	KLF9
9414	ENSG00000119139	1249.08432	-0.66366334	0.10680473	1.28E-10	2.44E-09	TJP2
84417	ENSG00000119147	12.9856435	-0.0703494	0.34472693	0.66465688	0.83444869	ECRG4
9270	ENSG00000119185	1357.78869	-0.03221011	0.07429899	0.65763353	0.83025448	ITGB1BP1
51692	ENSG00000119203	1999.92211	-0.21773335	0.08755266	0.01042824	0.04284454	CPSF3
80235	ENSG00000119227	103.506647	0.54512738	0.22881788	0.0051148	0.02368761	PIGZ
205564	ENSG00000119231	1005.05313	-0.11829041	0.09074223	0.17899136	0.37507273	SENP5

80212	ENSG00000119242	899.174012	0.07357696	0.09124988	0.40694172	0.6352261	CCDC92
84886	ENSG00000119280	1178.30973	-0.09304497	0.07659891	0.21452385	0.42489301	C1orf198
440730	ENSG00000119283	460.861188	-3.44213763	0.16378147	3.85E-99	1.18E-96	TRIM67
55127	ENSG00000119285	3547.13784	-0.17267216	0.06489539	0.00686867	0.0304592	HEATR1
9991	ENSG00000119314	1134.158	-0.06678198	0.08933719	0.44124824	0.6661181	PTBP3
5887	ENSG00000119318	4124.16381	-0.07726643	0.05968523	0.18958233	0.39058291	RAD23B
23307	ENSG00000119321	775.159515	-0.1573623	0.15726369	0.27081138	0.49415045	FKBP15
8727	ENSG00000119326	655.33568	-0.21459559	0.117366	0.05398059	0.15777474	CTNNAL1
54942	ENSG00000119328	261.844873	0.13329988	0.14099586	0.30935952	0.53712343	ABITRAM
89891	ENSG00000119333	2239.87656	-0.02777183	0.06259257	0.65248681	0.82643886	DYNC2I2
6418	ENSG00000119335	9064.78308	-0.10603985	0.05202327	0.03957231	0.12444359	SET
5524	ENSG00000119383	2037.08629	0.37569436	0.0952423	4.53E-05	0.00037551	PTPA
2733	ENSG00000119392	738.077863	0.02648915	0.09456117	0.77405113	0.89604057	GLE1
51552	ENSG00000119396	1281.67452	-0.01942292	0.07632412	0.79475775	0.90579008	RAB14
11064	ENSG00000119397	1150.29806	0.08209728	0.08029156	0.2959121	0.52255416	CNTRL
22954	ENSG00000119401	372.260964	0.22311131	0.13667765	0.08001795	0.21130787	TRIM32
26190	ENSG00000119402	2280.63498	-0.14571877	0.06581972	0.02451093	0.08581205	FBXW2
26147	ENSG00000119403	1452.21754	-0.14328341	0.09182869	0.10771202	0.26327541	PHF19
10783	ENSG00000119408	607.221785	-0.41227806	0.10829358	7.01E-05	0.00055703	NEK6
54836	ENSG00000119411	11.9147899	0.21490661	0.39589079	0.24080304	0.45879844	BSPRY
5537	ENSG00000119414	1060.607	-0.13423229	0.08163527	0.09199781	0.23436524	PPP6C
4702	ENSG00000119421	475.547103	-0.13309577	0.11144522	0.21109557	0.42012066	NDUFA8
81932	ENSG00000119431	170.000124	-0.06191086	0.17456192	0.68840756	0.84869236	HDHD3
NA	ENSG00000119440	0	NA	NA	NA	NA	LCN1P1
92400	ENSG00000119446	714.415444	-0.17791425	0.15595382	0.2100778	0.41859431	RBM18
57864	ENSG00000119457	0.76951065	-0.0295156	0.38376407	0.55723895	NA	SLC46A2
84263	ENSG00000119471	395.429011	-0.17913302	0.1356174	0.1565632	0.34316665	HSDL2
79109	ENSG00000119487	1906.9369	0.13466494	0.08056894	0.08724718	0.22550599	MAPKAP1
8013	ENSG00000119508	8.79956554	0.0704797	0.35349804	0.6477358	0.82431548	NR4A3
27130	ENSG00000119509	557.822217	-0.15014907	0.13307958	0.22761251	0.44251172	INVS
79695	ENSG00000119514	52.7799483	1.45822543	0.36134047	4.06E-06	4.14E-05	GALNT12
57706	ENSG00000119522	901.089579	-0.16083382	0.09209314	0.07138425	0.19425517	DENND1A
85365	ENSG00000119523	312.776666	-0.07845831	0.1311425	0.52341435	0.73623706	ALG2
1441	ENSG00000119535	17.1629894	0.4016671	0.51418447	0.07964383	0.21062825	CSF3R
2531	ENSG00000119537	676.343998	-0.0146182	0.11819342	0.89556003	0.95469109	KDSR
9525	ENSG00000119541	769.067141	-0.00955296	0.09078261	0.91302994	0.96283789	VPS4B
9480	ENSG00000119547	1232.18786	-0.35384847	0.08558707	2.13E-05	0.00019042	ONECUT2
148223	ENSG00000119559	523.755935	0.01878928	0.12433253	0.87406451	0.94457431	C19orf25

84878	ENSG00000119574	458.483199	0.13740459	0.12861398	0.25843281	0.47972557	ZBTB45
56252	ENSG00000119596	2988.0222	0.0602499	0.07746581	0.43143561	0.65697157	YLPM1
26094	ENSG00000119599	124.067877	-0.0316927	0.23907919	0.86386228	0.93969119	DCAF4
283571	ENSG00000119608	6.27161519	-0.21318625	0.43110152	0.15804768	0.34503367	PROX2
338917	ENSG00000119614	1.10518223	0.06168576	0.39096434	0.18060216	NA	VSX2
51077	ENSG00000119616	782.766796	-0.06764932	0.09773209	0.47353822	0.69551963	FCF1
5228	ENSG00000119630	180.220787	0.51552459	0.19026523	0.0022933	0.01203679	PGF
83982	ENSG00000119632	158.71175	0.30142448	0.17565986	0.05414148	0.15819211	IFI27L2
80127	ENSG00000119636	34.3702415	0.32346573	0.37677137	0.14565719	0.32616688	BBOF1
91754	ENSG00000119638	3148.12047	0.20760951	0.07489458	0.00466156	0.02192085	NEK9
97	ENSG00000119640	246.903468	0.38597694	0.17528215	0.01385698	0.0540973	ACYP1
112752	ENSG00000119650	230.202221	0.39569445	0.15758433	0.00599951	0.0271538	IFT43
10577	ENSG00000119655	445.335416	1.02823833	0.14160265	4.82E-14	1.22E-12	NPC2
NA	ENSG00000119660	0	NA	NA	NA	NA	DPPA5P4
83544	ENSG00000119661	290.234891	0.15721725	0.19190421	0.34619142	0.57693723	DNAL1
64207	ENSG00000119669	1974.84038	0.45686064	0.06974055	2.64E-11	5.39E-10	IRF2BPL
10965	ENSG00000119673	630.494637	0.16581212	0.1067654	0.10547789	0.25899521	ACOT2
4053	ENSG00000119681	406.666245	1.0085939	0.14286896	2.20E-13	5.22E-12	LTBP2
9870	ENSG00000119682	1776.04399	0.17023587	0.07966454	0.02882046	0.09722903	AREL1
27030	ENSG00000119684	735.1674	-0.24980419	0.10679465	0.01454194	0.05619637	MLH3
23093	ENSG00000119685	626.998202	-0.44723893	0.17448585	0.00429112	0.02048009	TTL5
55640	ENSG00000119686	1.44444657	0.05314176	0.38625921	0.34924497	NA	FLVCR2
5826	ENSG00000119688	1244.27669	0.20329581	0.08091233	0.01008034	0.04167381	ABCD4
1743	ENSG00000119689	2349.37608	0.03166836	0.06581234	0.62561762	0.8095124	DLST
57718	ENSG00000119698	1.32916261	0.07178669	0.39161775	0.20808645	NA	PPP4R4
7043	ENSG00000119699	183.736846	2.22314105	0.20004145	7.19E-30	4.16E-28	TGFB3
79696	ENSG00000119703	45.2292044	-0.09043825	0.28656638	0.63876824	0.81845605	ZC2HC1C
81892	ENSG00000119705	739.647164	-0.02871532	0.09247223	0.74809237	0.88173637	SLIRP
58517	ENSG00000119707	3873.76305	-0.14786763	0.0750718	0.04426679	0.13549029	RBM25
4329	ENSG00000119711	389.147313	0.68383404	0.18481118	4.76E-05	0.00039207	ALDH6A1
8111	ENSG00000119714	275.516557	-0.96730524	0.1576443	1.16E-10	2.21E-09	GPR68
2103	ENSG00000119715	5.40908485	0.24903411	0.4983603	0.02030971	0.07378587	ESRRB
8892	ENSG00000119718	834.735002	-0.22322153	0.09249998	0.01267552	0.05040737	EIF2B2
55051	ENSG00000119720	632.002897	-0.23702192	0.12284561	0.0408619	0.12740848	NRDE2
51004	ENSG00000119723	297.798564	-0.01366487	0.14385289	0.91731772	0.96503439	COQ6
57862	ENSG00000119725	860.153373	0.00814319	0.0871141	0.9243351	0.96852	ZNF410
23433	ENSG00000119729	1621.21499	-0.60153463	0.10189148	1.06E-09	1.82E-08	RHOQ
10936	ENSG00000119737	101.140924	0.10050207	0.20528266	0.56424873	0.76680562	GPR75

9913	ENSG00000119760	1890.00755	-0.04050163	0.06685344	0.53773163	0.74776213	SUPT7L
114818	ENSG00000119771	317.466345	-0.90649997	0.14630031	8.69E-11	1.69E-09	KLHL29
1788	ENSG00000119772	5662.32045	-0.18941097	0.05329689	0.00032843	0.00222014	DNMT3A
54867	ENSG00000119777	1178.16003	0.1147464	0.08952981	0.18753722	0.38786275	TMEM214
54454	ENSG00000119778	894.308237	0.02317594	0.08592154	0.78269387	0.90105949	ATAD2B
2281	ENSG00000119782	416.757909	-0.17069577	0.11877288	0.1292797	0.30076329	FKBP1B
64225	ENSG00000119787	1357.73636	-0.12529187	0.08995917	0.15132812	0.33531348	ATL2
51646	ENSG00000119801	733.864792	0.18842342	0.09446338	0.03935644	0.12400059	YPEL5
25940	ENSG00000119812	908.350775	0.09621537	0.26217024	0.62192353	0.80695268	FAM98A
84272	ENSG00000119820	1506.91759	-0.10065376	0.119261	0.36979295	0.59912004	YIPF4
54812	ENSG00000119844	678.350224	-0.041627	0.11221339	0.6972585	0.85387893	AFTPH
29094	ENSG00000119862	491.537335	-0.48861236	0.13085134	7.39E-05	0.00058248	LGALS1
25927	ENSG00000119865	1447.10622	-0.53606188	0.07235006	4.58E-14	1.16E-12	CNRIP1
53335	ENSG00000119866	345.67095	0.70459498	0.16008983	2.36E-06	2.51E-05	BCL11A
9419	ENSG00000119878	583.131038	-0.29999352	0.1153534	0.00615757	0.02770185	CRIP1
4072	ENSG00000119888	22.7366734	0.13119191	0.31983415	0.49837324	0.71619429	EPCAM
26503	ENSG00000119899	215.795316	0.25874415	0.16493123	0.08224978	0.21582272	SLC17A5
79627	ENSG00000119900	603.001247	0.72112348	0.1075206	4.43E-12	9.66E-11	OGFRL1
55719	ENSG00000119906	868.397566	-0.07070569	0.0917529	0.42639203	0.65221241	SLF2
3416	ENSG00000119912	805.762907	-0.21617111	0.09251655	0.01579982	0.0601436	IDE
6975	ENSG00000119913	0	NA	NA	NA	NA	TECTB
83401	ENSG00000119915	12.9494607	-0.00154592	0.33153744	0.99057595	0.99679705	ELOVL3
3437	ENSG00000119917	0.3223625	-0.02325318	0.38531854	0.66968133	NA	IFIT3
159296	ENSG00000119919	0	NA	NA	NA	NA	NKX2-3
3433	ENSG00000119922	10.7294149	-2.68734937	1.27507052	0.0008578	0.00517603	IFIT2
57678	ENSG00000119927	742.913839	-0.0326519	0.122647	0.77772655	0.89814288	GPAM
51076	ENSG00000119929	202.139733	-0.18370298	0.15644119	0.19725891	0.40121304	CUTC
5507	ENSG00000119938	62.9620956	-0.62910418	0.30091029	0.00765801	0.03328254	PPP1R3C
84795	ENSG00000119943	24.3766692	-0.1095554	0.33914092	0.53597666	0.74664913	PYROXD2
26507	ENSG00000119946	471.467008	-0.43786701	0.14670471	0.00123238	0.00707069	CNNM1
4601	ENSG00000119950	759.953398	0.06511741	0.09906896	0.49762847	0.71553478	MXI1
10285	ENSG00000119953	659.319027	0.01235185	0.11032989	0.90787943	0.95978728	SMNDC1
80007	ENSG00000119965	301.565388	-0.1778334	0.1378677	0.16566898	0.35583766	C10orf88
3070	ENSG00000119969	1001.61205	0.04672515	0.12498701	0.69347587	0.85183585	HELLS
2834	ENSG00000119973	173.185912	-2.63776156	0.22556672	6.18E-33	3.87E-31	PRLHR
26123	ENSG00000119977	671.176329	0.26104723	0.09967317	0.00654051	0.02918662	TCTN3
404636	ENSG00000119979	554.396248	-0.39510462	0.11179466	0.00021447	0.00151478	DENND10
60370	ENSG00000119986	57.1551777	-0.00547188	0.25226017	0.97545214	0.99139237	AVPI1

55717	ENSG00000120008	1487.21575	0.24283317	0.08346304	0.00282788	0.01440808	WDR11
79591	ENSG00000120029	508.001221	-0.26936629	0.11269288	0.01207479	0.0484947	ARMH3
30819	ENSG00000120049	60.089505	-0.24115998	0.26424331	0.22822978	0.44340764	KCNIP2
159686	ENSG00000120051	9.91435712	0.11711156	0.3753945	0.40628363	0.63454832	CFAP58
2805	ENSG00000120053	529.41739	-0.22496265	0.11140202	0.03415518	0.11127072	GOT1
1369	ENSG00000120054	0	NA	NA	NA	NA	CPN1
79946	ENSG00000120055	16.5611201	-0.0275759	0.32709173	0.87169699	0.94401928	C10orf95
6425	ENSG00000120057	57.7363954	-5.37450602	0.6261458	3.30E-18	1.12E-16	SFRP5
10672	ENSG00000120063	2740.08663	-0.5154045	0.06658757	3.85E-15	1.07E-13	GNA13
3218	ENSG00000120068	0	NA	NA	NA	NA	HOXB8
284058	ENSG00000120071	2062.44241	0.12225601	0.06725501	0.06483746	0.18146058	KANSL1
3215	ENSG00000120075	0	NA	NA	NA	NA	HOXB5
1394	ENSG00000120088	93.5110989	-0.88036747	0.29428492	0.0003725	0.00248666	CRHR1
104909134	ENSG00000120088	93.5110989	-0.88036747	0.29428492	0.0003725	0.00248666	CRHR1
3213	ENSG00000120093	0.173124	-0.01911262	0.38486262	0.84537521	NA	HOXB3
3211	ENSG00000120094	0	NA	NA	NA	NA	HOXB1
1843	ENSG00000120129	857.343908	1.46950082	0.09975396	3.58E-50	3.57E-48	DUSP1
79646	ENSG00000120137	6763.20309	-0.20524492	0.05832454	0.00036582	0.00244454	PANK3
4488	ENSG00000120149	21.0434459	0.23184447	0.37653472	0.24548053	0.46454384	MSX2
7010	ENSG00000120156	0	NA	NA	NA	NA	TEK
10171	ENSG00000120158	433.847976	-0.07699634	0.11230171	0.4725845	0.69470213	RCL1
79886	ENSG00000120159	540.631999	0.03979337	0.11508011	0.71791384	0.8643386	CAAP1
54586	ENSG00000120160	0	NA	NA	NA	NA	EQTN
79817	ENSG00000120162	69.7848138	-0.0205554	0.24853819	0.91226129	0.96260718	MOB3B
11172	ENSG00000120210	0.33997242	0.00281064	0.38338782	0.96162062	NA	INSL6
3641	ENSG00000120211	0	NA	NA	NA	NA	INSL4
2315	ENSG00000120215	5.7289566	-0.25973048	0.48181162	0.07259529	0.19646576	MLANA
29126	ENSG00000120217	20.335057	-0.01875484	0.34910199	0.89462025	0.95456012	CD274
3443	ENSG00000120235	0	NA	NA	NA	NA	IFNA6
3445	ENSG00000120242	0	NA	NA	NA	NA	IFNA8
2891	ENSG00000120251	459.250026	-1.84056563	0.12877631	1.79E-47	1.65E-45	GRIA2
348995	ENSG00000120253	960.836171	-0.14039688	0.08683075	0.09639355	0.24263487	NUP43
25902	ENSG00000120254	786.115544	0.24299246	0.14783698	0.07432264	0.2001033	MTHFD1L
84918	ENSG00000120256	515.215183	0.15908704	0.11152627	0.13546429	0.3099898	LRP11
80129	ENSG00000120262	0	NA	NA	NA	NA	CCDC170
5110	ENSG00000120265	1052.31092	-0.0136195	0.08906876	0.87370972	0.94441388	PCMT1
57480	ENSG00000120278	0	NA	NA	NA	NA	PLEKHG1
80177	ENSG00000120279	0.64236694	-0.01780933	0.38349976	0.68678394	NA	MYCT1

80231	ENSG00000120280	0	NA	NA	NA	NA	TASL
4115	ENSG00000120289	0	NA	NA	NA	NA	MAGEB4
84418	ENSG00000120306	160.84937	0.19246093	0.1847011	0.23533555	0.45219979	CYSTM1
54853	ENSG00000120314	1023.41179	0.04074081	0.08104558	0.60740778	0.7967057	WDR55
64411	ENSG00000120318	2379.06882	-0.40966167	0.06413246	8.78E-11	1.70E-09	ARAP3
56128	ENSG00000120322	92.1367951	0.15439673	0.21104516	0.3839572	0.61309544	PCDHB8
56126	ENSG00000120324	282.207207	0.58595814	0.1469309	2.00E-05	0.00017934	PCDHB10
56122	ENSG00000120327	405.780244	0.27068115	0.12263434	0.0194878	0.07145408	PCDHB14
56124	ENSG00000120328	167.096544	0.60960253	0.19082337	0.00037387	0.00249331	PCDHB12
83884	ENSG00000120329	0	NA	NA	NA	NA	SLC25A2
63923	ENSG00000120332	0	NA	NA	NA	NA	TNN
63931	ENSG00000120333	504.070988	-0.20545082	0.12025192	0.07108284	0.19367482	MRPS14
91687	ENSG00000120334	318.608209	-0.05845216	0.14191938	0.6553748	0.82851001	CENPL
8995	ENSG00000120337	0	NA	NA	NA	NA	TNFSF18
89866	ENSG00000120341	37.215499	0.228893	0.36391082	0.25803351	0.47940416	SEC16B
111240474	ENSG00000120341	37.215499	0.228893	0.36391082	0.25803351	0.47940416	SEC16B
92344	ENSG00000120370	201.712828	-0.06196111	0.15863981	0.66710623	0.83613156	GORAB
2853	ENSG00000120436	0	NA	NA	NA	NA	GPR31
39	ENSG00000120437	1374.67827	-0.29673139	0.11891045	0.0084037	0.03597182	ACAT2
6950	ENSG00000120438	4294.80409	-0.16627618	0.07298735	0.02009946	0.07320204	TCP1
83887	ENSG00000120440	35.3070264	0.08386398	0.29661234	0.66545432	0.83481591	TTLL2
399979	ENSG00000120451	2037.5408	-0.18712652	0.09732365	0.0462175	0.14012153	SNX19
3762	ENSG00000120457	17.3650061	-0.1379713	0.34524466	0.44838062	0.67234398	KCNJ5
79684	ENSG00000120458	550.13967	0.08344655	0.11044726	0.43061915	0.65606363	MSANTD2
63970	ENSG00000120471	1.63396956	0.06161887	0.38411344	0.42832792	NA	TP53AIP1
56159	ENSG00000120498	0.34624801	-0.02356563	0.38536324	0.65270996	NA	TEX11
407	ENSG00000120500	1.45944124	0.07028406	0.38875353	0.30037243	NA	ARR3
51248	ENSG00000120509	571.581987	0.16544791	0.10612832	0.10437294	0.25722378	PDZD11
84068	ENSG00000120519	118.682612	0.23240874	0.2232719	0.20625115	0.41325498	SLC10A7
84955	ENSG00000120526	653.096444	-0.18752884	0.11010583	0.0745429	0.20050585	NUDCD1
56943	ENSG00000120533	1211.00101	-0.02705449	0.08072863	0.73142849	0.87166875	ENY2
84930	ENSG00000120539	931.633376	-0.25550982	0.08720575	0.00256651	0.01327412	MASTL
56243	ENSG00000120549	148.379528	2.62333394	0.24129862	8.49E-29	4.68E-27	KIAA1217
NA	ENSG00000120555	2.39624697	-0.04839539	0.377767	0.58892803	NA	SEPTIN7P9
84569	ENSG00000120563	0	NA	NA	NA	NA	LYZL1
84898	ENSG00000120594	119.720045	-0.25425581	0.29890465	0.22233592	0.43535977	PLXDC2
80314	ENSG00000120616	828.1884	0.05603617	0.09290604	0.53471352	0.74572704	EPC1
440073	ENSG00000120645	371.262426	-4.75530407	0.21128816	4.91E-113	1.71E-110	IQSEC3

84318	ENSG00000120647	498.811904	-0.17981982	0.13026822	0.14093831	0.31898686	CCDC77
6883	ENSG00000120656	423.27743	-0.04450115	0.11421278	0.68237534	0.8449992	TAF12
55068	ENSG00000120658	174.876746	-0.60166448	0.18541886	0.00031691	0.0021516	ENOX1
8600	ENSG00000120659	0	NA	NA	NA	NA	TNFSF11
9617	ENSG00000120662	192.601811	-0.20174927	0.18258448	0.20849578	0.4162363	MTRF1
NA	ENSG00000120664	11.7655225	0.09655536	0.3495569	0.56433994	0.76683134	SPART-AS1
54937	ENSG00000120669	28.5070653	0.30151217	0.37846802	0.16902965	0.36039348	SOHLH2
29103	ENSG00000120675	249.20731	0.37146513	0.16186376	0.01150006	0.04653421	DNAJC15
80209	ENSG00000120685	1419.8766	-0.12958998	0.08471802	0.1160893	0.27839903	PROSER1
51569	ENSG00000120686	785.482465	-0.03728861	0.10389224	0.70883951	0.86019792	UFM1
11193	ENSG00000120688	317.537635	0.06856774	0.12842378	0.57178542	0.77185678	WBP4
1997	ENSG00000120690	321.741567	0.36696264	0.13572379	0.00379998	0.01846719	ELF1
4093	ENSG00000120693	1117.01092	-0.30215963	0.08179442	0.00015061	0.0010994	SMAD9
10808	ENSG00000120694	3490.84661	-0.10691638	0.10890956	0.30469532	0.53198909	HSPH1
84078	ENSG00000120696	374.795041	-0.12501542	0.1356454	0.32325903	0.55093712	KBTBD7
29880	ENSG00000120697	462.944904	-0.05160088	0.11294109	0.63185219	0.81371846	ALG5
11340	ENSG00000120699	760.125469	0.10729422	0.09268248	0.23019674	0.44613689	EXOSC8
2107	ENSG00000120705	2806.21252	-0.2631622	0.06619744	5.29E-05	0.00042958	ETF1
7045	ENSG00000120708	0.16735865	0.01897177	0.38482933	0.78225479	NA	TGFBI
51307	ENSG00000120709	1410.50167	-0.09312466	0.07352204	0.19626676	0.39997732	FAM53C
100128966	ENSG00000120709	1410.50167	-0.09312466	0.07352204	0.19626676	0.39997732	FAM53C
64374	ENSG00000120725	333.050348	-0.01207624	0.14285797	0.92667372	0.96932621	SIL1
51247	ENSG00000120727	2734.24196	0.16969027	0.05898303	0.00359296	0.01765775	PAIP2
9499	ENSG00000120729	0.64135813	0.03718182	0.38666599	0.41086295	NA	MYOT
51780	ENSG00000120733	2745.08494	-0.11374129	0.06241727	0.06453206	0.18093782	KDM3B
1958	ENSG00000120738	4996.43647	4.06310543	0.41368801	4.85E-24	2.24E-22	EGR1
27230	ENSG00000120742	2434.74932	0.32413002	0.06821109	1.33E-06	1.48E-05	SERP1
5357	ENSG00000120756	288.880579	-0.12465289	0.16976512	0.41034583	0.63815925	PLS1
22835	ENSG00000120784	496.624608	-0.38404221	0.1652565	0.01008447	0.04167381	ZFP30
7181	ENSG00000120798	576.21415	0.03062685	0.13077995	0.80445749	0.91118482	NR2C1
27340	ENSG00000120800	963.348902	0.06319517	0.08804338	0.46110034	0.68423565	UTP20
7112	ENSG00000120802	4038.54265	-0.36493955	0.06543573	1.44E-08	2.12E-07	TMPO
400	ENSG00000120805	438.847293	0.04493661	0.12514456	0.70513367	0.85803894	ARL1
83468	ENSG00000120820	49.2276728	0.64859104	0.36002737	0.0128457	0.05099213	GLT8D2
80298	ENSG00000120832	362.394939	0.08458065	0.13486535	0.50463208	0.72111066	MTERF2
8835	ENSG00000120833	421.357819	-0.26256633	0.13527989	0.03731991	0.11917383	SOCS2
4801	ENSG00000120837	709.092025	-0.29319442	0.100317	0.00245167	0.01274996	NFYB
51019	ENSG00000120860	173.431773	0.10492392	0.1888564	0.52457492	0.73734087	WASHC3

317	ENSG00000120868	767.920285	-0.16832327	0.09600625	0.06953469	0.19052178	APAF1
1846	ENSG00000120875	3403.40835	-0.44602661	0.06915428	5.00E-11	9.92E-10	DUSP4
1191	ENSG00000120885	21.9108667	-0.48370572	0.67104545	0.03937525	0.12401014	CLU
8795	ENSG00000120889	1810.28868	0.13976935	0.07597222	0.06052385	0.17247818	TNFRSF10B
10174	ENSG00000120896	785.559624	0.257622	0.12949812	0.03399772	0.11087545	SORBS3
2185	ENSG00000120899	180.616252	0.15673729	0.23933717	0.40825751	0.63640649	PTK2B
1135	ENSG00000120903	3.78621096	-0.08248107	0.38584972	0.3416745	0.57180671	CHRNA2
148	ENSG00000120907	0.45187964	0.00140723	0.38312334	0.99378719	NA	ADRA1A
5533	ENSG00000120910	196.713757	-0.0881236	0.16498465	0.55287427	0.75919187	PPP3CC
64236	ENSG00000120913	215.305627	-0.02158905	0.14921476	0.87425426	0.94470892	PDLIM2
2053	ENSG00000120915	387.329003	0.29710364	0.15906709	0.03994049	0.12522429	EPHX2
81790	ENSG00000120925	476.578082	-0.01343496	0.1092176	0.89831298	0.95552914	RNF170
4879	ENSG00000120937	0.62258031	-0.04505531	0.38756585	0.37427725	NA	NPPB
29914	ENSG00000120942	431.434997	-0.19323706	0.14645419	0.15187436	0.33595576	UBIAD1
23435	ENSG00000120948	4199.18554	-0.01926511	0.08577117	0.81697301	0.91671007	TARDBP
943	ENSG00000120949	0.173124	-0.01911262	0.38486262	0.84537521	NA	TNFRSF8
65122	ENSG00000120952	0	NA	NA	NA	NA	PRAMEF2
51123	ENSG00000120963	664.942646	-0.83015697	0.13436379	1.09E-10	2.09E-09	ZNF706
10434	ENSG00000120992	1176.55143	-0.11924934	0.09669469	0.20177276	0.40724024	LYPLA1
83690	ENSG00000121005	1053.39887	0.84018148	0.10362377	9.11E-17	2.77E-15	CRISPLD1
10987	ENSG00000121022	955.115551	-0.01342789	0.08991834	0.87716611	0.94574195	COP55
157506	ENSG00000121039	94.9529099	-0.09618639	0.26494297	0.61837474	0.80469863	RDH10
8288	ENSG00000121053	2.50967355	-0.122475	0.4052678	0.14170571	NA	EPX
8165	ENSG00000121057	2384.41053	-0.31319067	0.06892581	3.72E-06	3.82E-05	AKAP1
8161	ENSG00000121058	608.426203	-0.31462872	0.09981326	0.00106014	0.00620629	COIL
7706	ENSG00000121060	1326.24236	0.10441238	0.09801549	0.27066736	0.49398241	TRIM25
59342	ENSG00000121064	575.479855	0.51800504	0.11850939	4.60E-06	4.66E-05	SCPEP1
8405	ENSG00000121067	963.04294	-0.06566276	0.11153392	0.53661232	0.74729267	SPOP
6909	ENSG00000121068	3060.57016	0.68133843	0.06010567	2.24E-30	1.30E-28	TBX2
10237	ENSG00000121073	1010.25867	0.32981606	0.08780832	0.00011093	0.00083399	SLC35B1
9496	ENSG00000121075	24.0685901	2.13646531	0.63581549	3.82E-05	0.00032221	TBX4
NA	ENSG00000121089	0.53000235	0.01362607	0.38292808	0.74194811	NA	NACA3P
56155	ENSG00000121101	21.372039	-0.03448964	0.30460577	0.85216373	0.93300196	TEX14
81558	ENSG00000121104	259.882569	0.60253702	0.16894701	0.00010048	0.00076377	FAM117A
23397	ENSG00000121152	1296.86791	-0.04802993	0.09955691	0.61634942	0.80326549	NCAPH
9227	ENSG00000121207	0	NA	NA	NA	NA	LRAT
23240	ENSG00000121210	573.168491	-0.14188223	0.10927311	0.1738051	0.36691776	TMEM131L
84057	ENSG00000121211	183.241121	-0.23082174	0.17431388	0.13630411	0.3113874	MND1

117854	ENSG00000121236	0	NA	NA	NA	NA	TRIM6
85320	ENSG00000121270	13.7729283	0.06656442	0.33824625	0.69629209	0.85340714	ABCC11
64282	ENSG00000121274	314.151634	-0.16153298	0.1504482	0.24157656	0.45960686	TENT4B
113	ENSG00000121281	994.014068	0.00927499	0.09700272	0.92214937	0.96738383	ADCY7
84902	ENSG00000121289	615.698644	0.33300729	0.14328507	0.01225164	0.04906593	CEP89
57616	ENSG00000121297	777.221587	0.03597399	0.09502495	0.69669584	0.85365037	TSHZ3
55268	ENSG00000121310	195.38927	0.08064184	0.20585664	0.64423778	0.82234302	ECHDC2
50836	ENSG00000121314	0.81915356	-0.00712032	0.38011689	0.90685717	NA	TAS2R8
79887	ENSG00000121316	9.85508768	0.46702557	0.75040772	0.02625165	0.09046946	PLBD1
50839	ENSG00000121318	24.5793946	0.19775705	0.33182453	0.33080652	0.55961812	TAS2R10
653247	ENSG00000121335	0.66900215	0.02598789	0.38362153	0.58754139	NA	PRB2
79912	ENSG00000121350	368.624639	0.22113381	0.164323	0.13619886	0.31128106	PYROXD1
3375	ENSG00000121351	0	NA	NA	NA	NA	IAPP
3764	ENSG00000121361	363.932469	1.30671331	0.13438417	2.38E-23	1.06E-21	KCNJ8
50837	ENSG00000121377	0	NA	NA	NA	NA	TAS2R7
79370	ENSG00000121380	0.78914922	-0.00349613	0.38198127	0.90760115	NA	BCL2L14
50835	ENSG00000121381	1.19489416	0.05598592	0.38741728	0.28969146	NA	TAS2R9
NA	ENSG00000121388	0	NA	NA	NA	NA	
55269	ENSG00000121390	1087.8728	-0.08252417	0.08732678	0.33146765	0.5603543	PSPC1
256051	ENSG00000121406	260.359865	-0.02811003	0.14288333	0.83113175	0.92369221	ZNF549
1	ENSG00000121410	135.013648	-0.05091677	0.1889804	0.75577098	0.88640901	A1BG
65982	ENSG00000121413	726.216728	0.1128204	0.12313631	0.33623829	0.56617316	ZSCAN18
10520	ENSG00000121417	285.749092	0.03914377	0.16219839	0.79096137	0.9048941	ZNF211
23024	ENSG00000121440	351.054683	3.4968401	0.16778293	2.65E-97	7.97E-95	PDZRN3
353299	ENSG00000121446	0	NA	NA	NA	NA	RGSL1
89884	ENSG00000121454	260.7436	-0.03399061	0.13552398	0.78970095	0.9043268	LHX4
6045	ENSG00000121481	583.748372	-0.02333246	0.11094947	0.82436059	0.92028551	RNF2
81627	ENSG00000121486	501.554348	-0.39276086	0.1366578	0.00207306	0.01102966	TRMT1L
26984	ENSG00000121542	247.127037	-0.28605567	0.1735399	0.06363522	0.17913205	SEC22A
1475	ENSG00000121552	0.18922458	0.01954053	0.38488496	0.78225479	NA	CSTA
55211	ENSG00000121570	0	NA	NA	NA	NA	DPPA4
64091	ENSG00000121577	1118.3943	0.42512404	0.10210211	1.53E-05	0.00014069	POPDC2
8702	ENSG00000121578	560.53179	0.50266114	0.1345428	7.11E-05	0.00056398	B4GALT4
80218	ENSG00000121579	2365.7545	-0.03384136	0.06580827	0.59952066	0.79057618	NAA50
941	ENSG00000121594	0.69493202	0.03154416	0.38626309	0.41391645	NA	CD80
81930	ENSG00000121621	404.866942	-0.27055708	0.1197984	0.01707618	0.06418935	KIF18A
2703	ENSG00000121634	0	NA	NA	NA	NA	GJA8
51029	ENSG00000121644	1773.70147	-0.07466425	0.07512318	0.3102543	0.53796162	DESI2

9479	ENSG00000121653	1300.43883	-1.35171049	0.08138178	5.42E-63	7.52E-61	MAPK8IP1
1408	ENSG00000121671	220.809296	0.0524849	0.20446976	0.76314986	0.89085039	CRY2
9409	ENSG00000121680	346.575178	0.1264764	0.14301249	0.33965455	0.57006566	PEX16
91614	ENSG00000121690	94.3578889	0.08324015	0.20947578	0.63706331	0.81722218	DEPDC7
847	ENSG00000121691	628.166417	0.26540097	0.09707607	0.0046198	0.0217557	CAT
29990	ENSG00000121716	900.209515	0.03030085	0.10231703	0.75968549	0.88853152	PILRB
7750	ENSG00000121741	3018.42368	-0.18803466	0.07806143	0.01371934	0.05368874	ZMYM2
10804	ENSG00000121742	0	NA	NA	NA	NA	GJB6
2700	ENSG00000121743	0	NA	NA	NA	NA	GJA3
64786	ENSG00000121749	598.651502	-0.00420197	0.10235506	0.96520179	0.98622874	TBC1D15
576	ENSG00000121753	2544.80636	-0.46319966	0.07228772	6.58E-11	1.29E-09	ADGRB2
3061	ENSG00000121764	10.6594486	0.1253313	0.3713007	0.41730994	0.64361234	HCRTR1
51538	ENSG00000121766	449.003466	-0.34775695	0.11460506	0.00142923	0.00804233	ZCCHC17
2170	ENSG00000121769	7.71635917	-0.14514783	0.38606559	0.32114097	0.54888325	FABP3
10657	ENSG00000121774	6244.13451	0.03957766	0.05778642	0.48910365	0.70874969	KHDRBS1
55116	ENSG00000121775	403.391051	0.05694853	0.13006616	0.6426587	0.82136499	TMEM39B
9034	ENSG00000121797	0	NA	NA	NA	NA	CCRL2
729230	ENSG00000121807	0	NA	NA	NA	NA	CCR2
84265	ENSG00000121851	362.547481	-0.10893454	0.12608132	0.35940124	0.58949503	POLR3GL
2693	ENSG00000121853	0	NA	NA	NA	NA	GHSR
8743	ENSG00000121858	0	NA	NA	NA	NA	TNFSF10
51193	ENSG00000121864	661.983566	-0.31539624	0.10521087	0.00176287	0.00961126	ZNF639
22865	ENSG00000121871	1.54953355	-0.02066408	0.38105813	0.71588314	NA	SLITRK3
5290	ENSG00000121879	837.048329	-0.23569634	0.11969492	0.03743886	0.11945755	PIK3CA
23244	ENSG00000121892	2732.09001	-0.61013706	0.06464004	1.18E-21	4.74E-20	PDS5A
80008	ENSG00000121895	0.173733	0.01914545	0.38484597	0.78225479	NA	TMEM156
11019	ENSG00000121897	205.694614	0.08087927	0.16784111	0.59429936	0.7877158	LIAS
119587	ENSG00000121898	0	NA	NA	NA	NA	CPXM2
113452	ENSG00000121900	175.430686	-0.35174437	0.17711465	0.02553485	0.08857763	TMEM54
7579	ENSG00000121903	371.057318	-0.16910659	0.12267424	0.14451324	0.32462259	ZSCAN20
114784	ENSG00000121904	100.687104	-3.08814704	0.31635684	6.19E-24	2.83E-22	CSMD2
3208	ENSG00000121905	16.0329994	-0.18219079	0.38678918	0.28064421	0.50530731	HPCA
55791	ENSG00000121931	400.807097	-0.5364186	0.14721928	9.05E-05	0.00069675	LRIF1
57413	ENSG00000121933	0	NA	NA	NA	NA	TMIGD3
23155	ENSG00000121940	1038.95682	-0.05948867	0.09274718	0.50786766	0.72375336	CLCC1
29899	ENSG00000121957	1289.36491	-0.26235213	0.07867725	0.00063782	0.00398436	GPSM2
79712	ENSG00000121964	371.385403	-0.18368444	0.17908175	0.24367574	0.4621035	GTDC1
7852	ENSG00000121966	456.809835	-4.13856234	0.22878369	2.24E-74	4.01E-72	CXCR4

84083	ENSG00000121988	274.362723	-0.34067212	0.18581174	0.03678146	0.11789082	ZRANB3
92	ENSG00000121989	245.942358	-0.28635728	0.15580591	0.04376443	0.13428491	ACVR2A
51426	ENSG00000122008	566.250565	-0.31094138	0.11922909	0.00592555	0.02689612	POLK
22987	ENSG00000122012	1953.27118	-1.09977393	0.08267928	2.61E-41	2.02E-39	SV2C
2322	ENSG00000122025	0	NA	NA	NA	NA	FLT3
6144	ENSG00000122026	10820.5641	-0.24662728	0.06384724	7.88E-05	0.0006149	RPL21
219402	ENSG00000122033	226.150264	-0.1078615	0.14622179	0.42394943	0.64969559	MTIF3
2971	ENSG00000122034	1288.35767	-0.12343752	0.08938985	0.15505571	0.34067612	GTF3A
387496	ENSG00000122035	9.51668623	0.13957286	0.39290979	0.27675286	0.50116619	RASL11A
5412	ENSG00000122042	387.622989	-0.25686369	0.11887692	0.02257895	0.08026633	UBL3
NA	ENSG00000122043	0	NA	NA	NA	NA	LINC00544
84248	ENSG00000122068	1261.52606	-0.36528511	0.08394996	7.84E-06	7.60E-05	FYTTD1
130916	ENSG00000122085	902.473688	-0.15722479	0.10077909	0.10504057	0.2584011	MTERF4
7512	ENSG00000122121	72.3866459	0.53597711	0.28458071	0.01632554	0.06176559	XPNPEP2
54440	ENSG00000122122	0.36233267	0.0008537	0.38336412	0.96773832	NA	SASH3
4952	ENSG00000122126	1731.27921	-0.18165388	0.06727199	0.00600011	0.0271538	OCRL
5047	ENSG00000122133	0	NA	NA	NA	NA	PAEP
29991	ENSG00000122136	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OBP2A
51116	ENSG00000122140	989.39985	-0.17678877	0.10357595	0.07545362	0.20229727	MRPS2
50945	ENSG00000122145	20.2770022	-0.38835454	0.45383964	0.09610874	0.24207151	TBX22
2331	ENSG00000122176	0.173124	-0.01911262	0.38486262	0.84537521	NA	FMOD
4656	ENSG00000122180	0.16735865	0.01897177	0.38482933	0.78225479	NA	MYOG
54900	ENSG00000122188	0.79333025	-0.04367995	0.38521218	0.44950511	NA	LAX1
5340	ENSG00000122194	1.25830373	-0.04225424	0.38176262	0.54677263	NA	PLG
57179	ENSG00000122203	1977.61345	-0.12260751	0.07161678	0.08105569	0.21356507	KIAA1191
1314	ENSG00000122218	5175.89918	-0.19875446	0.06322257	0.00141397	0.00797179	COPA
51744	ENSG00000122223	0	NA	NA	NA	NA	CD244
4063	ENSG00000122224	0	NA	NA	NA	NA	LY9
9956	ENSG00000122254	15.9181193	-0.67712142	0.72485277	0.02722522	0.0930328	HS3ST2
5930	ENSG00000122257	1636.06246	-0.06136985	0.08651922	0.46567544	0.68839883	RBBP6
29066	ENSG00000122299	1205.77966	-0.15782731	0.11199079	0.13935185	0.31622334	ZC3H7A
5620	ENSG00000122304	0.16735865	0.01897177	0.38482933	0.78225479	NA	PRM2
84947	ENSG00000122335	261.073183	-0.06703928	0.1478385	0.62227736	0.80703248	SERAC1
311	ENSG00000122359	702.778102	0.53190057	0.12438316	6.71E-06	6.57E-05	ANXA11
11155	ENSG00000122367	16.0050718	-0.19324956	0.40496531	0.21901268	0.43093714	LDB3
94233	ENSG00000122375	0	NA	NA	NA	NA	OPN4
54537	ENSG00000122376	812.137477	-0.48024755	0.09788019	3.87E-07	4.70E-06	SHLD2
84293	ENSG00000122378	2018.65487	-0.17151941	0.06701813	0.00897076	0.03792452	PRXL2A

7755	ENSG00000122386	367.875733	0.0837556	0.12973722	0.49320355	0.71236151	ZNF205
79903	ENSG00000122390	1370.05937	0.24091431	0.08746817	0.00459416	0.0216598	NAA60
6125	ENSG00000122406	15027.6684	-0.02985483	0.04863188	0.53391951	0.74519614	RPL5
57489	ENSG00000122417	485.651734	0.45926236	0.11451311	2.68E-05	0.00023401	ODF2L
5737	ENSG00000122420	37.0820644	-0.17066989	0.31491483	0.39423997	0.62344341	PTGFR
100505741	ENSG00000122432	6.1176465	0.27580614	0.5083537	0.04427337	0.13549029	SPATA1
54482	ENSG00000122435	725.743569	-0.06099765	0.10639188	0.5495316	0.75607328	TRMT13
127495	ENSG00000122477	59.392765	0.14431208	0.25395078	0.45780944	0.68133969	LRRC39
25950	ENSG00000122481	239.670299	0.06033494	0.15290435	0.66798241	0.83666483	RWDD3
84146	ENSG00000122482	961.848606	-0.11323269	0.08452083	0.16904344	0.36039348	ZNF644
343099	ENSG00000122483	292.910795	0.19062902	0.16047531	0.19041632	0.39167661	CCDC18
79871	ENSG00000122484	568.631105	-0.28889342	0.11896636	0.01037045	0.04264242	RPAP2
80148	ENSG00000122490	711.756199	-0.18169197	0.09559513	0.04916564	0.14714833	SLC66A2
27241	ENSG00000122507	241.771491	0.02734727	0.18012432	0.86464168	0.94007513	BBS9
5395	ENSG00000122512	1336.27866	-0.12235624	0.07314429	0.08810234	0.22680037	PMS2
83637	ENSG00000122515	2774.50752	0.37792066	0.08028739	1.43E-06	1.58E-05	ZMIZ2
654231	ENSG00000122543	0.688222	0.04020838	0.3871341	0.3583845	NA	OCM
989	ENSG00000122545	4628.06854	-0.1411079	0.05507677	0.01006083	0.04165471	SEPTIN7
80820	ENSG00000122547	171.580587	0.29156469	0.17593115	0.06240278	0.17648913	EEPDI
9808	ENSG00000122548	0.9749599	-0.01781151	0.38087417	0.76347278	NA	KIAA0087
55975	ENSG00000122550	954.246067	-0.38367793	0.09977683	6.53E-05	0.00052142	KLHL7
64224	ENSG00000122557	557.07968	0.0487919	0.10980796	0.64332229	0.82181194	HERPUD2
11335	ENSG00000122565	6228.22173	-0.16329007	0.06575968	0.01162402	0.04696	CBX3
3181	ENSG00000122566	28454.1571	-0.11787959	0.070044	0.08522106	0.22148098	HNRNPA2B1
644150	ENSG00000122574	91.1378045	1.158497	0.27537419	2.60E-06	2.74E-05	WIPF3
30010	ENSG00000122584	53.8445284	-1.02747806	0.43993987	0.00145748	0.00817306	NXPH1
4852	ENSG00000122585	2553.66933	0.58803574	0.11237583	5.17E-08	7.10E-07	NPY
84668	ENSG00000122591	49.3319628	-0.24538137	0.37742253	0.22117297	0.43373822	FAM126A
3204	ENSG00000122592	0	NA	NA	NA	NA	HOXA7
3624	ENSG00000122641	1512.92148	-0.32492417	0.07696811	1.57E-05	0.00014374	INHBA
11328	ENSG00000122642	2084.47256	0.24171855	0.06776615	0.00028537	0.00195569	FKBP9
51251	ENSG00000122643	715.734902	-0.29101078	0.1244367	0.01317555	0.05200193	NT5C3A
10124	ENSG00000122644	230.913367	0.56273355	0.15987772	0.000136	0.00100271	ARL4A
51622	ENSG00000122674	834.116678	0.25564888	0.102371	0.00940639	0.03945512	CCZ1
27434	ENSG00000122678	715.673308	0.43183824	0.11086159	4.65E-05	0.00038373	POLM
10268	ENSG00000122679	7.26292058	-0.08689183	0.37069475	0.50571252	0.72177288	RAMP3
29960	ENSG00000122687	1347.32529	-0.35459098	0.08225646	9.76E-06	9.28E-05	MRM2
7291	ENSG00000122691	5415.23184	0.50784349	0.06494723	2.12E-15	5.98E-14	TWIST1

55234	ENSG00000122692	1105.15502	0.0050579	0.08259734	0.9497545	0.97932173	SMU1
152007	ENSG00000122694	349.991958	0.10208939	0.14300213	0.44191389	0.66678618	GLIPR2
92014	ENSG00000122696	332.839033	-0.11427816	0.12645501	0.33840044	0.56877877	SLC25A51
1211	ENSG00000122705	2262.36463	-0.22088765	0.06823523	0.0009843	0.00582939	CLTA
8434	ENSG00000122707	380.194117	0.25680181	0.12882705	0.03389544	0.11060618	RECK
27290	ENSG00000122711	0.55908305	0.01280346	0.38331087	0.73663191	NA	SPINK4
138474	ENSG00000122728	1.01693633	0.0226591	0.38210562	0.67438295	NA	TAF1L
48	ENSG00000122729	456.375309	-0.11054425	0.10974336	0.29230419	0.51835137	ACO1
23349	ENSG00000122733	6.65235695	0.15036975	0.40305039	0.21968664	0.43175718	PHF24
27019	ENSG00000122735	8.37748049	0.39788262	0.66158237	0.02524701	0.0877849	DNAI1
79269	ENSG00000122741	1128.18868	-0.167775	0.08588854	0.04470039	0.13639738	DCAF10
1271	ENSG00000122756	2829.0782	-1.12879228	0.06439298	1.01E-69	1.64E-67	CNTFR
57670	ENSG00000122778	3752.42359	0.09429586	0.05442143	0.08007321	0.21142567	KIAA1549
8805	ENSG00000122779	2837.61908	-0.03576185	0.07017566	0.61807895	0.80452675	TRIM24
78996	ENSG00000122783	863.315635	-0.1127651	0.08499159	0.17169747	0.36421231	CYREN
800	ENSG00000122786	3621.20393	0.14840946	0.06544391	0.02153527	0.07724818	CALD1
6718	ENSG00000122787	0	NA	NA	NA	NA	AKR1D1
170685	ENSG00000122824	288.594996	-0.03033121	0.13940766	0.81436515	0.91592004	NUDT10
653509	ENSG00000122852	0.173733	0.01914545	0.38484597	0.78225479	NA	SFTPA1
50674	ENSG00000122859	0.15069912	-0.01848503	0.38480575	0.84537521	NA	NEUROG3
5328	ENSG00000122861	28.8920033	-0.06555672	0.29361361	0.73140627	0.87166875	PLAU
5552	ENSG00000122862	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SRGN
9469	ENSG00000122863	912.611218	-0.34541639	0.09125697	9.36E-05	0.00071719	CHST3
80114	ENSG00000122870	365.787799	-0.08886826	0.13192032	0.47235034	0.69454019	BICC1
NA	ENSG00000122872	0	NA	NA	NA	NA	ARL4API
55847	ENSG00000122873	312.594921	-0.29600217	0.1614569	0.04229272	0.13108695	CISD1
1959	ENSG00000122877	5.06394307	0.23488832	0.45880991	0.09772823	0.24490691	EGR2
11319	ENSG00000122882	545.972093	0.05048029	0.11622522	0.64842344	0.82455589	ECD
5033	ENSG00000122884	682.008031	0.49055643	0.12878209	5.55E-05	0.00044773	P4HA1
8034	ENSG00000122912	271.134997	0.03974506	0.16207024	0.78778411	0.90355167	SLC25A16
11130	ENSG00000122952	1278.524	-0.11500454	0.09657162	0.21750697	0.42908802	ZWINT
9559	ENSG00000122958	802.817034	-0.01671034	0.13479805	0.8859267	0.95015905	VPS26A
9904	ENSG00000122965	821.434725	0.14691319	0.10507052	0.14569635	0.32618095	RBM19
11113	ENSG00000122966	1388.19269	-0.39997966	0.0851813	1.41E-06	1.56E-05	CIT
28981	ENSG00000122970	884.704267	0.15107331	0.11352874	0.16324533	0.35223353	IFT81
35	ENSG00000122971	99.0569615	0.44916084	0.24553622	0.02524274	0.0877849	ACADS
84329	ENSG00000122986	15.3434913	0.54827014	0.66858417	0.04122772	0.12836755	HVCN1
NA	ENSG00000123009	0	NA	NA	NA	NA	NME2P1

79039	ENSG00000123064	1265.57622	-0.14717229	0.08696154	0.08167261	0.21450683	DDX54
23389	ENSG00000123066	1746.93735	-0.10080336	0.07344781	0.16157197	0.34999912	MED13L
1031	ENSG00000123080	901.635574	0.62804465	0.09290468	3.90E-12	8.53E-11	CDKN2C
26994	ENSG00000123091	788.80925	-0.04131773	0.10034026	0.66895887	0.83720078	RNF11
11228	ENSG00000123094	771.287311	0.44172076	0.11474772	5.45E-05	0.00044062	RASSF8
79365	ENSG00000123095	6.49663573	-0.25099086	0.50029873	0.0181695	0.0673422	BHLHE41
8082	ENSG00000123096	221.247834	0.38924106	0.23649427	0.04462406	0.13624829	SSPN
3709	ENSG00000123104	697.936797	0.28314648	0.12157226	0.01375611	0.05379878	ITPR2
55297	ENSG00000123106	486.484824	0.05255455	0.14332459	0.693515	0.85183585	CCDC91
64168	ENSG00000123119	81.2840671	-0.24623719	0.23123812	0.18948168	0.39045835	NECAB1
11059	ENSG00000123124	399.499712	0.55316101	0.14647619	5.17E-05	0.00042123	WWP1
23597	ENSG00000123130	495.306436	-0.06541914	0.12341368	0.57466733	0.77361067	ACOT9
10549	ENSG00000123131	867.417387	0.17608044	0.08840441	0.04046848	0.12647995	PRDX4
10212	ENSG00000123136	1785.50307	-0.16313585	0.07284099	0.0218877	0.07835654	DDX39A
5585	ENSG00000123143	4566.56153	-0.34951281	0.05371804	4.77E-11	9.48E-10	PKN1
79002	ENSG00000123144	3008.43225	-0.05229311	0.06349343	0.40244553	0.63061911	TRIR
976	ENSG00000123146	434.452793	0.36503278	0.12928256	0.00266498	0.01369417	ADGRE5
84292	ENSG00000123154	265.227834	0.01724356	0.14073777	0.89638983	0.95469109	WDR83
10755	ENSG00000123159	946.058872	0.05744058	0.09155139	0.51877451	0.73239566	GIPC1
139741	ENSG00000123165	0	NA	NA	NA	NA	ACTRT1
83446	ENSG00000123171	0	NA	NA	NA	NA	CCDC70
57213	ENSG00000123178	203.893814	0.18171125	0.1594755	0.2108908	0.41983479	SPRYD7
84650	ENSG00000123179	714.285031	-0.00956097	0.09915416	0.91946083	0.96585497	EBPL
540	ENSG00000123191	364.01599	0.13143991	0.12423153	0.26355304	0.48550532	ATP7B
23091	ENSG00000123200	3033.67298	-0.10964381	0.0613101	0.06965211	0.19079082	ZC3H13
2974	ENSG00000123201	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GUCY1B2
57486	ENSG00000123213	988.797933	0.0610368	0.08339239	0.45420961	0.67744995	NLN
64105	ENSG00000123219	478.481038	0.05806591	0.11412631	0.59487642	0.78787011	CENPK
10133	ENSG00000123240	401.018861	0.13740195	0.13166139	0.26625829	0.48853828	OPTN
80760	ENSG00000123243	1.84834672	0.05202777	0.38288463	0.42373663	NA	ITIH5
466	ENSG00000123268	273.903881	-0.21330089	0.13708557	0.09459504	0.23913934	ATF1
10102	ENSG00000123297	467.704787	-0.03638102	0.11528392	0.74059002	0.87742184	TSFM
58158	ENSG00000123307	0	NA	NA	NA	NA	NEUROD4
64333	ENSG00000123329	91.2256454	2.74148619	0.36834245	5.86E-15	1.59E-13	ARHGAP9
3071	ENSG00000123338	0	NA	NA	NA	NA	NCKAP1L
4327	ENSG00000123342	2.20517753	0.09136999	0.39125184	0.28032328	NA	MMP19
5204	ENSG00000123349	2445.61687	-0.14059725	0.06041482	0.01833276	0.06774481	PFDN5
65244	ENSG00000123352	1069.52111	0.09361166	0.0944798	0.30686238	0.53442325	SPATS2

29095	ENSG00000123353	268.776301	-0.02852819	0.15906446	0.84259095	0.928413	ORMDL2
3164	ENSG00000123358	605.758161	0.74946385	0.14473096	4.52E-08	6.24E-07	NR4A1
5153	ENSG00000123360	0	NA	NA	NA	NA	PDE1B
3229	ENSG00000123364	0.49101099	-0.01135408	0.38292455	0.81858369	NA	HOXC13
1017	ENSG00000123374	1297.10383	0.04305683	0.07859259	0.57709511	0.77557535	CDK2
4035	ENSG00000123384	6078.20363	0.46213735	0.05136511	1.21E-19	4.41E-18	LRP1
3227	ENSG00000123388	0.52119901	0.02576573	0.38568143	0.51723676	NA	HOXC11
60673	ENSG00000123395	765.30798	0.19396083	0.09381265	0.03275774	0.10755128	ATG101
4778	ENSG00000123405	0	NA	NA	NA	NA	NFE2
3228	ENSG00000123407	0	NA	NA	NA	NA	HOXC12
64375	ENSG00000123411	393.486505	0.03679168	0.12695519	0.76012684	0.88889051	IKZF4
23583	ENSG00000123415	779.345202	-0.21209676	0.10977909	0.04295963	0.13257414	SMUG1
10376	ENSG00000123416	38290.9744	-0.23948412	0.05579124	1.39E-05	0.00012849	TUBA1B
25895	ENSG00000123427	152.720712	0.31076856	0.18201896	0.05326295	0.15622958	EEF1AKMT3
55709	ENSG00000123444	470.567428	-0.19876411	0.12893049	0.1005283	0.25024862	KBTBD4
NA	ENSG00000123447	0	NA	NA	NA	NA	TYRL
1757	ENSG00000123453	454.095949	0.12046257	0.1625576	0.41342896	0.64066701	SARDH
1621	ENSG00000123454	55435.6891	0.98744618	0.0528108	7.82E-79	1.55E-76	DBH
64756	ENSG00000123472	1168.9884	-0.08341373	0.08787658	0.32906117	0.55761363	ATPAF1
6491	ENSG00000123473	734.157335	-0.43444921	0.11292074	5.60E-05	0.00045174	STIL
55355	ENSG00000123485	843.327856	-0.21606261	0.1082419	0.03687606	0.118091	HJURP
3598	ENSG00000123496	8.43539783	0.1394119	0.37222604	0.38943009	0.61864785	IL13RA2
1300	ENSG00000123500	2.96305376	-0.00127599	0.36949505	0.98847317	0.99604194	COL10A1
262	ENSG00000123505	2000.08139	-0.4534459	0.09582347	1.00E-06	1.13E-05	AMD1
29078	ENSG00000123545	404.155157	-1.04785456	0.16725615	4.34E-11	8.68E-10	NDUFAF4
85015	ENSG00000123552	368.065418	0.04199725	0.14746376	0.7588259	0.88815444	USP45
5354	ENSG00000123560	3.52274042	0.26961314	0.51602203	0.02382069	0.08379476	PLP1
6906	ENSG00000123561	0	NA	NA	NA	NA	SERPINA7
9643	ENSG00000123562	3920.386	-0.11709633	0.08433994	0.15059806	0.33417577	MORF4L2
158983	ENSG00000123569	0	NA	NA	NA	NA	H2BW1
51209	ENSG00000123570	112.785088	-0.46794394	0.23365323	0.0163002	0.06169325	RAB9B
203447	ENSG00000123572	0.70622758	0.00412423	0.38184091	0.9305563	NA	NRK
139231	ENSG00000123575	757.155308	-0.17574313	0.10599856	0.08356624	0.21829549	FAM199X
80712	ENSG00000123576	0	NA	NA	NA	NA	ESX1
4108	ENSG00000123584	0	NA	NA	NA	NA	MAGEA9
92552	ENSG00000123594	0	NA	NA	NA	NA	ATXN3L
9367	ENSG00000123595	151.738696	0.24534333	0.18310819	0.12781277	0.29835718	RAB9A
79828	ENSG00000123600	402.090705	-0.12148606	0.1391581	0.34730234	0.57801178	METTL8

79809	ENSG00000123607	816.439565	0.03264686	0.11958538	0.77460223	0.89613481	TTC21B
9111	ENSG00000123609	0.15069912	-0.01848503	0.38480575	0.84537521	NA	NMI
7130	ENSG00000123610	182.741623	-0.09741593	0.1655413	0.5129569	0.72818152	TNFAIP6
130399	ENSG00000123612	8.05533593	-0.00707557	0.36421241	0.94824595	0.97876335	ACVR1C
29994	ENSG00000123636	795.399797	0.07669732	0.12951316	0.53096514	0.74257279	BAZ2B
206358	ENSG00000123643	413.688076	0.08369465	0.11607976	0.44987507	0.67340229	SLC36A1
9926	ENSG00000123684	2991.19514	-0.26449447	0.06359676	2.40E-05	0.00021136	LPGAT1
55509	ENSG00000123685	11.7145671	1.45390006	0.87384172	0.00410766	0.01972792	BATF3
50486	ENSG00000123689	23.9688854	-0.27606664	0.35676414	0.19913241	0.40359455	G0S2
3759	ENSG00000123700	7.08512819	3.62934626	1.35682515	0.00072554	0.00446349	KCNJ2
57826	ENSG00000123728	585.097648	-0.26723397	0.11380725	0.01362008	0.05341418	RAP2C
5393	ENSG00000123737	842.795156	0.16520947	0.10209304	0.09291305	0.23587906	EXOSC9
81579	ENSG00000123739	650.245827	-0.08626001	0.10750568	0.40223436	0.63040759	PLA2G12A
80776	ENSG00000123810	53.2590572	-0.11363319	0.25513215	0.55464043	0.76057964	B9D2
79934	ENSG00000123815	673.537731	0.16680818	0.10533637	0.09908733	0.24762471	COQ8B
5208	ENSG00000123836	226.989207	-0.08408044	0.20088023	0.62166257	0.80692086	PFKFB2
722	ENSG00000123838	0	NA	NA	NA	NA	C4BPA
725	ENSG00000123843	0	NA	NA	NA	NA	C4BPB
NA	ENSG00000123870	61.6532559	-0.22344078	0.33235036	0.27446787	0.49825626	ZNF137P
23682	ENSG00000123892	12.9250034	2.65865249	0.84856758	0.00010512	0.00079605	RAB38
10888	ENSG00000123901	1.46441736	0.02130092	0.37800852	0.77960751	NA	GPR83
27161	ENSG00000123908	3322.1343	-0.07718879	0.06804123	0.24785532	0.46694991	AGO2
10608	ENSG00000123933	1901.80471	0.0236223	0.08308401	0.77193773	0.89538192	MXD4
NA	ENSG00000123965	10.8967658	-0.01540309	0.33757854	0.92248496	0.96749493	PMS2P5
1164	ENSG00000123975	1193.81371	0.17937559	0.09849488	0.05923833	0.16954535	CKS2
164781	ENSG00000123977	0	NA	NA	NA	NA	DAW1
2181	ENSG00000123983	1750.8466	-0.56217945	0.07488944	2.06E-14	5.34E-13	ACSL3
79586	ENSG00000123989	1220.83793	-0.57532352	0.08890311	3.06E-11	6.18E-10	CHPF
23549	ENSG00000123992	475.706267	0.17613492	0.12386849	0.13233561	0.30543724	DNPEP
3623	ENSG00000123999	8.04318878	0.07164053	0.3656025	0.59566534	0.78816266	INHA
116255	ENSG00000124003	5.23483775	0.16880368	0.40828061	0.21789575	0.42968409	MOGAT1
23363	ENSG00000124006	2624.08663	0.06936702	0.06187506	0.25779934	0.47908756	OBSL1
79843	ENSG00000124019	2.81137807	0.22351985	0.48220921	0.00514577	0.02380881	FAM124B
6560	ENSG00000124067	616.964769	0.52773803	0.13927871	5.29E-05	0.00042979	SLC12A4
84080	ENSG00000124074	424.824752	0.02069018	0.11269993	0.84876086	0.93128058	ENKD1
4159	ENSG00000124089	0.37844916	0.02407552	0.3854191	0.60038877	NA	MC3R
140687	ENSG00000124091	1.84581566	0.02980015	0.37601244	0.73423608	NA	GCNT7
140690	ENSG00000124092	0	NA	NA	NA	NA	CTCFL

NA	ENSG00000124097	1.68525324	0.03526429	0.37865048	0.65853274	NA	HMGB1P1
116151	ENSG00000124098	2611.39881	0.07444729	0.06838574	0.26874802	0.49165152	FAM210B
5266	ENSG00000124102	0	NA	NA	NA	NA	PI3
200232	ENSG00000124103	0	NA	NA	NA	NA	FAM209A
90203	ENSG00000124104	428.173197	-0.36297756	0.13944179	0.0050778	0.02353273	SNX21
6590	ENSG00000124107	0	NA	NA	NA	NA	SLPI
140686	ENSG00000124116	0.65185969	0.01369813	0.38247831	0.70831419	NA	WFDC3
79183	ENSG00000124120	819.817877	-0.44545884	0.10110449	4.85E-06	4.90E-05	TTPAL
57580	ENSG00000124126	505.058007	0.20615661	0.10659797	0.04372711	0.13419116	PREX1
3787	ENSG00000124134	12.1820403	-1.522812	0.84528364	0.00316549	0.01583813	KCNS1
57468	ENSG00000124140	78.888045	-0.42103924	0.26592951	0.04363551	0.13397223	SLC12A5
343578	ENSG00000124143	2.63783925	-0.02348306	0.37526965	0.78357384	0.9014745	ARHGAP40
6385	ENSG00000124145	285.580738	1.20805264	0.16140916	7.61E-15	2.04E-13	SDC4
8202	ENSG00000124151	657.738991	-0.17042447	0.1004862	0.07813958	0.20773003	NCOA3
51604	ENSG00000124155	1782.20114	0.10680013	0.06747003	0.10813771	0.26372861	PIGT
6407	ENSG00000124157	0	NA	NA	NA	NA	SEMG2
8785	ENSG00000124159	0.16735865	0.01897177	0.38482933	0.78225479	NA	MATN4
57727	ENSG00000124160	1134.25418	-0.2011679	0.09120014	0.02285265	0.08105052	NCOA5
9217	ENSG00000124164	1546.72737	-0.07844031	0.10935623	0.45264543	0.67593598	VAPB
84612	ENSG00000124171	78.1818345	-0.0340734	0.22760812	0.85161306	0.93275912	PARD6B
514	ENSG00000124172	2966.42782	-0.09644319	0.06721301	0.14619551	0.32701731	ATP5F1E
84181	ENSG00000124177	2434.25573	0.30177147	0.07932483	9.81E-05	0.00074952	CHD6
5335	ENSG00000124181	6281.18725	-0.17598421	0.05397065	0.00097001	0.00576025	PLCG1
84969	ENSG00000124191	1459.70047	0.03557333	0.08178806	0.65685384	0.82968692	TOX2
6431	ENSG00000124193	5701.90035	-0.00631512	0.05315665	0.90391767	0.95803483	SRSF6
78997	ENSG00000124194	610.482415	-2.5495838	0.13294473	3.46E-83	7.39E-81	GDAP1L1
149699	ENSG00000124196	0	NA	NA	NA	NA	GTSF1L
10564	ENSG00000124198	1006.50004	-0.10939763	0.08498876	0.1862925	0.38596943	ARFGEF2
57169	ENSG00000124201	483.165995	-0.09265025	0.10640381	0.364017	0.59381904	ZNFX1
128611	ENSG00000124203	0.35660095	0.02381648	0.38538097	0.6140575	NA	ZNF831
1908	ENSG00000124205	9.16108682	4.12434866	1.30089863	0.00019524	0.00139235	EDN3
1434	ENSG00000124207	2781.33811	-0.34055481	0.0875397	6.15E-05	0.00049262	CSE1L
387522	ENSG00000124208	23.8278064	-0.04767157	0.38517263	0.41225321	0.64004254	PEDS1-UBE2V1
57403	ENSG00000124209	713.995291	0.0238281	0.10741564	0.81818984	0.9171248	RAB22A
5740	ENSG00000124212	176.184888	0.03661409	0.19224105	0.82733723	0.92189669	PTGIS
6780	ENSG00000124214	2762.29703	-0.19880276	0.06271686	0.00129397	0.00737925	STAU1
60437	ENSG00000124215	7.68492129	0.04619994	0.3619717	0.72149326	0.86709971	CDH26
6615	ENSG00000124216	55.1922062	1.08463423	0.33020707	0.00010186	0.0007737	SNAI1

27304	ENSG00000124217	334.133374	-0.22527303	0.14471956	0.09167439	0.23381152	MOCS3
8675	ENSG00000124222	2131.46323	0.18949908	0.06931484	0.00540855	0.02488478	STX16
NA	ENSG00000124224	202.910519	0.51904713	0.19510626	0.00260912	0.01345957	PPP4R1L
56937	ENSG00000124225	1198.59762	-0.78469441	0.08234515	3.14E-22	1.31E-20	PMEPA1
55905	ENSG00000124226	1182.88272	0.0827649	0.08253848	0.30501982	0.53238261	RNF114
140731	ENSG00000124227	0	NA	NA	NA	NA	ANKRD60
55661	ENSG00000124228	1516.662	0.16191234	0.07025558	0.01909847	0.07019518	DDX27
11317	ENSG00000124232	0	NA	NA	NA	NA	RBPJL
6406	ENSG00000124233	0	NA	NA	NA	NA	SEMG1
128602	ENSG00000124237	0	NA	NA	NA	NA	C20orf85
55653	ENSG00000124243	115.394696	-0.03717637	0.21375866	0.83274741	0.92398124	BCAS4
60598	ENSG00000124249	26.3955039	-0.07402903	0.29551296	0.69892862	0.8548268	KCNK15
27296	ENSG00000124251	15.3957272	-0.07430531	0.33365904	0.66895109	0.83720078	TP53TG5
5105	ENSG00000124253	0.173733	0.01914545	0.38484597	0.78225479	NA	PCK1
81030	ENSG00000124256	0	NA	NA	NA	NA	ZBP1
140825	ENSG00000124257	68.3802414	0.29229471	0.25722198	0.14526907	0.32577579	NEURL2
4109	ENSG00000124260	8.04563358	-0.93437286	2.24210584	0.01005368	0.04164195	MAGEA10
4552	ENSG00000124275	326.895727	-0.1199131	0.17842461	0.44591996	0.67028199	MTRR
79072	ENSG00000124279	152.063375	-0.47429841	0.2353495	0.01529827	0.05854681	FASTKD3
5184	ENSG00000124299	1187.04598	-0.00368416	0.08467844	0.96399512	0.9857573	PEPD
64377	ENSG00000124302	81.7422249	-0.63571903	0.34607206	0.01233825	0.04936867	CHST8
23096	ENSG00000124313	125.341359	0.5576402	0.20646424	0.00205975	0.01097354	IQSEC2
6845	ENSG00000124333	741.502823	-0.13368765	0.09240384	0.13421258	0.30845623	VAMP7
3581	ENSG00000124334	1.84080832	0.02124037	0.37829173	0.77649847	NA	IL9R
7499	ENSG00000124343	0	NA	NA	NA	NA	XG
100132596	ENSG00000124343	0	NA	NA	NA	NA	XG
10617	ENSG00000124356	1420.31869	0.00172443	0.07891597	0.98265553	0.99428951	STAMBP
55577	ENSG00000124357	595.587312	0.25065181	0.10733877	0.0147542	0.05690577	NAGK
84693	ENSG00000124370	72.4548769	0.23822029	0.25124641	0.22513984	0.43895189	MCEE
400961	ENSG00000124374	232.06362	0.00121269	0.14659613	0.99518692	0.99852582	PAIP2B
11017	ENSG00000124380	527.491101	-0.39705354	0.11924314	0.00044719	0.0029291	SNRNP27
10199	ENSG00000124383	656.579426	-0.18836212	0.10887091	0.07027492	0.19207251	MPHOSPH10
27189	ENSG00000124391	0.51556888	0.03113434	0.38605466	0.47762515	NA	IL17C
NA	ENSG00000124399	0	NA	NA	NA	NA	NDUFB4P12
10396	ENSG00000124406	2017.32468	-0.22868491	0.0910347	0.00952092	0.03985969	ATP8A1
23326	ENSG00000124422	10468.7945	-0.12138273	0.04866807	0.01187889	0.04786922	USP22
79983	ENSG00000124429	2.73765988	0.0789101	0.38126945	0.44663934	0.67085506	POF1B
64344	ENSG00000124440	467.003251	3.35228864	0.48304986	1.88E-13	4.51E-12	HIF3A

79177	ENSG00000124444	182.97946	-0.03759274	0.17566357	0.8088941	0.91334153	ZNF576
56269	ENSG00000124449	0	NA	NA	NA	NA	IRGC
7596	ENSG00000124459	694.672715	-0.2349045	0.10765948	0.02250767	0.08005423	ZNF45
27076	ENSG00000124466	3.35807478	0.10359202	0.3902883	0.31423552	0.54212505	LYPD3
440533	ENSG00000124467	0	NA	NA	NA	NA	PSG8
1088	ENSG00000124469	0	NA	NA	NA	NA	CEACAM8
4693	ENSG00000124479	2.68546129	0.13276317	0.41139336	0.09225466	0.23483865	NDP
8239	ENSG00000124486	2923.56111	-0.1933707	0.06775163	0.00374605	0.01825637	USP9X
7180	ENSG00000124490	0	NA	NA	NA	NA	CRISP2
2162	ENSG00000124491	0	NA	NA	NA	NA	F13A1
2914	ENSG00000124493	2.38246573	-0.14361402	0.41496076	0.09906832	NA	GRM4
55809	ENSG00000124496	721.871213	-0.15609429	0.09297409	0.08298581	0.21726558	TRERF1
29993	ENSG00000124507	37.1674571	-0.9015694	0.45067728	0.00439065	0.02088982	PACSIN1
10385	ENSG00000124508	450.769962	0.1374312	0.11802876	0.22087011	0.43326706	BTN2A2
23408	ENSG00000124523	283.079508	-0.03045312	0.15862725	0.83257752	0.92392457	SIRT5
57380	ENSG00000124532	668.618528	-0.09241921	0.11491927	0.39821578	0.62727695	MRS2
56897	ENSG00000124535	1211.90486	-0.20825888	0.07750804	0.00598084	0.02709036	WRNIP1
88745	ENSG00000124541	862.851039	-0.29957031	0.09375997	0.00095254	0.00567859	RRP36
54718	ENSG00000124549	110.44635	0.43312801	0.24886571	0.03162344	0.10460523	BTN2A3P
696	ENSG00000124557	16.5698707	-0.3544768	0.45844721	0.11036535	0.2677814	BTN1A1
6631	ENSG00000124562	1498.85546	-0.17404815	0.08324669	0.0319255	0.10535628	SNRPC
10786	ENSG00000124564	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SLC17A3
6568	ENSG00000124568	0	NA	NA	NA	NA	SLC17A1
5269	ENSG00000124570	1326.70571	-0.10265351	0.08602681	0.22046275	0.43280124	SERPIN6
57510	ENSG00000124571	2818.40019	0.00995903	0.07297062	0.89037588	0.95232275	XPO5
89845	ENSG00000124574	644.370679	0.3011675	0.11511681	0.00595668	0.02700795	ABCC10
3007	ENSG00000124575	1.78985855	-0.03402492	0.37658058	0.69541495	NA	H1-3
5190	ENSG00000124587	673.959337	0.12020366	0.10905201	0.2499815	0.46975118	PEX6
4835	ENSG00000124588	103.178768	0.36109406	0.22305474	0.05258135	0.15473361	NQO2
NA	ENSG00000124593	304.08001	0.41813427	0.15445449	0.00318516	0.01591777	
221443	ENSG00000124596	438.63712	-0.15678503	0.11741205	0.15977532	0.34735289	OARD1
222643	ENSG00000124602	35.0979517	0.64586689	0.44633083	0.02159271	0.07741223	UNC5CL
57505	ENSG00000124608	1129.24192	0.00147933	0.09065325	0.98740439	0.9958875	AARS2
3024	ENSG00000124610	0	NA	NA	NA	NA	H1-1
346157	ENSG00000124613	207.067703	0.26865744	0.18585008	0.09942458	0.24822342	ZNF391
6204	ENSG00000124614	8308.75052	-0.09584436	0.0562675	0.08518418	0.2214571	RPS10
4337	ENSG00000124615	274.495763	-0.2569289	0.1403296	0.04838921	0.14519692	MOCS1
8970	ENSG00000124635	16.1255624	-0.19016856	0.35872489	0.32374629	0.55153069	H2BC11

9477	ENSG00000124641	437.013864	0.09359506	0.12648215	0.43350255	0.65875388	MED20
26212	ENSG00000124657	0.65897915	0.00113328	0.38189975	0.97955736	NA	OR2B6
6903	ENSG00000124659	360.779738	0.03389136	0.11924075	0.76635335	0.8924999	TBCC
25803	ENSG00000124664	4.06533206	0.09590584	0.37986199	0.42883852	0.65462623	SPDEF
6954	ENSG00000124678	0.30139824	-0.02296476	0.38527817	0.68536535	NA	TCP11
9587	ENSG00000124688	401.222093	-0.27005682	0.12244904	0.01946463	0.07138231	MAD2L1BP
10930	ENSG00000124701	3.57997077	0.10929309	0.38779649	0.34150039	0.57180671	APOBEC2
116138	ENSG00000124702	3536.93288	-0.01341981	0.05751391	0.80687808	0.91256903	KLHDC3
27232	ENSG00000124713	23.250565	0.45451499	0.46369676	0.07043792	0.192412	GNMT
107080644	ENSG00000124713	23.250565	0.45451499	0.46369676	0.07043792	0.192412	GNMT
1769	ENSG00000124721	2.92903275	0.13075912	0.41300137	0.06974479	0.19093923	DNAH8
54210	ENSG00000124731	0	NA	NA	NA	NA	TREM1
4201	ENSG00000124733	1029.89182	-0.10558969	0.09285066	0.24030961	0.45826053	MEA1
401265	ENSG00000124743	11.9416035	-8.96E-06	0.33683567	0.9978509	0.99926338	KLHL31
81578	ENSG00000124749	0.16735865	0.01897177	0.38482933	0.78225479	NA	COL21A1
1026	ENSG00000124762	726.915665	0.86846088	0.10398599	1.12E-17	3.63E-16	CDKN1A
6659	ENSG00000124766	11033.4505	0.3090284	0.04726132	4.31E-11	8.61E-10	SOX4
2739	ENSG00000124767	2446.84408	0.15627506	0.07954362	0.04456118	0.13608807	GLO1
57699	ENSG00000124772	4.10910488	-0.19247522	0.43216481	0.12335197	0.29097102	CPNE5
89822	ENSG00000124780	0.34746601	0.02370763	0.3853651	0.61987128	NA	KCNK17
6239	ENSG00000124782	244.537069	1.89183531	0.19864458	1.06E-22	4.54E-21	RREB1
6745	ENSG00000124783	1102.50738	-0.0642419	0.10235354	0.51403177	0.72918564	SSR1
83732	ENSG00000124784	915.337039	0.00343079	0.0879862	0.96892461	0.98835292	RIOK1
51299	ENSG00000124785	158.258629	0.05010065	0.1799661	0.75403211	0.8852593	NRN1
51000	ENSG00000124786	210.395732	0.0441866	0.16392806	0.76426364	0.89148768	SLC35B3
10799	ENSG00000124787	77.018627	0.06396273	0.25524673	0.74008096	0.87734262	RPP40
6310	ENSG00000124788	119.920023	1.44272068	0.38508828	1.15E-05	0.00010831	ATXN1
9972	ENSG00000124789	2158.45009	-0.24638924	0.06680038	0.00017566	0.00126363	NUP153
7913	ENSG00000124795	3858.2574	-0.35866294	0.06278747	6.71E-09	1.03E-07	DEK
9521	ENSG00000124802	301.000847	-0.28855896	0.15166231	0.03784997	0.12049799	EEF1E1
167	ENSG00000124812	0	NA	NA	NA	NA	CRISP1
860	ENSG00000124813	0.72074055	-0.03017113	0.38526582	0.62254501	NA	RUNX2
221391	ENSG00000124818	0	NA	NA	NA	NA	OPN5
9247	ENSG00000124827	0.99556546	0.02989887	0.38202549	0.61540303	NA	GCM2
9208	ENSG00000124831	1331.80945	-0.2213546	0.09350155	0.0144077	0.05578625	LRRFIP1
93463	ENSG00000124835	1.03885373	0.07430075	0.39365123	0.15225457	NA	
64284	ENSG00000124839	2.16125305	0.00030064	0.3742673	0.99861695	NA	RAB17
6372	ENSG00000124875	0	NA	NA	NA	NA	CXCL6

2069	ENSG00000124882	0.15069912	-0.01848503	0.38480575	0.84537521	NA	EREG
84767	ENSG00000124900	0	NA	NA	NA	NA	TRIM51
26070	ENSG00000124915	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MYRF-AS1
745	ENSG00000124920	287.860345	1.01710708	0.14747941	6.89E-13	1.59E-11	MYRF
10647	ENSG00000124935	0	NA	NA	NA	NA	SCGB1D2
4246	ENSG00000124939	0	NA	NA	NA	NA	SCGB2A1
79026	ENSG00000124942	685.366807	3.55891435	0.13924581	2.98E-145	2.11E-142	AHNAK
55831	ENSG00000125037	571.905876	0.00838207	0.10852342	0.93701757	0.97351594	EMC3
51066	ENSG00000125046	102.142908	-0.82855352	0.27549673	0.00038497	0.00255785	SSUH2
7471	ENSG00000125084	0	NA	NA	NA	NA	WNT1
54436	ENSG00000125089	204.373156	-1.14539667	0.24596815	3.14E-07	3.88E-06	SH3TC1
23019	ENSG00000125107	4620.25619	-0.1142016	0.0950153	0.21389804	0.42407686	CNOT1
26231	ENSG00000125122	29.1902449	0.11072843	0.31109228	0.56814408	0.76919502	LRRC29
583	ENSG00000125124	767.840515	0.20385362	0.09872445	0.03235801	0.10653394	BBS2
4495	ENSG00000125144	0.53474877	0.0320676	0.38614822	0.46394167	NA	MT1G
4502	ENSG00000125148	176.995179	0.86741039	0.19604797	1.49E-06	1.64E-05	MT2A
80262	ENSG00000125149	413.92738	-0.10849338	0.12451097	0.35590825	0.58600518	C16orf70
2806	ENSG00000125166	2328.33714	-0.21712155	0.07126602	0.00189919	0.01022801	GOT2
55715	ENSG00000125170	3042.91025	-0.91061545	0.06133386	1.15E-50	1.17E-48	DOK4
9271	ENSG00000125207	258.517386	0.40900769	0.15688752	0.00440136	0.02093073	PIWIL1
2841	ENSG00000125245	0.47262548	-0.02840375	0.38580526	0.54352804	NA	GPR18
171425	ENSG00000125246	99.3246645	0.60613858	0.24365978	0.0031579	0.01580543	CLYBL
84899	ENSG00000125247	1167.36342	-0.00201415	0.08605749	0.97953667	0.99317507	TMTC4
5911	ENSG00000125249	1156.80197	-0.47460592	0.08417727	7.40E-09	1.13E-07	RAP2A
6555	ENSG00000125255	0	NA	NA	NA	NA	SLC10A2
10257	ENSG00000125257	633.807716	-0.71986446	0.10595032	2.45E-12	5.44E-11	ABCC4
1948	ENSG00000125266	2814.47463	1.43469151	0.07429346	4.19E-84	9.03E-82	EFNB2
11166	ENSG00000125285	0.81937543	-0.04649727	0.38803309	0.31234927	NA	SOX21
9375	ENSG00000125304	2077.24121	0.0898535	0.0639248	0.1541342	0.33936549	TM9SF2
78995	ENSG00000125319	140.425827	-0.32470198	0.20405344	0.06266585	0.1771069	HROB
3834	ENSG00000125337	10.6896127	-0.03844252	0.34462752	0.80414018	0.91109252	KIF25
3659	ENSG00000125347	67.1691869	1.25245958	0.44549291	0.00032439	0.00219428	IRF1
65109	ENSG00000125351	752.039936	-0.09453899	0.09346476	0.2963931	0.52297409	UPF3B
7737	ENSG00000125352	193.66401	-0.11237199	0.15750831	0.43318733	0.65852706	RNF113A
23157	ENSG00000125354	4077.46391	-0.15953409	0.06018146	0.00724681	0.03180197	SEPTIN6
55026	ENSG00000125355	3.9047523	0.14452693	0.41055969	0.15989758	0.34750443	TMEM255A
4694	ENSG00000125356	622.704936	-0.20101993	0.1014795	0.03943057	0.12409621	NDUFA1
265	ENSG00000125363	0	NA	NA	NA	NA	AMELX

27109	ENSG00000125375	124.94955	-0.32895238	0.23136009	0.08191912	0.21504039	DMAC2L
652	ENSG00000125378	1.70717773	0.09098026	0.39488702	0.18213239	NA	BMP4
5732	ENSG00000125384	390.367692	7.44255427	0.39907672	1.13E-76	2.16E-74	PTGER2
NA	ENSG00000125385	0	NA	NA	NA	NA	RPL32P21
8603	ENSG00000125386	976.067992	-0.09372316	0.08295676	0.24654133	0.46577702	FAM193A
2868	ENSG00000125388	168.802669	-0.00721049	0.17055678	0.96118847	0.98419142	GRK4
6662	ENSG00000125398	65.4796472	1.42206037	0.30523759	2.61E-07	3.26E-06	SOX9
64518	ENSG00000125409	5.32952314	0.10197884	0.37873508	0.42568165	0.65149487	TEKT3
4620	ENSG00000125414	0	NA	NA	NA	NA	MYH2
9953	ENSG00000125430	0.16735865	0.01897177	0.38482933	0.78225479	NA	HS3ST3B1
399512	ENSG00000125434	128.250619	0.50686734	0.21851736	0.00677659	0.03009552	SLC25A35
51081	ENSG00000125445	1323.69377	-0.08854894	0.07414639	0.22310703	0.43623174	MRPS7
23163	ENSG00000125447	1513.75516	-0.00991768	0.08219118	0.90106901	0.95641534	GGA3
79637	ENSG00000125449	330.552874	0.09654944	0.13162456	0.43515355	0.66040284	ARMC7
79902	ENSG00000125450	948.335268	0.10762408	0.1119228	0.31493063	0.5427103	NUP85
60386	ENSG00000125454	287.459813	-0.11360032	0.1383574	0.37731408	0.6061395	SLC25A19
57409	ENSG00000125457	379.618903	-0.10195669	0.13887161	0.43003118	0.65568848	MIF4GD
30833	ENSG00000125458	884.190383	0.17875288	0.09179159	0.04464461	0.13629004	NT5C
55154	ENSG00000125459	1035.25	0.22334936	0.09611377	0.016207	0.06143205	MSTO1
10485	ENSG00000125462	492.32162	-0.33192921	0.12504891	0.00485716	0.02266901	MIR9-1HG
7270	ENSG00000125482	627.544307	-0.13564026	0.11041781	0.1981906	0.4024257	TTF1
9329	ENSG00000125484	1876.83317	-0.32783817	0.07180617	3.21E-06	3.34E-05	GTF3C4
64794	ENSG00000125485	526.094315	0.04865898	0.12500676	0.68125899	0.84428624	DDX31
56751	ENSG00000125492	0	NA	NA	NA	NA	BARHL1
3802	ENSG00000125498	0	NA	NA	NA	NA	KIR2DL1
54776	ENSG00000125503	1073.20122	0.09546881	0.09786081	0.31333838	0.54126787	PPP1R12C
79143	ENSG00000125505	989.979256	0.22666575	0.10299811	0.02202608	0.07871129	MBOAT7
6725	ENSG00000125508	8.85594361	0.04999735	0.35082729	0.74290881	0.87875221	SRMS
4987	ENSG00000125510	171.154617	0.29094938	0.18856102	0.07775724	0.20704652	OPRL1
NA	ENSG00000125514	0	NA	NA	NA	NA	LINC00029
56731	ENSG00000125520	857.62006	0.28861449	0.09981776	0.0026833	0.01378119	SLC2A4RG
2832	ENSG00000125522	0.30139824	-0.02296476	0.38527817	0.68536535	NA	NPBWR2
79025	ENSG00000125531	86.0089347	0.68096469	0.28129898	0.00299567	0.01510396	FNDC11
128408	ENSG00000125533	0	NA	NA	NA	NA	BHLHE23
79144	ENSG00000125534	2097.09139	0.14012052	0.07186189	0.04708386	0.14207511	PPDPF
3553	ENSG00000125538	0.16735865	0.01897177	0.38482933	0.78225479	NA	IL1B
5342	ENSG00000125551	92.5746393	0.05962149	0.21977337	0.74270655	0.87875221	PLGLB2
27178	ENSG00000125571	0	NA	NA	NA	NA	IL37

84269	ENSG00000125611	257.106172	0.15361369	0.15976481	0.29026212	0.51620656	CHCHD5
7849	ENSG00000125618	0.33656195	-0.00108945	0.38336593	0.99872987	NA	PAX8
51141	ENSG00000125629	398.175153	0.09314469	0.13580206	0.46396277	0.68678459	INSIG2
84172	ENSG00000125630	2154.74509	-0.08982315	0.10806201	0.38525847	0.61433274	POLR1B
NA	ENSG00000125631	0.50604797	0.01474136	0.3830919	0.74769424	NA	HTR5BP
54520	ENSG00000125633	1706.34852	0.14591019	0.09551181	0.11449257	0.27537066	CCDC93
23550	ENSG00000125637	10.3488325	0.20472821	0.41644236	0.19060034	0.39194762	PSD4
79085	ENSG00000125648	1098.60067	-0.17339226	0.0975327	0.06539321	0.18250124	SLC25A23
5623	ENSG00000125650	79.2761926	0.2887925	0.24950849	0.1433231	0.32257859	PSPN
2962	ENSG00000125651	2279.35934	0.01389924	0.07195274	0.84481522	0.92965052	GTF2F1
84266	ENSG00000125652	374.561046	-0.12515418	0.12196852	0.27810662	0.50258055	ALKBH7
8192	ENSG00000125656	1089.85734	-0.07650301	0.08645204	0.36377654	0.59354103	CLPP
8744	ENSG00000125657	2.64513933	0.06786231	0.3824027	0.45144478	0.67474853	TNFSF9
2892	ENSG00000125675	16.910799	1.14629082	1.00045294	0.00882253	0.03740949	GRIA3
57187	ENSG00000125676	2296.42043	0.12731342	0.07967532	0.10128975	0.25167045	THOC2
5469	ENSG00000125686	2232.53622	-0.16537906	0.07400881	0.02254739	0.0801685	MED1
9349	ENSG00000125691	15831.5886	-0.00368887	0.04939516	0.93940098	0.97474024	RPL23
NA	ENSG00000125695	0	NA	NA	NA	NA	
84938	ENSG00000125703	207.081796	-0.02650834	0.16714537	0.85896315	0.93718813	ATG4C
970	ENSG00000125726	0	NA	NA	NA	NA	CD70
718	ENSG00000125730	0	NA	NA	NA	NA	C3
10045	ENSG00000125731	7.93118069	0.85811982	1.7482914	0.01332497	0.05247466	SH2D3A
9322	ENSG00000125733	452.130311	0.41969031	0.14902704	0.00228661	0.01200804	TRIP10
56927	ENSG00000125734	545.934372	0.54924424	0.10820345	1.33E-07	1.74E-06	GPR108
8740	ENSG00000125735	0	NA	NA	NA	NA	TNFSF14
2354	ENSG00000125740	275.814582	6.0876067	0.56667602	2.34E-28	1.27E-26	FOSB
80207	ENSG00000125741	582.012627	-0.0156512	0.12957864	0.89613788	0.95469109	OPA3
6633	ENSG00000125743	3784.02271	-0.03965122	0.05815641	0.53437303	0.74551445	SNRPD2
6253	ENSG00000125744	938.253978	-1.08061806	0.08957802	1.97E-34	1.30E-32	RTN2
24139	ENSG00000125746	322.352115	0.06843284	0.13944208	0.59875663	0.79005929	EML2
7408	ENSG00000125753	466.905661	0.66355596	0.16644581	1.60E-05	0.00014659	VASP
8189	ENSG00000125755	2688.39969	0.06465996	0.06176585	0.29136622	0.51742125	SYMPK
56261	ENSG00000125772	312.553269	0.19337508	0.14974124	0.16038593	0.34822247	GPCPD1
27111	ENSG00000125775	23.7268173	0.16799171	0.32788327	0.39660281	0.6258107	SDCBP2
80025	ENSG00000125779	859.932332	-0.17417123	0.08991053	0.04519261	0.13762417	PANK2
7053	ENSG00000125780	0.33471731	0.02354391	0.38534154	0.62842204	NA	TGM3
2797	ENSG00000125787	2.96826605	-0.00830598	0.37188832	0.92811932	0.96985158	GNRH2
81623	ENSG00000125788	0	NA	NA	NA	NA	DEFB126

3170	ENSG00000125798	0	NA	NA	NA	NA	FOXA2
284800	ENSG00000125804	12.5026294	0.0619887	0.33856036	0.71328965	0.86190557	FAM182A
22918	ENSG00000125810	0	NA	NA	NA	NA	CD93
64412	ENSG00000125812	447.512453	-0.11599504	0.19096667	0.48271232	0.70315803	GZF1
5075	ENSG00000125813	0	NA	NA	NA	NA	PAX1
63908	ENSG00000125814	573.357561	-0.59083069	0.11654612	1.20E-07	1.57E-06	NAPB
10047	ENSG00000125815	0	NA	NA	NA	NA	CST8
644524	ENSG00000125816	0	NA	NA	NA	NA	NKX2-4
1059	ENSG00000125817	1939.14134	-0.4812186	0.0667106	2.30E-13	5.44E-12	CENPB
9491	ENSG00000125818	1273.78253	0.0357574	0.07548263	0.6295973	0.8124371	PSMF1
4821	ENSG00000125820	0	NA	NA	NA	NA	NKX2-2
92675	ENSG00000125821	824.21087	0.11834346	0.09399395	0.19399155	0.39683151	DTD1
128817	ENSG00000125823	0	NA	NA	NA	NA	CSTL1
10616	ENSG00000125826	1274.20558	0.08579165	0.08790999	0.31622748	0.54428326	RBCK1
56255	ENSG00000125827	1740.34121	-0.26016771	0.07287909	0.0002695	0.00185783	TMX4
140880	ENSG00000125831	0	NA	NA	NA	NA	CST11
140901	ENSG00000125834	890.082305	-0.04873559	0.08773083	0.56325154	0.76608585	STK35
6628	ENSG00000125835	5016.33246	0.11392433	0.07015756	0.09862105	0.24670807	SNRPB
80023	ENSG00000125841	1302.26265	-0.14557493	0.0817118	0.06911833	0.18966912	NRSN2
55317	ENSG00000125843	185.038829	-0.15326365	0.18824814	0.34951813	0.58004303	AP5S1
6238	ENSG00000125844	806.295017	0.2071236	0.10471615	0.03937822	0.12401014	RRBP1
650	ENSG00000125845	7.3953478	4.55754405	1.5356558	0.00014651	0.00107297	BMP2
7692	ENSG00000125846	415.23004	0.00939256	0.12946974	0.93950689	0.97474024	ZNF133
23767	ENSG00000125848	480.810901	0.0896319	0.13297916	0.4757038	0.69776455	FLRT3
58495	ENSG00000125850	0	NA	NA	NA	NA	OVOL2
5126	ENSG00000125851	0	NA	NA	NA	NA	PCSK2
64096	ENSG00000125861	0	NA	NA	NA	NA	GFRA4
8195	ENSG00000125863	777.486674	-0.01119283	0.09527299	0.90279654	0.95739939	MKKS
631	ENSG00000125864	7.47984673	0.14942377	0.3863313	0.32443085	0.55221149	BFSP1
11034	ENSG00000125868	1349.82371	-0.23402113	0.08095996	0.00304234	0.015312	DSTN
24141	ENSG00000125869	2202.55792	-0.53618431	0.06910661	3.15E-15	8.80E-14	LAMP5
6629	ENSG00000125870	2393.23647	-0.95801466	0.06314533	7.94E-53	8.43E-51	SNRPB2
92667	ENSG00000125871	642.159726	0.00324678	0.1097219	0.97696665	0.99216924	MGME1
164312	ENSG00000125872	0.49492041	0.01127072	0.38337735	0.78451667	NA	LRRN4
128637	ENSG00000125875	1041.73863	-0.11604882	0.08595855	0.16556297	0.35564848	TBC1D20
3704	ENSG00000125877	985.94097	0.01926586	0.08461913	0.81614608	0.91637704	ITPA
6939	ENSG00000125878	82.0242856	-0.76436512	0.28014914	0.00103324	0.0060739	TCF15
56914	ENSG00000125879	211.169707	-3.55504655	0.23077455	1.59E-54	1.80E-52	OTOR

84515	ENSG00000125885	1347.09337	-0.00895423	0.08708916	0.91602071	0.96435405	MCM8
140836	ENSG00000125888	0	NA	NA	NA	NA	BANF2
55321	ENSG00000125895	71.694115	0.55317398	0.29350886	0.01523449	0.05837164	TMEM74B
83541	ENSG00000125898	333.957025	-0.29823928	0.14871764	0.02909606	0.09799113	FAM110A
NA	ENSG00000125899	0	NA	NA	NA	NA	LINC02871
128646	ENSG00000125900	0	NA	NA	NA	NA	SIRPD
64949	ENSG00000125901	1543.70336	0.01807411	0.07569922	0.8083632	0.91317199	MRPS26
140881	ENSG00000125903	0	NA	NA	NA	NA	DEFB129
8698	ENSG00000125910	0	NA	NA	NA	NA	S1PR4
56926	ENSG00000125912	2112.64871	-0.0964729	0.0864257	0.25120394	0.47115582	NCLN
4435	ENSG00000125931	83.3370381	0.83251136	0.27908194	0.00041879	0.00275672	CITED1
10236	ENSG00000125944	6836.9131	0.01903186	0.06290917	0.85031786	0.93221564	HNRNPR
80818	ENSG00000125945	309.513274	-0.04619211	0.12878499	0.70252706	0.85694048	ZNF436
4149	ENSG00000125952	999.792286	-0.18166176	0.12802937	0.13091599	0.30332515	MAX
100529261	ENSG00000125954	21.588102	0.93042163	0.714715	0.01212891	0.04864315	CHURC1-FNTB
64860	ENSG00000125962	171.361427	-0.20871467	0.18579917	0.19894094	0.4033713	ARMCX5
8200	ENSG00000125965	3.89796405	0.14288996	0.4058409	0.20148012	0.40689796	GDF5
10893	ENSG00000125966	901.203606	-3.02498867	0.11083662	3.18E-165	3.71E-162	MMP24
63941	ENSG00000125967	306.614823	0.03844558	0.15713152	0.7896001	0.9043268	NECAB3
3397	ENSG00000125968	213.547702	-0.08969505	0.1657471	0.54766664	0.75435339	ID1
22913	ENSG00000125970	3746.57006	0.10555094	0.06523378	0.09593679	0.24179191	RALY
83658	ENSG00000125971	1475.74448	0.0324845	0.07892821	0.66959636	0.83747033	DYNLRB1
140873	ENSG00000125975	0.16735865	0.01897177	0.38482933	0.78225479	NA	C20orf173
8894	ENSG00000125977	1799.83781	0.05246254	0.1014693	0.59290773	0.78702605	EIF2S2
51614	ENSG00000125991	3364.05073	0.22943927	0.06060785	0.0001244	0.00092302	ERGIC3
140823	ENSG00000125995	915.368001	-0.03726138	0.09352625	0.68068224	0.84396798	ROMO1
NA	ENSG00000125997	0.60279648	-0.02752712	0.38588313	0.49730371	NA	BPIFB9P
128876	ENSG00000125998	0.5080512	0.03076426	0.38601843	0.48315201	NA	FAM83C
92747	ENSG00000125999	0	NA	NA	NA	NA	BPIFB1
11190	ENSG00000126001	2150.28656	0.00048346	0.07725331	0.99643069	0.99873692	CEP250
5326	ENSG00000126003	1030.68688	0.23026964	0.0826819	0.00429109	0.02048009	PLAGL2
101410538	ENSG00000126005	234.948488	-0.42527942	0.15868349	0.00334827	0.01660326	MMP24OS
2925	ENSG00000126010	4.54894044	-0.1477689	0.40253738	0.23219598	0.44897628	GRPR
8242	ENSG00000126012	4680.26162	0.03077105	0.08132212	0.70019481	0.85541355	KDM5C
154796	ENSG00000126016	316.688162	-0.05762382	0.13504315	0.64807021	0.82447067	AMOT
11070	ENSG00000126062	1285.41518	0.00663263	0.09794345	0.94513263	0.97760447	TMEM115
5690	ENSG00000126067	1636.31147	0.14888372	0.08019224	0.05749109	0.16576416	PSMB2
192669	ENSG00000126070	1190.24013	-0.09552091	0.09999647	0.32145223	0.54914291	AGO3

7389	ENSG00000126088	843.565844	0.15249512	0.08784445	0.0743479	0.20011698	UROD
6487	ENSG00000126091	467.772555	0.30065653	0.12577335	0.01113386	0.04530267	ST3GAL3
79639	ENSG00000126106	119.830618	0.21867465	0.24993316	0.26244566	0.48440989	TMEM53
79654	ENSG00000126107	602.980003	0.31709584	0.11838202	0.00474847	0.02224549	HECTD3
3831	ENSG00000126214	3306.20155	-0.18223827	0.05870731	0.00166118	0.00915749	KLC1
7517	ENSG00000126215	616.366109	-0.23246717	0.11932188	0.0397485	0.12479986	XRCC3
10426	ENSG00000126216	1002.11709	0.01882815	0.08893014	0.8285197	0.92220943	TUBGCP3
23263	ENSG00000126217	1496.34168	-0.15757606	0.08871244	0.06734886	0.18634601	MCF2L
2159	ENSG00000126218	442.480383	0.44013894	0.12301343	0.00015888	0.00115419	F10
55795	ENSG00000126226	1214.70964	0.05106843	0.09232173	0.56963087	0.77027512	PCID2
8858	ENSG00000126231	4.24308067	-0.05793452	0.36834836	0.63494677	0.81626022	PROZ
57152	ENSG00000126233	0	NA	NA	NA	NA	SLURP1
79414	ENSG00000126243	439.020782	0.00858695	0.14857948	0.95140878	0.98008882	LRFN3
79713	ENSG00000126246	55.6792994	-0.11475507	0.28247296	0.55658175	0.76208295	IGFLR1
826	ENSG00000126247	1995.53094	0.30455076	0.06874726	6.50E-06	6.39E-05	CAPNS1
84306	ENSG00000126249	155.597408	-0.31069793	0.17811243	0.0492454	0.14732036	PDCD2L
2866	ENSG00000126251	0	NA	NA	NA	NA	GPR42
79171	ENSG00000126254	1046.20742	0.23306225	0.09193839	0.00889128	0.03763666	RBM42
84063	ENSG00000126259	108.611361	-0.47050604	0.2577739	0.02308729	0.08171822	KIRREL2
10054	ENSG00000126261	3876.14931	-0.09952435	0.05753998	0.07989536	0.21106844	UBA2
2867	ENSG00000126262	0	NA	NA	NA	NA	FFAR2
10870	ENSG00000126264	0.82391088	-0.00162191	0.38069451	0.9775606	NA	HCST
2864	ENSG00000126266	0	NA	NA	NA	NA	FFAR1
1340	ENSG00000126267	1567.05576	-0.00135779	0.06943927	0.98318241	0.99428951	COX6B1
8689	ENSG00000126337	0	NA	NA	NA	NA	KRT36
7067	ENSG00000126351	1192.47998	-0.07307199	0.08361962	0.36996014	0.59928226	THRA
1236	ENSG00000126353	2.02974961	0.13306556	0.41465152	0.05731135	NA	CCR7
9572	ENSG00000126368	79.9324967	0.25174672	0.23777111	0.18833918	0.38882927	NR1D1
83786	ENSG00000126391	610.380983	0.34633568	0.10682007	0.00071513	0.00440625	FRMD8
25824	ENSG00000126432	3805.51385	0.00300309	0.06103421	0.96411037	0.98577354	PRDX5
83596	ENSG00000126453	295.858439	0.9822099	0.15748597	6.08E-11	1.20E-09	BCL2L1
3661	ENSG00000126456	526.786538	-0.11978478	0.13717789	0.34824704	0.5790012	IRF3
3276	ENSG00000126457	5519.1107	0.00170271	0.07436012	0.98254929	0.99428951	PRMT1
6237	ENSG00000126458	87.7089273	1.37351875	0.27669104	5.93E-08	8.05E-07	RRAS
5639	ENSG00000126460	5.43388866	-0.14749742	0.40725319	0.17826838	0.37383412	PRRG2
58506	ENSG00000126461	2550.42549	0.14966668	0.06153385	0.01371986	0.05368874	SCAF1
57479	ENSG00000126464	1631.65521	0.02168369	0.06861082	0.74899385	0.88205755	PRR12
60385	ENSG00000126467	0	NA	NA	NA	NA	TSKS

23769	ENSG00000126500	583.344631	0.11279799	0.11371193	0.29910592	0.52612826	FLRT1
435	ENSG00000126522	409.556046	0.40409585	0.14272122	0.00230755	0.01210196	ASL
51119	ENSG00000126524	847.771244	-0.11165895	0.08563485	0.18087808	0.37795923	SBDS
1446	ENSG00000126545	0	NA	NA	NA	NA	CSN1S1
6779	ENSG00000126549	0	NA	NA	NA	NA	STATH
3346	ENSG00000126550	0	NA	NA	NA	NA	HTN1
6776	ENSG00000126561	9.96039781	-0.35801693	0.56022413	0.06109579	0.17383343	STAT5A
65266	ENSG00000126562	6.35899059	1.0993745	2.0743207	0.01049204	0.04307991	WNK4
8678	ENSG00000126581	782.451862	-0.0202593	0.09075069	0.82203544	0.91867195	BECN1
5582	ENSG00000126583	109.503755	0.76029013	0.29148601	0.00145164	0.00814957	PRKCG
10131	ENSG00000126602	2882.939	-0.11067813	0.06720833	0.09350416	0.23701577	TRAP1
84662	ENSG00000126603	505.710065	-0.10574078	0.1105486	0.31700874	0.54483775	GLIS2
84081	ENSG00000126653	419.983517	-0.18513671	0.11383709	0.08767115	0.22621869	NSRP1
22826	ENSG00000126698	1687.81676	-0.10128443	0.06857665	0.13299096	0.30644076	DNAJC8
27245	ENSG00000126705	1091.88321	0.12513291	0.08299201	0.1221562	0.28896853	AHDC1
2537	ENSG00000126709	218.263498	0.96712892	0.19287994	7.03E-08	9.45E-07	IFI6
117154	ENSG00000126733	0	NA	NA	NA	NA	DACH2
171017	ENSG00000126746	2032.28271	0.21706051	0.06829092	0.00121499	0.00699723	ZNF384
10436	ENSG00000126749	938.206141	-0.05608163	0.08848286	0.5141418	0.72921448	EMG1
6756	ENSG00000126752	0	NA	NA	NA	NA	SSX1
8409	ENSG00000126756	453.338642	-0.06036032	0.11960544	0.59447476	0.7877158	UXT
5199	ENSG00000126759	19.9289739	0.25741648	0.43072869	0.15698057	0.34378031	CFP
2002	ENSG00000126767	681.132049	-0.1622013	0.09765833	0.08518955	0.2214571	ELK1
10245	ENSG00000126768	681.943814	0.18964032	0.09659913	0.04221179	0.13092298	TIMM17B
64430	ENSG00000126773	2311.33945	-0.08969272	0.07913889	0.24618791	0.46544388	PCNX4
22863	ENSG00000126775	367.713189	0.27009518	0.12347517	0.02054116	0.07447673	ATG14
3895	ENSG00000126777	3813.35328	-0.2167232	0.07130963	0.00194039	0.01041314	KTN1
6495	ENSG00000126778	2.73291672	0.17395879	0.44179679	0.00968968	0.0404533	SIX1
57381	ENSG00000126785	0.48241915	0.02941591	0.3858847	0.50463983	NA	RHOJ
9787	ENSG00000126787	1151.71787	-0.25341852	0.10683165	0.01319116	0.05204067	DLGAP5
112849	ENSG00000126790	183.742516	0.2126437	0.16331939	0.14970244	0.33259758	L3HYPDH
3306	ENSG00000126803	271.735471	0.03493122	0.15753586	0.80900489	0.91334153	HSPA2
22890	ENSG00000126804	710.714207	-0.28880357	0.11754845	0.0096008	0.04012637	ZBTB1
57570	ENSG00000126814	553.758308	-0.36437527	0.13779136	0.0045268	0.02139394	TRMT5
81537	ENSG00000126821	269.974325	-0.3613943	0.1490464	0.00845368	0.03610787	SGPP1
26030	ENSG00000126822	984.652921	-0.37667628	0.10662844	0.0002268	0.00159055	PLEKHG3
5858	ENSG00000126838	1.13347067	-0.04696378	0.38740561	0.30427083	NA	PZP
11105	ENSG00000126856	0.46723714	-0.01002979	0.38291395	0.84210182	NA	PRDM7

55288	ENSG00000126858	972.017619	0.00677917	0.10081868	0.94504914	0.97756908	RHOT1
2123	ENSG00000126860	2.30886449	-0.03548369	0.37720263	0.67492142	NA	EVI2A
4974	ENSG00000126861	3.12727196	0.06361256	0.3803864	0.49540157	0.71414424	OMG
101927057	ENSG00000126861	3.12727196	0.06361256	0.3803864	0.49540157	0.71414424	OMG
55112	ENSG00000126870	812.160667	0.5277448	0.09026392	1.87E-09	3.10E-08	DYNC2I1
83543	ENSG00000126878	431.076448	2.0274143	0.1355225	1.07E-51	1.10E-49	AIF1L
286336	ENSG00000126882	231.936617	0.13374583	0.14895821	0.32997135	0.55861736	FAM78A
8021	ENSG00000126883	1722.03632	-0.07235602	0.07843007	0.34542121	0.57589553	NUP214
30848	ENSG00000126890	2.02163866	-0.03460677	0.38110749	0.6058908	NA	CTAG2
554	ENSG00000126895	15.194229	-0.11904183	0.34095378	0.50793074	0.7237561	AVPR2
8273	ENSG00000126903	196.232939	0.05699192	0.16476243	0.70360215	0.85751377	SLC10A3
5605	ENSG00000126934	1813.26613	0.01761941	0.06859916	0.7946998	0.90579008	MAP2K2
3188	ENSG00000126945	2062.93777	0.02703515	0.08678982	0.74998043	0.8824202	HNRNPH2
51309	ENSG00000126947	272.817238	-0.25813095	0.14164477	0.04906569	0.14693784	ARMCX1
59353	ENSG00000126950	238.842731	-0.14040387	0.15150592	0.31191232	0.53958168	TMEM35A
55998	ENSG00000126952	0.51380477	0.01507728	0.38309512	0.74089101	NA	NXF5
1678	ENSG00000126953	294.148434	-0.23552032	0.13537162	0.06194251	0.17561295	TIMM8A
55906	ENSG00000126970	655.803184	-0.13975467	0.1073779	0.17396081	0.36720742	ZC4H2
821	ENSG00000127022	9602.36548	-0.08212286	0.05947403	0.16166617	0.3500826	CANX
54973	ENSG00000127054	2175.481	-0.02117421	0.07177389	0.76326506	0.89093245	INTS11
6003	ENSG00000127074	0.98605025	0.00607633	0.38006497	0.92025621	NA	RGS13
64768	ENSG00000127080	489.499699	0.07340224	0.14586082	0.5870773	0.78237765	IPPK
83744	ENSG00000127081	140.937703	-0.30424337	0.188952	0.06527801	0.18230796	ZNF484
4958	ENSG00000127083	0.99480918	0.02209923	0.38284268	0.6506095	NA	OMD
89846	ENSG00000127084	27.2571144	0.32304112	0.36671536	0.1495052	0.33230822	FGD3
59269	ENSG00000127124	329.035206	-1.22726671	0.14000584	1.99E-19	7.25E-18	HIVEP3
79717	ENSG00000127125	283.523135	-0.63458092	0.14802641	4.72E-06	4.79E-05	PPCS
1907	ENSG00000127129	1.44450725	0.01025023	0.37826463	0.88335199	NA	EDN2
64919	ENSG00000127152	0	NA	NA	NA	NA	BCL11B
1350	ENSG00000127184	2625.95467	-0.14068664	0.06303968	0.02335012	0.08247576	COX7C
7186	ENSG00000127191	503.787105	-0.20917822	0.11285194	0.05166899	0.15279665	TRAF2
79575	ENSG00000127220	616.881533	0.08482844	0.09806438	0.37139083	0.60057374	ABHD8
5648	ENSG00000127241	0	NA	NA	NA	NA	MASP1
84239	ENSG00000127249	10.0404169	0.50077101	0.98497124	0.00722046	0.03170737	ATP13A4
57110	ENSG00000127252	31.2252004	-0.0325132	0.29494496	0.86259232	0.93899493	PLAAT1
92797	ENSG00000127311	67.0842107	0.41526849	0.2830938	0.0543402	0.15863564	HELB
5908	ENSG00000127314	1204.52822	-0.12684166	0.08222827	0.1137319	0.27377941	RAP1B
50616	ENSG00000127318	0	NA	NA	NA	NA	IL22

7103	ENSG00000127324	4.7073598	0.05454146	0.36877643	0.64727712	0.82430661	TSPAN8
144453	ENSG00000127325	0.173124	-0.01911262	0.38486262	0.84537521	NA	BEST3
117177	ENSG00000127328	482.830127	-0.32383896	0.15325384	0.02085988	0.07535879	RAB3IP
5787	ENSG00000127329	31.049319	2.58175763	0.50422946	1.87E-08	2.73E-07	PTPRB
8445	ENSG00000127334	2311.7898	0.21845641	0.07146456	0.00183782	0.00994882	DYRK2
8089	ENSG00000127337	405.310293	-0.10277516	0.1669662	0.49195216	0.7110834	YEATS4
50831	ENSG00000127362	9.21392174	-0.03007097	0.34461762	0.84489979	0.92965052	TAS2R3
50832	ENSG00000127364	94.7685875	-0.04781038	0.20794863	0.78350783	0.90146111	TAS2R4
54429	ENSG00000127366	30.9821222	-0.04856459	0.28463395	0.79942302	0.90803676	TAS2R5
155051	ENSG00000127377	0.70027077	0.00203698	0.38203102	0.85183428	NA	CRYGN
65999	ENSG00000127399	559.676285	0.50138762	0.11274185	3.40E-06	3.51E-05	LRRC61
56302	ENSG00000127412	0.32112006	-0.00294009	0.38339209	0.99470998	NA	TRPV5
3425	ENSG00000127415	215.232277	0.81144065	0.21289397	2.26E-05	0.00020133	IDUA
53834	ENSG00000127418	17.3403769	3.11420161	0.71085536	8.72E-07	9.99E-06	FGFRL1
84286	ENSG00000127419	496.309024	0.05413504	0.11434185	0.62073945	0.80656694	TMEM175
79000	ENSG00000127423	101.878052	-0.42648506	0.24673265	0.03301139	0.10818399	AUNIP
5300	ENSG00000127445	1358.18184	-0.10166166	0.08188151	0.20294689	0.40886131	PIN1
54850	ENSG00000127452	484.157288	0.40044537	0.11823163	0.00036403	0.00243422	FBXL12
23065	ENSG00000127463	1451.31318	-0.30569787	0.07310257	1.97E-05	0.00017724	EMC1
5322	ENSG00000127472	0	NA	NA	NA	NA	PLA2G5
23352	ENSG00000127481	8047.02624	0.22001727	0.05474479	4.84E-05	0.00039787	UBR4
50809	ENSG00000127483	4864.08573	-0.0051865	0.06468017	0.93407174	0.97250122	HP1BP3
30817	ENSG00000127507	5.63941949	0.03154468	0.35752549	0.81842791	0.9171248	ADGRE2
23309	ENSG00000127511	1708.15326	0.2142061	0.09407545	0.01862008	0.0687042	SIN3B
390892	ENSG00000127515	0	NA	NA	NA	NA	OR7A10
79939	ENSG00000127526	1214.48917	-0.06082334	0.11168854	0.56788646	0.76918607	SLC35E1
58513	ENSG00000127527	794.534741	0.02085737	0.10228542	0.83362187	0.92422788	EPS15L1
10365	ENSG00000127528	0	NA	NA	NA	NA	KLF2
26658	ENSG00000127529	0	NA	NA	NA	NA	OR7C2
26664	ENSG00000127530	0.39935548	-0.01092807	0.38376568	0.92097753	NA	OR7C1
9002	ENSG00000127533	2.54387008	-0.08257224	0.38562861	0.37317167	NA	F2RL3
10975	ENSG00000127540	1806.19343	-0.03064821	0.06981881	0.65481265	0.82814932	UQCR11
2671	ENSG00000127554	564.581488	0.06976037	0.11414205	0.52264419	0.73587826	GFER
9143	ENSG00000127561	249.577372	-0.47768319	0.1771738	0.00267755	0.01375518	SYNGR3
9088	ENSG00000127564	1033.71224	-0.18284583	0.08759053	0.03178856	0.10503632	PKMYT1
117166	ENSG00000127578	26.9948854	-0.00433677	0.31265554	0.97877053	0.99278156	WFIKKN1
84219	ENSG00000127580	411.859849	0.12526966	0.11856667	0.26760504	0.49015612	WDR24
146330	ENSG00000127585	1456.89159	-0.25904418	0.08318675	0.0013895	0.00785178	FBXL16

63922	ENSG00000127586	1301.4162	0.31720069	0.09386803	0.00047708	0.0030963	CHTF18
51764	ENSG00000127588	5.67775627	-0.1088758	0.37587297	0.4288738	0.65462623	GNG13
NA	ENSG00000127589	1.67866563	0.04002483	0.37799829	0.63856675	NA	TUBBP1
23499	ENSG00000127603	6714.41138	-0.12846558	0.05241652	0.01334793	0.05255466	MACF1
6597	ENSG00000127616	10345.2533	0.08393891	0.05626683	0.13248879	0.30568409	SMARCA4
23030	ENSG00000127663	1555.38825	-0.11738326	0.08061635	0.13569502	0.31033882	KDM4B
148022	ENSG00000127666	375.88941	0.22897009	0.12390404	0.05033907	0.14971174	TICAM1
84190	ENSG00000127720	40.5521515	0.33692951	0.33704655	0.13137981	0.30404473	METTL25
27190	ENSG00000127743	0.32819249	-0.02330795	0.38532666	0.66610365	NA	IL17B
83460	ENSG00000127774	420.434391	-0.00236974	0.11698177	0.98209237	0.99406728	EMC6
8388	ENSG00000127780	0	NA	NA	NA	NA	OR1E2
79066	ENSG00000127804	764.902115	-0.07197768	0.12101192	0.53099194	0.74257279	METTL16
7277	ENSG00000127824	114.618478	-1.78645107	0.28078471	1.32E-11	2.79E-10	TUBA4A
7429	ENSG00000127831	1.54309679	0.09696304	0.39791336	0.14281108	NA	VIL1
14	ENSG00000127837	1718.54356	-0.0929326	0.08638151	0.26871787	0.49164169	AAMP
25953	ENSG00000127838	335.135951	-0.02178182	0.13720101	0.86628077	0.94103211	PNKD
55504	ENSG00000127863	65.826058	-1.381296	0.31626802	1.01E-06	1.14E-05	TNFRSF19
6049	ENSG00000127870	344.400953	0.00083509	0.12977359	0.99548097	0.99852582	RNF6
1892	ENSG00000127884	1078.35124	0.12885748	0.08765379	0.13109172	0.30355506	ECHS1
90485	ENSG00000127903	151.606199	-0.31477763	0.19117152	0.05883601	0.16858119	ZNF835
10142	ENSG00000127914	4007.77002	-0.06311227	0.06273454	0.30741356	0.53486671	AKAP9
2791	ENSG00000127920	1015.29956	0.99859026	0.09307686	1.05E-27	5.52E-26	GNG11
7979	ENSG00000127922	1541.89753	-0.15576193	0.08853917	0.07005326	0.19167792	SEM1
2792	ENSG00000127928	0.18922458	0.01954053	0.38488496	0.78225479	NA	GNGT1
3092	ENSG00000127946	2663.97196	-0.53159659	0.06484258	8.98E-17	2.74E-15	HIP1
5782	ENSG00000127947	1751.90521	-0.57631977	0.09882607	1.75E-09	2.93E-08	PTPN12
5447	ENSG00000127948	1175.83812	-0.03891909	0.08306377	0.63062248	0.81317757	POR
10875	ENSG00000127951	1.90436144	0.1018786	0.39747466	0.19055868	NA	FGL2
51657	ENSG00000127952	427.807057	0.01447254	0.12427493	0.90302379	0.95751119	STYXL1
79689	ENSG00000127954	9.39448695	-0.08896486	0.35272056	0.57740871	0.77582208	STEAP4
2770	ENSG00000127955	843.838425	-0.1690507	0.0963711	0.06934697	0.19013872	GNAI1
5387	ENSG00000127957	234.290973	0.25090955	0.17715482	0.11069665	0.26835552	PMS2P3
5189	ENSG00000127980	1215.39357	0.09680146	0.09397341	0.28824468	0.5139923	PEX1
7978	ENSG00000127989	366.041093	-0.19973147	0.15175248	0.15050339	0.33407003	MTERF1
8910	ENSG00000127990	918.195391	0.07411376	0.117987	0.50987426	0.72545712	SGCE
84060	ENSG00000127993	413.541853	0.10903583	0.12674264	0.36231005	0.59197696	RBM48
64921	ENSG00000127995	1793.70137	-0.03637368	0.07291489	0.6103089	0.7985846	CASD1
163131	ENSG00000128000	855.961886	-0.20159633	0.1207683	0.07770509	0.20696321	ZNF780B

57622	ENSG00000128011	550.820133	0.01168385	0.10411212	0.90820425	0.96007952	LRFN1
7538	ENSG00000128016	84.169258	0.47726581	0.24616008	0.01815837	0.06731907	ZFP36
79644	ENSG00000128039	277.548926	-0.05785641	0.14545017	0.66527811	0.83470042	SRD5A3
6691	ENSG00000128040	6.79436239	-0.17531088	0.40755419	0.2223711	0.43535977	SPINK2
65997	ENSG00000128045	1460.66895	0.111117974	0.07727424	0.14197328	0.32055876	RASL11B
10606	ENSG00000128050	4591.0648	-0.33689493	0.0826389	2.85E-05	0.00024718	PAICS
3791	ENSG00000128052	3.23404702	-0.10774035	0.39135893	0.29203943	0.51811341	KDR
5471	ENSG00000128059	1158.96101	-0.29053753	0.09779723	0.00203551	0.01086189	PPAT
85378	ENSG00000128159	1599.92767	0.20094095	0.07069685	0.00379916	0.01846719	TUBGCP6
79924	ENSG00000128165	304.202371	1.30881077	0.58845622	0.00148635	0.0083162	ADM2
85359	ENSG00000128185	599.561724	-0.03578251	0.10098608	0.71046383	0.86099206	DGCR6L
54487	ENSG00000128191	1293.39785	0.00731681	0.07441445	0.92073768	0.96670947	DGCR8
57168	ENSG00000128203	215.668128	-0.1817416	0.15328456	0.19431974	0.39729014	ASPHD2
29802	ENSG00000128218	2.3162771	0.0100306	0.37449946	0.91025463	NA	VPREB3
23753	ENSG00000128228	612.252769	0.65331417	0.11959546	1.22E-08	1.84E-07	SDF2L1
9514	ENSG00000128242	28.6918141	-1.09487994	0.47755823	0.00170945	0.0093767	GAL3ST1
7533	ENSG00000128245	1973.97282	-0.43958141	0.06507717	6.85E-12	1.48E-10	YWHAH
5988	ENSG00000128250	0.94612289	0.04084733	0.38743659	0.29648824	NA	RFPL1
10739	ENSG00000128253	3.53486295	0.08316779	0.38031072	0.44940755	0.672975	RFPL2
NA	ENSG00000128254	15.5918957	0.04222092	0.32819205	0.80960828	0.91359357	C22orf24
29774	ENSG00000128262	73.2592246	2.23894044	0.32176848	2.46E-13	5.81E-12	POM121L9P
2781	ENSG00000128266	913.196898	-0.37595308	0.10433897	0.00017548	0.00126278	GNAZ
4248	ENSG00000128268	546.47479	-0.50389698	0.13269849	5.51E-05	0.00044492	MGAT3
135	ENSG00000128271	841.118169	1.49972041	0.10622241	2.41E-46	2.17E-44	ADORA2A
468	ENSG00000128272	5371.33571	0.45993973	0.22103311	0.01396245	0.05446535	ATF4
53947	ENSG00000128274	0	NA	NA	NA	NA	A4GALT
10738	ENSG00000128276	0	NA	NA	NA	NA	RFPL3
11135	ENSG00000128283	163.740933	0.45547716	0.2234138	0.01588001	0.06038154	CDC42EP1
80833	ENSG00000128284	5.94936346	3.49013628	2.02886205	0.00207986	0.01105395	APOL3
2847	ENSG00000128285	0	NA	NA	NA	NA	MCHR1
8459	ENSG00000128294	257.060136	0.14182712	0.16637761	0.34430098	0.57465563	TPST2
80115	ENSG00000128298	59.4439203	0.42137107	0.29420919	0.05572862	0.16188226	BAIAP2L2
4357	ENSG00000128309	2664.5767	0.06298999	0.07037183	0.36318792	0.59291108	MPST
8484	ENSG00000128310	0.31775907	0.00054329	0.38336346	0.97186541	NA	GALR3
7263	ENSG00000128311	243.459064	0.12016446	0.15381632	0.39400993	0.62317897	TST
80831	ENSG00000128313	0.15069912	-0.01848503	0.38480575	0.84537521	NA	APOL5
3543	ENSG00000128322	0	NA	NA	NA	NA	IGLL1
23780	ENSG00000128335	178.638631	0.02350184	0.17081182	0.87906636	0.94641763	APOL2

5880	ENSG00000128340	23.8950371	-1.84606025	0.58606939	8.98E-05	0.00069156	RAC2
3976	ENSG00000128342	53.2289888	0.09205915	0.2588269	0.63511407	0.8163695	LIF
84645	ENSG00000128346	7.0434226	0.01426718	0.35451074	0.92038605	0.96646868	C22orf23
200315	ENSG00000128383	0	NA	NA	NA	NA	APOBEC3A
100913187	ENSG00000128383	0	NA	NA	NA	NA	APOBEC3A
200316	ENSG00000128394	34.3167508	0.15639655	0.29424662	0.43515159	0.66040284	APOBEC3F
26150	ENSG00000128408	0.18922458	0.01954053	0.38488496	0.78225479	NA	RIBC2
3872	ENSG00000128422	0.15069912	-0.01848503	0.38480575	0.84537521	NA	KRT17
NA	ENSG00000128438	0	NA	NA	NA	NA	TBC1D27P
51234	ENSG00000128463	1549.59332	0.17375751	0.08140047	0.02882566	0.09722903	EMC4
7732	ENSG00000128482	468.071815	-0.25628956	0.12706515	0.03180522	0.10504671	RNF112
92521	ENSG00000128487	348.285102	-0.20084097	0.13007283	0.09942699	0.24822342	SPECC1
51200	ENSG00000128510	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CPA4
9732	ENSG00000128512	1230.86094	-0.3831536	0.10521636	0.0001463	0.00107182	DOCK4
25913	ENSG00000128513	732.148409	-0.2051206	0.14747459	0.13056308	0.30279036	POT1
50833	ENSG00000128519	0	NA	NA	NA	NA	TAS2R16
9296	ENSG00000128524	1394.63153	-0.09400889	0.07585915	0.20564996	0.41264935	ATP6V1F
51691	ENSG00000128534	1636.59805	0.32492145	0.10321139	0.00104718	0.00614315	LSM8
222256	ENSG00000128536	200.270565	0.59669407	0.20860961	0.00111778	0.00649722	CDHR3
79706	ENSG00000128563	1322.32002	0.30376429	0.08101926	0.00012169	0.00090576	PRKRIP1
7425	ENSG00000128564	8353.61222	-2.37288604	0.07074854	7.38E-248	2.93E-244	VGf
5420	ENSG00000128567	2054.4006	-0.49548516	0.07204926	2.50E-12	5.55E-11	PODXL
93986	ENSG00000128573	0	NA	NA	NA	NA	FOXP2
57464	ENSG00000128578	121.550624	-0.47473933	0.28598923	0.02975984	0.09971884	STRIP2
64792	ENSG00000128581	657.217883	0.09509767	0.10080489	0.32831657	0.55683028	IFT22
4289	ENSG00000128585	2267.27172	-0.21025166	0.09481467	0.02175868	0.07792279	MKLN1
4189	ENSG00000128590	440.549245	0.20445599	0.11456023	0.06096447	0.17355935	DNAJB9
2318	ENSG00000128591	1336.30023	1.20827135	0.08345654	1.83E-48	1.71E-46	FLNC
64101	ENSG00000128594	594.963161	-1.8021641	0.12626648	2.42E-47	2.22E-45	LRRC4
813	ENSG00000128595	4062.28185	-0.20302974	0.0715613	0.00380956	0.01848412	CALU
64753	ENSG00000128596	1612.6278	-0.10242717	0.07497554	0.16317492	0.35215821	CCDC136
6608	ENSG00000128602	1955.68639	0.92325746	0.07070479	9.21E-40	7.08E-38	SMO
3663	ENSG00000128604	52.4314596	0.15992155	0.29062107	0.42436991	0.65010417	IRF5
10234	ENSG00000128606	17.1974746	0.41348375	0.50365881	0.0802994	0.2118819	LRRC17
23008	ENSG00000128607	1176.4456	0.02475263	0.09237708	0.78319553	0.90125859	KLHDC10
4698	ENSG00000128609	1293.09977	-0.35389862	0.07819716	3.63E-06	3.73E-05	NDUFA5
389549	ENSG00000128610	0	NA	NA	NA	NA	FEZF1
611	ENSG00000128617	2.80006029	0.08385933	0.38552359	0.37913273	0.6081327	OPN1SW

6183	ENSG00000128626	419.595665	-0.16396064	0.11407151	0.13058941	0.30281602	MRPS12
4430	ENSG00000128641	4062.77879	-0.23373629	0.0631143	0.00016826	0.00121614	MYO1B
3231	ENSG00000128645	20.6497146	0.96642897	0.5937044	0.00762048	0.0331485	HOXD1
3232	ENSG00000128652	494.130279	-0.1105511	0.10766478	0.28387134	0.50903899	HOXD3
10651	ENSG00000128654	959.040636	-0.12394709	0.08976717	0.15481456	0.34030142	MTX2
50940	ENSG00000128655	70.6262444	0.33974983	0.29966419	0.11612882	0.27839903	PDE11A
1123	ENSG00000128656	1320.87575	0.16808528	0.08218678	0.03609784	0.11607474	CHN1
2571	ENSG00000128683	2.0300085	-0.03540306	0.38000666	0.62346039	NA	GAD1
NA	ENSG00000128692	0.99185888	0.03322072	0.38235116	0.58147144	NA	EIF2S2P4
64172	ENSG00000128694	269.088136	-0.13285755	0.15287577	0.34219063	0.57224058	OSGEPL1
94101	ENSG00000128699	790.969435	-0.11765762	0.10948549	0.26095676	0.48276874	ORMDL1
8520	ENSG00000128708	772.076279	-0.09721847	0.11447757	0.3726527	0.60153198	HAT1
3235	ENSG00000128709	290.693056	-0.13994875	0.15075956	0.31124171	0.53888083	HOXD9
3236	ENSG00000128710	20.8463829	0.28435332	0.37873138	0.18660756	0.38635899	HOXD10
3237	ENSG00000128713	8.32933386	0.27460476	0.46901014	0.11218566	0.27107099	HOXD11
3239	ENSG00000128714	42.8218363	2.97002638	0.43215765	4.53E-13	1.06E-11	HOXD13
8924	ENSG00000128731	3780.2272	-0.06060219	0.08676272	0.47185208	0.69421175	HERC2
6638	ENSG00000128739	1873.37677	-0.22134069	0.07535599	0.0026902	0.01380587	SNRPN
56984	ENSG00000128789	417.999246	-0.07321154	0.12037621	0.52070281	0.7341869	PSMG2
57045	ENSG00000128791	402.985173	0.51041422	0.12047527	8.62E-06	8.28E-05	TWSG1
58504	ENSG00000128805	110.189759	0.00629623	0.20717172	0.97274508	0.98990882	ARHGAP22
57705	ENSG00000128815	2.9398666	0.00865473	0.3778817	0.93607339	0.97330832	WDFY4
440275	ENSG00000128829	1324.45008	0.09729699	0.07838926	0.20496608	0.41184191	EIF2AK4
55930	ENSG00000128833	411.789839	0.60991307	0.13258582	1.21E-06	1.36E-05	MYO5C
84952	ENSG00000128849	381.842659	0.23415203	0.11992783	0.03953389	0.12436219	CGNL1
29767	ENSG00000128872	1407.08955	-1.19474135	0.0835952	2.60E-47	2.38E-45	TMOD2
146057	ENSG00000128881	1147.01365	-0.13955592	0.10081545	0.15031331	0.33373053	TTBK2
80237	ENSG00000128886	13.3121281	0.08417503	0.34030595	0.62390921	0.80825065	ELL3
90416	ENSG00000128891	297.30599	-0.17641517	0.18969603	0.28259487	0.50762175	CCDC32
54617	ENSG00000128908	808.310192	-0.03952445	0.10975359	0.70606689	0.85825065	INO80
79664	ENSG00000128915	1258.19412	0.07151907	0.12245671	0.53827952	0.74807128	ICE2
54567	ENSG00000128917	2.19397701	0.051928	0.3774275	0.58379402	NA	DLL4
8854	ENSG00000128918	26.6030683	1.72586216	0.66004361	0.00038099	0.0025365	ALDH1A2
54629	ENSG00000128923	493.919212	0.14965646	0.11247697	0.16368348	0.35275692	MINDY2
3712	ENSG00000128928	1206.10077	-0.12831461	0.0975483	0.17295267	0.36578929	IVD
90417	ENSG00000128944	1089.58764	-0.11112608	0.09083543	0.20725643	0.41447107	KNSTRN
1854	ENSG00000128951	2418.6224	-0.46457263	0.07677574	6.36E-10	1.13E-08	DUT
79094	ENSG00000128965	495.041616	0.36774051	0.51291038	0.08748695	0.22591971	CHAC1

54982	ENSG00000128973	830.463229	-0.1988795	0.09482616	0.02961764	0.09932622	CLN6
10776	ENSG00000128989	4726.25565	-0.04680784	0.07099351	0.50157542	0.71850227	ARPP19
54832	ENSG00000129003	2402.8753	-0.42032586	0.06984581	8.73E-10	1.52E-08	VPS13C
91860	ENSG00000129007	78.6998659	0.20881214	0.22963839	0.26389151	0.4860837	CALML4
3671	ENSG00000129009	185.229672	-0.8737119	0.21305407	5.86E-06	5.83E-05	ISLR
56906	ENSG00000129028	207.625098	-0.26281457	0.17497825	0.09133532	0.23324658	THAP10
4016	ENSG00000129038	3.19668163	-0.0101024	0.37131323	0.91661836	0.96470788	LOXL1
51554	ENSG00000129048	5.5126972	0.06850852	0.3665477	0.60376954	0.79398076	ACKR4
25847	ENSG00000129055	635.384833	-0.14503684	0.10087581	0.13544688	0.30998745	ANAPC13
8930	ENSG00000129071	466.699189	-0.0710835	0.13466464	0.57173682	0.77185678	MBD4
1315	ENSG00000129083	2195.64349	0.00087625	0.07849071	0.99125063	0.9971497	COPB1
5682	ENSG00000129084	1516.55043	-0.02914168	0.08113897	0.71159941	0.86140448	PSMA1
25870	ENSG00000129103	1822.72861	0.0106935	0.07744118	0.88877031	0.95146564	SUMF2
23022	ENSG00000129116	1663.53611	0.71311192	0.09031787	6.72E-16	1.93E-14	PALLD
60559	ENSG00000129128	1763.12447	0.62468557	0.08485178	5.21E-14	1.31E-12	SPCS3
8424	ENSG00000129151	0	NA	NA	NA	NA	BBOX1
4654	ENSG00000129152	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MYOD1
26297	ENSG00000129158	146.369489	-0.00068998	0.22026542	0.99533071	0.99852582	SERGEF
3746	ENSG00000129159	582.971214	-1.77992018	0.18214438	7.75E-24	3.53E-22	KCNC1
7166	ENSG00000129167	13.9582171	-0.05477161	0.32929621	0.75227848	0.88403749	TPH1
8048	ENSG00000129170	0	NA	NA	NA	NA	CSRP3
79733	ENSG00000129173	287.532554	-0.39274927	0.14494496	0.00340939	0.0168738	E2F8
1635	ENSG00000129187	861.015921	-0.01304427	0.0889756	0.87955496	0.94660386	DCTD
6665	ENSG00000129194	22.6469198	0.32615316	0.41483593	0.14000503	0.3173426	SOX15
54478	ENSG00000129195	1102.48467	0.02341469	0.09078389	0.79150487	0.90499209	PIMREG
84268	ENSG00000129197	1729.24454	0.1875915	0.06754303	0.00475135	0.02225371	RPAIN
9098	ENSG00000129204	12.6900417	-0.46790336	0.62828802	0.05106547	0.15148609	USP6
6462	ENSG00000129214	2.89629976	-0.1091912	0.39272404	0.27949609	0.50401767	SHBG
5338	ENSG00000129219	456.516564	0.1326135	0.11593718	0.23002258	0.44593003	PLD2
23746	ENSG00000129221	0.173124	-0.01911262	0.38486262	0.84537521	NA	AIPL1
968	ENSG00000129226	2.92510069	0.07505733	0.38025096	0.46827439	0.69115934	CD68
84817	ENSG00000129235	632.092603	-0.10629054	0.10337447	0.28492534	0.51028332	TXNDC17
482	ENSG00000129244	111.767364	0.1841466	0.19721352	0.27830585	0.50270347	ATP1B2
9513	ENSG00000129245	1525.83921	0.16731531	0.07650858	0.02552815	0.08857615	FXR2
10749	ENSG00000129250	647.414179	1.06908376	0.18745288	1.32E-09	2.24E-08	KIF1C
9526	ENSG00000129255	873.84351	0.0382071	0.08519622	0.65073195	0.8254613	MPDU1
51105	ENSG00000129292	1537.43311	0.05488046	0.07630082	0.46338422	0.68623892	PHF20L1
23639	ENSG00000129295	35.9084375	0.49458821	0.39236468	0.04969038	0.14833843	LRRC6

904	ENSG00000129315	1570.40424	0.11170371	0.09067608	0.20531055	0.41224389	CCNT1
83448	ENSG00000129317	634.016424	-0.52967797	0.12110541	4.29E-06	4.37E-05	PUS7L
65095	ENSG00000129347	979.531341	0.12737055	0.08560026	0.126802	0.29662228	KRI1
3609	ENSG00000129351	18488.2578	-0.0619924	0.0499976	0.2107875	0.41967125	ILF3
57153	ENSG00000129353	1324.13962	0.2785292	0.08194781	0.00049136	0.00317751	SLC44A2
10053	ENSG00000129354	0.173733	0.01914545	0.38484597	0.78225479	NA	AP1M2
1032	ENSG00000129355	196.402857	-0.41899212	0.17337134	0.00713891	0.03143974	CDKN2D
57509	ENSG00000129422	430.253659	-2.80158418	0.21196211	2.51E-41	1.95E-39	MTUS1
43847	ENSG00000129437	2.93585794	0.15933053	0.42483867	0.07600293	0.20344011	KLK14
27180	ENSG00000129450	0	NA	NA	NA	NA	SIGLEC9
5655	ENSG00000129451	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KLK10
11202	ENSG00000129455	0	NA	NA	NA	NA	KLK8
25983	ENSG00000129460	596.524513	0.19321811	0.11260111	0.07206589	0.19555978	NGDN
11035	ENSG00000129465	0.37844916	0.02407552	0.3854191	0.60038877	NA	RIPK3
196883	ENSG00000129467	3.95266142	0.15932285	0.41332864	0.163683	0.35275692	ADCY4
84932	ENSG00000129472	672.520509	-0.0259638	0.12448933	0.82500268	0.92054353	RAB2B
599	ENSG00000129473	855.652264	-0.08946845	0.08958515	0.30369137	0.53104502	BCL2L2
84962	ENSG00000129474	327.324767	1.44272899	0.17565626	1.63E-17	5.22E-16	AJUBA
112487	ENSG00000129480	242.707733	0.03349175	0.14733221	0.80659409	0.91241386	DTD2
10038	ENSG00000129484	606.64096	0.05524543	0.10838667	0.5958899	0.78826859	PARP2
25938	ENSG00000129493	501.350934	0.39845718	0.35156928	0.08707871	0.22523253	HEATR5A
3169	ENSG00000129514	0	NA	NA	NA	NA	FOXA1
58533	ENSG00000129515	1239.14503	-0.19669513	0.09450459	0.03133516	0.10378792	SNX6
55837	ENSG00000129518	296.194122	-0.07569149	0.1311151	0.53812339	0.7480639	EAPP
112399	ENSG00000129521	54.4059118	-0.04865545	0.27749014	0.79861029	0.90773005	EGLN3
55320	ENSG00000129534	531.483754	-0.40530863	0.13238256	0.00108637	0.00633741	MIS18BP1
4901	ENSG00000129535	29.4961466	-0.06463893	0.29313217	0.73462654	0.87374168	NRL
6035	ENSG00000129538	0	NA	NA	NA	NA	RNASE1
4738	ENSG00000129559	2140.25472	0.0130315	0.06776775	0.84601255	0.93016841	NEDD8
1603	ENSG00000129562	1194.73698	0.18590174	0.08279559	0.02131698	0.07666221	DAD1
7011	ENSG00000129566	489.154691	0.63097789	0.16555213	3.57E-05	0.00030326	TEP1
64097	ENSG00000129595	82.5745967	1.017115	0.40495907	0.00102231	0.00602039	EPB41L4A
1036	ENSG00000129596	147.501343	-0.44237529	0.22075393	0.01756145	0.06560027	CDO1
7905	ENSG00000129625	762.348174	-0.05189734	0.1002078	0.59082326	0.78554834	REEP5
81533	ENSG00000129636	789.946235	-0.36855015	0.09432339	5.33E-05	0.00043214	ITFG1
84074	ENSG00000129646	197.487532	0.65809931	0.1739943	3.76E-05	0.00031779	QRICH2
2302	ENSG00000129654	5.24381335	0.14653226	0.39843869	0.26155918	0.4835377	FOXJ1
6397	ENSG00000129657	2776.88861	-0.08278759	0.06574271	0.20100227	0.40615916	SEC14L1

79651	ENSG00000129667	449.003207	-0.23127865	0.13545373	0.06678716	0.18529677	RHBDF2
15	ENSG00000129673	2.3986071	-0.0640059	0.38134128	0.47713288	NA	AANAT
9459	ENSG00000129675	255.368648	0.96617203	0.18226736	1.58E-08	2.32E-07	ARHGEF6
79649	ENSG00000129680	416.781593	0.43366926	0.13171717	0.00046073	0.00300783	MAP7D3
2258	ENSG00000129682	3.68571695	0.07129875	0.37694014	0.51513836	0.72960772	FGF13
9070	ENSG00000129691	740.014684	-0.11608084	0.10026838	0.22920834	0.44474264	ASH2L
80185	ENSG00000129696	298.604864	0.14030601	0.15224746	0.31547395	0.54331625	TTI2
417	ENSG00000129744	0.173124	-0.01911262	0.38486262	0.84537521	NA	ART1
57053	ENSG00000129749	32.8968237	-0.20342475	0.30459439	0.32091768	0.54869068	CHRNA10
1028	ENSG00000129757	854.449049	0.55412838	0.09982257	9.74E-09	1.47E-07	CDKN1C
151648	ENSG00000129810	380.542201	-0.40911599	0.13249853	0.00099312	0.00587207	SGO1
100101116	ENSG00000129816	0	NA	NA	NA	NA	TTY1B
6192	ENSG00000129824	0	NA	NA	NA	NA	RPS4Y1
353513	ENSG00000129862	0	NA	NA	NA	NA	VCY1B
9084	ENSG00000129864	0	NA	NA	NA	NA	VCY
203611	ENSG00000129873	0	NA	NA	NA	NA	CDY2B
1013	ENSG00000129910	8.9664042	0.05526419	0.34717641	0.7269549	0.86953012	CDH15
83855	ENSG00000129911	645.94772	-0.00833595	0.11783349	0.93995266	0.97488948	KLF16
58986	ENSG00000129925	989.072157	-0.15397652	0.1005124	0.11146437	0.2697881	PGAP6
83475	ENSG00000129932	322.711775	-0.11506497	0.13064669	0.34779894	0.57854707	DOHH
23383	ENSG00000129933	2255.6835	0.24130367	0.07057536	0.00049864	0.00321621	MAU2
25759	ENSG00000129946	756.252438	-0.06995095	0.09364786	0.44008043	0.66517856	SHC2
79948	ENSG00000129951	994.016917	0.60392448	0.10299924	1.36E-09	2.30E-08	PLPPR3
723961	ENSG00000129965	0	NA	NA	NA	NA	INS-IGF2
81926	ENSG00000129968	2144.40251	0.11954082	0.06912497	0.07873028	0.20910425	ABHD17A
3929	ENSG00000129988	3.24199459	-0.05937409	0.37538658	0.57308914	0.7727401	LBP
6861	ENSG00000129990	115.501083	-1.06404506	0.23902172	9.44E-07	1.07E-05	SYT5
7137	ENSG00000129991	61.7410611	-0.86644032	0.30951623	0.00067642	0.00419604	TNNI3
863	ENSG00000129993	2.00176869	0.10034808	0.3965826	0.18626772	NA	CBFA2T3
2593	ENSG00000130005	806.38658	0.04998863	0.08945056	0.56614644	0.76789354	GAMT
8226	ENSG00000130021	249.536851	-0.05850011	0.15564451	0.67901123	0.84320727	PUDP
55780	ENSG00000130023	312.417729	0.18480162	0.16975762	0.22497221	0.43877008	ERMARD
55274	ENSG00000130024	1646.70226	0.10115255	0.08726564	0.23381392	0.45077791	PHF10
79057	ENSG00000130032	0	NA	NA	NA	NA	PRRG3
26290	ENSG00000130035	0.87316756	0.03844629	0.38477768	0.44621224	NA	GALNT8
3741	ENSG00000130037	0	NA	NA	NA	NA	KCNA5
84766	ENSG00000130038	158.159075	-1.1505171	0.23795502	1.27E-07	1.65E-06	CRACR2A
158046	ENSG00000130045	0.84471752	-0.00134595	0.38065581	0.98151753	NA	NXNL2

9754	ENSG00000130052	26.5263011	2.04228546	0.57064462	1.85E-05	0.00016703	STARD8
27112	ENSG00000130054	172.647789	-2.40311804	0.20260617	1.34E-33	8.57E-32	FAM155B
54857	ENSG00000130055	2.62831827	0.02983857	0.37421123	0.7525931	0.88425267	GDPD2
6303	ENSG00000130066	100.997754	0.92874425	0.24467462	1.96E-05	0.00017632	SAT1
54552	ENSG00000130119	1084.97481	-0.42879581	0.11330274	7.28E-05	0.00057491	GNL3L
23677	ENSG00000130147	701.390283	-0.26683197	0.10441304	0.00771796	0.03347713	SH3BP4
158747	ENSG00000130150	245.844996	0.1282917	0.14419426	0.33708369	0.56738274	MOSPD2
57572	ENSG00000130158	943.362357	0.81263426	0.12497306	1.44E-11	3.01E-10	DOCK6
51295	ENSG00000130159	869.273012	-0.1306907	0.10076159	0.17795132	0.37336655	ECSIT
3949	ENSG00000130164	1405.9045	-0.00660002	0.10665641	0.94680981	0.97815729	LDLR
84337	ENSG00000130165	944.905403	-0.06944037	0.08350648	0.39344664	0.62246703	ELOF1
26526	ENSG00000130167	0	NA	NA	NA	NA	TSPAN16
55908	ENSG00000130173	0.173733	0.01914545	0.38484597	0.78225479	NA	ANGPTL8
5589	ENSG00000130175	6659.15882	0.47122232	0.05491886	4.28E-18	1.44E-16	PRKCSH
1264	ENSG00000130176	6.31226382	-0.03509484	0.35803612	0.79212413	0.90499209	CNN1
8881	ENSG00000130177	1347.86102	0.18196244	0.07969651	0.01949575	0.0714584	CDC16
84891	ENSG00000130182	2.87409863	0.04953616	0.37570674	0.61163186	0.79965575	ZSCAN10
51337	ENSG00000130193	937.70229	-0.59199917	0.09612366	2.24E-10	4.15E-09	THEM6
5819	ENSG00000130202	73.0003452	2.09179494	0.31074786	9.58E-13	2.19E-11	NECTIN2
348	ENSG00000130203	109.393018	1.67594196	0.26203852	1.17E-11	2.49E-10	APOE
10452	ENSG00000130204	1428.75176	0.00856704	0.09201258	0.92436761	0.96852	TOMM40
341	ENSG00000130208	11.3133074	-0.02122711	0.33839197	0.89336438	0.95389529	APOC1
10912	ENSG00000130222	354.298149	1.07910153	0.13735721	4.89E-16	1.43E-14	GADD45G
57631	ENSG00000130224	448.217292	-0.09399368	0.12114559	0.41261614	0.64014381	LRCH2
1804	ENSG00000130226	251.776486	-0.96892734	0.16914121	1.34E-09	2.27E-08	DPP6
23039	ENSG00000130227	2930.41174	-0.29085555	0.09454743	0.00136493	0.00773058	XPO7
59272	ENSG00000130234	2.68881683	-0.06166396	0.3839297	0.4242875	0.65002811	ACE2
147965	ENSG00000130244	230.557255	-0.25062093	0.17561631	0.10785839	0.26339391	FAM98C
9667	ENSG00000130254	1825.39999	-0.11715213	0.07674884	0.11880807	0.28318716	SAFB2
25873	ENSG00000130255	8593.99103	-0.04710887	0.05874481	0.41652294	0.64309452	RPL36
148229	ENSG00000130270	71.872144	1.26393333	0.35128015	2.53E-05	0.00022207	ATP8B3
2657	ENSG00000130283	209.438067	-0.25910586	0.16586165	0.08254114	0.21637154	GDF1
1463	ENSG00000130287	533.979634	-2.52023294	0.14004483	1.21E-73	2.13E-71	NCAN
547	ENSG00000130294	12778.0325	-0.13651502	0.06415758	0.03022942	0.10096828	KIF1A
84705	ENSG00000130299	1110.97836	0.20512791	0.08678005	0.01512675	0.05806977	GTPBP3
83483	ENSG00000130300	0.18922458	0.01954053	0.38488496	0.78225479	NA	PLVAP
684	ENSG00000130303	23.3162049	0.04925309	0.30047807	0.79650192	0.90658744	BST2
376497	ENSG00000130304	221.540497	0.20254412	0.16784211	0.17966455	0.37624495	SLC27A1

55695	ENSG00000130305	1266.28035	0.07002809	0.07802579	0.35978014	0.58972554	NSUN5
83878	ENSG00000130307	2.72140812	0.02938956	0.37710053	0.70987369	0.860757	USHBP1
79709	ENSG00000130309	1391.22023	-0.23728672	0.07891688	0.00207614	0.01104305	COLGALT1
79016	ENSG00000130311	1367.04117	0.20624848	0.09635	0.02671537	0.0917012	DDA1
64981	ENSG00000130312	666.144438	0.06211009	0.1010783	0.5247915	0.73753159	MRPL34
25796	ENSG00000130313	876.844126	0.2654404	0.09459672	0.00371586	0.01815382	PGLS
51690	ENSG00000130332	1410.66988	0.08373137	0.07896788	0.27910825	0.50354712	LSM7
56995	ENSG00000130338	1431.21226	-0.4853112	0.07609806	7.33E-11	1.43E-09	TULP4
51429	ENSG00000130340	991.427415	0.37816861	0.108516	0.000273	0.00188069	SNX9
84816	ENSG00000130347	117.165414	0.19101632	0.21303223	0.28464813	0.50987892	RTN4IP1
55278	ENSG00000130348	406.400171	-0.04791134	0.12209467	0.67792991	0.84273994	QRSL1
51250	ENSG00000130349	216.55262	-0.17201919	0.15248257	0.217538	0.42910658	MTRES1
83861	ENSG00000130363	216.523542	0.2969164	0.18673546	0.0697384	0.19093923	RSPH3
4142	ENSG00000130368	0.3404686	-0.00018999	0.38336229	0.96705355	NA	MAS1
81616	ENSG00000130377	6.98792366	-0.05993475	0.37776879	0.52983032	0.74152324	ACSBG2
4298	ENSG00000130382	2796.20323	-0.1901706	0.06188445	0.00181907	0.00986616	MLLT1
2527	ENSG00000130383	3.70259504	0.16040904	0.42862625	0.05123602	0.15188997	FUT5
9210	ENSG00000130385	0.37844916	0.02407552	0.3854191	0.60038877	NA	BMP15
4301	ENSG00000130396	3309.53745	-0.01740808	0.06682396	0.78557582	0.90248778	AFDN
81	ENSG00000130402	3256.80739	0.3647484	0.0817146	4.74E-06	4.79E-05	ACTN4
65975	ENSG00000130413	89.533396	-0.39383608	0.30659482	0.07552673	0.20246162	STK33
4705	ENSG00000130414	1534.86492	0.05716178	0.09169355	0.52233627	0.73570578	NDUFA10
2056	ENSG00000130427	2.32318451	0.05666066	0.38047005	0.5194166	NA	EPO
10095	ENSG00000130429	691.565841	0.21734399	0.13309229	0.08100276	0.21345396	ARPC1B
59285	ENSG00000130433	0.51559444	0.03113559	0.38605479	0.4776066	NA	CACNG6
57688	ENSG00000130449	985.694427	0.2125248	0.0891293	0.01409178	0.05487356	ZSWIM6
23149	ENSG00000130475	216.462022	-0.24724442	0.16285133	0.0928688	0.23585726	FCHO1
23025	ENSG00000130477	2422.38778	-2.0726662	0.07826923	1.07E-155	1.06E-152	UNC13A
55201	ENSG00000130479	961.386854	-0.37516628	0.08994049	1.70E-05	0.00015521	MAP1S
113730	ENSG00000130487	1.46908626	0.07041286	0.38853882	0.30889259	NA	KLHDC7B
7837	ENSG00000130508	8842.33745	-0.03592214	0.05588776	0.51533949	0.72968723	PXDN
170463	ENSG00000130511	1290.92386	-0.21496063	0.07787706	0.00472147	0.0221399	SSBP4
9518	ENSG00000130513	177.74883	1.28677979	0.2092708	7.33E-11	1.43E-09	GDF15
54858	ENSG00000130517	666.025236	-0.24170119	0.11631106	0.02867259	0.09694344	PGPEP1
80726	ENSG00000130518	97.1407451	0.83519961	0.25252721	0.00014216	0.00104419	IQC�
25804	ENSG00000130520	3339.81815	-0.38098257	0.06495861	2.54E-09	4.12E-08	LSM4
3727	ENSG00000130522	2119.83296	0.53201333	0.07243943	7.71E-14	1.91E-12	JUND
3270	ENSG00000130528	1.22646606	-0.04062268	0.383066	0.52860218	NA	HRC

54795	ENSG00000130529	100.985189	1.19035172	0.25509425	2.94E-07	3.65E-06	TRPM4
81061	ENSG00000130538	0	NA	NA	NA	NA	OR11H1
25830	ENSG00000130540	227.85108	-0.63555107	0.15947454	1.73E-05	0.00015733	SULT4A1
79230	ENSG00000130544	262.242173	-0.12938608	0.15381743	0.35699214	0.58709582	ZNF557
92359	ENSG00000130545	1.15402791	0.00195627	0.37937999	0.97603885	NA	CRB3
10439	ENSG00000130558	825.650436	-1.53073771	0.10534272	6.69E-49	6.35E-47	OLFM1
157922	ENSG00000130559	2948.0177	-0.12646854	0.06729283	0.05609748	0.16266792	CAMSAP1
10422	ENSG00000130560	1141.56888	0.05556478	0.08057546	0.48073053	0.70158112	UBAC1
6295	ENSG00000130561	0	NA	NA	NA	NA	SAG
140685	ENSG00000130584	117.627181	0.46953451	0.21773159	0.01146241	0.04643563	ZBTB46
85441	ENSG00000130589	646.731884	0.40812578	0.14269672	0.00209828	0.01114589	HELZ2
140700	ENSG00000130590	281.487209	0.29935335	0.15643378	0.0358634	0.11552685	SAMD10
4046	ENSG00000130592	30.1553752	0.38284978	0.44707761	0.09714267	0.24380906	LSP1
7140	ENSG00000130595	1.37398733	0.06160358	0.38548417	0.38797179	NA	TNNT3
7136	ENSG00000130598	3.73780599	-0.13747442	0.40488075	0.19241838	0.39466357	TNNI2
283120	ENSG00000130600	79266.1821	0.73983328	0.20088395	4.51E-05	0.0003744	H19
102724852	ENSG00000130600	79266.1821	0.73983328	0.20088395	4.51E-05	0.0003744	H19
22952	ENSG00000130612	0.50366145	0.03047707	0.3859845	0.48834145	NA	CYP2G1P
1289	ENSG00000130635	75.8244717	0.09202072	0.24118364	0.62688181	0.81066736	COL5A1
25814	ENSG00000130638	2630.69175	-0.30539621	0.06871611	6.06E-06	6.00E-05	ATXN10
10844	ENSG00000130640	1884.93577	-0.00310172	0.06721759	0.96190361	0.98458276	TUBGCP2
50632	ENSG00000130643	175.223835	-1.25807966	0.18628886	1.44E-12	3.25E-11	CALY
1571	ENSG00000130649	1.45913899	0.02244385	0.37819378	0.76749814	NA	CYP2E1
375775	ENSG00000130653	76.2496153	0.31314892	0.28355064	0.13565766	0.31030495	PNPLA7
3050	ENSG00000130656	0.70129728	-0.01817036	0.38274402	0.68636655	NA	HBZ
10298	ENSG00000130669	1375.88907	0.14924802	0.0810577	0.05942691	0.16984009	PAK4
3110	ENSG00000130675	2.41247224	0.02032553	0.37457639	0.82136493	NA	MNX1
26152	ENSG00000130684	902.11159	0.11636634	0.08964257	0.18190446	0.37957585	ZNF337
64793	ENSG00000130695	989.755461	-0.14648691	0.09122336	0.09765784	0.24479236	CEP85
6874	ENSG00000130699	619.241225	-0.08231649	0.1051572	0.41252735	0.64014381	TAF4
140628	ENSG00000130700	0.9244433	-0.06525595	0.39134464	0.2113244	NA	GATA5
140893	ENSG00000130701	0	NA	NA	NA	NA	RBBP8NL
3911	ENSG00000130702	6243.94941	0.9096038	0.08133015	7.79E-30	4.49E-28	LAMA5
9885	ENSG00000130703	723.491032	-0.13652273	0.09902088	0.15264126	0.33723751	OSBPL2
11047	ENSG00000130706	1674.87752	0.0655781	0.09113269	0.45896991	0.68235016	ADRM1
445	ENSG00000130707	151.15029	1.12764175	0.22656972	7.02E-08	9.45E-07	ASS1
59335	ENSG00000130711	6.81283592	0.09076327	0.36634972	0.52606524	0.73808697	PRDM12
23404	ENSG00000130713	1049.08075	-0.18964715	0.0922758	0.03369466	0.11004519	EXOSC2

10585	ENSG00000130714	891.568554	0.33579565	0.1388871	0.00934352	0.03923288	POMT1
83549	ENSG00000130717	913.165586	-0.31125764	0.08427871	0.00014807	0.00108285	UCK1
84929	ENSG00000130720	0	NA	NA	NA	NA	FIBCD1
27243	ENSG00000130724	1697.63058	0.26980788	0.0695729	7.85E-05	0.00061348	CHMP2A
9040	ENSG00000130725	1621.98677	-0.01210373	0.08770365	0.8864681	0.95015905	UBE2M
10155	ENSG00000130726	8361.21022	-0.05258386	0.06175122	0.39078811	0.62011007	TRIM28
84326	ENSG00000130731	914.460145	0.17292464	0.08584	0.03857887	0.12221056	METTTL26
78992	ENSG00000130733	592.062377	-0.11152689	0.09970231	0.24441583	0.46302016	YIPF2
84971	ENSG00000130734	608.451684	0.14866799	0.13085003	0.22646561	0.44088684	ATG4D
1968	ENSG00000130741	4716.26221	-0.04579747	0.05791354	0.42345589	0.64935576	EIF2S3
54958	ENSG00000130748	453.648128	-0.12270909	0.12312888	0.29149606	0.51742702	TMEM160
23211	ENSG00000130749	2123.86926	-0.12721597	0.07878709	0.10016065	0.24951784	ZC3H4
4861	ENSG00000130751	27.2845974	0.0408432	0.30303244	0.82889488	0.92244079	NPAS1
9535	ENSG00000130755	0.89984857	0.06462883	0.3912593	0.20169955	NA	GMFG
4294	ENSG00000130758	824.350284	0.36549276	0.10417638	0.00025829	0.00179112	MAP3K10
27237	ENSG00000130762	79.7984478	-0.19052271	0.24186133	0.31714784	0.54496909	ARHGEF16
57470	ENSG00000130764	1616.51025	-0.17041183	0.07549591	0.02109442	0.07603803	LRRC47
83667	ENSG00000130766	440.647231	0.89905316	0.18683255	2.22E-07	2.80E-06	SESN2
27293	ENSG00000130768	44.5866703	-0.11119932	0.26718161	0.56766273	0.76899226	SMPDL3B
93974	ENSG00000130770	1254.08739	-0.0745386	0.09438053	0.41438495	0.641645	ATP5IF1
54797	ENSG00000130772	155.736949	-0.3025448	0.17738157	0.05464445	0.15938634	MED18
9473	ENSG00000130775	113.823395	0.18996059	0.19733259	0.26343452	0.48542909	THEMIS2
6249	ENSG00000130779	747.21408	0.03203126	0.09762657	0.73525412	0.87418001	CLIP1
84660	ENSG00000130783	12.2106881	-0.02759061	0.33308731	0.86750931	0.94194356	CCDC62
9026	ENSG00000130787	1490.77562	0.11833315	0.09831824	0.21301458	0.42295929	HIP1R
57693	ENSG00000130803	813.120315	-0.09291929	0.09249722	0.30014129	0.52733399	ZNF317
56342	ENSG00000130810	1138.36296	0.06122324	0.08736793	0.47229137	0.69450495	PPAN
8666	ENSG00000130811	4201.16203	0.17594899	0.05887556	0.00246876	0.01282596	EIF3G
83854	ENSG00000130812	6.49097312	-0.26749405	0.48243703	0.08343851	0.21810542	ANGPTL6
55337	ENSG00000130813	200.595539	0.42144829	0.1921241	0.01249209	0.04980768	SHFL
1786	ENSG00000130816	5923.93995	-0.29310159	0.0717209	3.07E-05	0.00026337	DNMT1
79088	ENSG00000130818	393.753152	0.05174863	0.1409453	0.69398053	0.8520157	ZNF426
6535	ENSG00000130821	2068.0062	-0.25445424	0.07856682	0.00091145	0.00546812	SLC6A8
139728	ENSG00000130822	121.351667	-0.99081502	0.23398772	2.81E-06	2.94E-05	PNCK
1736	ENSG00000130826	1971.74544	-0.1181924	0.0721941	0.09518056	0.24026852	DKC1
55558	ENSG00000130827	1537.69719	-0.17752055	0.11428559	0.10221045	0.25341857	PLXNA3
1852	ENSG00000130829	15.2597148	0.0346429	0.33769233	0.83544252	0.92495422	DUSP9
4354	ENSG00000130830	69.1016232	0.2587564	0.26590452	0.20088035	0.40614145	MPP1

55422	ENSG00000130844	867.60856	-0.09699847	0.09355993	0.28408135	0.50919216	ZNF331
7776	ENSG00000130856	530.350892	-0.07985035	0.15128749	0.56462569	0.7670095	ZNF236
56301	ENSG00000130876	8.47098171	0.17082426	0.39316404	0.28152868	0.50630249	SLC7A10
4037	ENSG00000130881	1819.26811	0.00293872	0.07907463	0.97044231	0.98888633	LRP3
91574	ENSG00000130921	524.736288	0.00243757	0.11176791	0.98274217	0.99428951	C12orf65
25926	ENSG00000130935	1441.41441	-0.20051296	0.08851456	0.01962478	0.07182359	NOL11
10277	ENSG00000130939	1786.2523	-0.02280419	0.06986516	0.73933997	0.87688337	UBE4B
54897	ENSG00000130940	162.678753	0.39432595	0.20013232	0.02294082	0.08130509	CASZ1
10343	ENSG00000130943	56.6846857	0.47774679	0.30573347	0.03623262	0.11647038	PKDREJ
3293	ENSG00000130948	0	NA	NA	NA	NA	HSD17B3
54754	ENSG00000130950	0	NA	NA	NA	NA	NUTM2F
22927	ENSG00000130956	280.419323	0.09118532	0.13881918	0.4817205	0.70240082	HABP4
8789	ENSG00000130957	0.33471731	0.02354391	0.38534154	0.62842204	NA	FBP2
11046	ENSG00000130958	310.085806	0.33470964	0.13934532	0.00980336	0.04084389	SLC35D2
5638	ENSG00000130962	11.2239492	0.34881739	0.56275679	0.04393348	0.13469946	PRRG1
7317	ENSG00000130985	6658.8233	-0.13758676	0.05319552	0.00898195	0.03796375	UBA1
9104	ENSG00000130988	3.96726212	0.10786403	0.38729746	0.34166581	0.57180671	RGN
353497	ENSG00000130997	8.26959685	0.12891373	0.39005439	0.29843896	0.52528647	POLN
246126	ENSG00000131002	0	NA	NA	NA	NA	TXLNGY
425057	ENSG00000131007	0	NA	NA	NA	NA	TTY9B
85313	ENSG00000131013	456.844425	-0.0423109	0.11401284	0.6978161	0.85403149	PPIL4
80328	ENSG00000131015	3.80949374	0.0077451	0.36472169	0.94902706	0.97902958	ULBP2
9590	ENSG00000131016	3279.47946	-0.43670437	0.05822945	3.11E-14	8.00E-13	AKAP12
23345	ENSG00000131018	944.316293	0.25006496	0.14450534	0.06114724	0.17392993	SYNE1
79465	ENSG00000131019	4.82876159	-0.01494573	0.36209287	0.90151609	0.95673063	ULBP3
9113	ENSG00000131023	1221.69372	-0.09167424	0.09100146	0.29949508	0.52648412	LATS1
54869	ENSG00000131037	161.223196	-0.05351545	0.18814583	0.74427847	0.87963225	EPS8L1
10288	ENSG00000131042	0	NA	NA	NA	NA	LILRB2
25980	ENSG00000131043	857.66333	-0.14060886	0.09126137	0.11208008	0.27094782	AAR2
164395	ENSG00000131044	52.787547	0.11009264	0.25186406	0.56767443	0.76899226	TTLL9
140683	ENSG00000131050	0	NA	NA	NA	NA	BPIFA2
9584	ENSG00000131051	4391.18728	0.08174987	0.05388857	0.12554791	0.29446395	RBM39
84701	ENSG00000131055	27.6857854	0.43329661	0.42586918	0.07768207	0.20692968	COX4I2
128861	ENSG00000131059	0	NA	NA	NA	NA	BPIFA3
84905	ENSG00000131061	184.594648	0.09540683	0.16076152	0.51431738	0.72927793	ZNF341
2686	ENSG00000131067	1045.44414	-0.26332122	0.08989535	0.00251948	0.01306199	GGT7
117285	ENSG00000131068	0	NA	NA	NA	NA	DEFB118
55902	ENSG00000131069	383.151539	-0.10197755	0.12835621	0.39829377	0.62727695	ACSS2

60401	ENSG00000131080	136.130581	-0.7438403	0.22407948	0.00016748	0.00121091	EDA2R
23229	ENSG00000131089	462.669581	-0.50916723	0.13507009	5.97E-05	0.0004791	ARHGEF9
10882	ENSG00000131094	245.979429	-0.00632879	0.14945107	0.96225476	0.98476398	C1QL1
2670	ENSG00000131095	3.59970135	-0.0844431	0.3847686	0.38701749	0.61602672	GFAP
5697	ENSG00000131096	0.173733	0.01914545	0.38484597	0.78225479	NA	PYY
51751	ENSG00000131097	0	NA	NA	NA	NA	HIGD1B
529	ENSG00000131100	1015.63818	0.05194657	0.09324863	0.56644346	0.76820466	ATP6V1E1
7770	ENSG00000131115	619.618197	-0.21110328	0.10660242	0.03867458	0.12233795	ZNF227
126299	ENSG00000131116	982.703219	-0.31254296	0.08663386	0.00020498	0.00145503	ZNF428
83639	ENSG00000131126	0	NA	NA	NA	NA	TEX101
7700	ENSG00000131127	576.499167	-0.39472093	0.12245465	0.00065555	0.00407911	ZNF141
6370	ENSG00000131142	0.173733	0.01914545	0.38484597	0.78225479	NA	CCL25
1327	ENSG00000131143	4542.78392	0.02106602	0.06003936	0.7243491	0.86820892	COX4I1
10328	ENSG00000131148	506.473768	0.11655639	0.10856839	0.26307611	0.48504013	EMC8
23199	ENSG00000131149	8850.72756	-0.52134572	0.04882703	4.81E-27	2.46E-25	GSE1
NA	ENSG00000131152	1.56359704	0.06153354	0.39132085	0.13522809	NA	
51659	ENSG00000131153	627.021705	-0.31398768	0.10108406	0.00123757	0.00709227	GINS2
5119	ENSG00000131165	2087.99249	0.17976979	0.08322408	0.02676042	0.09183996	CHMP1A
6451	ENSG00000131171	689.937087	0.07872982	0.09688249	0.40231687	0.63048711	SH3BGRL
1349	ENSG00000131174	1422.22439	-0.00652801	0.0812788	0.93375897	0.97237716	COX7B
6569	ENSG00000131183	0	NA	NA	NA	NA	SLC34A1
2161	ENSG00000131187	348.607963	-0.43705652	0.13507122	0.00055002	0.00350317	F12
80758	ENSG00000131188	394.20198	-0.54491983	0.12273633	3.10E-06	3.23E-05	PRR7
4772	ENSG00000131196	0	NA	NA	NA	NA	NFATC1
3620	ENSG00000131203	0.29863895	-0.02292439	0.3852726	0.68753245	NA	IDO1
81025	ENSG00000131233	1.21613103	0.05045324	0.38902488	0.20730064	NA	GJA9
10487	ENSG00000131236	3799.97427	0.00645142	0.06831401	0.92434215	0.96852	CAP1
5538	ENSG00000131238	1838.88997	0.1118752	0.07379151	0.1228194	0.2900532	PPT1
84440	ENSG00000131242	1647.45586	-1.30569452	0.10528658	2.33E-36	1.64E-34	RAB11FIP4
51132	ENSG00000131263	1663.61067	-0.31193566	0.06966292	5.08E-06	5.09E-05	RLIM
1046	ENSG00000131264	0	NA	NA	NA	NA	CDX4
22	ENSG00000131269	667.011638	0.09515485	0.12325546	0.41560605	0.64249293	ABCB7
7187	ENSG00000131323	1086.54022	0.02212517	0.10426056	0.82658476	0.92144622	TRAF3
93323	ENSG00000131351	251.268378	-0.30667828	0.14884216	0.0250829	0.08736739	HAUS8
84658	ENSG00000131355	0	NA	NA	NA	NA	ADGRE3
64432	ENSG00000131368	1903.79521	0.08536392	0.07284279	0.23321364	0.45004948	MRPS25
9467	ENSG00000131370	537.57024	0.09380598	0.11140177	0.37918146	0.60816169	SH3BP5
26061	ENSG00000131373	217.297872	0.1071329	0.16820506	0.48053139	0.70158112	HACL1

9779	ENSG00000131374	2273.28759	-0.19455267	0.09101378	0.02738731	0.09338117	TBC1D5
23473	ENSG00000131375	887.057309	-0.11241882	0.11088736	0.28793501	0.51368788	CAPN7
23180	ENSG00000131378	2601.88199	-0.21638638	0.06654038	0.00094295	0.00563331	RFTN1
84077	ENSG00000131379	0	NA	NA	NA	NA	C3orf20
64145	ENSG00000131381	1078.36768	-0.03371252	0.07818845	0.65906061	0.83094576	RBSN
117248	ENSG00000131386	4.53908786	0.19692395	0.4509815	0.03552401	0.11461967	GALNT15
6533	ENSG00000131389	1255.62563	-0.1268352	0.09917459	0.18464916	0.38340548	SLC6A6
3748	ENSG00000131398	433.275446	-1.31162134	0.12872947	2.14E-25	1.03E-23	KCNC3
9476	ENSG00000131400	27.0073833	0.05837605	0.29727582	0.76211574	0.89011458	NAPSA
256236	ENSG00000131401	0.32404836	-0.00108855	0.38336652	0.99066559	NA	NAPSB
7376	ENSG00000131408	903.005495	0.47544879	0.11791422	2.31E-05	0.00020494	NR1H2
94030	ENSG00000131409	1648.50563	-0.18193993	0.07348646	0.0114638	0.04643563	LRRC4B
8572	ENSG00000131435	846.57548	0.09719595	0.11923365	0.3918082	0.62114503	PDLIM4
11127	ENSG00000131437	869.201103	-0.58826195	0.1409542	8.84E-06	8.48E-05	KIF3A
4245	ENSG00000131446	1162.60015	0.14878324	0.08143554	0.06138105	0.17444492	MGAT1
9945	ENSG00000131459	67.9292915	-0.19060872	0.27271364	0.33853435	0.56881111	GFPT2
7283	ENSG00000131462	1446.70783	-0.05035578	0.07542058	0.49561513	0.71440019	TUBG1
10197	ENSG00000131467	2824.76613	-0.24226357	0.07442311	0.00088523	0.00532696	PSME3
6155	ENSG00000131469	9922.86196	-0.22066539	0.04851388	4.37E-06	4.45E-05	RPL27
29893	ENSG00000131470	629.546314	0.0601363	0.10558304	0.55408319	0.76002561	PSMC3IP
8639	ENSG00000131471	9.09686134	0.48515344	0.75250304	0.03313449	0.10851572	AOC3
47	ENSG00000131473	8471.81551	-0.07152383	0.06525972	0.26570659	0.48802762	ACLY
84313	ENSG00000131475	805.199285	0.18726089	0.0879909	0.02860606	0.09673498	VPS25
10266	ENSG00000131477	81.9367422	-0.12120182	0.22525888	0.50759419	0.72355808	RAMP2
314	ENSG00000131480	19.7871494	0.30441486	0.40246937	0.16007605	0.34773993	AOC2
2538	ENSG00000131482	0	NA	NA	NA	NA	G6PC1
NA	ENSG00000131484	1.55991453	-0.0934555	0.39621208	0.1649301	NA	
4695	ENSG00000131495	807.287269	-0.01802584	0.10436618	0.85653751	0.93595581	NDUFA2
54882	ENSG00000131503	2438.63582	-0.11737931	0.07463424	0.10842262	0.26429596	ANKHD1
1729	ENSG00000131504	2317.72327	0.11266167	0.08376024	0.1682346	0.35936418	DIAPH1
80762	ENSG00000131507	1920.16186	-0.09071692	0.08524959	0.27709274	0.50146127	NDFIP1
7322	ENSG00000131508	1621.27851	-0.40475172	0.10383802	4.96E-05	0.00040539	UBE2D2
441543	ENSG00000131548	0	NA	NA	NA	NA	TTY6B
60412	ENSG00000131558	2611.21809	-0.04995645	0.06169445	0.41152689	0.63926507	EXOC4
116983	ENSG00000131584	2265.31998	0.21275685	0.08835391	0.01317872	0.05200193	ACAP3
54991	ENSG00000131591	588.444128	0.1863235	0.10891601	0.07393177	0.19932142	C1orf159
55107	ENSG00000131620	0.356286	0.02381422	0.38538061	0.6142166	NA	ANO1
8500	ENSG00000131626	1207.7045	-0.02993402	0.09226237	0.74532498	0.87994031	PPFIA1

79652	ENSG00000131634	31.9782647	-0.2777083	0.3320212	0.19754297	0.40156333	TMEM204
79412	ENSG00000131650	63.3957838	-0.8824916	0.31821774	0.00070108	0.00433315	KREMEN2
79228	ENSG00000131652	599.772004	0.08720823	0.10392542	0.38343148	0.61266407	THOC6
84231	ENSG00000131653	3201.93291	-0.01301723	0.06096261	0.828516	0.92220943	TRAF7
56033	ENSG00000131668	0	NA	NA	NA	NA	BARX1
4814	ENSG00000131669	259.009823	-0.17494489	0.1470278	0.19638148	0.40005705	NINJ1
765	ENSG00000131686	0	NA	NA	NA	NA	CA6
261734	ENSG00000131697	539.40084	-0.1151539	0.12148632	0.31648424	0.54448902	NPHP4
4131	ENSG00000131711	11589.2376	-1.04496932	0.06075331	3.41E-67	5.21E-65	MAP1B
84528	ENSG00000131721	0	NA	NA	NA	NA	RHOXF2
3597	ENSG00000131724	121.719875	1.86150766	0.23562071	2.09E-16	6.26E-15	IL13RA1
54521	ENSG00000131725	242.085224	0.04010347	0.14575054	0.7672741	0.89280791	WDR44
1160	ENSG00000131730	9.05666656	-0.07181636	0.3550682	0.63267005	0.81417935	CKMT2
84240	ENSG00000131732	409.721732	0.3211729	0.12342204	0.00593154	0.02691097	ZCCHC9
3885	ENSG00000131737	0	NA	NA	NA	NA	KRT34
3884	ENSG00000131738	0	NA	NA	NA	NA	KRT33B
84951	ENSG00000131746	0.80763644	0.03653866	0.38486192	0.46699599	NA	TNS4
7153	ENSG00000131747	10879.7774	-0.28228548	0.04737423	1.74E-09	2.90E-08	TOP2A
10948	ENSG00000131748	1003.25352	0.09019301	0.08938751	0.30047819	0.52765864	STARD3
5914	ENSG00000131759	995.761342	0.21749768	0.08744461	0.01050686	0.04312292	RARA
84152	ENSG00000131771	21.9190303	0.12961971	0.32980235	0.49334144	0.71236493	PPP1R1B
10656	ENSG00000131773	261.814132	0.21134411	0.16852401	0.16227505	0.35094147	KHDRBS3
9557	ENSG00000131778	1453.04294	-0.0919025	0.07969189	0.23770089	0.45499138	CHD1L
8799	ENSG00000131779	355.469208	-0.1893965	0.13293832	0.12782339	0.29835718	PEX11B
2330	ENSG00000131781	65.7195449	0.06452762	0.23391542	0.7301949	0.87103576	FMO5
10401	ENSG00000131788	860.95666	0.53384453	0.09652383	1.15E-08	1.73E-07	PIAS3
5565	ENSG00000131791	1138.65904	-0.01468819	0.07953738	0.85273094	0.93348077	PRKAB2
100132341	ENSG00000131797	476.024007	0.13132047	0.11784076	0.24144522	0.45949862	CLUHP3
2488	ENSG00000131808	0	NA	NA	NA	NA	FSHB
5160	ENSG00000131828	1078.01557	-0.00217155	0.08769107	0.97893503	0.99288138	PDHA1
10742	ENSG00000131831	41.3699895	-0.00268865	0.27917568	0.98701817	0.99565021	RAI2
64087	ENSG00000131844	1574.52487	-0.14352952	0.08034071	0.06724716	0.18615649	MCCC2
57343	ENSG00000131845	251.751328	-0.09796258	0.15032961	0.47772482	0.69938463	ZNF304
79149	ENSG00000131848	88.4203518	-0.05106021	0.24848502	0.78574444	0.90256888	ZSCAN5A
7691	ENSG00000131849	160.713756	-0.1010627	0.17212176	0.5103812	0.72572757	ZNF132
57663	ENSG00000131864	0	NA	NA	NA	NA	USP29
55829	ENSG00000131871	738.125752	0.39518004	0.09430778	1.49E-05	0.00013707	SELENOS
22856	ENSG00000131873	1380.74456	0.11426857	0.07268984	0.10937518	0.26596439	CHSY1

6627	ENSG00000131876	717.532509	-0.12632533	0.1076599	0.22040097	0.43277467	SNRPA1
NA	ENSG00000131885	0	NA	NA	NA	NA	KRT17P1
3996	ENSG00000131899	2117.16614	0.20801381	0.06546291	0.00125305	0.00717474	LLGL1
8431	ENSG00000131910	1.01348691	0.0309244	0.38200515	0.60807314	NA	NR0B2
79727	ENSG00000131914	0.81896772	-0.00791533	0.38149477	0.87919575	NA	LIN28A
55145	ENSG00000131931	180.051291	-0.02021576	0.17145665	0.89403682	0.95417323	THAP1
85415	ENSG00000131941	182.653341	-0.18682495	0.21209521	0.29156967	0.51751138	RHPN2
83636	ENSG00000131943	647.988392	-0.11266645	0.09844782	0.23550077	0.45230739	C19orf12
91442	ENSG00000131944	80.5503936	0.06759322	0.22926338	0.71517551	0.86271551	FAAP24
341883	ENSG00000131951	3.76615309	-0.01007961	0.37698167	0.88615346	0.95015905	LRRC9
55860	ENSG00000131966	625.081701	-0.01370119	0.09988346	0.88623908	0.95015905	ACTR10
145447	ENSG00000131969	5.95805383	0.3668254	0.67005705	0.01164237	0.04699584	ABHD12B
2643	ENSG00000131979	2572.03685	0.07541056	0.06843574	0.26304051	0.48504013	GCH1
3958	ENSG00000131981	109.519635	0.14463983	0.20816254	0.41082287	0.63847247	LGALS3
NA	ENSG00000131982	0	NA	NA	NA	NA	UBE2L2
79883	ENSG00000132000	38.7137392	-0.78279047	0.46217267	0.00997362	0.04137946	PODNL1
3337	ENSG00000132002	1510.88464	0.22900499	0.10988653	0.02934858	0.09864065	DNAJB1
65249	ENSG00000132003	969.742607	0.20716191	0.08836418	0.01584906	0.0603035	ZSWIM4
84261	ENSG00000132004	347.127675	0.36390916	0.13082988	0.00304899	0.01534161	FBXW9
5989	ENSG00000132005	536.202306	-0.16133906	0.12420037	0.16833144	0.35949363	RFX1
7568	ENSG00000132010	61.4558057	0.2495826	0.28924423	0.23000167	0.44593003	ZNF20
79173	ENSG00000132016	228.895719	-0.11524491	0.1691003	0.44630712	0.67062583	BRME1
90379	ENSG00000132017	795.10219	0.00251507	0.10504217	0.9811125	0.99355086	DCAF15
54862	ENSG00000132024	922.215853	0.03023369	0.10146497	0.7581655	0.88767331	CC2D1A
83546	ENSG00000132026	64.5619567	-0.18113528	0.25975538	0.35516708	0.58555051	RTBDN
4148	ENSG00000132031	112.345655	-0.34453416	0.2159435	0.05804576	0.16707209	MATN3
6737	ENSG00000132109	66.981002	0.26336144	0.27592336	0.19969399	0.40440224	TRIM21
54558	ENSG00000132122	230.962941	0.38101271	0.18864133	0.02152829	0.07723713	SPATA6
10489	ENSG00000132128	2225.8871	0.07929391	0.06812612	0.23725113	0.45434065	LRRC41
10693	ENSG00000132141	8.93044771	0.35086313	0.53379977	0.0769183	0.20530862	CCT6B
22907	ENSG00000132153	3240.7178	0.02180533	0.06256146	0.72494821	0.86844186	DHX30
5894	ENSG00000132155	2732.27077	0.10189395	0.07065816	0.14245983	0.3212532	RAF1
6538	ENSG00000132164	487.284079	-0.26488434	0.12604292	0.02550933	0.08852635	SLC6A11
5468	ENSG00000132170	10.906083	0.25013724	0.47456332	0.07539134	0.20223962	PPARG
23225	ENSG00000132182	6106.49795	-0.49441272	0.05743561	3.06E-18	1.04E-16	NUP210
84824	ENSG00000132185	0	NA	NA	NA	NA	FCRLA
51478	ENSG00000132196	385.240843	-0.05884952	0.14098364	0.65255307	0.82647002	HSD17B7
55556	ENSG00000132199	477.134833	0.22441027	0.14626448	0.09594925	0.24179261	ENOSF1

NA	ENSG00000132204	8.50184539	-1.58315225	1.23141817	0.00653572	0.02917839	LINC00470
84034	ENSG00000132205	147.23681	0.14734201	0.19523926	0.38172831	0.61081455	EMILIN2
548593	ENSG00000132207	1501.10878	0.29282131	0.07577866	7.86E-05	0.00061391	SLX1A
23647	ENSG00000132254	1533.98098	0.03803035	0.07766224	0.61769105	0.80429156	ARFIP2
85363	ENSG00000132256	29.5923731	5.38422323	0.9698527	6.92E-10	1.22E-08	TRIM5
1262	ENSG00000132259	1.24099725	0.08646518	0.39720667	0.10582374	NA	CNGA4
10346	ENSG00000132274	0.34110387	0.02362648	0.38535339	0.62410903	NA	TRIM22
23378	ENSG00000132275	479.580273	-0.45713338	0.14503269	0.00068237	0.00422805	RRP8
26515	ENSG00000132286	873.71573	-0.14652839	0.11223759	0.17086426	0.36291049	TIMM10B
23167	ENSG00000132294	1064.65033	0.00741265	0.09243928	0.94034732	0.97517789	EFR3A
10086	ENSG00000132297	0.54618237	0.03261825	0.38620504	0.45601618	NA	HHLA1
55037	ENSG00000132300	1487.67955	0.11192679	0.10179788	0.25423355	0.47477349	PTCD3
10989	ENSG00000132305	2045.45807	-0.02737785	0.07213111	0.69834554	0.85455335	IMMT
51318	ENSG00000132313	668.180188	-0.33200888	0.10512977	0.00098941	0.00585271	MRPL35
79781	ENSG00000132321	0.33471731	0.02354391	0.38534154	0.62842204	NA	IQCA1
80895	ENSG00000132323	500.813415	0.09183217	0.11764451	0.41259094	0.64014381	ILKAP
8864	ENSG00000132326	97.1995002	-0.29605068	0.22194328	0.10786671	0.26339391	PER2
10267	ENSG00000132329	1471.39227	0.36324481	0.08897337	2.62E-05	0.00022926	RAMP1
51540	ENSG00000132330	1147.56593	0.13215108	0.08430403	0.10811018	0.26372572	SCLY
5791	ENSG00000132334	24.0411772	0.71499798	0.95650101	0.01919588	0.07046185	PTPRE
5901	ENSG00000132341	6954.33991	-0.27907489	0.05727063	7.63E-07	8.80E-06	RAN
5562	ENSG00000132356	931.264755	-0.22538259	0.10832865	0.02954922	0.09920766	PRKAA1
84674	ENSG00000132357	1.31194181	0.02135235	0.379559	0.77048313	NA	CARD6
23108	ENSG00000132359	2504.23782	1.29059226	0.06546383	1.63E-87	3.77E-85	RAP1GAP2
23277	ENSG00000132361	1760.83573	-0.00270629	0.0715378	0.96745331	0.98759962	CLUH
51763	ENSG00000132376	448.919359	-0.04254015	0.15383753	0.76155657	0.88972737	INPP5K
10514	ENSG00000132382	2778.78763	0.09978604	0.06728594	0.1327013	0.30599649	MYBBP1A
6117	ENSG00000132383	2108.61164	-0.22118719	0.09017898	0.0113942	0.04621034	RPA1
5176	ENSG00000132386	625.483781	2.875874	0.12017836	8.28E-128	3.82E-125	SERPINF1
7326	ENSG00000132388	1482.43806	0.22097135	0.08132675	0.00536011	0.02469294	UBE2G1
60678	ENSG00000132394	614.423314	0.11963011	0.10278005	0.22675109	0.44131269	EEFSEC
57533	ENSG00000132405	2243.39711	-0.17574564	0.06289969	0.00457629	0.0215918	TBC1D14
85013	ENSG00000132406	427.572973	0.13892877	0.13350429	0.26696175	0.48937642	TMEM128
51805	ENSG00000132423	118.473439	-0.00595171	0.19540147	0.9704444	0.98888633	COQ3
25957	ENSG00000132424	5356.32168	0.18726384	0.05242039	0.00030904	0.00210413	PNISR
64208	ENSG00000132429	306.356906	-0.66165496	0.14915377	2.23E-06	2.38E-05	POPDC3
23480	ENSG00000132432	1179.0293	-0.10054666	0.08446582	0.2217876	0.43480888	SEC61G
55915	ENSG00000132434	458.396178	-0.48294398	0.12509479	4.53E-05	0.00037565	LANCL2

63979	ENSG00000132436	1102.11624	-0.25241566	0.08493344	0.0022494	0.01184083	FIGNL1
1644	ENSG00000132437	1700.948	-1.61525412	0.08853616	1.86E-75	3.41E-73	DDC
53940	ENSG00000132446	0	NA	NA	NA	NA	FTHL17
2926	ENSG00000132463	1934.64962	-0.18677039	0.07870194	0.01514064	0.05809133	GRSF1
10117	ENSG00000132464	0	NA	NA	NA	NA	ENAM
3512	ENSG00000132465	0	NA	NA	NA	NA	JCHAIN
26057	ENSG00000132466	3859.10999	-0.20141286	0.05531215	0.00021724	0.00153162	ANKRD17
57050	ENSG00000132467	853.897145	0.00806621	0.10288355	0.93675127	0.97351594	UTP3
3691	ENSG00000132470	40.8515741	0.00603457	0.28218191	0.97667042	0.99207153	ITGB4
23558	ENSG00000132471	2076.07091	-0.01282282	0.06704263	0.84515387	0.92965052	WBP2
3021	ENSG00000132475	14152.2091	0.28137565	0.05073313	2.16E-08	3.12E-07	H3-3B
85451	ENSG00000132478	1703.47279	0.01992104	0.07921415	0.79802658	0.9074513	UNK
91107	ENSG00000132481	39.7208835	-0.18256947	0.28580647	0.36461606	0.59423075	TRIM47
9406	ENSG00000132485	2404.84547	0.09130796	0.07834962	0.23406122	0.45093611	ZRANB2
1984	ENSG00000132507	8553.64109	-0.18647062	0.05952892	0.00147628	0.00826683	EIF5A
23135	ENSG00000132510	2380.66821	0.21046625	0.08847436	0.0143316	0.05556751	KDM6B
10462	ENSG00000132514	0	NA	NA	NA	NA	CLEC10A
55065	ENSG00000132517	1.47380488	0.02867712	0.3815687	0.64111572	NA	SLC52A1
3000	ENSG00000132518	2.20425671	0.0901798	0.38881274	0.32703552	NA	GUCY2D
2874	ENSG00000132522	1235.43597	-0.13442753	0.0806428	0.08776809	0.22632101	GPS2
54739	ENSG00000132530	0	NA	NA	NA	NA	XAF1
1742	ENSG00000132535	921.424771	-0.16211801	0.09839384	0.08744279	0.22586501	DLG4
10247	ENSG00000132541	141.55961	-0.99794608	0.21369732	3.74E-07	4.56E-06	RIDA
157680	ENSG00000132549	1310.04197	0.10443886	0.08920431	0.22874275	0.44405638	VPS13B
26166	ENSG00000132554	0.76994472	-0.03644129	0.38642285	0.53879405	NA	RGS22
4147	ENSG00000132561	24.7958343	0.48205298	0.45413678	0.06014417	0.17157108	MATN2
51308	ENSG00000132563	1224.55472	-0.44972679	0.08689319	1.03E-07	1.36E-06	REEP2
84105	ENSG00000132570	257.635586	-0.65041914	0.1747307	4.72E-05	0.00038923	PCBD2
6388	ENSG00000132581	550.24919	0.18170575	0.1066871	0.07579147	0.20295623	SDF2
2319	ENSG00000132589	3510.08478	0.32937775	0.06884556	1.11E-06	1.25E-05	FLOT2
26284	ENSG00000132591	915.360659	-0.02206928	0.09436062	0.84659883	0.93050362	ERAL1
54496	ENSG00000132600	689.700011	-0.08417354	0.10230925	0.39245301	0.62172726	PRMT7
51388	ENSG00000132603	897.361967	0.00200391	0.09414848	0.98336436	0.99428951	NIP7
7014	ENSG00000132604	842.235828	-0.47159358	0.11016091	7.82E-06	7.59E-05	TERF2
27183	ENSG00000132612	2144.15051	-0.05666638	0.06662996	0.38734605	0.61635625	VPS4A
92154	ENSG00000132613	1941.43165	-0.18099507	0.09042915	0.03898132	0.12307279	MTSS2
116835	ENSG00000132622	31.9438631	-0.32242755	0.36450782	0.14891885	0.33152468	HSPA12B
63926	ENSG00000132623	202.769397	0.27975871	0.16574477	0.06117569	0.17396096	ANKEF1

140856	ENSG00000132631	0	NA	NA	NA	NA	SCP2D1
64773	ENSG00000132635	1168.92565	0.40783404	0.08009043	1.86E-07	2.37E-06	PCED1A
6616	ENSG00000132639	1170.15003	-1.54602786	0.09691944	2.39E-58	3.01E-56	SNAP25
22903	ENSG00000132640	1295.90603	0.54847802	0.08405636	2.39E-11	4.89E-10	BTBD3
5111	ENSG00000132646	3092.3559	-0.21856895	0.08260057	0.00663296	0.02953564	PCNA
29107	ENSG00000132661	306.641997	-0.18233326	0.13294177	0.14235923	0.32117652	NXT1
10621	ENSG00000132664	271.494921	0.11901101	0.14727759	0.3818139	0.61090223	POLR3F
54453	ENSG00000132669	45.8643257	-0.20805958	0.30104119	0.30745723	0.53489578	RIN2
5786	ENSG00000132670	1761.17924	0.07042379	0.07110869	0.31384074	0.54165894	PTPRA
6754	ENSG00000132671	0	NA	NA	NA	NA	SSTR4
7818	ENSG00000132676	2117.2518	-0.06815435	0.06263314	0.26999845	0.49316601	DAP3
57127	ENSG00000132677	2.69629369	0.08815649	0.38725108	0.34751618	0.57819389	RHBG
22889	ENSG00000132680	2541.72473	0.0695402	0.08687486	0.41630305	0.64306408	KHDC4
480	ENSG00000132681	0.3400998	0.00219723	0.38337765	0.96670829	NA	ATP1A4
10763	ENSG00000132688	7312.74703	-0.61177823	0.06096199	3.15E-24	1.45E-22	NES
63827	ENSG00000132692	110.872641	-0.58725763	0.23217405	0.00298825	0.01507802	BCAN
1401	ENSG00000132693	0	NA	NA	NA	NA	CRP
9826	ENSG00000132694	1939.40012	0.03876404	0.0958967	0.67791978	0.84273994	ARHGEF11
57111	ENSG00000132698	3.16349965	0.21630871	0.46764594	0.03600843	0.11586234	RAB25
60484	ENSG00000132702	13.6365786	0.35320898	0.53905315	0.0736608	0.19875293	HAPLN2
325	ENSG00000132703	0	NA	NA	NA	NA	APCS
79368	ENSG00000132704	0	NA	NA	NA	NA	FCRL2
50717	ENSG00000132716	2366.27666	0.45338678	0.07080194	7.06E-11	1.38E-09	DCAF8
23208	ENSG00000132718	3195.52583	-1.09403958	0.06354061	2.31E-67	3.62E-65	SYT11
3508	ENSG00000132740	561.505582	-0.06380166	0.10742392	0.53537096	0.74627695	IGHMBP2
91703	ENSG00000132744	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ACY3
222	ENSG00000132746	0	NA	NA	NA	NA	ALDH3B2
9633	ENSG00000132749	239.94464	0.28368276	0.17135946	0.06428697	0.18040361	TESMIN
25974	ENSG00000132763	285.861848	0.02919328	0.13743533	0.82099103	0.91847813	MMACHC
1802	ENSG00000132768	1288.32042	-0.15407585	0.08966175	0.07659566	0.20464017	DPH2
114034	ENSG00000132773	339.318347	-0.20617347	0.1309764	0.0927589	0.23566865	TOE1
4678	ENSG00000132780	6392.5325	0.07158135	0.05277155	0.17167695	0.36420774	NASP
4595	ENSG00000132781	567.850194	0.34575603	0.12075558	0.00250636	0.01300029	MUTYH
56259	ENSG00000132792	826.408275	-0.07403443	0.09085899	0.4010612	0.62946398	CTNBL1
64900	ENSG00000132793	8.80066804	2.20069613	1.08384469	0.00154515	0.0086039	LPIN3
140831	ENSG00000132801	100.975586	-0.20371652	0.21321945	0.25337921	0.47375776	ZSWIM3
55544	ENSG00000132819	896.140855	-0.26880552	0.0907959	0.0022417	0.01180969	RBM38
128434	ENSG00000132821	507.699159	-1.47954301	0.15508834	1.09E-22	4.67E-21	VSTM2L

51526	ENSG00000132823	393.593258	-0.0574134	0.13126005	0.64076771	0.82008361	OSER1
10955	ENSG00000132824	1053.79748	-0.08416165	0.08394515	0.30348778	0.53085409	SERINC3
5509	ENSG00000132825	96.2828541	0.4976174	0.23494643	0.01139853	0.04621842	PPP1R3D
NA	ENSG00000132832	3.61664045	0.2221978	0.46636813	0.05193223	0.15341504	
29958	ENSG00000132837	23.1249388	0.55593428	0.54505645	0.04109681	0.12808053	DMGDH
23743	ENSG00000132840	0	NA	NA	NA	NA	BHMT2
8546	ENSG00000132842	778.042907	0.30071181	0.09548013	0.00111802	0.00649722	AP3B1
84327	ENSG00000132846	819.866833	0.59799866	0.12900179	1.05E-06	1.19E-05	ZBED3
10207	ENSG00000132849	239.356119	0.39609695	0.19982881	0.02216014	0.07906081	PATJ
163782	ENSG00000132854	64.1835187	-3.06541001	0.39960434	1.11E-15	3.16E-14	KANK4
27329	ENSG00000132855	1.8526157	-0.09795016	0.39820621	0.13508234	NA	ANGPTL3
6860	ENSG00000132872	6862.50392	-1.10465088	0.0768358	9.07E-48	8.41E-46	SYT4
8170	ENSG00000132874	1.13134361	0.06144845	0.39097037	0.17672426	NA	SLC14A2
93611	ENSG00000132879	541.507927	-0.18602081	0.11049992	0.07757199	0.2066702	FBXO44
79363	ENSG00000132881	112.181582	0.30464525	0.27224129	0.13917929	0.31601249	CPLANE2
842	ENSG00000132906	196.375697	0.29734298	0.1678974	0.0490758	0.14693914	CASP9
56923	ENSG00000132911	0	NA	NA	NA	NA	NMUR2
51164	ENSG00000132912	1966.94826	-0.43362077	0.07238245	1.02E-09	1.75E-08	DCTN4
5145	ENSG00000132915	23.9484474	-0.07977111	0.30909093	0.67151599	0.83826144	PDE6A
51761	ENSG00000132932	2.13104563	0.14381209	0.42231578	0.02204775	NA	ATP8A2
23281	ENSG00000132938	11.9058067	-0.4350607	0.63047575	0.04413114	0.13518014	MTUS2
9205	ENSG00000132950	226.973789	-0.19865621	0.17451841	0.19999762	0.40493447	ZMYM5
10208	ENSG00000132952	583.593768	-0.21011887	0.12556856	0.07560179	0.20255766	USPL1
64328	ENSG00000132953	1414.90403	0.01816363	0.0914264	0.83868006	0.92674595	XPO4
93492	ENSG00000132958	1.50517803	0.0221318	0.37949143	0.74905281	NA	TPTE2
51371	ENSG00000132963	1146.13741	-0.13541462	0.08982987	0.1204917	0.28605424	POMP
1024	ENSG00000132964	533.552437	-0.02616425	0.11010935	0.80307202	0.9104022	CDK8
241	ENSG00000132965	0.3518339	-0.00497886	0.38344636	0.98710913	NA	ALOX5AP
NA	ENSG00000132967	74.4631695	0.62986545	0.37107351	0.01620477	0.06143205	HMGB1P5
10810	ENSG00000132970	1667.85243	0.08274291	0.07921328	0.28501085	0.51037097	WASF3
56163	ENSG00000132972	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RNF17
2835	ENSG00000132975	12.7384737	-3.42098154	1.00659286	5.46E-05	0.00044198	GPR12
1131	ENSG00000133019	6683.83418	-0.20371563	0.06021217	0.00060313	0.00380116	CHRM3
4626	ENSG00000133020	0	NA	NA	NA	NA	MYH8
4628	ENSG00000133026	9553.57816	0.26669887	0.0677756	6.30E-05	0.00050369	MYH10
10400	ENSG00000133027	471.681291	0.12096531	0.12755841	0.31462197	0.5422726	PEMT
6341	ENSG00000133028	1264.48964	0.10725028	0.08454859	0.19296823	0.39558686	SCO1
23164	ENSG00000133030	8392.03769	-0.18952254	0.0778307	0.012737	0.05060114	MPRIIP

1116	ENSG00000133048	0.33471731	0.02354391	0.38534154	0.62842204	NA	CHI3L1
4608	ENSG00000133055	0.173124	-0.01911262	0.38486262	0.84537521	NA	MYBPH
5287	ENSG00000133056	757.48408	-0.15160377	0.09628002	0.1031591	0.2551347	PIK3C2B
25778	ENSG00000133059	872.04995	0.07684543	0.09373709	0.39834742	0.62727695	DSTYK
1118	ENSG00000133063	0.43485182	0.02575927	0.3855378	0.59020656	NA	CHIT1
254428	ENSG00000133065	1112.76551	0.03242704	0.09093171	0.67957166	0.84361793	SLC41A1
59352	ENSG00000133067	2.86813471	-0.02327039	0.37383332	0.79923071	0.90801909	LGR6
9911	ENSG00000133069	583.677436	0.07731431	0.12198379	0.50403011	0.72050994	TMCC2
9201	ENSG00000133083	445.941105	-0.58845656	0.12612269	9.22E-07	1.05E-05	DCLK1
8900	ENSG00000133101	69.9043033	-0.04494744	0.23053196	0.8063145	0.9122093	CCNA1
57511	ENSG00000133103	384.473664	0.25562495	0.16298054	0.0825658	0.21637154	COG6
23111	ENSG00000133104	580.55397	0.09010548	0.11493216	0.41117876	0.63882432	SPART
122042	ENSG00000133105	2.2094203	0.0994326	0.39771759	0.17149161	NA	RXFP2
94240	ENSG00000133106	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EPSTI1
7223	ENSG00000133107	0	NA	NA	NA	NA	TRPC4
10631	ENSG00000133110	0	NA	NA	NA	NA	POSTN
5994	ENSG00000133111	298.886878	-0.28897334	0.13574461	0.02241961	0.07981428	RFXAP
7178	ENSG00000133112	24016.9141	-0.1503269	0.0475074	0.00140514	0.00793566	TPT1
55425	ENSG00000133114	660.052009	-0.12934533	0.10216962	0.18820177	0.38858602	GPALPP1
161003	ENSG00000133115	0	NA	NA	NA	NA	STOML3
9365	ENSG00000133116	1.7228245	-0.07172359	0.38739277	0.33555723	NA	KL
5983	ENSG00000133119	1369.1854	-0.44861847	0.07603147	1.69E-09	2.82E-08	RFC3
90627	ENSG00000133121	509.474292	-0.93265542	0.12611668	2.07E-14	5.36E-13	STARD13
8471	ENSG00000133124	0	NA	NA	NA	NA	IRS4
79710	ENSG00000133131	230.01971	-0.0580824	0.14852422	0.6723101	0.83874944	MORC4
84707	ENSG00000133134	608.566992	-0.54872392	0.10164134	2.32E-08	3.33E-07	BEX2
79589	ENSG00000133135	0	NA	NA	NA	NA	RNF128
NA	ENSG00000133136	0	NA	NA	NA	NA	GNG5P2
54885	ENSG00000133138	5.93739281	-0.00257001	0.354916	0.98316743	0.99428951	TBC1D8B
79921	ENSG00000133142	879.742477	-0.20261206	0.10488048	0.0439943	0.13484427	TCEAL4
55859	ENSG00000133169	2094.83998	-0.80037734	0.07891951	6.93E-25	3.29E-23	BEX1
84923	ENSG00000133193	1003.47106	0.17787088	0.09430022	0.05154152	0.1524879	FAM104A
201266	ENSG00000133195	283.744903	-0.20778772	0.15161402	0.13435146	0.30858343	SLC39A11
2048	ENSG00000133216	2116.75652	-0.30173507	0.08271932	0.00017972	0.00129127	EPHB2
10250	ENSG00000133226	1957.76685	-0.04616241	0.08014381	0.55161964	0.75806149	SRRM1
55643	ENSG00000133243	3809.82755	0.13047715	0.05616371	0.0188381	0.06937959	BTBD2
84106	ENSG00000133246	1.86974123	0.12639289	0.4100604	0.08150668	NA	PRAM1
84787	ENSG00000133247	753.718145	0.26205542	0.10197267	0.00753241	0.03286629	KMT5C

84330	ENSG00000133250	265.362814	0.46079526	0.1673412	0.00239959	0.01252178	ZNF414
5158	ENSG00000133256	112.244349	0.04034948	0.20748738	0.81894748	0.91749495	PDE6B
23640	ENSG00000133265	1437.06703	0.12591738	0.09070539	0.15300401	0.33777674	HSPBP1
1455	ENSG00000133275	2497.54403	0.20308351	0.0622375	0.00093524	0.00559735	CSNK1G2
84250	ENSG00000133302	674.637524	0.33031062	0.11031802	0.00170936	0.0093767	SLF1
55748	ENSG00000133313	810.808223	0.12411448	0.10664633	0.22555938	0.43951541	CNDP2
28992	ENSG00000133315	763.173203	0.10626768	0.10816217	0.3051415	0.53254815	MACROD1
54663	ENSG00000133316	853.569176	0.25219708	0.0896922	0.00376329	0.01832689	WDR74
85329	ENSG00000133317	0	NA	NA	NA	NA	LGALS12
10313	ENSG00000133318	3317.13383	-0.58451356	0.06369921	1.42E-20	5.49E-19	RTN3
5920	ENSG00000133321	0	NA	NA	NA	NA	PLAAT4
54979	ENSG00000133328	0.31814294	0.00109006	0.38336631	0.9666328	NA	PLAAT2
4629	ENSG00000133392	14.3323178	-0.1299677	0.35798262	0.43782377	0.66289835	MYH11
123811	ENSG00000133393	497.478167	-0.17077609	0.12296586	0.14148272	0.31988799	CEP20
84246	ENSG00000133398	598.349701	0.29433638	0.1097321	0.00500826	0.02324844	MED10
23037	ENSG00000133401	184.290378	-0.00864476	0.1802802	0.95540953	0.9817074	PDZD2
22880	ENSG00000133422	1234.55873	-0.04304991	0.11513204	0.69413137	0.85201936	MORC2
9215	ENSG00000133424	169.45521	0.22489845	0.18804937	0.17127734	0.36363215	LARGE1
653689	ENSG00000133433	239.166513	0.24554227	0.16955062	0.10637205	0.26080345	GSTT2B
84700	ENSG00000133454	28.3388274	-0.17163107	0.31039016	0.3926813	0.62191102	MYO18B
66035	ENSG00000133460	453.686547	-0.12532793	0.12429183	0.28523548	0.51070046	SLC2A11
114904	ENSG00000133466	489.323747	0.5237942	0.12118741	5.63E-06	5.62E-05	C1QTNF6
728441	ENSG00000133475	1.78740445	0.07744508	0.38968192	0.28656823	NA	GGT2
113828	ENSG00000133477	0	NA	NA	NA	NA	FAM83F
284904	ENSG00000133488	0	NA	NA	NA	NA	SEC14L4
NA	ENSG00000133519	185.678089	-0.30585908	0.17275746	0.04720581	0.1422916	ZDHHC8P1
474344	ENSG00000133561	0	NA	NA	NA	NA	GIMAP6
55303	ENSG00000133574	0	NA	NA	NA	NA	GIMAP4
90956	ENSG00000133597	459.700111	0.06072094	0.11936471	0.59323339	0.78711401	ADCK2
23608	ENSG00000133606	1951.93216	0.14785404	0.08357857	0.06969078	0.19085983	MKRN1
116988	ENSG00000133612	3440.18166	-0.13615602	0.0630829	0.02850053	0.09642745	AGAP3
84626	ENSG00000133619	501.827338	0.15157281	0.1367363	0.23502242	0.45186105	KRBA1
79970	ENSG00000133624	571.507277	0.21027349	0.13066207	0.08618201	0.22346533	ZNF767P
57180	ENSG00000133627	832.291495	-0.14381748	0.09800219	0.1283094	0.29899782	ACTR3B
4922	ENSG00000133636	14.8391575	-0.00974549	0.32824546	0.95285176	0.98058207	NTS
694	ENSG00000133639	1249.7922	-0.00421976	0.07893791	0.95573041	0.9818048	BTG1
84125	ENSG00000133640	93.0006033	0.28449522	0.27322938	0.16534564	0.35537401	LRRIQ1
91298	ENSG00000133641	685.201374	-0.3669532	0.11329283	0.00067473	0.00418724	C12orf29

79572	ENSG00000133657	2434.56607	-0.58823019	0.09832872	6.73E-10	1.19E-08	ATP13A3
6441	ENSG00000133661	11.8470388	0.15101753	0.37391305	0.35622176	0.58626626	SFTPD
84332	ENSG00000133665	23.1957258	0.05019177	0.33531591	0.76623498	0.89247205	DYDC2
80195	ENSG00000133678	238.401648	-0.19682302	0.16939134	0.1938021	0.39665339	TMEM254
83857	ENSG00000133687	168.538843	0.62168322	0.2155421	0.00097744	0.00579914	TMTC1
3845	ENSG00000133703	1459.37756	0.01371894	0.0746853	0.85274221	0.93348077	KRAS
10526	ENSG00000133704	1678.7958	-0.04804994	0.07021652	0.48523371	0.70532909	IPO8
51520	ENSG00000133706	6723.44369	-0.02333705	0.06060107	0.68928648	0.84914274	LARS1
11005	ENSG00000133710	0.18922458	0.01954053	0.38488496	0.78225479	NA	SPINK5
3612	ENSG00000133731	672.822094	-0.18056398	0.10456555	0.07203154	0.19555978	IMPA1
85444	ENSG00000133739	197.736547	0.19216053	0.16047377	0.18722655	0.38733835	LRRCC1
1875	ENSG00000133740	315.992666	0.01412416	0.12951801	0.90874672	0.96049944	E2F5
759	ENSG00000133742	0	NA	NA	NA	NA	CA1
29080	ENSG00000133773	361.413752	0.08105035	0.12512809	0.49373731	0.7125217	CCDC59
23075	ENSG00000133789	707.062924	-0.04460342	0.09643521	0.63043425	0.81309339	SWAP70
406	ENSG00000133794	421.618981	-0.59524921	0.14540901	1.24E-05	0.00011579	ARNTL
10894	ENSG00000133800	3.17594966	0.21551357	0.46807088	0.03198224	0.10552598	LYVE1
272	ENSG00000133805	92.5917105	-0.22916381	0.23417179	0.22422888	0.43795047	AMPD3
81846	ENSG00000133812	1442.8789	-0.04433055	0.07906503	0.56461248	0.7670095	SBF2
9645	ENSG00000133816	71.2035137	-0.51608018	0.31277773	0.02628569	0.09050816	MICAL2
84953	ENSG00000133816	71.2035137	-0.51608018	0.31277773	0.02628569	0.09050816	MICAL2
22800	ENSG00000133818	308.194578	-0.20440221	0.14084735	0.11756763	0.28111968	RRAS2
3295	ENSG00000133835	2094.47712	0.15853327	0.08387131	0.05255405	0.15469917	HSD17B4
196441	ENSG00000133858	1420.35153	-0.03570403	0.07738232	0.63703794	0.81722218	ZFC3H1
56154	ENSG00000133863	686.905644	-1.00142063	0.12132476	1.94E-17	6.17E-16	TEX15
51669	ENSG00000133872	3006.29307	-0.00886968	0.06389443	0.88752037	0.95077776	SARAF
79845	ENSG00000133874	441.988512	0.25591846	0.11715124	0.02150448	0.07717959	RNF122
78986	ENSG00000133878	775.691985	-0.34186299	0.10480929	0.00067209	0.00417219	DUSP26
5977	ENSG00000133884	1086.5642	0.14680344	0.10083971	0.13113662	0.30358816	DPF2
4221	ENSG00000133895	1582.14557	0.15183387	0.07748321	0.04529943	0.1378648	MEN1
11161	ENSG00000133935	509.505053	0.06179816	0.1126814	0.56584791	0.76767113	ERG28
145258	ENSG00000133937	49.313173	0.73979054	0.35692669	0.00578028	0.02631501	GSC
80017	ENSG00000133943	356.275399	-0.19122557	0.13380414	0.12616901	0.29546661	DGLUCY
57578	ENSG00000133958	1044.21236	-2.15686028	0.10449925	7.29E-96	2.13E-93	UNC79
8650	ENSG00000133961	1144.71197	-0.47274572	0.11013052	7.36E-06	7.17E-05	NUMB
79820	ENSG00000133962	0	NA	NA	NA	NA	CATSPERB
55237	ENSG00000133980	0	NA	NA	NA	NA	VRTN
51241	ENSG00000133983	596.408165	0.00937195	0.10786468	0.93068082	0.97111825	COX16

23508	ENSG00000133985	212.405487	0.26658119	0.1595225	0.06585416	0.18345221	TTC9
10001	ENSG00000133997	536.076123	0.05672793	0.10918776	0.58849362	0.78323697	MED6
1965	ENSG00000134001	1390.0038	-0.30241774	0.11523009	0.00575842	0.02622752	EIF2S1
8748	ENSG00000134007	0.33471731	0.02354391	0.38534154	0.62842204	NA	ADAM20
4017	ENSG00000134013	175.869765	0.92059751	0.24228745	1.93E-05	0.00017329	LOXL2
55140	ENSG00000134014	733.400892	-0.19006414	0.09813146	0.04451937	0.13604654	ELP3
157310	ENSG00000134020	0.69644283	0.04118148	0.38726566	0.34952825	NA	PEBP4
27299	ENSG00000134028	0	NA	NA	NA	NA	ADAMDEC1
9811	ENSG00000134030	1922.75255	-0.18689866	0.07108576	0.00736319	0.03222714	CTIF
83876	ENSG00000134042	5.72905871	0.15084192	0.40010722	0.25028437	0.47023123	MRO
8932	ENSG00000134046	526.188837	-0.04952002	0.14010721	0.70229443	0.85686744	MBD2
51124	ENSG00000134049	764.341859	-0.07243068	0.0994665	0.44811537	0.67210531	IER3IP1
92259	ENSG00000134056	285.005329	-0.2274068	0.14659186	0.09184164	0.23405757	MRPS36
891	ENSG00000134057	2072.3222	-0.18972432	0.08221824	0.01784413	0.06649655	CCNB1
1022	ENSG00000134058	252.934484	0.21820375	0.15232537	0.11803298	0.2818698	CDK7
4064	ENSG00000134061	0	NA	NA	NA	NA	CD180
3656	ENSG00000134070	14.8428807	-0.16278462	0.35624705	0.37689245	0.60570261	IRAK2
8536	ENSG00000134072	263.045699	-0.44884536	0.15463112	0.00157982	0.00876745	CAMK1
25917	ENSG00000134077	1075.89069	-0.34915665	0.09083542	7.34E-05	0.00057947	THUMPD3
7428	ENSG00000134086	2079.6928	-0.20220719	0.07103949	0.00371797	0.01815964	VHL
8553	ENSG00000134107	24.7408314	-0.16421447	0.3421694	0.39173935	0.62114503	BHLHE40
55207	ENSG00000134108	860.570234	-0.202482	0.09788864	0.03179678	0.10503632	ARL8B
9695	ENSG00000134109	629.125047	0.44334802	0.1532736	0.00164692	0.00908647	EDEM1
27255	ENSG00000134115	48.3180063	1.2408909	0.39809913	0.00013888	0.001022	CNTN6
10752	ENSG00000134121	15.2917251	0.11419109	0.38651867	0.3053564	0.5327826	CHL1
4212	ENSG00000134138	3865.13024	-0.24423028	0.07471519	0.00083943	0.00507291	MEIS2
89978	ENSG00000134146	168.494973	-0.29143116	0.1924021	0.08091908	0.21334235	DPH6
79768	ENSG00000134152	540.893753	0.39578778	0.13584038	0.00183472	0.00994017	KATNBL1
56851	ENSG00000134153	506.077392	-0.16084515	0.11030985	0.12681201	0.29662228	EMC7
4308	ENSG00000134160	0	NA	NA	NA	NA	TRPM1
2780	ENSG00000134183	1.86981588	0.01826221	0.37632415	0.83263004	NA	GNAT2
2944	ENSG00000134184	0.173733	0.01914545	0.38484597	0.78225479	NA	GSTM1
55119	ENSG00000134186	2295.92231	-0.04728251	0.07349723	0.51148945	0.72672234	PRPF38B
83998	ENSG00000134193	0	NA	NA	NA	NA	REG4
10100	ENSG00000134198	265.111147	-0.02983424	0.14369905	0.82181571	0.91847813	TSPAN2
7252	ENSG00000134200	0.52119901	0.02576573	0.38568143	0.51723676	NA	TSHB
2949	ENSG00000134201	2.14208696	0.08259543	0.39492863	0.11757026	NA	GSTM5
2947	ENSG00000134202	653.86164	0.07100179	0.1073133	0.49120391	0.71060078	GSTM3

148281	ENSG00000134207	0	NA	NA	NA	NA	SYT6
10451	ENSG00000134215	164.137192	-0.36450929	0.2051354	0.03793944	0.12066663	VAV3
27159	ENSG00000134216	0	NA	NA	NA	NA	CHIA
84722	ENSG00000134222	677.28814	-0.20864783	0.11370915	0.0531025	0.15587419	PSRC1
3158	ENSG00000134240	0	NA	NA	NA	NA	HMGCS2
26191	ENSG00000134242	0.84907133	-0.04552917	0.38787827	0.31635245	NA	PTPN22
6272	ENSG00000134243	1744.31909	-0.25155936	0.07464671	0.00057446	0.00364477	SORT1
7482	ENSG00000134245	98.5776044	0.10434933	0.22202457	0.56747898	0.76896903	WNT2B
5738	ENSG00000134247	1708.95272	0.37441213	0.08419914	5.05E-06	5.07E-05	PTGFRN
10542	ENSG00000134248	964.231264	0.28173653	0.09574185	0.00232135	0.01216291	LAMTOR5
11085	ENSG00000134249	0	NA	NA	NA	NA	ADAM30
4853	ENSG00000134250	2088.28031	0.37083423	0.07039045	8.08E-08	1.08E-06	NOTCH2
80263	ENSG00000134253	194.852556	0.4819453	0.17693573	0.00244121	0.01270225	TRIM45
10390	ENSG00000134255	410.213806	-0.09736447	0.12143738	0.39648167	0.62574149	CEPT1
9398	ENSG00000134256	28.5362845	0.86266017	0.641398	0.0128708	0.05105345	CD101
79679	ENSG00000134258	1.27075225	0.06925222	0.38969475	0.23537421	NA	VTCN1
4803	ENSG00000134259	16.1488062	-0.78169589	0.69381993	0.01957	0.07166922	NGF
10717	ENSG00000134262	305.530327	-0.09788801	0.14956795	0.47601678	0.69806881	AP4B1
8774	ENSG00000134265	531.670598	0.11201741	0.11549455	0.30933408	0.53712343	NAPG
56907	ENSG00000134278	535.756381	-0.58365209	0.13826195	7.25E-06	7.08E-05	SPIRE1
51535	ENSG00000134283	1302.68599	0.06523197	0.08046045	0.4030226	0.63099498	PPHLN1
51303	ENSG00000134285	413.775484	0.80378002	0.12655949	3.98E-11	8.00E-10	FKBP11
377	ENSG00000134287	3230.25757	-0.18130485	0.07182869	0.01006261	0.04165471	ARF3
79022	ENSG00000134291	1741.10563	-0.07087966	0.08397427	0.38639815	0.61555639	TMEM106C
54407	ENSG00000134294	4097.43031	0.14244247	0.06475126	0.02560499	0.08874965	SLC38A2
51054	ENSG00000134297	104.310177	0.15041918	0.2414662	0.4289058	0.65462623	PLEKHA8P1
10971	ENSG00000134308	11769.1522	-0.03307593	0.05084601	0.5105092	0.72579739	YWHAQ
57498	ENSG00000134313	3955.53025	-0.14458588	0.0543418	0.00714492	0.03144527	KIDINS220
29841	ENSG00000134317	98.3672081	-0.07426437	0.21936702	0.67843838	0.84291038	GRHL1
9475	ENSG00000134318	1513.49026	-0.28421132	0.08282966	0.00042735	0.00280936	ROCK2
91543	ENSG00000134321	11.7536946	0.41109276	0.58261195	0.05908601	0.16915821	RSAD2
4613	ENSG00000134323	299.795102	2.08715904	0.18166457	9.83E-32	5.91E-30	MYCN
23175	ENSG00000134324	1945.75419	-0.37103179	0.07500296	4.33E-07	5.22E-06	LPIN1
129607	ENSG00000134326	15.5463065	0.24331092	0.40080459	0.20724318	0.41447107	CMPK2
285148	ENSG00000134330	830.417689	-0.0906035	0.11074252	0.39193379	0.62123244	IAH1
3939	ENSG00000134333	5797.13024	-0.43804674	0.18595045	0.00789112	0.03411845	LDHA
6289	ENSG00000134339	0	NA	NA	NA	NA	SAA2
63982	ENSG00000134343	26.0933054	1.09531305	0.91953115	0.00660545	0.0294499	ANO3

3572	ENSG00000134352	1147.43004	0.08325041	0.09723148	0.37844978	0.60738098	IL6ST
10468	ENSG00000134363	0	NA	NA	NA	NA	FST
10877	ENSG00000134365	0.74962837	0.04901693	0.38810411	0.32628015	NA	CFHR4
89796	ENSG00000134369	1454.90205	-1.87530389	0.09438128	5.36E-89	1.31E-86	NAV1
79577	ENSG00000134371	1013.3258	0.03055974	0.09405972	0.73788203	0.87620179	CDC73
10440	ENSG00000134375	1187.94288	-0.17659361	0.08089367	0.02527453	0.0878468	TIMM17A
23418	ENSG00000134376	136.408867	0.10862088	0.1928635	0.51639386	0.73049941	CRB1
81494	ENSG00000134389	0	NA	NA	NA	NA	CFHR5
10595	ENSG00000134398	0.46848334	-0.00803935	0.38327402	0.86029833	NA	ERN2
6210	ENSG00000134419	11180.2314	-0.08105411	0.05369427	0.1258031	0.29492303	RPS15A
30062	ENSG00000134438	18.7532335	2.79953216	0.61000232	2.57E-07	3.22E-06	RAX
4677	ENSG00000134440	3498.50049	0.29566076	0.07469925	5.31E-05	0.00043059	NARS1
2922	ENSG00000134443	0	NA	NA	NA	NA	GRP
57614	ENSG00000134444	581.748552	-0.23248458	0.10151164	0.01721887	0.06461552	RELCH
84893	ENSG00000134452	1335.46709	0.06903299	0.08050524	0.38084496	0.60984374	FBH1
84991	ENSG00000134453	1349.02521	-0.14449722	0.07818614	0.05872205	0.16833485	RBM17
3559	ENSG00000134460	0	NA	NA	NA	NA	IL2RA
54522	ENSG00000134461	198.203587	0.01027699	0.15387952	0.94472468	0.97752994	ANKRD16
79746	ENSG00000134463	127.169573	-0.1058444	0.19361321	0.52611192	0.73808941	ECHDC3
3601	ENSG00000134470	0	NA	NA	NA	NA	IL15RA
902	ENSG00000134480	443.139639	-0.14074738	0.14317628	0.28904425	0.51496389	CCNH
59340	ENSG00000134489	1.57145922	-0.01069123	0.37965719	0.85894273	NA	HRH4
85019	ENSG00000134490	233.817945	0.04940164	0.15878999	0.73354295	0.87316366	TMEM241
284252	ENSG00000134504	659.840072	0.23502277	0.09977722	0.01447083	0.05597607	KCTD1
91768	ENSG00000134508	357.962423	-1.13994918	0.15033982	3.67E-15	1.02E-13	CABLES1
1794	ENSG00000134516	0.37844916	0.02407552	0.3854191	0.60038877	NA	DOCK2
2012	ENSG00000134531	0.94504246	0.01121999	0.38197933	0.74133166	NA	EMP1
6660	ENSG00000134532	70.0984686	1.14952031	0.33680017	5.61E-05	0.00045241	SOX5
85004	ENSG00000134533	82.3789253	3.14772869	0.31681432	2.31E-24	1.08E-22	RERG
10599	ENSG00000134538	0.90005598	-0.05128821	0.38884012	0.27034634	NA	SLCO1B1
3824	ENSG00000134539	0	NA	NA	NA	NA	KLRD1
3821	ENSG00000134545	0	NA	NA	NA	NA	KLRC1
80763	ENSG00000134548	1.07380051	-0.04718186	0.38502688	0.42270356	NA	SPX
5555	ENSG00000134551	12.128728	0.14786015	0.36094331	0.40218715	0.63040759	PRH2
4038	ENSG00000134569	1105.48611	4.45135427	0.26924038	5.82E-63	8.02E-61	LRP4
4607	ENSG00000134571	0	NA	NA	NA	NA	MYBPC3
1643	ENSG00000134574	523.106783	0.41024944	0.12272936	0.00041243	0.00272117	DDB2
53	ENSG00000134575	580.140289	-0.11151841	0.1281263	0.35457318	0.58505754	ACP2

83844	ENSG00000134588	0.14931947	-0.01844332	0.38480212	0.84537521	NA	USP26
8933	ENSG00000134590	1574.5485	0.32512374	0.07827285	2.13E-05	0.00019052	RTL8C
9363	ENSG00000134594	213.079329	-0.47089803	0.17572979	0.00288708	0.01464203	RAB33A
6658	ENSG00000134595	0	NA	NA	NA	NA	SOX3
51634	ENSG00000134597	557.487773	-0.11605616	0.10170182	0.23417397	0.45103926	RBMX2
51765	ENSG00000134602	654.969767	0.38506018	0.10305547	0.00010235	0.00077653	STK26
219595	ENSG00000134612	0	NA	NA	NA	NA	FOLH1B
143689	ENSG00000134627	9.39210416	0.13408953	0.36954795	0.40788562	0.63609894	PIWIL4
4544	ENSG00000134640	0	NA	NA	NA	NA	MTNR1B
9698	ENSG00000134644	3220.86012	0.1450988	0.06060849	0.01530067	0.05854681	PUM1
90853	ENSG00000134668	3.34131511	0.02281896	0.37319787	0.80095763	0.90883611	SPOCD1
8565	ENSG00000134684	2605.79062	0.35812776	0.11065692	0.00070871	0.00437352	YARS1
1912	ENSG00000134686	2400.66169	0.22501897	0.06703951	0.00064528	0.00402714	PHC2
55143	ENSG00000134690	953.821602	-0.24765085	0.09335142	0.00608879	0.02746741	CDCA8
29889	ENSG00000134697	1467.73871	0.02415319	0.08305753	0.76654619	0.8924999	GNL2
192670	ENSG00000134698	860.263035	0.45087046	0.14494565	0.00080598	0.00490361	AGO4
51361	ENSG00000134709	552.044293	-0.00541723	0.14748655	0.967539	0.98759962	HOOK1
1573	ENSG00000134716	132.825615	0.1223055	0.20186442	0.48054236	0.70158112	CYP2J2
91408	ENSG00000134717	1465.76677	-0.30869155	0.08500054	0.00019257	0.00137484	BTF3L4
23318	ENSG00000134744	1657.0629	-0.0762239	0.11039998	0.46880505	0.69137681	TUT4
84950	ENSG00000134748	1407.52301	-0.10796995	0.07433242	0.13873304	0.31543588	PRPF38A
1824	ENSG00000134755	0	NA	NA	NA	NA	DSC2
1830	ENSG00000134757	0	NA	NA	NA	NA	DSG3
51444	ENSG00000134758	732.578227	-0.16148627	0.09322158	0.07282369	0.19700327	RNF138
55250	ENSG00000134759	1964.66937	-0.06732083	0.07330703	0.34903817	0.57983064	ELP2
1828	ENSG00000134760	0.89438146	0.01649853	0.38218118	0.70664981	NA	DSG1
1825	ENSG00000134762	0.15069912	-0.01848503	0.38480575	0.84537521	NA	DSC3
1823	ENSG00000134765	0	NA	NA	NA	NA	DSC1
1837	ENSG00000134769	435.326964	0.14953665	0.14267333	0.25862495	0.48003733	DTNA
80206	ENSG00000134775	1199.61145	-0.01945677	0.08337481	0.81046003	0.91412888	FHOD3
25941	ENSG00000134779	2530.20562	-0.18171929	0.0692533	0.00755056	0.03292376	TPGS2
747	ENSG00000134780	595.752736	0.01460867	0.10259749	0.88382694	0.94897201	DAGLA
29015	ENSG00000134802	232.756047	-1.48888245	0.18060875	1.42E-17	4.57E-16	SLC43A3
26519	ENSG00000134809	373.763944	-0.0334628	0.11833214	0.76547863	0.89220398	TIMM10
2694	ENSG00000134812	0	NA	NA	NA	NA	CBLIF
9704	ENSG00000134815	907.217255	0.29392627	0.0887505	0.00064578	0.00402903	DHX34
187	ENSG00000134817	5.05798726	-5.38468738	2.71171378	0.0002209	0.00155415	APLNR
9415	ENSG00000134824	9133.67809	-0.37677841	0.08211649	2.50E-06	2.65E-05	FADS2

746	ENSG00000134825	1001.05384	0.1103476	0.1075684	0.2855041	0.51095086	TMEM258
6947	ENSG00000134827	0	NA	NA	NA	NA	TCN1
27202	ENSG00000134830	6.26179199	0.07394434	0.37695379	0.48943804	0.70894726	C5AR2
55858	ENSG00000134851	1106.45966	0.23221041	0.08291905	0.00407376	0.01960892	TMEM165
9575	ENSG00000134852	856.905223	-0.52498117	0.14561729	0.00010801	0.00081513	CLOCK
5156	ENSG00000134853	5413.89268	-0.58539508	0.07561948	2.89E-15	8.12E-14	PDGFRA
87769	ENSG00000134864	71.1035964	-0.07546808	0.26322969	0.6940797	0.85201936	GGACT
1284	ENSG00000134871	4221.69532	0.22072993	0.05668279	8.15E-05	0.0006333	COL4A2
9071	ENSG00000134873	3.9441789	-0.22225355	0.45787195	0.08154923	0.21429626	CLDN10
22873	ENSG00000134874	2082.92764	-0.18521832	0.08724635	0.02889688	0.09740774	DZIP1
337867	ENSG00000134882	1093.48702	0.08218097	0.08761217	0.33559643	0.56555111	UBAC2
55082	ENSG00000134884	4690.37241	0.30560324	0.05442581	1.37E-08	2.03E-07	ARGLU1
54841	ENSG00000134897	1302.90266	-0.20665587	0.07774871	0.00652683	0.02915178	BIVM
2073	ENSG00000134899	1128.7562	0.16243324	0.09531164	0.07823257	0.20794939	ERCC5
7174	ENSG00000134900	1792.19138	-0.11201443	0.08164514	0.15965939	0.34722847	TPP2
79070	ENSG00000134901	599.337403	0.08602198	0.10234351	0.38339359	0.61266407	POGLUT2
79587	ENSG00000134905	1000.10783	-0.0338198	0.09399805	0.75044365	0.88259197	CARS2
9743	ENSG00000134909	1082.52522	-0.22986774	0.08982148	0.00837083	0.03587741	ARHGAP32
3703	ENSG00000134910	2189.3331	0.29367466	0.0869421	0.0005094	0.00328028	STT3A
11095	ENSG00000134917	0	NA	NA	NA	NA	ADAMTS8
56	ENSG00000134940	7.74286318	-0.37701518	0.58984567	0.05186163	0.15326642	ACRV1
2113	ENSG00000134954	1421.57476	-1.66139485	0.07618178	1.56E-106	5.09E-104	ETS1
219855	ENSG00000134955	39.5466272	0.3536522	0.33655945	0.11744233	0.28096658	SLC37A2
152831	ENSG00000134962	7.51819657	-0.07220524	0.3611115	0.6112979	0.79937717	KLB
51014	ENSG00000134970	1208.28112	-0.05433153	0.0846647	0.50991317	0.72545712	TMED7
324	ENSG00000134982	1233.44295	-0.50961946	0.09838684	8.52E-08	1.13E-06	APC
9315	ENSG00000134986	6631.0302	0.31815759	0.05058864	2.14E-10	3.97E-09	NREP
134430	ENSG00000134987	1196.72735	-0.08886046	0.08923092	0.30642537	0.53411107	WDR36
26578	ENSG00000134996	1.82026699	-0.07142347	0.38789106	0.32246275	NA	OSTF1
55312	ENSG00000135002	272.236189	-0.30565926	0.14851347	0.02522645	0.08774419	RFK
29979	ENSG00000135018	3136.26364	-0.06842502	0.06532073	0.28826574	0.5139923	UBQLN1
60560	ENSG00000135040	759.688978	-0.16467286	0.1459621	0.22047995	0.43280124	NAA35
55071	ENSG00000135045	309.849118	-0.01047996	0.13230664	0.93181152	0.9715756	C9orf40
301	ENSG00000135046	0	NA	NA	NA	NA	ANXA1
1514	ENSG00000135047	556.992958	0.21560926	0.10382834	0.03070111	0.10216479	CTSL
23670	ENSG00000135048	11.6821917	0.03407082	0.35188952	0.81357324	0.91581805	CEMIP2
23287	ENSG00000135049	748.889694	-0.00909451	0.09143501	0.91773523	0.9652015	AGTPBP1
51280	ENSG00000135052	2554.07107	-0.12747138	0.07005335	0.06394607	0.1796757	GOLM1

9413	ENSG00000135063	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FAM189A2
29968	ENSG00000135069	2721.76105	0.06794635	0.10346405	0.49630763	0.714811	PSAT1
81689	ENSG00000135070	616.49397	-0.23477736	0.10592221	0.02067583	0.07489655	ISCA1
8728	ENSG00000135074	310.682872	-0.1893053	0.1417346	0.14953811	0.33234414	ADAM19
84868	ENSG00000135077	3.23825709	-0.02796289	0.37194222	0.77935458	0.89913327	HAVCR2
79616	ENSG00000135083	603.788844	-0.22169847	0.10466178	0.02720979	0.0930121	CCNJL
51347	ENSG00000135090	517.422802	0.02491402	0.11134801	0.8160477	0.9163678	TAOK3
84749	ENSG00000135093	441.232306	0.21744515	0.15373657	0.12168507	0.28819766	USP30
10993	ENSG00000135094	1.08372236	0.02404129	0.3820154	0.66253461	NA	SDS
4440	ENSG00000135097	1044.58001	0.38971478	0.11250621	0.0002837	0.00194493	MSI1
6927	ENSG00000135100	2.55400699	-0.14020803	0.41423226	0.09497602	NA	HNF1A
23014	ENSG00000135108	1546.85567	0.12938441	0.07152363	0.0654339	0.18258912	FBXO21
6926	ENSG00000135111	393.407248	0.05338044	0.11733071	0.63626929	0.81722218	TBX3
8638	ENSG00000135114	3.05805924	0.15915208	0.42267596	0.09146245	0.23347687	OASL
8739	ENSG00000135116	201.844411	4.08300446	0.23516817	1.62E-68	2.57E-66	HRK
84900	ENSG00000135119	388.51545	0.00335063	0.14018858	0.9807898	0.99355086	RNFT2
5025	ENSG00000135124	218.577779	0.73511059	0.21405911	0.00011098	0.00083399	P2RX4
92558	ENSG00000135127	159.555315	-1.86044092	0.22635731	1.23E-17	3.96E-16	BICDL1
1840	ENSG00000135144	1080.64143	-0.36573093	0.08866814	2.13E-05	0.00019042	DTX1
10906	ENSG00000135148	746.083782	-0.17308097	0.09799087	0.06696214	0.18552445	TRAFD1
9988	ENSG00000135164	3556.50437	0.04713234	0.06472322	0.46077269	0.68385174	DMTF1
4951	ENSG00000135175	0	NA	NA	NA	NA	OCM2
79161	ENSG00000135185	256.883749	0.10763681	0.15985576	0.45922641	0.68252693	TMEM243
57639	ENSG00000135205	114.930719	0.91457815	0.2449192	2.50E-05	0.00021943	CCDC146
85025	ENSG00000135211	196.202009	-0.00178442	0.16310323	0.98889098	0.99604194	TMEM60
948	ENSG00000135218	5.33545897	-0.05903543	0.37215521	0.59376495	0.78750562	CD36
79799	ENSG00000135220	0	NA	NA	NA	NA	UGT2A3
1447	ENSG00000135222	0	NA	NA	NA	NA	CSN2
54490	ENSG00000135226	0	NA	NA	NA	NA	UGT2B28
50640	ENSG00000135241	707.689675	0.0280769	0.12314114	0.81229544	0.91499949	PNPLA8
29923	ENSG00000135245	644.173443	0.23236218	0.11853507	0.03884382	0.12275587	HILPDA
84691	ENSG00000135248	0	NA	NA	NA	NA	FAM71F1
60561	ENSG00000135249	718.59237	-0.15087161	0.10166226	0.12268251	0.28988186	RINT1
6733	ENSG00000135250	1632.05697	-0.28787003	0.0876815	0.00072066	0.0044362	SRPK2
375616	ENSG00000135253	41.7130235	0.38166398	0.3784806	0.10275137	0.2544735	KCP
26136	ENSG00000135269	2414.12876	0.63307246	0.06613107	2.98E-22	1.25E-20	TES
29969	ENSG00000135272	0.18922458	0.01954053	0.38488496	0.78225479	NA	MDFIC
25821	ENSG00000135297	270.102639	0.01554939	0.1457822	0.9093106	0.96089067	MTO1

577	ENSG00000135298	522.964393	-1.59584239	0.14968361	1.18E-27	6.22E-26	ADGRB3
22881	ENSG00000135299	404.408469	-0.70289642	0.14820926	4.60E-07	5.52E-06	ANKRD6
3351	ENSG00000135312	0	NA	NA	NA	NA	HTR1B
80759	ENSG00000135314	48.4380258	-0.067728	0.25245591	0.72204163	0.86742752	KHDC1
22832	ENSG00000135315	387.787858	0.05738026	0.13928941	0.65918909	0.83105493	CEP162
10492	ENSG00000135316	5628.82296	-0.39831255	0.0620171	6.79E-11	1.33E-09	SYNCRIP
57231	ENSG00000135317	1722.16101	0.05027559	0.10720452	0.62752628	0.81099169	SNX14
4907	ENSG00000135318	52.0425309	3.101905	0.42112598	1.09E-14	2.88E-13	NT5E
112609	ENSG00000135324	219.81082	-0.73954699	0.19270495	2.41E-05	0.00021241	MRAP2
2045	ENSG00000135333	0	NA	NA	NA	NA	EPHA7
55122	ENSG00000135334	992.772979	0.2688933	0.08587488	0.00129646	0.00738916	AKIRIN2
23595	ENSG00000135336	560.206604	-0.23578149	0.10928606	0.02377529	0.08366474	ORC3
167691	ENSG00000135338	174.378184	-0.41766295	0.18530146	0.0108232	0.04421998	LCA5
6885	ENSG00000135341	1385.13852	-0.0819792	0.07536468	0.26744676	0.48999388	MAP3K7
1081	ENSG00000135346	0	NA	NA	NA	NA	CGA
84694	ENSG00000135355	0	NA	NA	NA	NA	GJA10
79899	ENSG00000135362	16.0971495	0.07314347	0.35208409	0.63470693	0.81607019	PRR5L
4005	ENSG00000135363	8.02938913	0.36009271	0.56659786	0.05726964	0.16526977	LMO2
51317	ENSG00000135365	2036.54575	0.17312083	0.06980003	0.01163409	0.04697436	PHF21A
55226	ENSG00000135372	1386.18099	0.12557853	0.07854703	0.10232436	0.25366929	NAT10
26298	ENSG00000135373	0	NA	NA	NA	NA	EHF
2001	ENSG00000135374	0	NA	NA	NA	NA	ELF5
79056	ENSG00000135378	0	NA	NA	NA	NA	PRRG4
4076	ENSG00000135387	7376.67273	-0.37932662	0.07194135	7.60E-08	1.02E-06	CAPRIN1
517	ENSG00000135390	3321.7681	0.02281839	0.05646297	0.68334566	0.84571005	ATP5MC2
85406	ENSG00000135392	1326.73555	-0.22735969	0.07602954	0.00223955	0.01180149	DNAJC14
967	ENSG00000135404	3429.86802	0.14782703	0.06615844	0.02069776	0.07496232	CD63
5630	ENSG00000135406	14.0251819	0.84668528	0.7817434	0.01644824	0.06219424	PRPH
10677	ENSG00000135407	28.5926156	0.16956395	0.34111563	0.37860076	0.607525	AVIL
269	ENSG00000135409	0.7148979	0.02945505	0.38490835	0.51061702	NA	AMHR2
90070	ENSG00000135413	0	NA	NA	NA	NA	LACRT
10220	ENSG00000135414	1313.6738	-0.15065375	0.08021378	0.05441337	0.15876841	GDF11
27165	ENSG00000135423	57.1552192	-0.12705571	0.27473894	0.5161772	0.73029706	GLS2
3679	ENSG00000135424	99.4570264	0.67329658	0.33896521	0.00827695	0.03552891	ITGA7
9840	ENSG00000135426	0	NA	NA	NA	NA	TESPA1
84070	ENSG00000135436	44.3992719	-0.01059171	0.2575054	0.95442574	0.98112988	FAM186B
5959	ENSG00000135437	25.3514526	0.08504067	0.30669226	0.65747967	0.83021873	RDH5
116986	ENSG00000135439	1324.84878	-0.78227251	0.07956156	1.62E-23	7.33E-22	AGAP2

2647	ENSG00000135441	550.616734	0.04209222	0.108918	0.68777443	0.84840902	BLOC1S1
3891	ENSG00000135443	0	NA	NA	NA	NA	KRT85
1019	ENSG00000135446	3936.6835	0.04775974	0.05886147	0.41546101	0.64244323	CDK4
5502	ENSG00000135447	0	NA	NA	NA	NA	PPP1R1A
10024	ENSG00000135451	961.135456	0.05379109	0.10657594	0.60009804	0.79083488	TROAP
6302	ENSG00000135452	523.305381	0.14595191	0.14875816	0.28772737	0.51340148	TSPAN31
2583	ENSG00000135454	1706.12538	-0.52644834	0.08056405	2.36E-11	4.84E-10	B4GALNT1
7024	ENSG00000135457	983.005971	-0.07067763	0.0940359	0.43740716	0.66264578	TFCP2
93058	ENSG00000135469	501.894889	-0.12589116	0.10608453	0.21587765	0.42667359	COQ10A
23017	ENSG00000135472	387.348285	-1.18488086	0.14126358	5.23E-18	1.73E-16	FAIM2
9924	ENSG00000135473	1110.88387	0.47399124	0.10219927	1.52E-06	1.66E-05	PAN2
9700	ENSG00000135476	1837.77316	-0.01900788	0.07780142	0.80144081	0.90902045	ESPL1
85349	ENSG00000135477	0	NA	NA	NA	NA	KRT87P
3855	ENSG00000135480	0.99626146	0.0153023	0.38222224	0.75501554	NA	KRT7
84872	ENSG00000135482	349.631131	0.07721996	0.13760312	0.54684054	0.75400072	ZC3H10
3178	ENSG00000135486	43950.1918	0.03306932	0.04261039	0.43488692	0.66027902	HNRNPA1
NA	ENSG00000135502	329.188955	0.83859474	0.15870501	2.15E-08	3.11E-07	SLC26A10
91	ENSG00000135503	1170.47253	-0.12484634	0.09412594	0.17080823	0.36283417	ACVR1B
10956	ENSG00000135506	2419.86689	0.08678323	0.06424144	0.17038148	0.36230289	OS9
4284	ENSG00000135517	0.91194749	-0.03735534	0.3845512	0.46467032	NA	MIP
23416	ENSG00000135519	20.0525048	0.10692812	0.31993957	0.57342249	0.7729263	KCNH3
84946	ENSG00000135521	597.855391	-0.08120069	0.11543611	0.45996141	0.68305646	LTV1
9053	ENSG00000135525	353.980543	-1.32095039	0.13867852	1.56E-22	6.60E-21	MAP7
8763	ENSG00000135535	1654.69383	0.37805842	0.07322946	1.39E-07	1.80E-06	CD164
246269	ENSG00000135537	103.331422	0.58962703	0.25245968	0.00487367	0.02274074	AFG1L
57224	ENSG00000135540	0.34746601	0.02370763	0.3853651	0.61987128	NA	NHSL1
54806	ENSG00000135541	827.455265	0.1696891	0.11868777	0.13201462	0.30496778	AHI1
23493	ENSG00000135547	0	NA	NA	NA	NA	HEY2
5570	ENSG00000135549	2.54084671	0.12073835	0.39994038	0.20834867	NA	PKIB
9038	ENSG00000135569	0	NA	NA	NA	NA	TAAR5
4829	ENSG00000135577	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NMBR
6610	ENSG00000135587	139.293188	0.34409058	0.22354799	0.064332	0.18047892	SMPD2
64780	ENSG00000135596	2614.21135	0.08957412	0.06609227	0.16899017	0.36039348	MICAL1
85021	ENSG00000135597	1002.59543	0.38668751	0.09629304	3.24E-05	0.00027676	REPS1
8676	ENSG00000135604	0	NA	NA	NA	NA	STX11
7006	ENSG00000135605	9.55560461	1.88229859	1.2099621	0.00333944	0.01656776	TEC
84279	ENSG00000135617	177.035102	-0.268886	0.17690801	0.08645526	0.22396418	PRADC1
10505	ENSG00000135622	578.152399	0.13777652	0.11772657	0.21841543	0.43045674	SEMA4F

10574	ENSG00000135624	5548.60492	-0.36324795	0.05843364	3.04E-10	5.56E-09	CCT7
1961	ENSG00000135625	2.2990923	0.0500886	0.37980647	0.55697654	NA	EGR4
26056	ENSG00000135631	453.686136	-0.11070403	0.14206764	0.39987249	0.62834391	RAB11FIP5
10322	ENSG00000135632	554.323164	0.35145036	0.1390156	0.00661154	0.02947042	SMYD5
8291	ENSG00000135636	6.42108751	-0.02210732	0.37204283	0.79846515	0.90769144	DYSF
84865	ENSG00000135637	469.139018	0.3893426	0.12799454	0.00123494	0.00708129	CCDC142
2016	ENSG00000135638	0.69464464	-0.03798381	0.38678913	0.40441551	NA	EMX1
27345	ENSG00000135643	151.556747	0.20658714	0.18030438	0.19477138	0.39796747	KCNMB4
9958	ENSG00000135655	494.223574	-0.21747164	0.14433291	0.10247302	0.25394264	USP15
2799	ENSG00000135677	1457.99361	0.19200201	0.08029359	0.01435835	0.05563861	GNS
1368	ENSG00000135678	0.63890143	-0.01817255	0.38287285	0.68787973	NA	CPM
4193	ENSG00000135679	1661.88481	-0.26230721	0.07857618	0.00062911	0.00394488	MDM2
79786	ENSG00000135686	505.697651	0.28227941	0.14676908	0.03702967	0.11843762	KLHL36
53630	ENSG00000135697	0	NA	NA	NA	NA	BCO1
10200	ENSG00000135698	205.95796	0.00657125	0.1540593	0.96162506	0.98439922	MPHOSPH6
23563	ENSG00000135702	4.70852485	0.11133268	0.39416269	0.27327327	0.49676945	CHST5
9764	ENSG00000135709	274.814413	-0.41664853	0.14790751	0.00229055	0.01202554	KIAA0513
1783	ENSG00000135720	3369.68554	0.26577437	0.0667697	5.19E-05	0.00042223	DYNC1LI2
55336	ENSG00000135722	178.656548	0.65229367	0.21849113	0.00065016	0.00405376	FBXL8
29109	ENSG00000135723	973.828554	-0.09041859	0.09531134	0.32646169	0.55472764	FHOD1
92922	ENSG00000135736	283.465128	0.77347486	0.16251284	3.70E-07	4.51E-06	CCDC102A
6553	ENSG00000135740	294.661608	0.00674854	0.15253035	0.96376187	0.98562039	SLC9A5
183	ENSG00000135744	33.5179136	0.07401296	0.28269972	0.70453254	0.85803894	AGT
NA	ENSG00000135747	19.4295342	-0.15672007	0.34303827	0.40786056	0.63609894	ZNF670-ZNF695
80003	ENSG00000135749	1226.87846	-0.02506984	0.10997787	0.81063058	0.9141961	PCNX2
3775	ENSG00000135750	511.486181	-1.22090947	0.14489129	3.66E-18	1.23E-16	KCNK1
9816	ENSG00000135763	1153.55887	-0.07287659	0.08827233	0.39673229	0.6258107	URB2
54583	ENSG00000135766	790.445254	-0.46013985	0.11819456	4.27E-05	0.0003563	EGLN1
10753	ENSG00000135773	0.84529519	0.02200162	0.3832441	0.76339043	NA	CAPN9
22796	ENSG00000135775	850.278633	-0.15243107	0.09497873	0.09702687	0.24361087	COG2
23456	ENSG00000135776	498.67024	-0.15462546	0.110967	0.14437939	0.32440399	ABCB10
84284	ENSG00000135778	1114.31034	-0.14732376	0.08361243	0.07054095	0.19264038	NTPCR
27097	ENSG00000135801	916.89916	-0.14394027	0.08931641	0.09691384	0.24348114	TAF5L
2752	ENSG00000135821	2948.11752	0.33911481	0.06461299	9.78E-08	1.29E-06	GLUL
10228	ENSG00000135823	1347.76452	-0.3727668	0.0785566	1.20E-06	1.34E-05	STX6
85397	ENSG00000135824	8.05069043	-0.14897025	0.3906545	0.30146077	0.52877568	RGS8
6041	ENSG00000135828	0	NA	NA	NA	NA	RNASEL
1660	ENSG00000135829	8472.31585	-0.03010269	0.06312053	0.64416905	0.8223082	DHX9

57710	ENSG00000135835	1300.50941	-1.32668449	0.11520205	9.66E-32	5.83E-30	KIAA1614
9857	ENSG00000135837	1704.99605	-0.36533025	0.10387343	0.00024778	0.00172486	CEP350
80896	ENSG00000135838	169.614355	0.89230034	0.21023441	3.12E-06	3.24E-05	NPL
116496	ENSG00000135842	124.673299	1.69271254	0.261175	7.35E-12	1.58E-10	NIBAN1
5279	ENSG00000135845	478.982339	-0.35659943	0.11545659	0.0011605	0.00672438	PIGC
3915	ENSG00000135862	4459.55197	0.26727859	0.05825262	3.37E-06	3.48E-05	LAMC1
149041	ENSG00000135870	675.743743	-0.38162747	0.12877396	0.0016214	0.00897563	RC3H1
9290	ENSG00000135898	0	NA	NA	NA	NA	GPR55
3431	ENSG00000135899	52.2343379	4.64837966	0.55741106	8.79E-18	2.87E-16	SP110
65080	ENSG00000135900	461.297795	-0.16545025	0.11981236	0.1450449	0.32541747	MRPL44
1144	ENSG00000135902	15.4524416	1.39675649	0.82705669	0.00414172	0.01986263	CHRND
5077	ENSG00000135903	0	NA	NA	NA	NA	PAX3
55619	ENSG00000135905	752.479278	-0.02903391	0.10514655	0.773102	0.89561741	DOCK10
9654	ENSG00000135912	798.385811	-0.34613917	0.11627167	0.0017244	0.00945088	TTLL4
57695	ENSG00000135913	580.321087	-0.37131536	0.13967328	0.00423544	0.02025333	USP37
3357	ENSG00000135914	5.46797749	-0.12808905	0.39055038	0.31330329	0.54126787	HTR2B
81618	ENSG00000135916	6985.56426	-0.0219671	0.05443762	0.68618718	0.8472712	ITM2C
80704	ENSG00000135917	0	NA	NA	NA	NA	SLC19A3
5270	ENSG00000135919	364.175701	1.06871343	0.13037832	3.01E-17	9.51E-16	SERPINE2
3300	ENSG00000135924	820.793491	0.04199897	0.09034598	0.63308336	0.8146565	DNAJB2
80326	ENSG00000135925	13.5056203	-1.3508571	0.84623722	0.00471857	0.02213638	WNT10A
64114	ENSG00000135926	2.59326384	0.0573287	0.38148694	0.4816714	0.70240082	TMBIM1
1593	ENSG00000135929	10.5114477	0.05049561	0.34073961	0.75934691	0.88850157	CYP27A1
9470	ENSG00000135930	1589.35099	-0.09321626	0.1001916	0.33391644	0.56367754	EIF4E2
80210	ENSG00000135931	610.653492	0.38272258	0.1292337	0.00163792	0.00904935	ARMC9
51719	ENSG00000135932	856.491317	-0.20983562	0.1029486	0.03392493	0.11068419	CAB39
1329	ENSG00000135940	1584.84159	0.08824781	0.08166234	0.26887631	0.49179552	COX5B
51455	ENSG00000135945	804.303483	-0.02430327	0.12468591	0.83581399	0.92515898	REV1
80705	ENSG00000135951	92.68385	0.66616502	0.29028122	0.00420789	0.02014102	TSGA10
84804	ENSG00000135953	449.092885	0.0592786	0.13329855	0.64035677	0.81986824	MFSD9
55654	ENSG00000135956	993.33222	-0.01589927	0.08516114	0.84685226	0.93052693	TMEM127
10913	ENSG00000135960	1.52691924	-0.00089333	0.37956646	0.9876641	NA	EDAR
9392	ENSG00000135966	959.904998	-0.2075049	0.09327101	0.02151712	0.07721099	TGFBRAP1
9648	ENSG00000135968	818.039671	0.34842251	0.10945618	0.00087194	0.00525421	GCC2
64965	ENSG00000135972	396.249344	0.25326511	0.13817854	0.0488842	0.14644564	MRPS9
11250	ENSG00000135973	0.79620076	-0.00721012	0.38151312	0.88962119	NA	GPR45
79074	ENSG00000135974	535.755188	-0.14358354	0.1216273	0.21200793	0.42163567	C2orf49
375248	ENSG00000135976	449.536024	0.08975039	0.15012464	0.51650062	0.73056247	ANKRD36

26122	ENSG00000135999	703.679126	-0.2316063	0.10202612	0.01820804	0.0674095	EPC2
50649	ENSG00000136002	522.118712	1.34E-05	0.11898696	0.99911734	0.99962651	ARHGEF4
23479	ENSG00000136003	822.835289	-0.0138151	0.08969382	0.87347957	0.94441388	ISCU
160428	ENSG00000136010	586.907613	0.61792421	0.15859233	2.67E-05	0.00023334	ALDH1L2
55576	ENSG00000136011	3.1532859	-0.09825307	0.39957152	0.09516866	0.24026852	STAB2
84101	ENSG00000136014	281.847113	0.11591559	0.17256313	0.45162389	0.67491849	USP44
55681	ENSG00000136021	1171.92264	-0.12506974	0.08751125	0.1415004	0.3198915	SCYL2
10970	ENSG00000136026	1328.0599	0.08119794	0.07672965	0.28036896	0.5049178	CKAP4
10154	ENSG00000136040	143.202841	-1.5042337	0.23796728	1.94E-11	3.99E-10	PLXNC1
55198	ENSG00000136044	1477.60575	0.47334665	0.0799218	1.39E-09	2.34E-08	APPL2
11137	ENSG00000136045	872.583764	-0.19210555	0.09528036	0.03688262	0.118091	PWP1
55332	ENSG00000136048	34.5402496	4.72405174	0.66680439	1.59E-13	3.84E-12	DRAM1
23325	ENSG00000136051	1063.69356	0.11865635	0.10252945	0.22974051	0.44547026	WASHC4
84102	ENSG00000136052	85.9345724	-0.14879262	0.27272617	0.44857285	0.67234398	SLC41A2
50853	ENSG00000136059	163.714094	0.45348871	0.21316687	0.01299725	0.05142908	VILL
2317	ENSG00000136068	3331.65219	-0.08748161	0.0619346	0.15115984	0.33504762	FLNB
4752	ENSG00000136098	359.92346	0.29191429	0.13104308	0.01747559	0.06534407	NEK3
5100	ENSG00000136099	15.7114922	-0.16357174	0.35445154	0.37613685	0.60518654	PCDH8
51028	ENSG00000136100	1122.39819	0.06921167	0.09932137	0.47120996	0.69358302	VPS36
79621	ENSG00000136104	748.30194	-0.25612527	0.11839825	0.02251122	0.08005423	RNASEH2B
26586	ENSG00000136108	2248.58404	-0.34288963	0.07929817	9.47E-06	9.02E-05	CKAP2
11061	ENSG00000136110	0	NA	NA	NA	NA	CNMD
9882	ENSG00000136111	565.276447	-0.25847158	0.12090646	0.02376076	0.08364327	TBC1D4
55901	ENSG00000136114	59.71724	-0.03161587	0.24715465	0.86621983	0.94101743	THSD1
79866	ENSG00000136122	293.241943	0.11548402	0.13441344	0.35851581	0.58882066	BORA
23143	ENSG00000136141	887.915051	0.12251303	0.08800477	0.15256369	0.33710476	LRCH1
8803	ENSG00000136143	684.615646	-0.04582875	0.11768345	0.68134618	0.84428882	SUCLA2
55213	ENSG00000136144	832.643646	0.07336833	0.09318768	0.41744917	0.64370875	RCBTB1
29079	ENSG00000136146	665.418414	0.01774573	0.10736995	0.86425258	0.93988845	MED4
51131	ENSG00000136147	2.23786561	-0.07590221	0.38736235	0.34319693	NA	PHF11
NA	ENSG00000136149	2.07725048	-0.10268584	0.39703388	0.20207701	NA	RPL13AP25
83548	ENSG00000136152	688.308551	0.15819871	0.0986493	0.09674804	0.24318777	COG3
4008	ENSG00000136153	962.319575	0.03810011	0.10300545	0.70090899	0.85575596	LMO7
8796	ENSG00000136155	0	NA	NA	NA	NA	SCEL
9445	ENSG00000136156	2281.53616	0.02393611	0.06956767	0.72725859	0.86953012	ITM2B
10253	ENSG00000136158	2619.73898	0.54714992	0.0714584	6.85E-15	1.85E-13	SPRY2
55270	ENSG00000136159	491.602086	-0.37043195	0.11703835	0.00085931	0.00518354	NUDT15
1910	ENSG00000136160	12.8605937	1.87670316	0.80940713	0.00090175	0.00541651	EDNRB

1102	ENSG00000136161	185.178509	-0.56282429	0.2092216	0.00205228	0.01093959	RCBTB2
3936	ENSG00000136167	41.9729054	0.08212027	0.26341337	0.67292467	0.83933156	LCP1
83852	ENSG00000136169	246.450424	0.08275434	0.16127074	0.57260925	0.77240737	SETDB2
9805	ENSG00000136193	6717.9516	-0.32913907	0.05312836	3.76E-10	6.82E-09	SCRN1
79020	ENSG00000136197	213.833414	-0.06856272	0.16339467	0.64193592	0.82088358	C7orf25
64759	ENSG00000136205	3416.50271	-0.8776012	0.07516727	2.80E-32	1.71E-30	TNS3
285955	ENSG00000136206	25.0834685	0.33799673	0.38831131	0.13566457	0.31030495	SPDYE1
55501	ENSG00000136213	1482.01675	-0.00779982	0.09522395	0.92719154	0.96953959	CHST12
10643	ENSG00000136231	2062.22687	0.08495222	0.06935788	0.21371673	0.4238788	IGF2BP3
10457	ENSG00000136235	2.54920605	0.0224789	0.37686318	0.77173087	NA	GPNMB
9771	ENSG00000136237	503.263619	0.70491609	0.11735203	4.42E-10	7.95E-09	RAPGEF5
5879	ENSG00000136238	5847.35436	-0.07536461	0.06435909	0.19660786	0.40019493	RAC1
11014	ENSG00000136240	3093.50755	-0.16315719	0.07267292	0.02215001	0.07903887	KDELR2
11097	ENSG00000136243	889.247574	-0.02541366	0.09930273	0.79018173	0.90434126	NUP42
3569	ENSG00000136244	0	NA	NA	NA	NA	IL6
55146	ENSG00000136247	1114.47995	0.03489082	0.10862419	0.73868404	0.87647218	ZDHHC4
313	ENSG00000136250	1.71748819	-0.06485623	0.38712854	0.33809145	NA	AOAH
28969	ENSG00000136261	1590.3298	-0.11921955	0.07519617	0.10560418	0.25927323	BZW2
1607	ENSG00000136267	22.7452794	4.29587059	0.78876868	4.98E-09	7.79E-08	DGKB
9238	ENSG00000136270	2010.22698	0.03855746	0.07743858	0.61181593	0.7998437	TBRG4
54606	ENSG00000136271	2361.5661	-0.03475754	0.06439179	0.5821862	0.77907556	DDX56
3364	ENSG00000136273	487.532951	-0.40770556	0.14317524	0.00213482	0.01131877	HUS1
23148	ENSG00000136274	1465.02321	-0.76451753	0.09354066	6.12E-17	1.88E-15	NACAD
80099	ENSG00000136275	0	NA	NA	NA	NA	C7orf69
28988	ENSG00000136279	4159.96013	-0.00285188	0.05839726	0.95919305	0.9831126	DBNL
83605	ENSG00000136280	1180.55026	0.01053158	0.07691744	0.88948211	0.95181279	CCM2
64005	ENSG00000136286	18.8640418	0.04474401	0.33239563	0.7947184	0.90579008	MYO1G
80727	ENSG00000136295	12191.3388	-0.18882547	0.05446238	0.00045175	0.00295601	TTYH3
221938	ENSG00000136297	31.3048476	1.36534327	0.5195731	0.00053491	0.00341898	MMD2
27141	ENSG00000136305	5.73219115	-0.10882225	0.40032792	0.14558572	0.32613386	CIDEB
NA	ENSG00000136315	0	NA	NA	NA	NA	
91875	ENSG00000136319	536.252632	0.05347188	0.15513928	0.707405	0.85903201	TTC5
26257	ENSG00000136327	0	NA	NA	NA	NA	NKX2-8
7080	ENSG00000136352	0	NA	NA	NA	NA	NKX2-1
85446	ENSG00000136367	600.26467	0.20564598	0.1062637	0.0436355	0.13397223	ZFHX2
10588	ENSG00000136371	68.0426917	-0.40235783	0.29143271	0.06466739	0.18119939	MTHFS
11173	ENSG00000136378	2479.19359	0.89966455	0.0658078	2.50E-43	2.07E-41	ADAMTS7
58489	ENSG00000136379	184.661192	-0.21091493	0.1678881	0.16135053	0.34958987	ABHD17C

3658	ENSG00000136381	2876.94108	-0.10334031	0.07203859	0.14373874	0.32322075	IREB2
57538	ENSG00000136383	55.0480872	0.09576336	0.38576577	0.37141351	0.60057374	ALPK3
53346	ENSG00000136404	2.91224807	0.00505477	0.3745015	0.95358494	0.98082457	TM6SF1
10518	ENSG00000136425	669.845165	-0.04697848	0.098341	0.62030883	0.80621861	CIB2
10241	ENSG00000136436	599.778615	0.31832926	0.11676919	0.00413128	0.01982214	CALCOCO2
55316	ENSG00000136444	1464.22839	0.20719741	0.0853276	0.01285764	0.05102931	RSAD1
4836	ENSG00000136448	2184.8563	0.09387211	0.07516618	0.20322798	0.40930371	NMT1
84073	ENSG00000136449	111.606325	0.4141581	0.27674062	0.05216395	0.15389334	MYCBPAP
6426	ENSG00000136450	11444.4215	0.04719528	0.06677194	0.47126923	0.69361881	SRSF1
7716	ENSG00000136451	2260.76358	-0.08820756	0.0661656	0.17520274	0.36912205	VEZF1
1101	ENSG00000136457	13.2386537	0.64058607	0.91522878	0.02561858	0.08878125	CHAD
51204	ENSG00000136463	591.190986	-0.02179054	0.10819292	0.83258931	0.92392457	TACO1
55852	ENSG00000136478	1173.22747	-0.1557201	0.07917257	0.04408758	0.13508843	TEX2
10238	ENSG00000136485	11047.7436	-0.05863877	0.04929292	0.23023337	0.4461643	DCAF7
2689	ENSG00000136487	0	NA	NA	NA	NA	GH2
1442	ENSG00000136488	0	NA	NA	NA	NA	CSH1
80774	ENSG00000136490	3588.18327	0.38069728	0.07021216	3.35E-08	4.69E-07	LIMD2
83990	ENSG00000136492	1435.0552	-0.3820954	0.08263042	2.09E-06	2.24E-05	BRIP1
11143	ENSG00000136504	1290.80994	-0.06111873	0.07678578	0.41601606	0.64286616	KAT7
64108	ENSG00000136514	0	NA	NA	NA	NA	RTP4
86	ENSG00000136518	1432.39388	0.13967196	0.0891021	0.10682334	0.26165125	ACTL6A
4711	ENSG00000136521	1065.57135	-0.06557923	0.09245006	0.46416311	0.68693094	NDUFB5
57129	ENSG00000136522	583.193834	0.03737253	0.11010721	0.72408563	0.86797529	MRPL47
6434	ENSG00000136527	4688.23015	-0.08434586	0.06776764	0.20635374	0.41333377	TRA2B
6326	ENSG00000136531	503.444153	-0.28607413	0.12881455	0.01798762	0.0669056	SCN2A
10716	ENSG00000136535	6.687336	0.40551956	0.70734586	0.02030573	0.07378491	TBR1
64844	ENSG00000136536	1371.84368	-0.1431787	0.09736132	0.12761612	0.29804636	MARCHF7
57471	ENSG00000136541	0	NA	NA	NA	NA	ERMN
11227	ENSG00000136542	0	NA	NA	NA	NA	GALNT5
6332	ENSG00000136546	2.72431821	0.05656952	0.37693513	0.56829906	0.76920816	SCN7A
10010	ENSG00000136560	412.223266	0.01618641	0.12663016	0.89470766	0.95456012	TANK
640	ENSG00000136573	48.1307517	-0.57444772	0.37056406	0.02502219	0.08721718	BLK
2626	ENSG00000136574	387.367747	-0.41468934	0.15834141	0.00410233	0.01971184	GATA4
6498	ENSG00000136603	929.939955	0.13581525	0.10556342	0.18117223	0.37844358	SKIL
2058	ENSG00000136628	4335.8086	-0.0290862	0.07102193	0.67602787	0.84148271	EPRS1
3142	ENSG00000136630	43.5558498	0.97088273	0.38134514	0.0011343	0.00658025	HLX
11311	ENSG00000136631	1703.10946	-0.08535743	0.07429844	0.23710283	0.45410948	VPS45
3586	ENSG00000136634	0	NA	NA	NA	NA	IL10

51133	ENSG00000136636	2224.65984	0.20561829	0.0663113	0.00162874	0.00901119	KCTD3
26750	ENSG00000136643	1047.83424	-0.3000209	0.10106786	0.00202611	0.01081755	RPS6KC1
150472	ENSG00000136682	474.566969	0.02947767	0.11021745	0.78086325	0.89982732	CBWD2
56300	ENSG00000136688	0	NA	NA	NA	NA	IL36G
3557	ENSG00000136689	0	NA	NA	NA	NA	IL1RN
27179	ENSG00000136694	0	NA	NA	NA	NA	IL36A
26525	ENSG00000136695	0	NA	NA	NA	NA	IL36RN
27177	ENSG00000136696	0	NA	NA	NA	NA	IL36B
84639	ENSG00000136697	0	NA	NA	NA	NA	IL1F10
55997	ENSG00000136698	0	NA	NA	NA	NA	CFC1
55627	ENSG00000136699	2221.04839	0.13992225	0.07466741	0.05604963	0.16260047	SMPD4
55339	ENSG00000136709	2045.68421	-0.44164385	0.10104344	5.72E-06	5.69E-05	WDR33
84317	ENSG00000136710	454.25845	0.03889624	0.11825759	0.73049771	0.87107559	CCDC115
79595	ENSG00000136715	839.575714	-0.18268723	0.0892693	0.03500018	0.11331652	SAP130
274	ENSG00000136717	2212.76325	-0.56194253	0.06795639	4.56E-17	1.42E-15	BIN1
92856	ENSG00000136718	1334.05612	-0.01173863	0.08692443	0.88900971	0.95165386	IMP4
9394	ENSG00000136720	1681.17913	-0.84248585	0.07330297	2.55E-31	1.51E-29	HS6ST1
56886	ENSG00000136731	3845.37303	-0.09118034	0.07864291	0.23558356	0.45240308	UGGT1
2995	ENSG00000136732	0	NA	NA	NA	NA	GYPC
8027	ENSG00000136738	575.692409	-0.07784471	0.09923811	0.41605441	0.64287535	STAM
2572	ENSG00000136750	0	NA	NA	NA	NA	GAD2
10006	ENSG00000136754	540.631959	0.01309923	0.10650066	0.89940131	0.95557174	ABI1
10730	ENSG00000136758	3447.71752	-0.05203374	0.06021727	0.3794728	0.60845927	YME1L1
64215	ENSG00000136770	335.287401	0.54174478	0.16568576	0.0003524	0.00236443	DNAJC1
25934	ENSG00000136783	206.937482	0.18676943	0.161425	0.20210605	0.4076641	NIPSNAP3A
56262	ENSG00000136802	2233.99519	-0.08130204	0.0671297	0.21859308	0.43050004	LRRRC8A
1025	ENSG00000136807	1071.31348	-0.20143469	0.09325215	0.02557773	0.08867067	CDK9
7295	ENSG00000136810	1176.5322	0.25197833	0.08207731	0.00163462	0.00903399	TXN
4957	ENSG00000136811	1521.73537	-0.1454552	0.09313148	0.10659219	0.26121406	ODF2
23392	ENSG00000136813	1863.18583	0.16992643	0.06810209	0.01118184	0.04546992	ECPAS
27348	ENSG00000136816	708.137704	-0.16198335	0.124288	0.16692502	0.35783819	TOR1B
51759	ENSG00000136819	1069.31402	-0.2188848	0.08727117	0.00985662	0.0409823	C9orf78
10592	ENSG00000136824	1722.24801	-0.36773666	0.07655189	9.06E-07	1.03E-05	SMC2
9314	ENSG00000136826	0.173733	0.01914545	0.38484597	0.78225479	NA	KLF4
1861	ENSG00000136827	1149.82874	-0.13510597	0.09090987	0.12547108	0.29435597	TOR1A
9649	ENSG00000136828	793.165529	-0.0883813	0.13345092	0.47953025	0.70069817	RALGPS1
64855	ENSG00000136830	921.688424	-0.07060728	0.09052665	0.42188911	0.64785449	NIBAN2
347168	ENSG00000136834	0.70195379	0.02750895	0.38372988	0.5667643	NA	OR1J1

286362	ENSG00000136839	0	NA	NA	NA	NA	OR13C9
27090	ENSG00000136840	251.624992	-0.24333087	0.1597611	0.09281015	0.2357385	ST6GALNAC4
7111	ENSG00000136842	1694.91302	-0.48152983	0.07217396	1.08E-11	2.29E-10	TMOD1
153090	ENSG00000136848	2678.05867	-0.20118859	0.06276044	0.00112546	0.00653472	DAB2IP
6812	ENSG00000136854	3001.85712	-0.19367753	0.0698483	0.00475685	0.02227424	STXBP1
29988	ENSG00000136856	217.680506	0.0959217	0.16160027	0.51499204	0.72955207	SLC2A8
23452	ENSG00000136859	403.470963	-0.34762235	0.1609531	0.01715903	0.06443973	ANGPTL2
55755	ENSG00000136861	2875.64079	-0.19284464	0.07759901	0.01101076	0.04489384	CDK5RAP2
7539	ENSG00000136866	187.539261	-0.26579533	0.16165514	0.06930486	0.19007581	ZFP37
1318	ENSG00000136867	32.2459783	0.66715745	0.44707162	0.0198291	0.07247778	SLC31A2
1317	ENSG00000136868	728.328926	0.22618875	0.09935151	0.01817985	0.06735733	SLC31A1
7099	ENSG00000136869	3.00969588	-0.07122255	0.39016502	0.22322201	0.43637055	TLR4
7743	ENSG00000136870	503.637734	-0.16015484	0.11428881	0.14112474	0.31929662	ZNF189
229	ENSG00000136872	2.92530196	0.00854652	0.36869571	0.93746541	0.97366414	ALDOB
55014	ENSG00000136874	814.164946	-0.05694639	0.10091285	0.55733516	0.76258372	STX17
9128	ENSG00000136875	1228.49802	0.06054404	0.0798071	0.43839481	0.66364665	PRPF4
2356	ENSG00000136877	981.311293	0.21554573	0.09859528	0.02341102	0.08263201	FPGS
10868	ENSG00000136878	831.016952	-0.10351732	0.12337734	0.3744246	0.60355736	USP20
570	ENSG00000136881	1.11474076	0.07782957	0.39460367	0.13653044	NA	BAAT
113220	ENSG00000136883	3.86977168	-0.0279629	0.36995526	0.78665886	0.90294962	KIF12
9550	ENSG00000136888	1475.38139	0.08712581	0.07107742	0.21250361	0.42238326	ATP6V1G1
54881	ENSG00000136891	1026.41554	-0.29123911	0.08525027	0.00044226	0.00289969	TEX10
84253	ENSG00000136895	302.060153	0.16216521	0.16011878	0.26498147	0.48718221	GARNL3
54534	ENSG00000136897	424.665054	-0.16748248	0.12369695	0.15162291	0.33558862	MRPL50
8818	ENSG00000136908	1210.58348	-0.035197	0.07879086	0.64856661	0.82457939	DPM2
401551	ENSG00000136918	0	NA	NA	NA	NA	WDR38
158427	ENSG00000136925	633.147926	-0.13186222	0.1312977	0.28379232	0.50898929	TSTD2
9568	ENSG00000136928	0.3237694	-0.02327256	0.38532127	0.66864002	NA	GABBR2
55363	ENSG00000136929	0.3565367	0.02381602	0.3853809	0.61408995	NA	HEMGN
5695	ENSG00000136930	1982.90634	0.02793473	0.07185336	0.69241575	0.85130623	PSMB7
2516	ENSG00000136931	2.0441195	0.05224442	0.38112862	0.52099165	NA	NR5A1
51531	ENSG00000136932	111.469708	-0.22378709	0.21113773	0.2072353	0.41447107	TRMO
10244	ENSG00000136933	402.855372	0.26756089	0.12818089	0.02639102	0.09083932	RABEPK
2800	ENSG00000136935	609.624148	0.12455022	0.11069003	0.23981624	0.45788499	GOLGA1
7507	ENSG00000136936	228.235939	0.07442888	0.14665739	0.58162157	0.77868762	XPA
4686	ENSG00000136937	1973.14829	-0.18014052	0.08444711	0.02837671	0.09607405	NCBP1
10541	ENSG00000136938	3086.37795	-0.13504286	0.06313959	0.02996123	0.10020747	ANP32B
254973	ENSG00000136939	0	NA	NA	NA	NA	OR1L4

5082	ENSG00000136940	660.916522	-0.2007957	0.09683946	0.03175044	0.10495312	PDCL
11224	ENSG00000136942	8772.2788	-0.08033186	0.05197185	0.11950101	0.28438287	RPL35
1515	ENSG00000136943	191.410429	-0.04555864	0.15637542	0.74880577	0.88205755	CTSV
4010	ENSG00000136944	25.2840827	4.70954976	0.76765554	1.91E-10	3.57E-09	LMX1B
81873	ENSG00000136950	867.163955	-0.08058816	0.08965412	0.35435921	0.58485041	ARPC5L
5168	ENSG00000136960	2.97946291	0.2394008	0.49856423	0.00393216	0.01902316	ENPP2
79075	ENSG00000136982	370.292289	-0.23637541	0.1317343	0.05515057	0.16050862	DSCC1
79139	ENSG00000136986	1389.42078	-0.46514525	0.08198815	6.19E-09	9.59E-08	DERL1
4609	ENSG00000136997	1875.44982	-0.29046996	0.06749035	1.17E-05	0.00010998	MYC
4856	ENSG00000136999	0	NA	NA	NA	NA	CCN3
90865	ENSG00000137033	0	NA	NA	NA	NA	IL33
90871	ENSG00000137038	740.0952	0.02214861	0.1013278	0.82181095	0.91847813	DMAC1
26953	ENSG00000137040	734.551107	-0.02531783	0.09883022	0.78958133	0.9043268	RANBP6
64425	ENSG00000137054	837.272231	-0.29151577	0.09363875	0.00125755	0.00719638	POLR1E
9373	ENSG00000137055	1013.11458	-0.13647832	0.08684843	0.1059198	0.25982306	PLAA
3590	ENSG00000137070	301.434908	0.38665357	0.16808766	0.01083055	0.04424092	IL11RA
55833	ENSG00000137073	1174.68663	0.01027482	0.08354304	0.89888376	0.95556135	UBAP2
54840	ENSG00000137074	489.644984	-0.09255373	0.12548907	0.4338897	0.65914024	APTX
152006	ENSG00000137075	737.318082	0.32492812	0.10097656	0.00082823	0.0050112	RNF38
7094	ENSG00000137076	5916.20065	0.17644383	0.06195521	0.00385874	0.01869078	TLN1
6366	ENSG00000137077	0	NA	NA	NA	NA	CCL21
27240	ENSG00000137078	0.36303624	0.02389534	0.38539249	0.60992614	NA	SIT1
3452	ENSG00000137080	0	NA	NA	NA	NA	IFNA21
1761	ENSG00000137090	0	NA	NA	NA	NA	DMRT1
25822	ENSG00000137094	588.080984	-0.44431855	0.1128921	3.78E-05	0.00031924	DNAJB5
26206	ENSG00000137098	6.18277647	0.18607886	0.41878212	0.17673614	0.37152417	SPAG8
11258	ENSG00000137100	736.105936	-0.29156234	0.10026001	0.00266278	0.01368641	DCTN3
971	ENSG00000137101	15.3814777	0.54047411	0.63382057	0.04404221	0.13497025	CD72
51754	ENSG00000137103	421.866207	0.41846235	0.16172918	0.00448007	0.02123379	TMEM8B
9380	ENSG00000137106	1385.80109	-0.00693471	0.07543128	0.92418207	0.96852	GRHPR
219	ENSG00000137124	747.496909	-0.61697889	0.11065243	7.00E-09	1.07E-07	ALDH1B1
84681	ENSG00000137133	308.044559	0.30108877	0.16078805	0.03915637	0.12352715	HINT2
84904	ENSG00000137135	330.109742	0.39043035	0.14430435	0.00350047	0.01727597	ARHGEF39
347252	ENSG00000137142	13300.4726	-0.02276531	0.04683254	0.62455096	0.80860493	IGFBPL1
55667	ENSG00000137145	853.374391	0.01706006	0.11670696	0.87929327	0.94652699	DENND4C
6194	ENSG00000137154	23910.4138	-0.18255294	0.0486177	0.00014965	0.00109357	RPS6
10695	ENSG00000137161	1126.26726	0.0582826	0.08118512	0.46198766	0.68504	CNPY3
116113	ENSG00000137166	710.065485	0.34082941	0.1038288	0.00063038	0.00394783	FOXP4

51645	ENSG00000137168	833.508834	-0.17425631	0.09081208	0.0478384	0.14387052	PPIL1
89953	ENSG00000137171	510.925492	0.21052904	0.11487743	0.05425614	0.15846339	KLC4
63971	ENSG00000137177	567.605913	0.27730542	0.11194375	0.00942201	0.03949561	KIF13A
7746	ENSG00000137185	569.041262	0.2116677	0.11061462	0.04525923	0.13776361	ZSCAN9
5292	ENSG00000137193	415.895488	-0.65916633	0.12312268	2.19E-08	3.15E-07	PIM1
2766	ENSG00000137198	19.6701992	0.38593751	0.45332561	0.09897412	0.24743531	GMPR
23070	ENSG00000137200	1267.1114	-0.13749853	0.08816173	0.10845988	0.26431057	CMTR1
7020	ENSG00000137203	1.36525802	-0.09760918	0.4006911	0.08918952	NA	TFAP2A
10864	ENSG00000137204	1.07664962	-0.02090245	0.38201282	0.5848267	NA	SLC22A7
25844	ENSG00000137207	1799.96908	0.08212258	0.07156889	0.24303658	0.46142064	YIPF3
81853	ENSG00000137210	678.686533	-0.18285347	0.09823293	0.05363654	0.15706995	TMEM14B
55362	ENSG00000137216	861.948529	0.11954433	0.14916809	0.38463379	0.6136819	TMEM63B
10817	ENSG00000137218	272.481428	-0.15466107	0.14036559	0.23524955	0.45208747	FRS3
93643	ENSG00000137221	897.655388	-0.03696484	0.08689189	0.66146499	0.8324506	TJAP1
11131	ENSG00000137225	0	NA	NA	NA	NA	CAPN11
27283	ENSG00000137251	0	NA	NA	NA	NA	TINAG
3062	ENSG00000137252	0.84180466	-0.0320569	0.38394834	0.51982775	NA	HCRTR2
9856	ENSG00000137261	55.7437362	-0.28006965	0.29736213	0.18507435	0.38396685	KIAA0319
3662	ENSG00000137265	0.18922458	0.01954053	0.38488496	0.78225479	NA	IRF4
63027	ENSG00000137266	64.5064706	0.56397921	0.29364285	0.01369109	0.05359848	SLC22A23
7280	ENSG00000137267	1312.36539	-0.74983772	0.08846702	4.91E-18	1.64E-16	TUBB2A
55227	ENSG00000137269	41.1469585	1.12301872	0.39795438	0.00041853	0.00275595	LRRC1
8521	ENSG00000137270	1.83591866	0.08463931	0.39231667	0.24009992	NA	GCM1
2295	ENSG00000137273	0	NA	NA	NA	NA	FOXF2
670	ENSG00000137274	478.478514	0.10343501	0.11529989	0.34718274	0.57794986	BPHL
8737	ENSG00000137275	530.80389	0.12435618	0.11593225	0.26038413	0.48228775	RIPK1
347733	ENSG00000137285	11902.3076	-0.50285018	0.05496309	3.50E-20	1.33E-18	TUBB2B
84300	ENSG00000137288	660.462633	-0.03998583	0.10815979	0.69909924	0.85487569	UQCC2
3159	ENSG00000137309	5951.55614	-0.28426829	0.06306002	4.66E-06	4.72E-05	HMGA1
6941	ENSG00000137310	552.266647	-0.10494725	0.10510319	0.29743633	0.52412619	TCF19
10211	ENSG00000137312	2286.81796	-0.07475517	0.06461657	0.24020481	0.45820056	FLOT1
8870	ENSG00000137331	1.47656161	-0.0565733	0.38506853	0.4071063	NA	IER3
9656	ENSG00000137337	2272.57512	0.02463036	0.07262088	0.73052919	0.87107559	MDC1
84547	ENSG00000137338	340.43	-0.0705586	0.12884246	0.56016469	0.76415299	PGBD1
79969	ENSG00000137343	1032.51101	0.44361434	0.0904031	4.34E-07	5.23E-06	ATAT1
7172	ENSG00000137364	346.18004	-0.19687873	0.13518997	0.11857291	0.2827168	TPMT
1208	ENSG00000137392	0	NA	NA	NA	NA	CLPS
255488	ENSG00000137393	19.8277968	1.19808485	0.64911497	0.00372138	0.01816736	RNF144B

11270	ENSG00000137404	346.173731	-0.00191268	0.12380186	0.98632762	0.99540871	NRM
23787	ENSG00000137409	2196.36782	0.10979097	0.08250463	0.17306774	0.36578929	MTCH1
57176	ENSG00000137411	1023.62704	0.16168665	0.08446473	0.04956228	0.14803945	VARS2
129685	ENSG00000137413	552.954437	0.20045108	0.12827466	0.09650079	0.24281239	TAF8
51439	ENSG00000137414	1104.98562	-0.35058254	0.08530047	2.40E-05	0.00021136	FAM8A1
347744	ENSG00000137434	19.5239493	0.34470414	0.44642236	0.11919895	0.28385039	C6orf52
9982	ENSG00000137440	0	NA	NA	NA	NA	FGFBP1
83888	ENSG00000137441	0.173733	0.01914545	0.38484597	0.78225479	NA	FGFBP2
132864	ENSG00000137449	123.841805	0.6181575	0.24026161	0.00243605	0.01267872	CPEB2
85462	ENSG00000137460	43.2071579	0.44271389	0.35963758	0.06478961	0.181378	FHDC1
7097	ENSG00000137462	21.4740889	1.59865626	0.56327792	0.00025598	0.00177701	TLR2
84709	ENSG00000137463	14.9480423	-0.44007834	0.53788263	0.06821039	0.18798362	MGARP
83894	ENSG00000137473	2.28648112	-0.0407789	0.38016519	0.57532206	NA	TTC29
4647	ENSG00000137474	60.5978013	-0.7809553	0.32140559	0.0022105	0.01167014	MYO7A
9873	ENSG00000137478	700.051821	-0.33664837	0.09752933	0.00034488	0.00231946	FCHSD2
408	ENSG00000137486	1235.34493	-0.79731123	0.08920494	8.11E-20	2.98E-18	ARRB1
11309	ENSG00000137491	2.48640729	0.06649655	0.38308505	0.43977902	NA	SLCO2B1
5612	ENSG00000137492	1302.54983	-0.51872731	0.08112025	6.08E-11	1.20E-09	THAP12
338699	ENSG00000137494	170.115672	0.46847476	0.19195445	0.00568848	0.02594468	ANKRD42
10068	ENSG00000137496	389.873481	0.2214169	0.13649536	0.08173042	0.21460185	IL18BP
4926	ENSG00000137497	12864.3344	0.20884122	0.05192067	4.89E-05	0.00040132	NUMA1
60492	ENSG00000137500	996.191145	-0.10482504	0.09268581	0.24307103	0.4614419	CCDC90B
54843	ENSG00000137501	17.033588	0.07440245	0.3334658	0.66786003	0.83661718	SYTL2
27314	ENSG00000137502	420.966405	-0.05241925	0.13050077	0.6667407	0.83582576	RAB30
58487	ENSG00000137504	2918.76811	0.2168216	0.07032393	0.0016907	0.0093021	CREBZF
2615	ENSG00000137507	34.0373183	-0.63529015	0.42393237	0.0212754	0.07656521	LRRC32
5547	ENSG00000137509	882.059986	0.22291382	0.08658204	0.00812137	0.0349822	PRCP
79731	ENSG00000137513	483.940987	0.11715418	0.12643081	0.32590343	0.55406376	NARS2
55298	ENSG00000137522	503.380304	0.24299153	0.12749672	0.04267815	0.1320147	RNF121
29088	ENSG00000137547	602.367594	-0.18060814	0.13907588	0.1619458	0.35042673	MRPL15
51050	ENSG00000137558	655.03579	1.34149456	0.11558144	3.73E-32	2.26E-30	PII5
7274	ENSG00000137561	0	NA	NA	NA	NA	TTPA
8836	ENSG00000137563	763.44571	0.28493751	0.09425306	0.00177763	0.00967311	GGH
81796	ENSG00000137571	4.61069147	0.04307198	0.36800791	0.7093134	0.86050983	SLCO5A1
23213	ENSG00000137573	0	NA	NA	NA	NA	SULF1
96764	ENSG00000137574	944.581771	-0.00113384	0.08750558	0.98861912	0.99604194	TGS1
6386	ENSG00000137575	1268.67016	0.60165399	0.07918926	9.31E-15	2.48E-13	SDCBP
4750	ENSG00000137601	385.540056	0.02509127	0.12188241	0.82903259	0.9225423	NEK1

55601	ENSG00000137628	72.7399537	0.25920482	0.25742043	0.19240347	0.39466357	DDX60
54827	ENSG00000137634	0	NA	NA	NA	NA	NXPE4
6653	ENSG00000137642	696.16855	-0.7072943	0.10010707	3.69E-13	8.64E-12	SORL1
56649	ENSG00000137648	0.18922458	0.01954053	0.38488496	0.78225479	NA	TMPRSS4
84811	ENSG00000137656	420.326522	-0.04780528	0.11831795	0.67027489	0.83763251	BUD13
7225	ENSG00000137672	0	NA	NA	NA	NA	TRPC6
4316	ENSG00000137673	0	NA	NA	NA	NA	MMP7
9313	ENSG00000137674	0	NA	NA	NA	NA	MMP20
64066	ENSG00000137675	0	NA	NA	NA	NA	MMP27
85016	ENSG00000137691	0.16735865	0.01897177	0.38482933	0.78225479	NA	CFAP300
84259	ENSG00000137692	1077.69075	0.05052001	0.096215	0.58827285	0.78310073	DCUN1D5
10413	ENSG00000137693	38.8316798	6.26994944	1.01388237	4.07E-10	7.33E-09	YAP1
23650	ENSG00000137699	17.1038828	0.09659913	0.34054198	0.57949566	0.77706744	TRIM29
2542	ENSG00000137700	961.097972	0.19931283	0.10231853	0.04294875	0.13257414	SLC37A4
54766	ENSG00000137707	0	NA	NA	NA	NA	BTG4
25833	ENSG00000137709	1.96755609	0.13267835	0.41631926	0.02925138	NA	POU2F3
5962	ENSG00000137710	1869.12628	-0.23580861	0.08323106	0.00361264	0.01773691	RDX
5519	ENSG00000137713	866.670118	0.43378903	0.0991512	5.83E-06	5.80E-05	PPP2R1B
2230	ENSG00000137714	271.571944	-0.39759475	0.15430895	0.0049493	0.02304052	FDX1
64776	ENSG00000137720	224.387926	0.19215437	0.169131	0.20544734	0.41239126	C11orf1
53826	ENSG00000137726	2076.01554	-0.02301857	0.0796011	0.76624844	0.89247205	FXVD6
57569	ENSG00000137727	2.190634	0.12153585	0.40578099	0.08841696	NA	ARHGAP20
486	ENSG00000137731	2.5954829	0.1533084	0.42210407	0.0719571	0.19545849	FXVD2
4322	ENSG00000137745	0	NA	NA	NA	NA	MMP13
84000	ENSG00000137747	2.10157625	0.05706524	0.38531284	0.3993012	NA	TMPRSS13
834	ENSG00000137752	0	NA	NA	NA	NA	CASP1
838	ENSG00000137757	0	NA	NA	NA	NA	CASP5
91801	ENSG00000137760	247.275301	0.13601041	0.14823753	0.31967814	0.54727882	ALKBH8
5607	ENSG00000137764	360.98644	0.24069595	0.13192275	0.05137801	0.15218103	MAP2K5
440279	ENSG00000137766	0	NA	NA	NA	NA	UNC13C
58472	ENSG00000137767	16.7890462	2.99653078	0.71932277	2.17E-06	2.33E-05	SQOR
51496	ENSG00000137770	1315.43609	-0.20119621	0.09425477	0.02737541	0.09336911	CTDSPL2
79811	ENSG00000137776	2216.05444	0.13793024	0.07064991	0.04685049	0.14165097	SLTM
7057	ENSG00000137801	85.9130024	1.61959712	0.29386503	2.37E-09	3.87E-08	THBS1
23005	ENSG00000137802	1046.70031	-0.0542549	0.09647448	0.56018502	0.76415299	MAPKBP1
51203	ENSG00000137804	2366.46052	-0.19443404	0.07691776	0.00971198	0.04053128	NUSAP1
51103	ENSG00000137806	210.540434	0.00373256	0.18380673	0.98303792	0.99428951	NDUFAF1
9493	ENSG00000137807	1124.63954	0.02806606	0.0964069	0.76441637	0.89148768	KIF23

NA	ENSG00000137808	0	NA	NA	NA	NA	
22801	ENSG00000137809	31.7852283	0.00538758	0.33246781	0.97606419	0.99170422	ITGA11
57082	ENSG00000137812	1434.17567	-0.52648944	0.11058425	6.94E-07	8.07E-06	KNL1
55142	ENSG00000137814	452.286471	0.01395689	0.12549641	0.90785058	0.95978728	HAUS2
23168	ENSG00000137815	1809.94371	0.10665635	0.07136391	0.12834547	0.29903961	RTF1
56965	ENSG00000137817	1546.74416	-0.84424818	0.07641252	3.97E-29	2.22E-27	PARP6
6176	ENSG00000137818	21183.7608	-0.07750311	0.04902451	0.11067503	0.26834208	RPLP1
54852	ENSG00000137819	33.2063829	0.39298761	0.39178325	0.09665928	0.24306007	PAQR5
54839	ENSG00000137821	499.876431	-0.20827581	0.12556639	0.07806333	0.20763862	LRRC49
27229	ENSG00000137822	1562.81438	-0.10408822	0.09488472	0.25661152	0.47767496	TUBGCP4
55177	ENSG00000137824	454.130013	-0.23672021	0.12158554	0.03937642	0.12401014	RMDN3
3706	ENSG00000137825	9.02027366	-0.03246432	0.3548686	0.8130131	0.91544721	ITPKA
55075	ENSG00000137831	459.410121	0.3007954	0.13438551	0.01660308	0.06268392	UACA
4091	ENSG00000137834	46.0207022	2.7624316	0.40935022	1.15E-12	2.61E-11	SMAD6
5330	ENSG00000137841	72.2448503	-0.15131549	0.26362559	0.43865949	0.663946	PLCB2
80021	ENSG00000137842	285.418923	0.19546132	0.13795375	0.12818693	0.29899232	TMEM62
56924	ENSG00000137843	94.8147683	-0.32483574	0.25463665	0.10410681	0.25686042	PAK6
106821730	ENSG00000137843	94.8147683	-0.32483574	0.25463665	0.10410681	0.25686042	PAK6
102	ENSG00000137845	1241.42955	-0.06985353	0.09620242	0.45238419	0.67559671	ADAM10
53905	ENSG00000137857	156.938478	0.71455744	0.20097951	7.81E-05	0.00061115	DUOX1
9153	ENSG00000137860	3.64663931	-0.10012268	0.38631401	0.35831613	0.58854144	SLC28A2
64220	ENSG00000137868	3699.86852	-0.79478998	0.07099806	8.37E-30	4.80E-28	STRA6
1588	ENSG00000137869	0	NA	NA	NA	NA	CYP19A1
54816	ENSG00000137871	924.667197	-0.2562513	0.10706145	0.01236782	0.04945132	ZNF280D
80031	ENSG00000137872	436.128408	-0.12030723	0.13792316	0.34841071	0.57911259	SEMA6D
10017	ENSG00000137875	1.5998228	-0.11145782	0.40606854	0.06065909	NA	BCL2L10
51187	ENSG00000137876	2514.61034	0.22821174	0.06937975	0.0008146	0.00494694	RSL24D1
51332	ENSG00000137877	16.0490697	0.0548401	0.33728114	0.74086143	0.87763281	SPTBN5
145781	ENSG00000137878	52.118168	-0.74685599	0.34157268	0.0043551	0.02075553	GCOM1
2644	ENSG00000137880	17.2632774	-1.46330909	0.70564007	0.00193691	0.01039728	GCHFR
8412	ENSG00000137936	127.17502	0.68862965	0.21517477	0.00029188	0.00199549	BCAR3
723788	ENSG00000137936	127.17502	0.68862965	0.21517477	0.00029188	0.00199549	BCAR3
79739	ENSG00000137941	924.908563	-0.04453436	0.10968898	0.67070945	0.83771678	TTLL7
54874	ENSG00000137942	2921.39841	0.15476168	0.05855182	0.00746982	0.03261469	FNBP1L
56267	ENSG00000137944	618.384675	0.11536713	0.10263377	0.24352296	0.46198062	KYAT3
2959	ENSG00000137947	329.809434	0.01386991	0.1268672	0.90890913	0.96056875	GTF2B
676	ENSG00000137948	0	NA	NA	NA	NA	BRDT
5876	ENSG00000137955	1215.28486	-0.17651189	0.08657152	0.03599916	0.11585132	RABGGTB

10964	ENSG00000137959	0.53686373	0.03973037	0.3868486	0.41316805	NA	IFI44L
54810	ENSG00000137960	1.32426889	-0.05755939	0.38758647	0.29338197	NA	GIPC2
9411	ENSG00000137962	232.740447	0.48210175	0.16297439	0.00120843	0.00696553	ARHGAP29
10561	ENSG00000137965	4.44451348	5.1958381	2.76366752	0.00042505	0.00279607	IFI44
204962	ENSG00000137968	654.821985	0.34530566	0.10890307	0.00092099	0.00552039	SLC44A5
NA	ENSG00000137970	4.46731687	0.05974695	0.37653066	0.56350619	0.76627833	RPL7P9
9635	ENSG00000137975	0	NA	NA	NA	NA	CLCA2
58511	ENSG00000137976	0.32361704	-0.00016112	0.38336248	0.98180736	NA	DNASE2B
1629	ENSG00000137992	571.402412	-0.11592541	0.13068164	0.34405458	0.57438933	DBT
8634	ENSG00000137996	566.765984	0.05518611	0.12546724	0.64254425	0.82136499	RTCA
26160	ENSG00000138002	1092.88632	0.48845691	0.10781748	2.38E-06	2.53E-05	IFT172
85465	ENSG00000138018	2233.7795	-0.30871212	0.08593638	0.00022073	0.00155346	SELENOI
10669	ENSG00000138028	932.207286	-0.27934491	0.08640953	0.0008799	0.00529648	CGREF1
3032	ENSG00000138029	1479.85799	0.03422494	0.07821698	0.65636363	0.8292845	HADHB
3795	ENSG00000138030	394.334822	0.06781372	0.13820179	0.59971017	0.79066681	KHK
109	ENSG00000138031	878.3366	-0.51341046	0.09463589	2.20E-08	3.18E-07	ADCY3
5495	ENSG00000138032	1086.14923	0.02774786	0.08001402	0.72356695	0.86792244	PPM1B
87178	ENSG00000138035	749.85036	0.18169155	0.09812897	0.05512731	0.16046446	PNPT1
51626	ENSG00000138036	350.142364	0.32675929	0.14416294	0.01432241	0.05554485	DYNC2L1
3973	ENSG00000138039	0.18922458	0.01954053	0.38488496	0.78225479	NA	LHCGR
80745	ENSG00000138050	424.158518	0.10651281	0.14162868	0.41856143	0.64459045	THUMPD2
1545	ENSG00000138061	141.136325	0.07501803	0.18432243	0.64685167	0.82421635	CYP1B1
391365	ENSG00000138068	0	NA	NA	NA	NA	SULT6B1
5861	ENSG00000138069	1621.34838	-0.07924793	0.08561575	0.34167514	0.57180671	RAB1A
10097	ENSG00000138071	4710.26485	-0.22051042	0.05634877	7.97E-05	0.00062123	ACTR2
10113	ENSG00000138073	1296.89464	0.27808197	0.08922885	0.00132148	0.00751235	PREB
8884	ENSG00000138074	1516.82629	-0.03326044	0.08312043	0.68112819	0.84419446	SLC5A6
64240	ENSG00000138075	2.62288524	0.02075514	0.37245614	0.83218655	0.92392457	ABCG5
9581	ENSG00000138078	2168.62101	-0.22734387	0.0771297	0.00257199	0.01329555	PREPL
6519	ENSG00000138079	1.55097574	0.0929806	0.39470205	0.21059753	NA	SLC3A1
11117	ENSG00000138080	7215.26682	-0.18793854	0.055512	0.00061302	0.00385495	EMILIN1
80204	ENSG00000138081	2466.41915	-0.12778891	0.07334215	0.07558395	0.20253722	FBXO11
6496	ENSG00000138083	2617.93489	0.14395663	0.07941664	0.06369262	0.17918196	SIX3
51374	ENSG00000138085	1480.9932	0.08274678	0.07735588	0.27463695	0.49847198	ATRAID
79172	ENSG00000138092	1789.60489	-0.2515907	0.07242298	0.00038466	0.00255669	CENPO
10128	ENSG00000138095	5643.08266	-0.20844666	0.0540974	9.03E-05	0.00069501	LRPPRC
57159	ENSG00000138100	60.5822755	-1.98483356	0.34027046	3.64E-10	6.63E-09	TRIM54
1838	ENSG00000138101	656.744739	-0.00307039	0.10029841	0.97385757	0.99048209	DTNB

10121	ENSG00000138107	3107.95307	-0.06697938	0.06514287	0.29641349	0.52297409	ACTR1A
1559	ENSG00000138109	0	NA	NA	NA	NA	CYP2C9
79847	ENSG00000138111	437.107103	-0.50141021	0.14777185	0.00025499	0.00177133	MFSD13A
1558	ENSG00000138115	0.18922458	0.01954053	0.38488496	0.78225479	NA	CYP2C8
26509	ENSG00000138119	2.6240105	0.15683239	0.42689945	0.03864407	0.12228832	MYOF
84171	ENSG00000138131	79.6659816	-0.06658663	0.21994084	0.71118755	0.86120368	LOXL4
57559	ENSG00000138134	216.59416	0.03452163	0.16147214	0.8149092	0.91598064	STAMBPL1
9023	ENSG00000138135	0	NA	NA	NA	NA	CH25H
10660	ENSG00000138136	0.33817773	0.00200115	0.38337497	0.96934855	NA	LBX1
84896	ENSG00000138138	1660.00112	-0.18443279	0.07449752	0.01132947	0.04598543	ATAD1
118663	ENSG00000138152	0.173733	0.01914545	0.38484597	0.78225479	NA	BTBD16
3832	ENSG00000138160	2238.94734	-0.40349932	0.0670896	9.53E-10	1.64E-08	KIF11
50624	ENSG00000138161	9.46963836	0.10230064	0.36058982	0.51467683	0.72937777	CUZD1
10579	ENSG00000138162	1523.68904	-0.58538537	0.08919614	1.67E-11	3.47E-10	TACC2
1847	ENSG00000138166	51.7698117	0.1485277	0.25527642	0.44590491	0.67028199	DUSP5
51063	ENSG00000138172	77.6932023	-0.0257596	0.22674859	0.88672169	0.95023138	CALHM2
403	ENSG00000138175	793.362228	-0.17771988	0.08959431	0.04050567	0.1265563	ARL3
55165	ENSG00000138180	699.418186	-0.42467581	0.09631652	5.07E-06	5.08E-05	CEP55
9585	ENSG00000138182	876.304143	-0.20322375	0.09831031	0.03176963	0.10499908	KIF20B
953	ENSG00000138185	1002.34267	0.19118223	0.10029099	0.04814509	0.1446175	ENTPD1
54536	ENSG00000138190	392.039288	-0.23908103	0.12589134	0.04358442	0.13391897	EXOC6
51196	ENSG00000138193	174.061657	-0.31262029	0.27204599	0.12755432	0.29800727	PLCE1
5950	ENSG00000138207	5.4180837	0.16063624	0.40421716	0.23643391	0.45322211	RBP4
51163	ENSG00000138231	620.142342	-0.03430094	0.11197201	0.74653232	0.8807279	DBR1
23317	ENSG00000138246	1455.32964	0.05565395	0.07831841	0.46820035	0.69110148	DNAJC13
53836	ENSG00000138271	0	NA	NA	NA	NA	GPR87
310	ENSG00000138279	742.02519	0.11379065	0.10658037	0.26649223	0.48892231	ANXA7
317662	ENSG00000138286	826.410198	0.17032362	0.09453969	0.06281034	0.17744542	FAM149B1
51008	ENSG00000138303	390.601097	-0.22356118	0.12654864	0.06022211	0.17171698	ASCC1
84647	ENSG00000138308	0.83861444	-0.01118817	0.38091392	0.84358121	NA	PLA2G12B
22891	ENSG00000138311	102.25309	-1.27439245	0.24592817	1.98E-08	2.89E-07	ZNF365
170392	ENSG00000138315	0.31802559	0.00095554	0.38336542	0.9679205	NA	OIT3
140766	ENSG00000138316	58.5328156	-0.51661718	0.30358713	0.02453887	0.08587956	ADAMTS14
6229	ENSG00000138326	12965.1539	-0.30252525	0.04930418	5.89E-10	1.05E-08	RPS24
80312	ENSG00000138336	504.881898	-0.15217906	0.11699528	0.17081004	0.36283417	TET1
1763	ENSG00000138346	766.142464	-0.28324779	0.12657942	0.01731212	0.06489096	DNA2
84665	ENSG00000138347	0	NA	NA	NA	NA	MYPN
316	ENSG00000138356	46.5162578	-0.90901824	0.38526863	0.00200836	0.0107459	AOX1

471	ENSG00000138363	1641.3653	0.1500289	0.09250317	0.09442921	0.23890276	ATIC
50485	ENSG00000138375	518.146425	0.18797697	0.12208746	0.10383208	0.25644573	SMARCAL1
580	ENSG00000138376	378.281634	0.33441936	0.14989808	0.01524068	0.05837356	BARD1
6775	ENSG00000138378	21.5574355	0.24622015	0.37251846	0.23085632	0.44684775	STAT4
2660	ENSG00000138379	3.48831158	0.06783578	0.37515113	0.54622353	0.75345287	MSTN
79800	ENSG00000138380	271.914405	0.06401474	0.17005763	0.67560685	0.84120289	CARF
54529	ENSG00000138381	658.264664	-0.47169234	0.11496673	1.71E-05	0.00015545	ASNSD1
29081	ENSG00000138382	462.340481	0.2006977	0.11019854	0.05680066	0.16421638	METTL5
6741	ENSG00000138385	2186.62087	-0.13066349	0.07795335	0.08650042	0.22401363	SSB
4664	ENSG00000138386	1274.96011	-0.08401987	0.0896192	0.33480044	0.56474327	NAB1
65061	ENSG00000138395	6.15818008	-0.02539268	0.36060022	0.8398335	0.92728013	CDK15
9360	ENSG00000138398	1376.90361	-0.37276905	0.09050348	2.16E-05	0.00019281	PPIG
79675	ENSG00000138399	457.284475	-0.23880364	0.13592826	0.05934719	0.16966113	FASTKD1
130752	ENSG00000138400	14.5754375	0.2448064	0.40712114	0.20117134	0.40643985	MDH1B
57520	ENSG00000138411	345.34902	-0.00935624	0.12412238	0.93560977	0.97325384	HECW2
3417	ENSG00000138413	1147.80504	-0.00414275	0.09565623	0.96344916	0.98545957	IDH1
29789	ENSG00000138430	1686.52682	-0.13823963	0.0773431	0.06737197	0.18634601	OLA1
9541	ENSG00000138433	389.161744	0.10695416	0.12036148	0.34951452	0.58004303	CIR1
6744	ENSG00000138434	1045.0858	-0.19552875	0.09089954	0.02636669	0.09077131	ITPRID2
1134	ENSG00000138435	5.71943676	0.00711825	0.35787174	0.95896419	0.9831126	CHRNA1
150864	ENSG00000138439	639.876377	-0.23181522	0.11026659	0.02764733	0.09400566	FAM117B
55759	ENSG00000138442	1136.62298	-0.17271937	0.13869394	0.18001023	0.37673028	WDR12
10152	ENSG00000138443	3489.12813	-0.09058313	0.06274783	0.14307072	0.32222162	ABI2
3685	ENSG00000138448	1393.6415	-0.16586597	0.11835938	0.13933645	0.31622334	ITGAV
30061	ENSG00000138449	196.646546	0.43203387	0.16711255	0.00432396	0.02062195	SLC40A1
55032	ENSG00000138459	627.025982	-0.55463632	0.12820622	4.98E-06	5.02E-05	SLC35A5
84925	ENSG00000138463	217.239003	-0.08494665	0.17433002	0.58305071	0.77960143	SLC49A4
57337	ENSG00000138468	612.868962	-0.03111954	0.11077457	0.76695641	0.89261979	SENP7
9626	ENSG00000138472	0	NA	NA	NA	NA	GUCA1C
84692	ENSG00000138483	0.69837401	0.02518644	0.38341849	0.57787734	NA	CCDC54
10063	ENSG00000138495	389.159566	0.04787691	0.13900599	0.71266079	0.86169546	COX17
83666	ENSG00000138496	346.195857	0.1288254	0.13030873	0.29325511	0.5194341	PARP9
55329	ENSG00000138587	162.223315	-0.07419949	0.17645108	0.63483985	0.81617564	MNS1
9101	ENSG00000138592	999.87625	-0.00189567	0.0843202	0.98119686	0.99355086	USP8
9728	ENSG00000138593	1134.05779	0.27134361	0.0993479	0.00458041	0.02160614	SECISBP2L
29766	ENSG00000138594	993.386437	-0.00592666	0.10809896	0.95310764	0.98058207	TMOD3
112268148	ENSG00000138594	993.386437	-0.00592666	0.10809896	0.95310764	0.98058207	TMOD3
84888	ENSG00000138600	629.339619	-0.37458678	0.10455691	0.00018945	0.00135494	SPPL2A

26035	ENSG00000138604	287.060367	0.02720279	0.13880766	0.83460722	0.92451691	GLCE
90525	ENSG00000138606	1158.74173	0.12888956	0.07969019	0.09836321	0.24621828	SHF
83464	ENSG00000138613	160.915608	0.41488353	0.22979988	0.02985577	0.09998962	APH1B
81556	ENSG00000138614	871.874358	-0.05464453	0.12791042	0.64972467	0.82525848	INTS14
8483	ENSG00000138615	14.2307896	0.02802963	0.32527855	0.87472557	0.94484382	CILP
54956	ENSG00000138617	214.623359	0.14704864	0.1502114	0.28732437	0.51306915	PARP16
60490	ENSG00000138621	143.59762	-0.17572147	0.24541749	0.35801489	0.58833889	PPCDC
10021	ENSG00000138622	14.3298217	-2.42878105	0.78276487	0.00010654	0.00080489	HCN4
8482	ENSG00000138623	122.73509	-0.10932281	0.19335476	0.51218196	0.72744578	SEMA7A
84993	ENSG00000138629	1389.08566	0.14060446	0.08921611	0.10533683	0.25877695	UBL7
83478	ENSG00000138639	31.2261993	1.55834569	0.59908492	0.00037674	0.00251078	ARHGAP24
10144	ENSG00000138640	112.481191	0.45377837	0.22914427	0.0181903	0.06735733	FAM13A
8916	ENSG00000138641	109.93599	-0.04785113	0.20978198	0.7841312	0.9017077	HERC3
55008	ENSG00000138642	105.603856	0.05535934	0.22445329	0.76276053	0.89060552	HERC6
51191	ENSG00000138646	212.873064	0.75532766	0.18651948	9.92E-06	9.42E-05	HERC5
57575	ENSG00000138650	68.18483	-0.62803885	0.33334438	0.01160936	0.04691032	PCDH10
64579	ENSG00000138653	0	NA	NA	NA	NA	NDST4
55345	ENSG00000138658	878.046894	0.00367984	0.08779144	0.96660694	0.98715611	ZGRF1
55435	ENSG00000138660	848.741889	0.03354915	0.09503099	0.71639407	0.86350293	AP1AR
51138	ENSG00000138663	532.199023	-0.17097566	0.12218731	0.13876635	0.31543588	COPS4
3184	ENSG00000138668	8045.7671	-0.23995966	0.06278153	0.00010392	0.00078783	HNRNPD
5593	ENSG00000138669	0	NA	NA	NA	NA	PRKG2
153020	ENSG00000138670	0	NA	NA	NA	NA	RASGEF1B
22872	ENSG00000138674	2796.41657	0.03703028	0.08177653	0.64379343	0.82204027	SEC31A
2250	ENSG00000138675	18.7920263	0.12124225	0.33415629	0.51421058	0.72923073	FGF5
84803	ENSG00000138678	0	NA	NA	NA	NA	GPAT3
59067	ENSG00000138684	0	NA	NA	NA	NA	IL21
2247	ENSG00000138685	363.372493	-0.15970788	0.13098037	0.19627919	0.39997732	FGF2
55212	ENSG00000138686	284.031858	0.10426364	0.15278343	0.45718751	0.6806183	BBS7
84162	ENSG00000138688	1704.76659	0.27012662	0.07426473	0.00020439	0.00145135	KIAA1109
658	ENSG00000138696	970.591513	-0.53311301	0.09273229	3.24E-09	5.20E-08	BMPRI1B
5910	ENSG00000138698	811.25595	-0.15115535	0.09140101	0.08797932	0.2266307	RAP1GDS1
55132	ENSG00000138709	326.531553	0.04359553	0.14034058	0.73971909	0.8770894	LARP1B
22915	ENSG00000138722	1.03111363	-0.00079013	0.37916723	0.99025885	NA	MMRN1
8654	ENSG00000138735	360.560849	1.21486482	0.16407123	1.26E-14	3.32E-13	PDE5A
11107	ENSG00000138738	257.025376	0.45835268	0.17819051	0.00408602	0.01964299	PRDM5
7222	ENSG00000138741	1.48147409	0.10022246	0.4018286	0.07221301	NA	TRPC3
27163	ENSG00000138744	55.7183287	0.33304111	0.29777899	0.12206058	0.28886671	NAAA

53371	ENSG00000138750	531.945492	-0.15645432	0.11629326	0.15693526	0.34373985	NUP54
4283	ENSG00000138755	0	NA	NA	NA	NA	CXCL9
55589	ENSG00000138756	430.022698	0.33728207	0.15785583	0.01900533	0.06992015	BMP2K
9908	ENSG00000138757	4097.77092	-0.18113742	0.06367007	0.00385151	0.01866943	G3BP2
55752	ENSG00000138758	3788.6936	-0.18828987	0.06496297	0.0032482	0.01618796	SEPTIN11
80144	ENSG00000138759	4671.28705	-1.11946122	0.05406592	3.71E-96	1.10E-93	FRAS1
950	ENSG00000138760	4949.77799	0.18917201	0.05466658	0.00047709	0.0030963	SCARB2
901	ENSG00000138764	1148.74058	0.21284139	0.10230024	0.03058915	0.10191246	CCNG2
246175	ENSG00000138767	509.193204	-0.24088705	0.15871719	0.09329202	0.23668972	CNOT6L
8615	ENSG00000138768	1538.21833	0.04626145	0.08918314	0.59447927	0.7877158	USO1
8999	ENSG00000138769	84.606132	0.11211632	0.25234499	0.5600472	0.76415299	CDKL2
57619	ENSG00000138771	1945.91495	-0.12333821	0.08772166	0.1479938	0.33012187	SHROOM3
306	ENSG00000138772	2.07802796	0.07411435	0.3851653	0.39405882	NA	ANXA3
27068	ENSG00000138777	579.998048	-0.022072	0.10744003	0.82844735	0.92220943	PPA2
1062	ENSG00000138778	1557.88498	-0.49341709	0.07031594	9.31E-13	2.13E-11	CENPE
79807	ENSG00000138780	555.766156	-0.21475915	0.13088297	0.07977804	0.21084412	GSTCD
57117	ENSG00000138785	356.699081	-0.04798627	0.13941235	0.71049204	0.86099206	INTS12
2028	ENSG00000138792	0.16735865	0.01897177	0.38482933	0.78225479	NA	ENPEP
839	ENSG00000138794	232.147211	0.46994415	0.2061468	0.0084696	0.0361669	CASP6
51176	ENSG00000138795	11.7798426	0.30055951	0.55293956	0.00721557	0.03169994	LEF1
3033	ENSG00000138796	1286.44456	-0.29012879	0.09212087	0.00113961	0.00660722	HADH
1950	ENSG00000138798	0	NA	NA	NA	NA	EGF
9061	ENSG00000138801	1902.93936	0.36268142	0.07137238	2.26E-07	2.85E-06	PAPSS1
10427	ENSG00000138802	836.925885	-0.1439763	0.08802462	0.09234415	0.2349928	SEC24B
84103	ENSG00000138813	0	NA	NA	NA	NA	C4orf17
5530	ENSG00000138814	748.854892	-0.20496645	0.09628578	0.02746577	0.09356471	PPP3CA
64116	ENSG00000138821	320.993934	0.94700413	0.13564633	4.30E-13	1.00E-11	SLC39A8
4547	ENSG00000138823	4.88393185	-0.00428062	0.36238045	0.96964561	0.98858077	MTTP
2201	ENSG00000138829	0	NA	NA	NA	NA	FBN2
23162	ENSG00000138834	3885.23377	0.30602911	0.06977712	7.94E-06	7.68E-05	MAPK8IP3
5998	ENSG00000138835	120.708033	0.07130846	0.19184481	0.6692627	0.83726414	RGS3
83606	ENSG00000138867	1250.87756	0.24441971	0.09851574	0.01008401	0.04167381	GUCD1
164714	ENSG00000138892	0	NA	NA	NA	NA	TTLL8
91445	ENSG00000138942	736.242862	-0.03162853	0.10215224	0.74716291	0.88120985	RNF185
85352	ENSG00000138944	0.173124	-0.01911262	0.38486262	0.84537521	NA	SHISAL1
64098	ENSG00000138964	0.51937201	-0.02557462	0.38567603	0.54680819	NA	PARVG
283358	ENSG00000139044	218.785465	-0.33718571	0.17598571	0.03124679	0.10358167	B4GALNT3
5149	ENSG00000139053	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PDE6H

121506	ENSG00000139055	0	NA	NA	NA	NA	ERP27
2120	ENSG00000139083	295.949988	0.62022189	0.14916266	8.69E-06	8.34E-05	ETV6
23710	ENSG00000139112	145.432853	0.36730938	0.19480939	0.03050706	0.10172437	GABARAPL1
55605	ENSG00000139116	8378.59343	-0.03192756	0.05671484	0.56813822	0.76919502	KIF21A
144402	ENSG00000139117	5.8342597	0.07695163	0.36878857	0.55722586	0.76258372	CPNE8
51067	ENSG00000139131	296.304138	0.07419154	0.13024363	0.54524254	0.75294856	YARS2
121512	ENSG00000139132	870.97427	-0.04554902	0.09662333	0.62535228	0.80924616	FGD4
84920	ENSG00000139133	149.575532	-0.02414026	0.18275779	0.87940182	0.94652699	ALG10
5288	ENSG00000139144	0	NA	NA	NA	NA	PIK3C2G
58516	ENSG00000139146	2950.15106	-0.09512785	0.0855925	0.25354179	0.47391189	SINHCAF
89869	ENSG00000139151	0	NA	NA	NA	NA	PLCZ1
121536	ENSG00000139154	510.234173	0.23214291	0.14358667	0.08048201	0.21233551	AEBP2
53919	ENSG00000139155	18.6034227	1.34996225	0.83843315	0.00366989	0.0179602	SLCO1C1
254013	ENSG00000139160	35.3660611	-0.19069187	0.30138037	0.34862438	0.57928875	ETFBKMT
55500	ENSG00000139163	1222.96323	-0.36746258	0.07734037	1.18E-06	1.32E-05	ETNK1
85437	ENSG00000139168	682.271518	-0.00787092	0.10445285	0.93670129	0.97351594	ZCRB1
84216	ENSG00000139173	209.239633	0.05089531	0.15945725	0.72701743	0.86953012	TMEM117
144165	ENSG00000139174	213.12015	-0.39256365	0.18240881	0.01511278	0.05803579	PRICKLE1
51279	ENSG00000139178	145.327226	1.42638547	0.2574979	2.38E-09	3.89E-08	C1RL
4704	ENSG00000139180	723.438896	0.05934517	0.13792302	0.65122226	0.82578612	NDUFA9
9746	ENSG00000139182	1240.82906	0.00831613	0.09161448	0.92735474	0.96962941	CLSTN3
10219	ENSG00000139187	71.6660616	-0.25496889	0.29396579	0.21852646	0.43050004	KLRG1
6843	ENSG00000139190	165.537678	0.11291435	0.22847017	0.5407122	0.74929575	VAMP1
55080	ENSG00000139192	57.8848764	0.4733119	0.33334168	0.04532784	0.13793011	TAPBPL
939	ENSG00000139193	2.20332748	0.11338524	0.40304365	0.13794575	NA	CD27
83758	ENSG00000139194	23.1982672	0.40510933	0.42450731	0.0911164	0.23292738	RBP5
5830	ENSG00000139197	822.003608	-0.26601502	0.10041369	0.00588721	0.02673434	PEX5
196500	ENSG00000139200	951.03358	-0.331998	0.08991007	0.00013966	0.00102739	PIANP
55089	ENSG00000139209	0	NA	NA	NA	NA	SLC38A4
347902	ENSG00000139211	0	NA	NA	NA	NA	AMIGO2
9169	ENSG00000139218	2066.39592	-0.15465832	0.09543109	0.0935335	0.23705987	SCAF11
1280	ENSG00000139219	49.5433631	3.41016316	1.19760693	9.08E-05	0.00069833	COL2A1
8499	ENSG00000139220	0	NA	NA	NA	NA	PPFIA2
23519	ENSG00000139223	0	NA	NA	NA	NA	ANP32D
84298	ENSG00000139233	611.817033	-0.1629894	0.1276465	0.17461756	0.36831942	LLPH
NA	ENSG00000139239	6.99554107	-0.02296309	0.35676504	0.86356335	0.93960776	RPL14P1
121227	ENSG00000139263	1.04366226	0.02700427	0.38148494	0.65366058	NA	LRIG3
92979	ENSG00000139266	707.358792	0.13455098	0.09658281	0.14985571	0.33287611	MARCHF9

83729	ENSG00000139269	182.605731	4.35661836	1.0104815	6.14E-07	7.22E-06	INHBE
11010	ENSG00000139278	47.3285057	-0.1882209	0.27147848	0.34560663	0.57615625	GLIPR1
121278	ENSG00000139287	0.37039575	-0.01090982	0.38376479	0.90497973	NA	TPH2
22822	ENSG00000139289	616.734235	1.1406246	0.10635276	9.24E-28	4.89E-26	PHLDA1
55266	ENSG00000139291	496.584653	-0.28280897	0.12863766	0.01911983	0.07024768	TMEM19
8549	ENSG00000139292	1054.91122	2.60244181	0.11126163	2.75E-122	1.16E-119	LGR5
374462	ENSG00000139304	0	NA	NA	NA	NA	PTPRQ
1848	ENSG00000139318	2622.53785	0.25930185	0.06775398	9.89E-05	0.00075342	DUSP6
282809	ENSG00000139323	384.934598	0.42253376	0.16249954	0.00427005	0.02039427	POC1B
160418	ENSG00000139324	730.68256	-0.03681378	0.11195431	0.73008569	0.8709773	TMTC3
4060	ENSG00000139329	203.183862	2.37715626	0.56841393	1.31E-06	1.45E-05	LUM
11081	ENSG00000139330	0	NA	NA	NA	NA	KERA
6636	ENSG00000139343	961.297236	0.17805018	0.08382007	0.02950214	0.09908963	SNRPF
144193	ENSG00000139344	30.3226471	1.60008256	0.49590175	7.21E-05	0.00057039	AMDHD1
121441	ENSG00000139350	651.897405	0.37156463	0.10937152	0.00038383	0.00255203	NEDD1
50511	ENSG00000139351	3.91880041	-0.01940386	0.37098661	0.84544236	0.92979914	SYCP3
429	ENSG00000139352	392.54863	5.69404374	0.24344933	2.87E-121	1.19E-118	ASCL1
283431	ENSG00000139354	529.357236	-0.43463844	0.12452667	0.00022227	0.00156208	GAS2L3
114795	ENSG00000139364	0	NA	NA	NA	NA	TMEM132B
121260	ENSG00000139370	332.799644	-0.0483407	0.12679313	0.68543421	0.84697401	SLC15A4
6996	ENSG00000139372	1403.073	-0.10911619	0.07327183	0.12936323	0.30081651	TDG
84934	ENSG00000139405	402.708381	-0.35555208	0.13937686	0.00607729	0.02744045	RITA1
113675	ENSG00000139410	17.4050934	0.02881302	0.32630733	0.87020646	0.94333385	SDSL
326625	ENSG00000139428	854.085699	-0.93673629	0.09954988	7.44E-22	3.04E-20	MMAB
51228	ENSG00000139433	476.274364	0.01640952	0.11162829	0.87887044	0.94636578	GLTP
9815	ENSG00000139436	1183.93332	-0.00705139	0.08250965	0.92954097	0.97060391	GIT2
84260	ENSG00000139437	665.68382	0.00686336	0.13001639	0.95477797	0.98139026	TCHP
84915	ENSG00000139438	2625.52636	-1.91851422	0.07069022	2.29E-163	2.52E-160	FAM222A
121643	ENSG00000139445	526.496286	-1.00479332	0.13613975	2.04E-14	5.30E-13	FOXN4
9818	ENSG00000139496	1686.6239	-0.09558033	0.08227284	0.23357774	0.4504454	NUP58
9107	ENSG00000139505	790.23015	-0.45215404	0.09948636	2.48E-06	2.62E-05	MTMR6
283537	ENSG00000139508	27.8024198	0.28938279	0.35290125	0.18494816	0.38378105	SLC46A3
6541	ENSG00000139514	4295.27353	-0.05652278	0.1073012	0.58236432	0.77918294	SLC7A1
3651	ENSG00000139515	0	NA	NA	NA	NA	PDX1
222484	ENSG00000139517	167.246335	-0.14615568	0.17896685	0.35489924	0.58535214	LNX2
6821	ENSG00000139531	359.371787	-0.02173644	0.12554725	0.8537127	0.93418233	SUOX
85478	ENSG00000139537	20.3882352	0.1227822	0.32669394	0.51586671	0.73002854	CCDC65
283375	ENSG00000139540	3.84285716	0.06485967	0.38033218	0.48424835	0.7045162	SLC39A5

6895	ENSG00000139546	478.963251	0.25540801	0.1129517	0.01769259	0.06596898	TARBP2
8608	ENSG00000139547	9.07287509	0.78181	1.30780556	0.01739428	0.0651137	RDH16
50846	ENSG00000139549	7.20658093	0.11453821	0.36968141	0.4491266	0.6728081	DHH
94	ENSG00000139567	82.9245198	0.73266778	0.28947803	0.00190001	0.01022965	ACVRL1
53831	ENSG00000139572	5.00381307	0.24621288	0.46960432	0.08784316	0.22642697	GPR84
8620	ENSG00000139574	23.3777089	0.09741093	0.30810874	0.61276608	0.80066379	NPFF
79035	ENSG00000139579	1131.85449	-0.27846475	0.09177088	0.0017277	0.00945849	NABP2
90634	ENSG00000139597	186.385377	0.24288115	0.16797526	0.10784253	0.26339391	N4BP2L1
1990	ENSG00000139610	0	NA	NA	NA	NA	CELA1
6601	ENSG00000139613	3934.30539	-0.08201097	0.07169774	0.24377059	0.4621195	SMARCC2
675	ENSG00000139618	788.276534	-0.37002741	0.3125089	0.09447787	0.23893446	BRCA2
54934	ENSG00000139620	540.558461	0.00637045	0.14484105	0.96669252	0.98719269	KANSL2
91012	ENSG00000139624	558.174292	-0.2352171	0.1255927	0.04662339	0.14111488	CERS5
7786	ENSG00000139625	853.067696	-0.12714165	0.09214123	0.15454731	0.33997324	MAP3K12
3695	ENSG00000139626	5.25062743	0.09518494	0.38724135	0.33781133	0.56812552	ITGB7
11226	ENSG00000139629	337.556441	0.04887362	0.14238365	0.7124963	0.86169546	GALNT6
51380	ENSG00000139631	305.240268	0.59871489	0.15277421	2.55E-05	0.00022392	CSAD
55716	ENSG00000139636	954.860269	0.5003851	0.10325306	4.97E-07	5.94E-06	LMBR1L
60314	ENSG00000139637	798.300935	-0.02825033	0.09017978	0.74644638	0.8807279	MYG1
23344	ENSG00000139641	1699.96089	0.04999345	0.07890933	0.51793554	0.73179327	ESYT1
7009	ENSG00000139644	4296.11525	-0.05431277	0.07187683	0.44034553	0.66517856	TMBIM6
283373	ENSG00000139645	3028.20094	0.49310504	0.06488497	1.24E-14	3.28E-13	ANKRD52
112802	ENSG00000139648	0	NA	NA	NA	NA	KRT71
283337	ENSG00000139651	1096.65113	0.07044595	0.09031626	0.42283541	0.64881495	ZNF740
79024	ENSG00000139656	0.173124	-0.01911262	0.38486262	0.84537521	NA	SMIM2
115825	ENSG00000139668	1083.93368	0.31990627	0.10354792	0.0012961	0.00738916	WDFY2
144983	ENSG00000139675	10.2145771	6.72E-06	0.38287261	0.98969382	0.99637314	HNRNPA1L2
10161	ENSG00000139679	0.65371431	0.004689	0.38251884	0.91176106	NA	LPAR6
2098	ENSG00000139684	1120.92332	-0.06719868	0.08035929	0.39262059	0.6218739	ESD
5925	ENSG00000139687	1588.61794	-0.0134073	0.11809906	0.90395222	0.95803483	RB1
55206	ENSG00000139697	1523.2871	-0.22312069	0.08149975	0.00500017	0.02322176	SBNO1
283385	ENSG00000139714	74.7120504	0.12364597	0.22373779	0.49979187	0.7169827	MORN3
23067	ENSG00000139718	976.704914	0.11320527	0.08831225	0.1879919	0.38838712	SETD1B
65082	ENSG00000139719	644.57038	0.13828609	0.12629124	0.2458925	0.46515134	VPS33A
79720	ENSG00000139722	1098.02345	0.00026845	0.08142578	0.99700965	0.99912473	VPS37B
54509	ENSG00000139725	184.877147	0.08217883	0.19233834	0.62134769	0.80672374	RHOF
8562	ENSG00000139726	1706.2333	-0.19312071	0.07757489	0.01088131	0.04443912	DENR
81624	ENSG00000139734	487.137855	-0.15173773	0.11740391	0.17347504	0.36653299	DIAPH3

122060	ENSG00000139737	705.47068	-0.1307971	0.09828933	0.16780956	0.35875832	SLAIN1
64062	ENSG00000139746	1997.28739	-0.18055088	0.06710727	0.00621207	0.02788959	RBM26
84530	ENSG00000139767	1495.65467	-1.03768046	0.07748984	8.99E-42	7.08E-40	SRRM4
196541	ENSG00000139780	0	NA	NA	NA	NA	METTL21C
10150	ENSG00000139793	357.187572	0.31266686	0.13668619	0.01411892	0.05493616	MBNL2
140432	ENSG00000139797	0.47311071	-0.03505208	0.38628403	0.496036	NA	RNF113B
85416	ENSG00000139800	0	NA	NA	NA	NA	ZIC5
84945	ENSG00000139826	452.099368	0.06111883	0.1162168	0.58190287	0.778894	ABHD13
55647	ENSG00000139832	55.4724014	1.28175757	0.38756898	7.48E-05	0.0005886	RAB20
79774	ENSG00000139835	95.8794468	0.27157191	0.22835169	0.14687811	0.32812316	GRTP1
8451	ENSG00000139842	1706.40158	0.12604322	0.0842475	0.12500724	0.29343866	CUL4A
319089	ENSG00000139865	0	NA	NA	NA	NA	TTC6
6751	ENSG00000139874	0	NA	NA	NA	NA	SSTR1
64403	ENSG00000139880	1043.92452	0.03243826	0.08747189	0.7037806	0.85757322	CDH24
161253	ENSG00000139890	58.2214561	0.28604724	0.28746901	0.17295116	0.36578929	REM2
643866	ENSG00000139899	9.98634996	0.20958729	0.41095645	0.21367233	0.4238788	CBLN3
283629	ENSG00000139908	57.0393826	-0.04141639	0.2414865	0.82422546	0.92018644	TSSK4
4857	ENSG00000139910	254.187564	0.06740175	0.17775788	0.66983868	0.83753108	NOVA1
161247	ENSG00000139914	8.01419383	0.02198525	0.34905742	0.88396934	0.94897201	FITM1
161357	ENSG00000139915	0	NA	NA	NA	NA	MDGA2
81542	ENSG00000139921	858.143545	0.27900717	0.08983599	0.00137148	0.00776322	TMX1
122786	ENSG00000139926	466.124517	2.27175943	0.12715885	1.65E-72	2.80E-70	FRMD6
57161	ENSG00000139946	0	NA	NA	NA	NA	PELI2
6252	ENSG00000139970	3075.22048	-0.09396211	0.06122916	0.11963683	0.28460369	RTN1
145407	ENSG00000139971	51.7902248	-0.06716283	0.27835338	0.72671836	0.86949966	ARMH4
83851	ENSG00000139973	671.600189	-0.62304664	0.1424927	3.29E-06	3.41E-05	SYT16
145389	ENSG00000139974	74.0626954	-0.0640755	0.27510027	0.7382891	0.87630444	SLC38A6
122830	ENSG00000139977	550.164239	-0.15233708	0.12493641	0.1958168	0.39944263	NAA30
8747	ENSG00000139985	16.0009477	0.87847271	0.71150099	0.01424663	0.0553462	ADAM21
145226	ENSG00000139988	3.83916817	0.0682149	0.37539545	0.54181998	0.75017788	RDH12
8816	ENSG00000139990	1468.78421	0.12928004	0.07699836	0.08467035	0.22056982	DCAF5
376267	ENSG00000139998	723.086612	-0.11885813	0.11040771	0.25989252	0.48153414	RAB15
112840	ENSG00000140006	303.949321	-0.39170739	0.15448046	0.00562416	0.02570451	WDR89
2100	ENSG00000140009	33.5835089	0.28123845	0.3235757	0.19215549	0.39428741	ESR2
27133	ENSG00000140015	1.20625659	-0.00221032	0.38074056	0.82204911	NA	KCNH5
85439	ENSG00000140022	72.3422256	-0.60399013	0.32978827	0.01352976	0.05313349	STON2
90141	ENSG00000140025	99.3882478	0.07178817	0.21647504	0.68978894	0.84944526	EFCAB11
8477	ENSG00000140030	0.18922458	0.01954053	0.38488496	0.78225479	NA	GPR65

145482	ENSG00000140043	443.489922	0.05071412	0.14192428	0.70216083	0.85686252	PTGR2
122953	ENSG00000140044	93.1128306	1.74392485	0.33593266	1.51E-08	2.22E-07	JDP2
122481	ENSG00000140057	106.31364	-0.48941639	0.24093145	0.0138632	0.05410254	AK7
90050	ENSG00000140067	0	NA	NA	NA	NA	FAM181A
123041	ENSG00000140090	0	NA	NA	NA	NA	SLC24A4
10516	ENSG00000140092	0	NA	NA	NA	NA	FBLN5
51156	ENSG00000140093	0	NA	NA	NA	NA	SERPINA10
122616	ENSG00000140104	241.337038	0.25351318	0.16812259	0.09344502	0.23695669	CLBA1
7453	ENSG00000140105	1520.5333	0.49944137	0.0895886	9.98E-09	1.51E-07	WARS1
283600	ENSG00000140107	1.32137066	0.07872657	0.39199322	0.20799964	NA	SLC25A47
91833	ENSG00000140153	435.389945	0.00987935	0.14162015	0.94133309	0.97559098	WDR20
81614	ENSG00000140157	1143.0522	-0.06710905	0.09450713	0.46149455	0.68465911	NIPA2
9990	ENSG00000140199	693.374829	0.53098194	0.10572884	1.86E-07	2.36E-06	SLC12A6
90527	ENSG00000140254	19.7398548	2.029775	0.61119115	4.69E-05	0.00038722	DUOXA1
4236	ENSG00000140259	880.190034	-0.04795719	0.08424607	0.55886669	0.7635226	MFAP1
6938	ENSG00000140262	5023.36941	0.16816038	0.0606667	0.00497389	0.02313219	TCF12
6652	ENSG00000140263	1770.98514	-0.03789672	0.07696483	0.61424886	0.80178045	SORD
10169	ENSG00000140264	2894.02233	-0.09501526	0.07342188	0.18689748	0.38676207	SERF2
146050	ENSG00000140265	1307.45579	-0.17208907	0.08183788	0.03108539	0.10311556	ZSCAN29
405753	ENSG00000140274	2.31747265	0.04034072	0.38318097	0.51567308	NA	DUOXA2
50506	ENSG00000140279	20.129113	3.98950056	0.86903106	2.06E-07	2.61E-06	DUOX2
256586	ENSG00000140280	180.250173	-0.63352383	0.1869483	0.00017506	0.0012602	LYSMD2
11001	ENSG00000140284	89.8575504	-0.58441087	0.26483028	0.00684187	0.03035391	SLC27A2
2252	ENSG00000140285	2.82266031	0.14049663	0.41953941	0.03314373	0.10852807	FGF7
3067	ENSG00000140287	0.34746601	0.02370763	0.3853651	0.61987128	NA	HDC
9245	ENSG00000140297	0.85078897	0.02111374	0.38250161	0.58859804	NA	GCNT3
663	ENSG00000140299	1478.68725	0.06536531	0.08161414	0.41304773	0.6403849	BNIP2
2958	ENSG00000140307	1039.95609	-0.09116898	0.09272665	0.31012023	0.53778389	GTF2A2
6727	ENSG00000140319	3999.44554	0.03533861	0.0626531	0.56789504	0.76918607	SRP14
22893	ENSG00000140320	973.665498	-0.11792622	0.09615174	0.20439591	0.41102928	BAHD1
85455	ENSG00000140323	621.163097	-0.54655744	0.40200725	0.03495199	0.11318725	DISP2
146059	ENSG00000140326	730.79557	0.10608992	0.13347538	0.39674632	0.6258107	CDAN1
7090	ENSG00000140332	1707.73706	-0.25352827	0.08773182	0.00291782	0.01477528	TLE3
8125	ENSG00000140350	4215.42258	-0.04811361	0.07301897	0.50132302	0.71841948	ANP32A
54939	ENSG00000140365	1012.75927	0.14844222	0.08250585	0.06527289	0.18230796	COMMD4
92912	ENSG00000140367	432.964237	0.15572954	0.11896072	0.16812874	0.35917673	UBE2Q2
9051	ENSG00000140368	19.0743375	-0.7465933	0.75575015	0.02027957	0.07370335	PSTPIP1
2108	ENSG00000140374	1133.69515	-0.17424859	0.08679189	0.03893	0.12293032	ETFA

597	ENSG00000140379	0	NA	NA	NA	NA	BCL2A1
10363	ENSG00000140382	1378.54965	0.09682082	0.10428763	0.33472351	0.5647036	HMG20A
49855	ENSG00000140386	459.870553	-0.16004824	0.11362243	0.13926293	0.31613004	SCAPER
10099	ENSG00000140391	3708.31539	-0.11677098	0.05588936	0.03449058	0.11208731	TSPAN3
80349	ENSG00000140395	607.52164	0.01318736	0.10089804	0.89308679	0.95380535	WDR61
10499	ENSG00000140396	759.421766	-0.46084444	0.11255174	1.83E-05	0.00016575	NCOA2
79661	ENSG00000140398	367.378013	0.35596297	0.13582564	0.00498931	0.0231822	NEIL1
4123	ENSG00000140400	1906.6537	0.58821087	0.09738464	4.88E-10	8.77E-09	MAN2C1
55466	ENSG00000140403	22.9873857	0.12153114	0.31422979	0.53094912	0.74257279	DNAJA4
59274	ENSG00000140406	1321.61276	0.02913502	0.07379509	0.69066298	0.85009948	TLNRD1
7168	ENSG00000140416	835.375646	-0.27102392	0.09649219	0.00360022	0.01768467	TPM1
3480	ENSG00000140443	4465.11566	0.60605155	0.09878065	2.37E-10	4.37E-09	IGF1R
91947	ENSG00000140450	252.447811	-0.00772692	0.14589557	0.95332139	0.98070602	ARRDC4
80119	ENSG00000140451	560.357108	0.18765076	0.12978775	0.12363154	0.29131232	PIF1
9960	ENSG00000140455	681.304639	0.09791902	0.10179559	0.31868877	0.54633934	USP3
1583	ENSG00000140459	2.88689944	0.11337458	0.39656328	0.2404944	0.45856886	CYP11A1
585	ENSG00000140463	434.675304	-0.07943945	0.12650755	0.50498372	0.72130144	BBS4
5371	ENSG00000140464	546.370228	0.01536982	0.11959795	0.89273105	0.95357124	PML
1543	ENSG00000140465	4.29660944	0.03541119	0.37409103	0.71600209	0.86313534	CYP1A1
170691	ENSG00000140470	154.828724	-1.15807004	0.21986324	1.32E-08	1.97E-07	ADAMTS17
55180	ENSG00000140471	242.22997	0.08299259	0.15589702	0.56119623	0.76470695	LINS1
25989	ENSG00000140474	1290.37894	-0.04153223	0.07440296	0.56860797	0.76931138	ULK3
653643	ENSG00000140478	0.44795842	-0.02501848	0.38558245	0.5807882	NA	GOLGA6D
5046	ENSG00000140479	410.17157	-0.24866798	0.14507113	0.06319079	0.17823504	PCSK6
80125	ENSG00000140481	171.7156	-0.43677431	0.19354479	0.01001842	0.04153062	CCDC33
60677	ENSG00000140488	114.493527	-1.51641233	0.25158415	1.31E-10	2.48E-09	CELF6
10066	ENSG00000140497	609.069971	0.41046462	0.11646841	0.00021908	0.00154323	SCAMP2
1544	ENSG00000140505	0	NA	NA	NA	NA	CYP1A2
79748	ENSG00000140506	0.95001248	-0.02968431	0.38428612	0.53539752	NA	LMAN1L
145864	ENSG00000140511	134.801866	-0.3698471	0.19731293	0.03072852	0.10220515	HAPLN3
51458	ENSG00000140519	5.52006437	-0.10053988	0.37616033	0.4422496	0.66698837	RHCG
5428	ENSG00000140521	1515.02571	0.04445189	0.07888685	0.56541261	0.76735248	POLG
6017	ENSG00000140522	0.38611928	-0.01155562	0.38381297	0.89621533	NA	RLBP1
55215	ENSG00000140525	3067.59321	-0.24969419	0.06760498	0.00017077	0.0012334	FANCI
11057	ENSG00000140526	3567.20437	-0.8393718	0.06268044	1.21E-41	9.49E-40	ABHD2
56964	ENSG00000140527	6.36305267	0.40518322	0.65813483	0.03653112	0.11729688	WDR93
90381	ENSG00000140534	971.618998	-0.22429342	0.0965173	0.01604357	0.06089619	TICRR
4916	ENSG00000140538	11.6310775	-4.49269962	1.54406589	4.18E-05	0.00035016	NTRK3

55070	ENSG00000140543	264.994312	-0.20817081	0.15735726	0.14579064	0.32633917	DET1
4240	ENSG00000140545	1312.31747	0.56536059	0.0816721	1.49E-12	3.36E-11	MFG8
374655	ENSG00000140548	709.106172	0.24137781	0.10262929	0.01441107	0.05578843	ZNF710
55898	ENSG00000140553	1870.30865	-0.1767476	0.07482012	0.01585095	0.0603035	UNC45A
8128	ENSG00000140557	636.558739	-0.47631547	0.13567398	0.00018005	0.00129289	ST8SIA2
55784	ENSG00000140563	91.406055	3.6872195	0.8014348	1.45E-07	1.87E-06	MCTP2
5045	ENSG00000140564	688.266271	0.09544539	0.09551528	0.30242459	0.52987991	FURIN
8826	ENSG00000140575	2030.00146	0.15373131	0.10989858	0.14466648	0.32485387	IQGAP1
64784	ENSG00000140577	1266.46677	0.13194259	0.10055524	0.17377256	0.36689354	CRTC3
79631	ENSG00000140598	616.095287	0.05915977	0.1025258	0.54985877	0.75633105	EFL1
6457	ENSG00000140600	0.66106017	-0.03839137	0.38686595	0.40270318	NA	SH3GL3
23478	ENSG00000140612	2515.54942	-0.04220769	0.06173682	0.48803427	0.70784413	SEC11A
124404	ENSG00000140623	0.50207596	0.02562368	0.38565771	0.52549886	NA	SEPTIN12
84656	ENSG00000140632	1822.86106	-0.10671054	0.09839148	0.26090467	0.48276874	GLYR1
5373	ENSG00000140650	1170.83426	-0.17854774	0.08608737	0.03296215	0.10807232	PMM2
6524	ENSG00000140675	17.3586598	-0.00660956	0.32073412	0.96832142	0.98809325	SLC5A2
3687	ENSG00000140678	0	NA	NA	NA	NA	ITGAX
7041	ENSG00000140682	480.905512	0.43374133	0.119892	0.00013854	0.00102064	TGFB1I1
64755	ENSG00000140688	1677.43598	0.32486343	0.0807778	3.78E-05	0.00031891	RUSF1
79798	ENSG00000140691	309.617274	-0.15798809	0.13738395	0.21677046	0.42789035	ARMC5
5073	ENSG00000140694	485.773845	-0.05766332	0.12104752	0.61464436	0.80211433	PARN
79068	ENSG00000140718	1162.277	-0.13114428	0.07961897	0.09249237	0.2351722	FTO
7385	ENSG00000140740	2030.24747	0.0666929	0.069126	0.32757175	0.55599483	UQCRC2
1039	ENSG00000140743	414.050006	-0.06509849	0.1298047	0.59291544	0.78702605	CDR2
10261	ENSG00000140749	10.9104554	0.1813837	0.37894606	0.30729252	0.5347968	IGSF6
55114	ENSG00000140750	998.367182	-0.20580963	0.09091306	0.01949763	0.0714584	ARHGAP17
91807	ENSG00000140795	16.8469977	0.08737793	0.34467213	0.60288537	0.79296792	MYLK3
94160	ENSG00000140798	0	NA	NA	NA	NA	ABCC12
85407	ENSG00000140807	389.298962	-1.48151375	0.21402062	3.10E-13	7.30E-12	NKD1
9785	ENSG00000140829	2339.47513	0.04150888	0.07644991	0.58077143	0.77801412	DHX38
54957	ENSG00000140830	410.257167	-0.25561035	0.13160061	0.03793401	0.12066663	TXNL4B
91862	ENSG00000140832	1.51835697	0.07660256	0.39245408	0.18001508	NA	MARVELD3
10164	ENSG00000140835	0.44946387	-0.00197002	0.38312958	0.95034056	NA	CHST4
463	ENSG00000140836	3080.93298	0.01873987	0.07771556	0.80625791	0.9122093	ZFHX3
497190	ENSG00000140839	3.18473798	-0.03917056	0.37109716	0.71032784	0.86089825	CLEC18B
221184	ENSG00000140848	603.431673	0.05901324	0.10112267	0.54708119	0.75418804	CPNE2
84166	ENSG00000140853	44.5700766	0.28914116	0.3553337	0.18377164	0.38218336	NLRC5
10300	ENSG00000140854	792.248703	-0.12028505	0.08768085	0.15896819	0.34635723	KATNB1

3801	ENSG00000140859	575.849799	-0.38831529	0.10547704	0.00012431	0.00092267	KIFC3
170692	ENSG00000140873	0	NA	NA	NA	NA	ADAMTS18
283927	ENSG00000140876	66.5673918	-0.22914955	0.2639857	0.25113804	0.47110579	NUDT7
2653	ENSG00000140905	810.792539	-0.08189217	0.09276899	0.36220539	0.59197696	GCSH
123920	ENSG00000140931	768.332783	0.75668821	0.10456298	9.56E-14	2.35E-12	CMTM3
146225	ENSG00000140932	1.64458291	0.03297455	0.37882525	0.66717033	NA	CMTM2
1009	ENSG00000140937	416.899778	1.47424398	0.16535648	3.54E-20	1.34E-18	CDH11
8996	ENSG00000140939	517.552771	0.17702576	0.10669988	0.08372215	0.21858763	NOL3
81631	ENSG00000140941	846.988161	-0.31164607	0.09228124	0.00048524	0.00314507	MAP1LC3B
8720	ENSG00000140943	3038.56862	0.10892618	0.06248084	0.07726078	0.20602875	MBTPS1
1012	ENSG00000140945	0	NA	NA	NA	NA	CDH13
23174	ENSG00000140948	3059.94084	0.25501439	0.06269352	3.73E-05	0.00031548	ZCCHC14
57707	ENSG00000140950	267.785441	-0.23334377	0.15789193	0.104043	0.25677486	MEAK7
161931	ENSG00000140955	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ADAD2
29948	ENSG00000140961	30.3997066	1.24523183	0.70413968	0.00368035	0.01800358	OSGIN1
3394	ENSG00000140968	0	NA	NA	NA	NA	IRF8
89941	ENSG00000140983	3729.26735	0.27089449	0.06076694	6.18E-06	6.11E-05	RHOT2
6123	ENSG00000140986	2.08236117	-0.05495263	0.38030324	0.52611089	NA	RPL3L
54925	ENSG00000140987	318.221877	0.0339583	0.1393832	0.7942466	0.90579008	ZSCAN32
6187	ENSG00000140988	50884.6115	-0.17292826	0.0510998	0.00058288	0.0036888	RPS2
4716	ENSG00000140990	1175.28154	0.07348478	0.08718586	0.3873973	0.61635625	NDUFB10
5170	ENSG00000140992	1652.71276	-0.22412682	0.0788448	0.00359977	0.01768467	PDPK1
91151	ENSG00000140993	110.563833	-0.40878846	0.23762571	0.03584206	0.11549476	TIGD7
54849	ENSG00000140995	1053.63933	-0.34894736	0.11235549	0.00111478	0.00648789	DEF8
22980	ENSG00000141002	1285.66023	-0.07811244	0.126161	0.51016956	0.72557448	TCF25
2588	ENSG00000141012	348.584777	0.35037297	0.13644357	0.00592959	0.02690828	GALNS
2622	ENSG00000141013	602.487458	0.25758313	0.1174015	0.02083057	0.07532259	GAS8
55090	ENSG00000141026	309.222269	0.03750488	0.1318744	0.76341538	0.89095066	MED9
9611	ENSG00000141027	3230.49336	-0.08089447	0.10375714	0.41520595	0.64226462	NCOR1
NA	ENSG00000141028	2.05226808	-0.11285233	0.39986263	0.18982868	NA	CDRT15P1
8533	ENSG00000141030	988.492684	-0.360739	0.08891053	2.91E-05	0.00025116	COPS3
79018	ENSG00000141034	351.116822	0.03551854	0.1292423	0.77134879	0.89515442	GID4
57336	ENSG00000141040	241.749368	0.0084805	0.18726468	0.96001511	0.98361391	ZNF287
93649	ENSG00000141052	0	NA	NA	NA	NA	MYOCD
8844	ENSG00000141068	741.319048	0.31360049	0.09648883	0.00076124	0.00465713	KSR1
84916	ENSG00000141076	1228.46498	-0.01593897	0.08323101	0.8445867	0.92965052	UTP4
57610	ENSG00000141084	806.136712	0.24962937	0.1016987	0.01073837	0.04395239	RANBP10
1506	ENSG00000141086	39.9164406	0.30067076	0.368673	0.16768316	0.35871254	CTRL

64180	ENSG00000141096	0	NA	NA	NA	NA	DPEP3
81577	ENSG00000141098	900.07567	0.03330862	0.09312393	0.71307557	0.86187687	GFOD2
28987	ENSG00000141101	773.805802	-0.76153944	0.10320719	3.29E-14	8.42E-13	NOB1
5636	ENSG00000141127	691.977635	-0.38175726	0.09837053	5.71E-05	0.00045935	PRPSAP2
146862	ENSG00000141161	0	NA	NA	NA	NA	UNC45B
58488	ENSG00000141179	454.947399	0.69111114	0.12489232	7.49E-09	1.14E-07	PCTP
26689	ENSG00000141194	0.50778071	0.01499268	0.38310604	0.74337842	NA	OR4D1
10040	ENSG00000141198	1210.41922	0.45487813	0.07760478	2.12E-09	3.49E-08	TOM1L1
84643	ENSG00000141200	0	NA	NA	NA	NA	KIF2B
55028	ENSG00000141219	1021.0432	-0.18350223	0.0816809	0.02163361	0.07750287	C17orf80
10140	ENSG00000141232	529.298508	0.35848835	0.10899634	0.00058606	0.00370654	TOB1
55275	ENSG00000141252	1767.51354	0.09605362	0.08328275	0.23759253	0.45482784	VPS53
84690	ENSG00000141255	0	NA	NA	NA	NA	SPATA22
9905	ENSG00000141258	2722.01413	0.14172342	0.06595915	0.02908096	0.09795693	SGSM2
9520	ENSG00000141279	2901.75666	0.05254682	0.10013932	0.58781966	0.78276005	NPEPPS
8631	ENSG00000141293	0	NA	NA	NA	NA	SKAP1
90506	ENSG00000141294	26.9936992	0.01433325	0.28995344	0.94190472	0.97594973	LRRC46
90507	ENSG00000141295	842.073981	0.2906864	0.10231596	0.00313027	0.01570675	SCRN2
85464	ENSG00000141298	2507.13078	-0.14347536	0.06975963	0.03628037	0.11654835	SSH2
162494	ENSG00000141314	154.22144	0.20843985	0.2153822	0.24625854	0.46553305	RHBDL3
124912	ENSG00000141316	0.173124	-0.01911262	0.38486262	0.84537521	NA	SPACA3
22901	ENSG00000141337	22.2321592	2.36037937	0.64407497	1.25E-05	0.00011694	ARSG
10351	ENSG00000141338	0.18922458	0.01954053	0.38488496	0.78225479	NA	ABCA8
92579	ENSG00000141349	1176.14453	-0.08500259	0.08457619	0.30305374	0.53032436	G6PC3
1213	ENSG00000141367	9781.6921	0.0363381	0.07214194	0.60869389	0.79754899	CLTC
124773	ENSG00000141371	0.3245007	0.0013895	0.38336851	0.96700238	NA	C17orf64
54828	ENSG00000141376	445.577494	0.39987928	0.153911	0.00461863	0.02175536	BCAS3
51651	ENSG00000141378	943.855547	-0.02522806	0.08950342	0.76655412	0.8924999	PTRH2
6760	ENSG00000141380	2088.56058	0.15275949	0.06383057	0.0151884	0.05822953	SS18
6875	ENSG00000141384	232.683527	0.06384873	0.1435983	0.63252776	0.81415276	TAF4B
10939	ENSG00000141385	1144.09488	-0.34567687	0.08868049	5.91E-05	0.00047457	AFG3L2
10650	ENSG00000141391	235.812954	-0.01472278	0.14622269	0.91224669	0.96260718	PRELID3A
3613	ENSG00000141401	0.55789229	-0.03299273	0.38624378	0.47434443	NA	IMPA2
2774	ENSG00000141404	32.8859578	0.57310532	0.4517833	0.03459306	0.11230997	GNAL
25800	ENSG00000141424	3389.35537	0.32453684	0.06906077	1.72E-06	1.86E-05	SLC39A6
55197	ENSG00000141425	3242.07957	0.12640254	0.06529743	0.04967364	0.14831075	RPRD1A
83608	ENSG00000141428	266.178443	-0.00848173	0.1441507	0.94878416	0.9789317	C18orf21
2589	ENSG00000141429	1236.02948	0.07906341	0.08644739	0.34845998	0.57911259	GALNT1

80816	ENSG00000141431	395.895265	-0.03801325	0.15017286	0.78185628	0.90044863	ASXL3
116	ENSG00000141433	0	NA	NA	NA	NA	ADCYAP1
4225	ENSG00000141434	0.173733	0.01914545	0.38484597	0.78225479	NA	MEP1B
147407	ENSG00000141437	0.8241027	-0.05695426	0.38962115	0.26311886	NA	SLC25A52
64762	ENSG00000141441	734.986777	-0.16289043	0.28434097	0.41209682	0.63994998	GAREM1
114799	ENSG00000141446	506.403036	-0.40180355	0.11228538	0.00017482	0.00125893	ESCO1
114876	ENSG00000141447	672.717855	0.1436695	0.11737002	0.19811887	0.40237519	OSBPL1A
2627	ENSG00000141448	0	NA	NA	NA	NA	GATA6
80000	ENSG00000141449	1.4925153	-0.08233195	0.39311264	0.19374394	NA	GREB1L
29919	ENSG00000141452	374.006048	0.40244581	0.1688796	0.00826064	0.03548193	RMC1
27043	ENSG00000141456	1592.42347	0.35306021	0.07505598	1.55E-06	1.70E-05	PELP1
4864	ENSG00000141458	658.545077	0.08042835	0.09590269	0.38679351	0.6158895	NPC1
6563	ENSG00000141469	0	NA	NA	NA	NA	SLC14A1
409	ENSG00000141480	1088.78776	-0.38093182	0.08827859	8.87E-06	8.49E-05	ARRB2
284111	ENSG00000141485	0.16735865	0.01897177	0.38482933	0.78225479	NA	SLC13A5
84225	ENSG00000141497	0	NA	NA	NA	NA	ZMYND15
55135	ENSG00000141499	492.393554	-0.06257163	0.11523273	0.56822145	0.76919502	WRAP53
50488	ENSG00000141503	1743.35092	0.05781664	0.08224444	0.47218673	0.69445401	MINK1
112483	ENSG00000141504	534.033131	0.02600403	0.10675822	0.80072387	0.90877553	SAT2
432	ENSG00000141505	82.4651119	-0.07560883	0.2294714	0.68078949	0.84396798	ASGR1
23533	ENSG00000141506	0	NA	NA	NA	NA	PIK3R5
7157	ENSG00000141510	2168.36823	0.44626007	0.09387993	9.34E-07	1.06E-05	TP53
55036	ENSG00000141519	507.193466	0.51573741	0.11964993	6.09E-06	6.03E-05	CCDC40
396	ENSG00000141522	10016.9989	-0.1020551	0.05401459	0.05618664	0.16287885	ARHGDI1A
11322	ENSG00000141524	280.948285	-0.1552776	0.18114863	0.33000404	0.55861736	TMC6
9123	ENSG00000141526	58.2130859	0.02960338	0.2490949	0.8777046	0.94578953	SLC16A3
79092	ENSG00000141527	23.1270478	0.344379	0.40025254	0.12920509	0.30069547	CARD14
94015	ENSG00000141540	599.832879	0.30686275	0.10923601	0.00329883	0.01639909	TTYH2
10966	ENSG00000141542	319.232189	-0.01102486	0.15420399	0.93593963	0.97325384	RAB40B
9775	ENSG00000141543	1526.57883	-0.12993799	0.07559164	0.07919361	0.2099675	EIF4A3
1453	ENSG00000141551	4159.54363	0.22580526	0.06438153	0.00036867	0.00246278	CSNK1D
51529	ENSG00000141552	2221.05456	0.06893787	0.0715343	0.32703856	0.55537491	ANAPC11
6904	ENSG00000141556	3338.92473	0.02806011	0.08445874	0.73444545	0.87363737	TBCD
79672	ENSG00000141560	880.430328	-0.04957309	0.09653991	0.59491341	0.78787011	FN3KRP
26502	ENSG00000141562	2344.29747	0.14205004	0.06933031	0.03966211	0.12459508	NARF
57521	ENSG00000141564	1468.75162	0.09940682	0.08377263	0.22408432	0.43775431	RPTOR
3607	ENSG00000141568	3620.70636	-0.19790956	0.06427845	0.0017645	0.00961747	FOXK2
201292	ENSG00000141569	804.789348	-1.64E-05	0.10275382	0.99879963	0.99957022	TRIM65

57332	ENSG00000141570	738.951347	0.13007892	0.12270921	0.26293033	0.48497991	CBX8
6398	ENSG00000141574	6.87698546	0.12430072	0.38112291	0.37224357	0.60116503	SECTM1
114804	ENSG00000141576	1981.54583	-0.1697872	0.09514262	0.06447294	0.18082317	RNF157
22994	ENSG00000141577	1374.51016	0.0933453	0.07694621	0.21595305	0.42670138	CEP131
79755	ENSG00000141579	10.0609654	-0.13649305	0.3741684	0.38479408	0.61378186	ZNF750
56270	ENSG00000141580	2529.04748	0.15178493	0.0637599	0.01573341	0.05995981	WDR45B
8535	ENSG00000141582	546.451717	0.18873117	0.10839829	0.06900019	0.18944974	CBX4
494470	ENSG00000141622	2196.28797	0.20629381	0.07240734	0.00368107	0.01800358	RNF165
54808	ENSG00000141627	1285.45961	-0.23978215	0.09897762	0.01188286	0.04786922	DYM
5596	ENSG00000141639	314.603359	-0.12874917	0.14349075	0.33207585	0.56128684	MAPK4
55520	ENSG00000141642	192.432501	-0.50214772	0.19965992	0.00410477	0.01971879	ELAC1
4152	ENSG00000141644	1742.9236	0.1017485	0.08092343	0.19848137	0.40276877	MBD1
4089	ENSG00000141646	1728.69127	-0.35509373	0.07529958	1.44E-06	1.59E-05	SMAD4
8792	ENSG00000141655	96.9709183	1.44814894	0.4596553	8.68E-05	0.00067039	TNFRSF11A
54877	ENSG00000141664	376.294318	0.23100714	0.12464346	0.04958665	0.14807331	ZCCHC2
201456	ENSG00000141665	38.2408614	0.43688815	0.40262622	0.07463628	0.2007026	FBXO15
147381	ENSG00000141668	1120.54188	-1.01218549	0.09487584	1.88E-27	9.79E-26	CBLN2
5366	ENSG00000141682	600.822066	0.64226412	0.13729253	7.28E-07	8.44E-06	PMAIP1
10609	ENSG00000141696	1010.19927	0.06643474	0.09485328	0.47028837	0.69253479	P3H4
115024	ENSG00000141698	1462.11295	-0.20041601	0.07523153	0.00649726	0.02903278	NT5C3B
162427	ENSG00000141699	799.308747	0.09753315	0.09842864	0.30636923	0.53408008	RETREG3
2064	ENSG00000141736	211.742003	0.07403267	0.15450736	0.60174121	0.79216856	ERBB2
2886	ENSG00000141738	0	NA	NA	NA	NA	GRB7
84299	ENSG00000141741	380.336667	-0.05986425	0.12298621	0.60624377	0.79607018	MIEN1
5409	ENSG00000141744	93.7842189	0.0246994	0.21548608	0.89147614	0.95288397	PNMT
390790	ENSG00000141748	7.09632263	0.03931015	0.38621094	0.34100063	0.57126172	ARL5C
342667	ENSG00000141750	123.45179	-0.29985112	0.20674486	0.08829274	0.2271726	STAC2
3487	ENSG00000141753	2966.97999	0.50606754	0.06332922	5.43E-16	1.58E-14	IGFBP4
60681	ENSG00000141756	3419.8021	0.29216412	0.05773125	2.98E-07	3.69E-06	FKBP10
10907	ENSG00000141759	1883.39339	-0.01698539	0.08070882	0.82878591	0.92238028	TXNL4A
773	ENSG00000141837	0.41052975	0.01218565	0.38382487	0.86311641	NA	CACNA1A
113230	ENSG00000141854	70.2391152	-0.07911868	0.23188186	0.66851784	0.83701843	MISP3
90378	ENSG00000141858	1437.6605	-0.14368539	0.11153872	0.17680761	0.37159566	SAMD1
23476	ENSG00000141867	1859.84562	-0.0564888	0.10031462	0.55816571	0.76291851	BRD4
29985	ENSG00000141873	670.953416	-0.66671467	0.09875359	3.74E-12	8.20E-11	SLC39A3
4782	ENSG00000141905	2066.15497	-0.10190894	0.0852788	0.21968693	0.43175718	NFIC
91978	ENSG00000141933	495.20601	-0.10937763	0.10813789	0.29088264	0.51693941	TPGS1
8612	ENSG00000141934	841.204718	-0.49290749	0.09095233	2.42E-08	3.46E-07	PLPP2

114026	ENSG00000141946	0	NA	NA	NA	NA	ZIM3
63977	ENSG00000141956	461.714165	0.1752311	0.15129606	0.20682437	0.41402436	PRDM15
5211	ENSG00000141959	1607.45944	0.24239017	0.07954666	0.00181295	0.00983566	PFKL
55527	ENSG00000141965	768.462046	0.03948339	0.09259297	0.66209784	0.83297534	FEM1A
7409	ENSG00000141968	0	NA	NA	NA	NA	VAV1
93343	ENSG00000141971	823.307142	0.02484585	0.09972256	0.79761669	0.90722439	MVB12A
117286	ENSG00000141977	0.173124	-0.01911262	0.38486262	0.84537521	NA	CIB3
NA	ENSG00000141979	0.71952772	0.02578377	0.38343699	0.56827864	NA	
6455	ENSG00000141985	2403.77647	0.0738113	0.07687142	0.32785355	0.55637794	SH3GL1
56931	ENSG00000141994	743.342841	0.23383897	0.12179328	0.04228862	0.13108695	DUS3L
91039	ENSG00000142002	1176.64306	0.26744934	0.11242576	0.01256431	0.05005538	DPP9
63946	ENSG00000142025	0	NA	NA	NA	NA	DMRTC2
90324	ENSG00000142039	810.116692	0.04007282	0.0907217	0.6500905	0.82529572	CCDC97
641649	ENSG00000142046	72.8506335	0.88138345	0.29618433	0.00038518	0.0025584	TMEM91
57677	ENSG00000142065	387.169379	-0.25941589	0.12707034	0.02988787	0.10005012	ZFP14
23410	ENSG00000142082	315.389372	-0.05259906	0.14420777	0.69294079	0.85163509	SIRT3
10410	ENSG00000142089	9.5869203	0.09121288	0.3571328	0.55855909	0.76326279	IFITM3
80162	ENSG00000142102	96.5455013	0.66734369	0.31200352	0.00597615	0.02707622	PGGHG
30811	ENSG00000142149	639.314911	-0.29599418	0.0980041	0.00173882	0.00951147	HUNK
1291	ENSG00000142156	1958.52587	-0.07546631	0.09053026	0.39005315	0.61929053	COL6A1
8389	ENSG00000142163	0	NA	NA	NA	NA	OR1E3
3454	ENSG00000142166	551.732662	-0.06505299	0.11552425	0.55407379	0.76002561	IFNAR1
6647	ENSG00000142168	2340.22796	0.19964897	0.07185791	0.00460803	0.0217106	SOD1
1292	ENSG00000142173	1702.64173	0.44143995	0.08434331	7.89E-08	1.05E-06	COL6A2
150094	ENSG00000142178	1.57407922	-0.0688141	0.38651449	0.3618503	NA	SIK1
29947	ENSG00000142182	0	NA	NA	NA	NA	DNMT3L
7226	ENSG00000142185	3.09057399	-0.00825692	0.37207899	0.92677428	0.96932899	TRPM2
57410	ENSG00000142186	974.240649	0.07695341	0.08470932	0.35197482	0.58206363	SCYL1
757	ENSG00000142188	407.914319	0.63133817	0.15914714	1.92E-05	0.00017267	TMEM50B
351	ENSG00000142192	14619.86	-0.37819781	0.05335401	7.72E-13	1.77E-11	APP
9980	ENSG00000142197	394.94251	-0.02009522	0.1178952	0.85702668	0.93609679	DOP1B
9875	ENSG00000142207	2344.42791	-0.17993545	0.06521335	0.00505926	0.02345774	URB1
207	ENSG00000142208	3894.34496	-0.10577136	0.05876231	0.06823389	0.18799616	AKT1
29949	ENSG00000142224	0	NA	NA	NA	NA	IL19
2014	ENSG00000142227	9.24958289	0.41873652	0.5996117	0.05745822	0.16569347	EMP3
10055	ENSG00000142230	2760.16524	-0.2846417	0.07261055	6.28E-05	0.0005026	SAE1
126147	ENSG00000142233	7.47337169	0.9933058	1.68018652	0.01331449	0.05245423	NTN5
114783	ENSG00000142235	367.86484	-0.36606706	0.13532613	0.00377321	0.01836688	LMTK3

79760	ENSG00000142252	234.636022	0.08787312	0.14505752	0.51292017	0.72818148	GEMIN7
23624	ENSG00000142273	0	NA	NA	NA	NA	CBLC
126374	ENSG00000142279	20.9497	-0.14394703	0.38151398	0.32889473	0.5575249	WTIP
81794	ENSG00000142303	664.67577	0.05948079	0.09701566	0.52686962	0.73878671	ADAMTS10
6531	ENSG00000142319	0.68509521	-0.0057442	0.38217916	0.84869912	NA	SLC6A3
57140	ENSG00000142327	656.880674	0.34562587	0.13103378	0.00485162	0.02265384	RNPEPL1
11132	ENSG00000142330	903.009396	0.32926403	0.08560812	7.76E-05	0.00060795	CAPN10
4542	ENSG00000142347	14.6281857	1.68264561	1.42457764	0.00359147	0.01765651	MYO1F
NA	ENSG00000142396	1145.28188	-0.02551282	0.07989526	0.74470564	0.87982849	ERVK3-1
91662	ENSG00000142405	0	NA	NA	NA	NA	NLRP12
59283	ENSG00000142408	731.131873	-0.35779175	0.10059148	0.00021994	0.00154849	CACNG8
126208	ENSG00000142409	808.220389	-0.15057497	0.10962845	0.15083779	0.33448325	ZNF787
90580	ENSG00000142444	274.560192	-0.02607874	0.14749262	0.84712521	0.93052693	TIMM29
84467	ENSG00000142449	7.57004741	-0.0582363	0.37242857	0.58157324	0.77868762	FBN3
10498	ENSG00000142453	1785.28278	0.22560988	0.07768472	0.00297829	0.01503914	CARM1
115704	ENSG00000142459	489.200381	-0.10831082	0.11087473	0.30668251	0.53422766	EVI5L
9032	ENSG00000142484	0.35689629	0.02381861	0.3853813	0.61390838	NA	TM4SF5
55244	ENSG00000142494	131.526964	0.54593847	0.20793026	0.00264349	0.0136049	SLC47A1
5694	ENSG00000142507	1165.37026	0.23608283	0.08590366	0.00473822	0.02221322	PSMB6
2854	ENSG00000142511	0	NA	NA	NA	NA	GPR32
89790	ENSG00000142512	12.8922647	0.20602755	0.39281975	0.25071541	0.47063996	SIGLEC10
93650	ENSG00000142513	0.18922458	0.01954053	0.38488496	0.78225479	NA	ACP4
354	ENSG00000142515	0	NA	NA	NA	NA	KLK3
25888	ENSG00000142528	649.908893	-0.18476572	0.13005253	0.12979013	0.30146269	ZNF473
112703	ENSG00000142530	13.6638871	0.02752636	0.3309756	0.8734897	0.94441388	FAM71E1
6205	ENSG00000142534	26507.6506	0.19133998	0.04782441	6.00E-05	0.0004809	RPS11
113091	ENSG00000142538	0	NA	NA	NA	NA	PTH2
NA	ENSG00000142539	0.173124	-0.01911262	0.38486262	0.84537521	NA	
23521	ENSG00000142541	48529.7486	-0.00168968	0.05504	0.99048381	0.99676382	RPL13A
90353	ENSG00000142544	248.736692	-0.04063574	0.14426729	0.76019273	0.88889389	CTU1
51070	ENSG00000142546	991.712263	0.18755602	0.0879486	0.02828562	0.09583107	NOSIP
402665	ENSG00000142549	1799.80022	-0.21357697	0.06745107	0.00127427	0.00728575	IGLON5
57333	ENSG00000142552	225.246899	0.2804304	0.15860033	0.05195814	0.15344589	RCN3
80110	ENSG00000142556	253.140166	-0.5049103	0.16688429	0.00089491	0.00538032	ZNF614
6518	ENSG00000142583	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SLC2A5
473	ENSG00000142599	3555.69845	-0.18185706	0.07360132	0.0119294	0.04800797	RERE
79258	ENSG00000142606	25.984368	-1.33719976	0.63905709	0.00166069	0.00915735	MMEL1
85452	ENSG00000142609	7.51919866	-0.09090965	0.38723333	0.30753485	0.53498391	CFAP74

63976	ENSG00000142611	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PRDM16
63036	ENSG00000142615	0.37844916	0.02407552	0.3854191	0.60038877	NA	CELA2A
51702	ENSG00000142619	0.18922458	0.01954053	0.38488496	0.78225479	NA	PADI3
114827	ENSG00000142621	56.9081009	-0.02403759	0.2398634	0.89658678	0.95469109	FHAD1
29943	ENSG00000142623	0.173733	0.01914545	0.38484597	0.78225479	NA	PADI1
1969	ENSG00000142627	684.824784	-0.38238544	0.12741302	0.0014293	0.00804233	EPHA2
128272	ENSG00000142632	152.757694	0.14560222	0.20673934	0.40301132	0.63099498	ARHGEF19
79180	ENSG00000142634	488.814737	-0.07449113	0.12168507	0.51759386	0.73141449	EFHD2
5195	ENSG00000142655	470.123124	0.1917893	0.12683941	0.108484	0.26431568	PEX14
5226	ENSG00000142657	3512.40759	-0.45087532	0.07243694	2.23E-10	4.12E-09	PGD
127294	ENSG00000142661	1.13933553	0.02148567	0.38071517	0.70032822	NA	MYOM3
83442	ENSG00000142669	703.857581	0.04464288	0.10053009	0.64617948	0.82370422	SH3BGRL3
10256	ENSG00000142675	41.9532046	0.64483897	0.39237846	0.01678441	0.06328444	CNKSR1
6135	ENSG00000142676	13611.7097	-0.12928958	0.05032107	0.00939764	0.03942678	RPL11
58985	ENSG00000142677	0.173733	0.01914545	0.38484597	0.78225479	NA	IL22RA1
51042	ENSG00000142684	284.412618	-0.42778331	0.15107676	0.00211603	0.01122516	ZNF593
127703	ENSG00000142686	632.195932	-0.56717923	0.11844422	5.38E-07	6.38E-06	C1orf216
79932	ENSG00000142687	1947.26409	0.23825247	0.08976537	0.00627659	0.0281482	KIAA0319L
55194	ENSG00000142694	89.9961264	0.02698849	0.21124658	0.87849003	0.9462643	EVA1B
84970	ENSG00000142698	0.173124	-0.01911262	0.38486262	0.84537521	NA	C1orf94
63950	ENSG00000142700	6.19049428	-0.03207846	0.36250371	0.79685999	0.90662359	DMRTA2
10733	ENSG00000142731	824.464748	0.11603515	0.12317893	0.31975629	0.54736538	PLK4
9064	ENSG00000142733	150.293561	1.00715207	0.20530215	1.16E-07	1.52E-06	MAP3K6
8547	ENSG00000142748	0.34624801	-0.02356563	0.38536324	0.65270996	NA	FCN3
54707	ENSG00000142751	838.618687	-0.22048609	0.08843067	0.01013921	0.04185642	GPN2
84958	ENSG00000142765	44.2956294	0.82952912	0.37443564	0.00338892	0.01678388	SYTL1
23038	ENSG00000142784	1503.79206	0.35046828	0.07320791	1.04E-06	1.17E-05	WDTC1
10136	ENSG00000142789	0	NA	NA	NA	NA	CELA3A
84224	ENSG00000142794	505.554191	-0.29767342	0.11396116	0.0060501	0.02733735	NBPF3
3339	ENSG00000142798	840.599413	0.42704547	0.11513501	9.84E-05	0.00075114	HSPG2
23421	ENSG00000142856	490.017591	-0.0103429	0.10734379	0.91875186	0.96558446	ITGB3BP
26135	ENSG00000142864	9248.26989	-0.24179693	0.04881695	5.79E-07	6.84E-06	SERBP1
8915	ENSG00000142867	159.390237	0.04157673	0.18422212	0.79835498	0.90769144	BCL10
3491	ENSG00000142871	226.363812	2.36294304	0.17424062	4.90E-43	4.04E-41	CCN1
5567	ENSG00000142875	1131.74708	-0.53348953	0.09013592	1.18E-09	2.01E-08	PRKACB
10026	ENSG00000142892	326.014555	-0.57793619	0.14201974	1.43E-05	0.00013246	PIGK
64129	ENSG00000142910	0.40000988	-0.01273014	0.38391013	0.87965238	NA	TINAGL1
113451	ENSG00000142920	151.878134	-0.34133545	0.23403454	0.07340707	0.19825705	AZIN2

6202	ENSG00000142937	18269.0076	-0.05697059	0.04610604	0.21246015	0.42238326	RPS8
11004	ENSG00000142945	1601.48724	-0.20148451	0.08198662	0.01170599	0.04721425	KIF2C
5792	ENSG00000142949	3821.11869	0.01469807	0.05501908	0.78993583	0.9043268	PTPRF
266675	ENSG00000142959	2.79924884	0.06907865	0.38044503	0.48173225	0.70240082	BEST4
148932	ENSG00000142961	177.435522	0.19340714	0.16719859	0.19881303	0.40318637	MOB3C
1580	ENSG00000142973	0	NA	NA	NA	NA	CYP4B1
199964	ENSG00000143001	0.66566499	-0.03804996	0.38684084	0.40282748	NA	TMEM61
63948	ENSG00000143006	0	NA	NA	NA	NA	DMRTB1
8543	ENSG00000143013	179.828985	0.78789045	0.17862432	1.90E-06	2.05E-05	LMO4
284612	ENSG00000143028	0	NA	NA	NA	NA	SYPL2
343472	ENSG00000143032	0	NA	NA	NA	NA	BARHL2
22823	ENSG00000143033	1079.13654	0.19040215	0.09419817	0.03683087	0.11801107	MTF2
126969	ENSG00000143036	178.214761	1.62295769	0.23171707	1.89E-13	4.54E-12	SLC44A3
3321	ENSG00000143061	4855.78473	0.08164216	0.05802904	0.15486281	0.34030142	IGSF3
90874	ENSG00000143067	674.091946	-0.31790977	0.11515931	0.00368932	0.01803301	ZNF697
55917	ENSG00000143079	723.6113	-0.00428337	0.12456082	0.96879256	0.98831985	CTTNBP2NL
85369	ENSG00000143093	1262.38188	-0.25033065	0.08312757	0.00198429	0.01062858	STRIP1
3744	ENSG00000143105	0	NA	NA	NA	NA	KCNA10
5686	ENSG00000143106	774.915913	0.0975052	0.10127727	0.31849106	0.54614197	PSMA5
163479	ENSG00000143107	0.50207596	0.02562368	0.38565771	0.52549886	NA	FNDC7
128346	ENSG00000143110	10.438724	0.6325385	0.9825162	0.02337374	0.08251513	C1orf162
963	ENSG00000143119	0	NA	NA	NA	NA	CD53
84432	ENSG00000143125	0.16735865	0.01897177	0.38482933	0.78225479	NA	PROK1
1952	ENSG00000143126	2718.41471	-0.40999021	0.06558903	2.13E-10	3.96E-09	CELSR2
8515	ENSG00000143127	7.41793499	0.07480052	0.36383096	0.58797476	0.7828366	ITGA10
23432	ENSG00000143147	1905.7714	0.62757356	0.06944545	4.69E-20	1.76E-18	GPR161
223	ENSG00000143149	1095.92857	0.04829422	0.08832952	0.57481767	0.77370302	ALDH9A1
481	ENSG00000143153	5382.6407	-0.21050403	0.05718262	0.00020736	0.00147034	ATP1B1
261726	ENSG00000143155	1719.27315	-0.36294743	0.07442584	6.37E-07	7.46E-06	TIPRL
29922	ENSG00000143156	538.843996	-0.15314118	0.10619205	0.13242852	0.30558086	NME7
57645	ENSG00000143157	3118.4887	-0.06032561	0.05905645	0.30084301	0.52811231	POGK
25874	ENSG00000143158	523.585282	0.03571652	0.1069923	0.72906177	0.87045369	MPC2
8804	ENSG00000143162	374.224038	-0.0921467	0.12776743	0.44334186	0.66838164	CREG1
55827	ENSG00000143164	604.846732	0.01186163	0.1088601	0.910482	0.96166753	DCAF6
10223	ENSG00000143167	0	NA	NA	NA	NA	GPA33
6258	ENSG00000143171	0	NA	NA	NA	NA	RXRG
9095	ENSG00000143178	58.0747115	0.31007375	0.28510295	0.1412967	0.31950382	TBX19
7371	ENSG00000143179	2610.92759	0.04245526	0.07156426	0.54658986	0.75371048	UCK2

54499	ENSG00000143183	2333.98677	-0.17349319	0.06663412	0.00812767	0.03500174	TMCO1
6375	ENSG00000143184	0.30139824	-0.02296476	0.38527817	0.68536535	NA	XCL1
6846	ENSG00000143185	0	NA	NA	NA	NA	XCL2
5451	ENSG00000143190	1588.80113	-0.12078322	0.08987784	0.16599267	0.35622439	POU2F1
84944	ENSG00000143194	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MAEL
387597	ENSG00000143195	0.64639521	0.03389546	0.38619789	0.52618369	NA	ILDR2
1805	ENSG00000143196	156.186749	-0.01305689	0.17938019	0.93319607	0.97202552	DPT
4259	ENSG00000143198	1096.6806	0.10454467	0.08823299	0.22360178	0.43698378	MGST3
55811	ENSG00000143199	3.17560158	0.16355094	0.42387406	0.10301964	0.25491514	ADCY10
64326	ENSG00000143207	828.83205	-0.11559967	0.09484347	0.20779696	0.41513359	COP1
81607	ENSG00000143217	5.16933527	-0.05232195	0.36771097	0.66067125	0.83186632	NECTIN4
51506	ENSG00000143222	1176.88396	-0.06106837	0.07780712	0.41992512	0.64583833	UFC1
5498	ENSG00000143224	574.154682	0.2285629	0.13236069	0.06504594	0.18187757	PPOX
2212	ENSG00000143226	0	NA	NA	NA	NA	FCGR2A
83540	ENSG00000143228	1238.62175	-0.03246947	0.07812281	0.67056343	0.83767652	NUF2
8490	ENSG00000143248	51470.0919	0.17195814	0.08934584	0.03987803	0.12512313	RGS5
6391	ENSG00000143252	1447.56393	0.23414976	0.08313966	0.00385834	0.01869078	SDHC
5202	ENSG00000143256	2012.8498	-0.02119633	0.07315194	0.76653153	0.8924999	PFDN2
9970	ENSG00000143257	10.8461734	-0.06715748	0.35437887	0.65373499	0.82754433	NR1I3
27005	ENSG00000143258	1054.54934	0.31405149	0.08429903	0.00013077	0.0009659	USP21
2165	ENSG00000143278	0.32782306	0.00309619	0.38339363	0.95064653	NA	F13B
5546	ENSG00000143294	2302.26406	-0.12354185	0.06401798	0.05015316	0.14933795	PRCC
83416	ENSG00000143297	0	NA	NA	NA	NA	FCRL5
51093	ENSG00000143303	532.587958	0.08968432	0.12436386	0.44671116	0.67086136	RRNAD1
79590	ENSG00000143314	989.027516	-0.02606869	0.09627865	0.77884972	0.89886014	MRPL24
93183	ENSG00000143315	1152.44505	-0.20680722	0.08677119	0.0141558	0.05504726	PIGM
844	ENSG00000143318	0.50207596	0.02562368	0.38565771	0.52549886	NA	CASQ1
81875	ENSG00000143319	1985.77461	-0.19872135	0.08649144	0.01809887	0.06718084	ISG20L2
1382	ENSG00000143320	6488.42405	0.9865814	0.06228369	2.34E-57	2.85E-55	CRABP2
3068	ENSG00000143321	9042.01103	0.0807512	0.06086453	0.17303443	0.36578929	HDGF
27	ENSG00000143322	1834.27839	-0.02660714	0.06926099	0.69598946	0.8531799	ABL2
9213	ENSG00000143324	2600.42178	0.06284042	0.07628078	0.40114682	0.62949876	XPR1
6004	ENSG00000143333	261.07749	0.3453465	0.150058	0.01238091	0.04949371	RGS16
26092	ENSG00000143337	878.913698	-0.23247733	0.08832083	0.00668709	0.0297404	TOR1AIP1
148753	ENSG00000143340	2021.91447	0.06989033	0.06848709	0.30028851	0.52741891	FAM163A
83872	ENSG00000143341	24.9541458	8.24859988	3.17401811	9.57E-06	9.11E-05	HMCN1
23179	ENSG00000143344	435.124002	0.21046191	0.11260357	0.05017688	0.14934131	RGL1
127018	ENSG00000143353	227.87672	-0.41809673	0.17173817	0.00677756	0.03009552	LYPLAL1

56956	ENSG00000143355	89.8429281	2.24754895	0.27642492	3.05E-17	9.62E-16	LHX9
58497	ENSG00000143363	876.515349	0.02820071	0.09505551	0.7602547	0.88889389	PRUNE1
6097	ENSG00000143365	5.79784067	-0.27716794	0.50122577	0.0618566	0.17549479	RORC
7286	ENSG00000143367	282.839748	-0.20640769	0.15018209	0.13400268	0.30828075	TUFT1
10262	ENSG00000143368	1964.44865	0.15603568	0.0771863	0.0389267	0.12293032	SF3B4
1893	ENSG00000143369	27.7702002	0.14521065	0.30983461	0.46367091	0.68652759	ECM1
57592	ENSG00000143373	1314.39997	0.06784509	0.08348623	0.40492929	0.63328055	ZNF687
80222	ENSG00000143374	937.707642	-0.10449602	0.10109873	0.28299886	0.50802546	TARS2
57530	ENSG00000143375	301.889294	-0.62313522	0.17687498	0.00010995	0.00082852	CGN
81609	ENSG00000143376	1101.44313	-0.15653283	0.1154287	0.15381482	0.33890581	SNX27
9869	ENSG00000143379	2087.14096	-0.02978833	0.06793505	0.65535567	0.82851001	SETDB1
54507	ENSG00000143382	42.1663919	0.29893126	0.30359819	0.16390471	0.35319533	ADAMTSL4
4170	ENSG00000143384	6147.84541	0.12316545	0.049938	0.01287107	0.05105345	MCL1
574406	ENSG00000143384	6147.84541	0.12316545	0.049938	0.01287107	0.05105345	MCL1
1513	ENSG00000143387	283.41284	0.2960372	0.1367883	0.02024408	0.07360136	CTSK
5993	ENSG00000143390	1830.38896	0.1294384	0.07673893	0.0852602	0.22149194	RFX5
5298	ENSG00000143393	1410.55897	0.00266979	0.07965442	0.9733691	0.99018833	PI4KB
8394	ENSG00000143398	1825.84779	-0.3610312	0.08615523	1.56E-05	0.00014338	PIP5K1A
81611	ENSG00000143401	3691.55923	-0.31687127	0.08429679	0.00011203	0.00084127	ANP32E
55793	ENSG00000143409	505.549588	-0.17822834	0.13068684	0.14560957	0.32613386	MINDY1
8416	ENSG00000143412	29.1014017	0.05192114	0.29138266	0.78853655	0.90410108	ANXA9
8991	ENSG00000143416	8.58480815	2.06853959	1.10496608	0.00236576	0.0123713	SELENBP1
29956	ENSG00000143418	3712.9618	-0.02597303	0.05730885	0.64686859	0.82421635	CERS2
2029	ENSG00000143420	2913.78902	-0.41690963	0.07195403	3.51E-09	5.61E-08	ENSA
645166	ENSG00000143429	75.5426187	0.08617336	0.246082	0.65199428	0.82607871	LSP1P4
10500	ENSG00000143434	717.936864	0.42227673	0.14087734	0.00127661	0.00729491	SEMA6C
65005	ENSG00000143436	1229.02802	-0.0547598	0.08168094	0.49205662	0.71113078	MRPL9
405	ENSG00000143437	1280.5412	-0.12756473	0.08660762	0.12980585	0.30146269	ARNT
23126	ENSG00000143442	4061.05271	-0.10916255	0.0868947	0.1964393	0.40005705	POGZ
54964	ENSG00000143443	178.190901	-0.08637404	0.16531508	0.5616252	0.76502898	C1orf56
51686	ENSG00000143450	53.4580843	-0.11881548	0.30771132	0.53737443	0.74759591	OAZ3
84072	ENSG00000143452	0	NA	NA	NA	NA	HORMAD1
55204	ENSG00000143457	555.200811	-0.14364628	0.11429494	0.18684835	0.38675756	GOLPH3L
126626	ENSG00000143458	202.004747	-0.12661255	0.18931107	0.4401926	0.66517856	GABPB2
255928	ENSG00000143469	983.031044	-1.64498555	0.09017979	2.02E-75	3.67E-73	SYT14
3756	ENSG00000143473	2696.02239	-0.77295357	0.06355991	1.03E-34	6.90E-33	KCNH1
51514	ENSG00000143476	1677.87408	-0.42346563	0.08640902	4.63E-07	5.56E-06	DTL
8444	ENSG00000143479	486.449785	-0.12574979	0.11340616	0.24476128	0.46347387	DYRK3

1939	ENSG00000143486	720.208235	0.15963556	0.09969276	0.0969814	0.24355834	EIF2D
25896	ENSG00000143493	955.270352	-0.33431295	0.08439202	4.70E-05	0.00038746	INTS7
79805	ENSG00000143494	667.72615	-0.27355859	0.12080883	0.01654987	0.0625666	VASH2
9015	ENSG00000143498	434.637067	0.20453031	0.12914503	0.09201807	0.23438676	TAF1A
56950	ENSG00000143499	1176.09973	-0.63740041	0.07839301	1.19E-16	3.59E-15	SMYD2
55061	ENSG00000143502	10.3879538	-0.16492361	0.38883044	0.29323138	0.5194341	SUSD4
11221	ENSG00000143507	49.9381495	0.48145164	0.34219035	0.04440185	0.13577876	DUSP10
79802	ENSG00000143512	3.53460626	0.09307175	0.38311702	0.40294866	0.63099498	HHIPL2
7159	ENSG00000143514	2311.44378	0.21163427	0.06651136	0.0012298	0.00706407	TP53BP2
57198	ENSG00000143515	2336.14789	0.35945406	0.08487602	1.36E-05	0.00012637	ATP8B2
388698	ENSG00000143520	0	NA	NA	NA	NA	FLG2
49860	ENSG00000143536	0	NA	NA	NA	NA	CRNN
8751	ENSG00000143537	1481.25519	-0.4518985	0.07664028	1.70E-09	2.85E-08	ADAM15
10899	ENSG00000143543	1795.0692	-0.23090295	0.07206155	0.00107434	0.00627831	JTB
5872	ENSG00000143545	1029.59292	-0.00476804	0.08788273	0.94917738	0.97907226	RAB13
6279	ENSG00000143546	0	NA	NA	NA	NA	S100A8
7170	ENSG00000143549	7968.88778	0.04636447	0.0791165	0.5507833	0.75727932	TPM3
91181	ENSG00000143552	1.05937298	0.02341631	0.38189215	0.67321425	NA	NUP210L
23557	ENSG00000143553	786.479623	0.01299976	0.08745391	0.87938543	0.94652699	SNAPIN
11000	ENSG00000143554	323.580502	0.03391061	0.13773489	0.79296096	0.90530242	SLC27A3
6278	ENSG00000143556	0	NA	NA	NA	NA	S100A7
9898	ENSG00000143569	6549.78825	0.11750296	0.07000863	0.08795914	0.22660814	UBAP2L
27173	ENSG00000143570	2638.69066	0.10652704	0.06231216	0.08378385	0.21870922	SLC39A1
10456	ENSG00000143575	1361.1722	0.1895087	0.08026211	0.01564478	0.05964814	HAX1
148327	ENSG00000143578	483.090078	0.49465018	0.1281301	4.45E-05	0.00036924	CREB3L4
1944	ENSG00000143590	289.587296	0.05876698	0.13335304	0.63829141	0.81801574	EFNA3
89872	ENSG00000143595	42.6756677	-0.71882233	0.47166881	0.01517941	0.0582063	AQP10
3782	ENSG00000143603	27.1460338	0.13202401	0.31759666	0.49463913	0.71350347	KCNN3
25912	ENSG00000143612	5222.73332	-0.14982847	0.05501099	0.0060517	0.02733735	C1orf43
57459	ENSG00000143614	1581.77935	-0.15127189	0.08541121	0.06878307	0.1890682	GATAD2B
3608	ENSG00000143621	5600.22396	0.03899084	0.07163826	0.58159135	0.77868762	ILF2
6016	ENSG00000143622	599.482812	0.39423898	0.10904217	0.00015816	0.00114939	RIT1
65123	ENSG00000143624	2600.64918	0.32202129	0.06663699	9.42E-07	1.07E-05	INTS3
5313	ENSG00000143627	1.3203214	0.02918128	0.38055347	0.66485404	NA	PKLR
57657	ENSG00000143630	826.517471	-0.58260055	0.11409094	1.01E-07	1.33E-06	HCN3
2312	ENSG00000143631	1.13319958	-0.05891097	0.38707981	0.31404748	NA	FLG
58	ENSG00000143632	6.08696193	0.12388535	0.37979457	0.38408763	0.613205	ACTA1
128061	ENSG00000143633	344.91883	-0.18918458	0.13282916	0.12765058	0.29808895	C1orf131

2590	ENSG00000143641	3036.43634	0.06315595	0.05908454	0.27943092	0.50394595	GALNT2
79573	ENSG00000143643	664.222096	-0.04400832	0.10457985	0.65974121	0.8312756	TTC13
51097	ENSG00000143653	778.299835	0.17345549	0.09296166	0.05439769	0.15875997	SCCPDH
1130	ENSG00000143669	432.792744	-0.39092699	0.19054608	0.01916017	0.0703568	LYST
84451	ENSG00000143674	386.317175	-0.18445694	0.1224623	0.1107994	0.26850619	MAP3K21
9859	ENSG00000143702	8195.75229	-0.23425907	0.05728799	3.36E-05	0.00028697	CEP170
645455	ENSG00000143702	8195.75229	-0.23425907	0.05728799	3.36E-05	0.00028697	CEP170
52	ENSG00000143727	2215.77006	-0.08118528	0.07106547	0.24485185	0.46353633	ACPI
116841	ENSG00000143740	810.178956	-0.11783465	0.10144526	0.2271208	0.44177223	SNAP47
6726	ENSG00000143742	5422.6254	-0.59491569	0.05620564	1.10E-26	5.57E-25	SRP9
4931	ENSG00000143748	675.260175	-0.19014663	0.10308707	0.05476224	0.15963604	NVL
163859	ENSG00000143751	747.764635	0.11298757	0.09795693	0.23304001	0.44988944	SDE2
8560	ENSG00000143753	988.516592	-0.10488339	0.08700207	0.21506032	0.42553074	DEGS1
23219	ENSG00000143756	1115.4723	0.127476	0.09587872	0.16954863	0.36123762	FBXO28
375	ENSG00000143761	6928.98939	0.10191069	0.05650189	0.06832737	0.18818386	ARF1
7044	ENSG00000143768	2.48345687	0.02305836	0.37301364	0.81113485	NA	LEFTY2
29097	ENSG00000143771	1147.01991	0.26970079	0.09570348	0.00354701	0.01747521	CNIH4
3707	ENSG00000143772	129.065054	2.45204296	0.23074222	1.64E-27	8.61E-26	ITPKB
2987	ENSG00000143774	3058.35953	0.14302544	0.06880331	0.03453833	0.11218738	GUK1
8476	ENSG00000143776	2208.32366	-0.31392912	0.06365324	5.33E-07	6.33E-06	CDC42BPA
149111	ENSG00000143786	61.7528212	0.12390909	0.2483471	0.51994282	0.73349514	CNIH3
79169	ENSG00000143793	813.466581	0.29279302	0.09360466	0.00122787	0.00705909	C1orf35
129642	ENSG00000143797	2123.81289	-0.17683531	0.07096842	0.01112083	0.04526821	MBOAT2
142	ENSG00000143799	11192.4889	0.02560961	0.06785549	0.7007811	0.85575596	PARP1
5664	ENSG00000143801	349.293124	0.01629796	0.14930178	0.90762418	0.95967084	PSEN2
29920	ENSG00000143811	1298.8656	0.05800258	0.08991231	0.50762121	0.72355808	PYCR2
3930	ENSG00000143815	2548.17119	-0.22141117	0.07069168	0.00142449	0.00802213	LBR
7483	ENSG00000143816	0.34109985	0.02362645	0.38535338	0.62411116	NA	WNT9A
2052	ENSG00000143819	147.201229	-0.10626503	0.17458217	0.49343575	0.712409	EPHX1
5972	ENSG00000143839	0	NA	NA	NA	NA	REN
9580	ENSG00000143842	238.286744	0.66328053	0.16022904	8.44E-06	8.13E-05	SOX13
55224	ENSG00000143845	360.665483	-0.2418462	0.15636879	0.08898023	0.22858576	ETNK2
8497	ENSG00000143847	438.053055	0.22774962	0.15527002	0.10795158	0.26343905	PPFIA4
22874	ENSG00000143850	2326.33721	-1.20287478	0.20943598	8.97E-10	1.55E-08	PLEKHA6
5778	ENSG00000143851	2.19864757	-0.04660297	0.38202989	0.50275204	NA	PTPN7
127833	ENSG00000143858	53.2612417	0.74013343	0.3758712	0.00706168	0.0311896	SYT2
127829	ENSG00000143862	1310.26585	-0.09216084	0.08441725	0.26238349	0.4843402	ARL8A
130497	ENSG00000143867	0.37844916	0.02407552	0.3854191	0.60038877	NA	OSR1

151449	ENSG00000143869	77.7719032	-0.07522024	0.22678555	0.68078945	0.84396798	GDF7
10130	ENSG00000143870	8959.62071	0.33772228	0.06241878	4.06E-08	5.65E-07	PDIA6
388	ENSG00000143878	1830.99057	0.69768776	0.07268199	1.97E-22	8.29E-21	RHOB
245973	ENSG00000143882	97.5960881	0.18994008	0.21773152	0.29409804	0.52027686	ATP6V1C2
92906	ENSG00000143889	1450.28812	0.1477011	0.09771745	0.11787689	0.28166658	HNRNPLL
130589	ENSG00000143891	245.362718	0.64716622	0.16294912	1.80E-05	0.00016326	GALM
79823	ENSG00000143919	223.828644	-0.36990531	0.15943193	0.01080249	0.04417638	CAMKMT
64241	ENSG00000143921	2.41982694	-0.04113889	0.37818899	0.62263279	NA	ABCG8
27436	ENSG00000143924	5256.87091	0.20173272	0.06222795	0.00100791	0.00594792	EML4
805	ENSG00000143933	19277.067	-0.31409099	0.06627204	1.43E-06	1.58E-05	CALM2
494143	ENSG00000143942	63.4155464	-0.25303675	0.25230561	0.19857634	0.40288134	CHAC2
6233	ENSG00000143947	8682.01983	-0.20853077	0.05398759	9.42E-05	0.00072173	RPS27A
51057	ENSG00000143951	140.611142	0.17337204	0.19483319	0.30258098	0.52987991	WDPCP
51542	ENSG00000143952	921.505888	0.09857614	0.09144946	0.26723713	0.48970026	VPS54
130120	ENSG00000143954	0	NA	NA	NA	NA	REG3G
55252	ENSG00000143970	1643.12835	-0.03547053	0.22680086	0.84400625	0.92948958	ASXL2
54465	ENSG00000143971	756.402007	-0.01233733	0.09033329	0.88715014	0.95048379	ETAA1
6637	ENSG00000143977	1349.2107	-0.15952888	0.08402766	0.05126003	0.15192695	SNRPG
84696	ENSG00000143994	47.2926964	0.27143394	0.32741876	0.20632821	0.41333377	ABHD1
4211	ENSG00000143995	1853.24071	-0.01769088	0.07746099	0.81450333	0.91592004	MEIS1
653192	ENSG00000144010	0.18922458	0.01954053	0.38488496	0.78225479	NA	TRIM43B
129868	ENSG00000144015	0.16735865	0.01897177	0.38482933	0.78225479	NA	TRIM43
9391	ENSG00000144021	3215.17076	-0.07224358	0.06564319	0.2660857	0.48831193	CIAO1
84874	ENSG00000144026	586.703237	0.07413692	0.12099291	0.51901937	0.73254209	ZNF514
23020	ENSG00000144028	15225.4922	-0.08850637	0.05931861	0.14540096	0.32596101	SNRNP200
64969	ENSG00000144029	847.439368	0.22711499	0.09741285	0.01574706	0.06000031	MRPS5
79998	ENSG00000144031	9.5784895	0.07896009	0.37560613	0.4774515	0.69924247	ANKRD53
51002	ENSG00000144034	518.282628	-0.03144837	0.11282495	0.76954392	0.89405696	TPRKB
9027	ENSG00000144035	0.64813526	-0.02080678	0.38311595	0.66495951	NA	NAT8
23233	ENSG00000144036	452.528659	0.17601481	0.13165164	0.15407222	0.339342	EXOC6B
94097	ENSG00000144040	233.58798	-0.19221936	0.17831313	0.22240031	0.43535977	SFXN5
113419	ENSG00000144043	1422.13705	-0.49377769	0.10007008	3.19E-07	3.94E-06	TEX261
165545	ENSG00000144045	85.889545	0.09426058	0.21884441	0.60255257	0.79259054	DQX1
8446	ENSG00000144048	227.063222	-0.137286	0.16049908	0.34526666	0.57573462	DUSP11
84620	ENSG00000144057	549.83981	0.03088165	0.13168312	0.80383068	0.91089792	ST6GAL2
4867	ENSG00000144061	86.1109387	1.15158874	0.31915514	2.70E-05	0.0002355	NPHP1
7851	ENSG00000144063	0.35662409	0.02381665	0.38538099	0.61404581	NA	MALL
55258	ENSG00000144115	0	NA	NA	NA	NA	THNSL2

5899	ENSG00000144118	516.94811	-0.36200473	0.11608909	0.00102982	0.00605918	RALB
165257	ENSG00000144119	0.30002146	-0.02294464	0.38527539	0.68644526	NA	C1QL2
80775	ENSG00000144120	367.929221	-0.13044527	0.13508808	0.3010902	0.52835924	TMEM177
284958	ENSG00000144130	0.33471731	0.02354391	0.38534154	0.62842204	NA	NT5DC4
11159	ENSG00000144134	197.894643	0.3350541	0.17909927	0.03503878	0.11340607	RABL2A
6574	ENSG00000144136	1738.07064	-0.245648	0.08025265	0.00170395	0.00935593	SLC20A1
129804	ENSG00000144152	321.007945	0.02003744	0.14173282	0.88031091	0.94694038	FBLN7
NA	ENSG00000144158	0.16735865	0.01897177	0.38482933	0.78225479	NA	SNRPA1P1
84524	ENSG00000144161	546.884083	-0.38854148	0.10673739	0.00014293	0.00104908	ZC3H8
51601	ENSG00000144182	90.9637322	-0.0330953	0.23286483	0.85652909	0.93595581	LIPT1
NA	ENSG00000144188	0	NA	NA	NA	NA	TRIM43CP
1261	ENSG00000144191	0.173124	-0.01911262	0.38486262	0.84537521	NA	CNGA3
151313	ENSG00000144199	173.517592	0.3937629	0.1882416	0.0175679	0.06560268	FAHD2B
129530	ENSG00000144214	13.1255416	0.34758128	0.48527479	0.10315981	0.2551347	LYG1
3899	ENSG00000144218	573.467257	-0.84154695	0.14036665	3.22E-10	5.90E-09	AFF3
23190	ENSG00000144224	2043.38731	0.02961507	0.08773752	0.72961666	0.87071245	UBXN4
11249	ENSG00000144227	23.6776015	-0.43111412	0.44044902	0.07881929	0.20925662	NXPH2
339745	ENSG00000144228	501.72865	0.03010124	0.13540701	0.81315116	0.91549876	SPOPL
80731	ENSG00000144229	7.36281147	-3.16336109	1.42683827	0.00122494	0.00704636	THSD7B
2840	ENSG00000144230	0.43109345	0.01211155	0.38375314	0.85851826	NA	GPR17
5433	ENSG00000144231	1732.63084	0.01853487	0.08577654	0.82529018	0.92066374	POLR2D
83607	ENSG00000144233	1069.89543	0.00187058	0.08117501	0.98123163	0.99355086	AMMECR1L
114805	ENSG00000144278	1753.09293	-0.44015699	0.07656007	4.24E-09	6.72E-08	GALNT13
8502	ENSG00000144283	878.551789	-0.24121852	0.09384734	0.00785485	0.03399657	PKP4
6323	ENSG00000144285	17.6961962	-0.2418107	0.40917783	0.1933741	0.3960506	SCN1A
57282	ENSG00000144290	0.18922458	0.01954053	0.38488496	0.78225479	NA	SLC4A10
79634	ENSG00000144306	639.550399	-0.13922256	0.10329906	0.16052235	0.34848051	SCRN3
80856	ENSG00000144320	997.067941	0.13183188	0.22618928	0.47517492	0.69740127	LNPBK
151126	ENSG00000144331	8.97568024	1.22590508	1.79408303	0.01012774	0.04183108	ZNF385B
23671	ENSG00000144339	29.9643349	-0.86924205	0.46323192	0.00617984	0.02776728	TMEFF2
83879	ENSG00000144354	1181.10499	-0.41208785	0.08646969	9.60E-07	1.09E-05	CDCA7
1745	ENSG00000144355	2.24254199	0.12333057	0.40405214	0.16588926	NA	DLX1
130507	ENSG00000144357	1192.58015	-0.22624433	0.09654496	0.01511305	0.05803579	UBR3
493911	ENSG00000144362	85.9962915	-0.12953712	0.23019013	0.48285582	0.7032638	PHOSPHO2
51454	ENSG00000144366	1420.87151	0.52519289	0.07714057	3.75E-12	8.22E-11	GULP1
165215	ENSG00000144369	697.791471	-0.73343236	0.09676552	7.61E-15	2.04E-13	FAM171B
3329	ENSG00000144381	9196.72804	-0.29934575	0.07503146	4.56E-05	0.00037768	HSPD1
284992	ENSG00000144395	272.980885	0.09992833	0.16342376	0.49968976	0.71690947	CCDC150

151194	ENSG00000144401	397.639364	0.16224603	0.11537162	0.13992568	0.31723522	METTL21A
285175	ENSG00000144406	867.168057	-1.7917926	0.11058278	2.91E-60	3.85E-58	UNC80
5746	ENSG00000144407	144.073225	0.43556982	0.19784128	0.01168039	0.04713015	PTH2R
130749	ENSG00000144410	0.173124	-0.01911262	0.38486262	0.84537521	NA	CPO
65065	ENSG00000144426	308.788499	0.10027333	0.17678876	0.52313753	0.73618679	NBEAL1
151050	ENSG00000144445	331.164123	0.04654458	0.13710455	0.71691831	0.8637162	KANSL1L
79582	ENSG00000144451	245.582825	-0.06954996	0.14113308	0.59502281	0.78790447	SPAG16
26154	ENSG00000144452	103.375637	0.99027957	0.31196479	0.00016665	0.00120582	ABCA12
285362	ENSG00000144455	208.163225	-0.42356769	0.1942506	0.01258336	0.05011116	SUMF1
100130207	ENSG00000144455	208.163225	-0.42356769	0.1942506	0.01258336	0.05011116	SUMF1
57624	ENSG00000144460	105.1985	0.01752741	0.19422922	0.91913456	0.96566562	NYAP2
84236	ENSG00000144468	434.604346	0.18776434	0.15509747	0.18496544	0.38378105	RHBDD1
57007	ENSG00000144476	0	NA	NA	NA	NA	ACKR3
79054	ENSG00000144481	1.20624581	0.01767401	0.38002972	0.78258358	NA	TRPM8
55502	ENSG00000144485	2419.48099	1.34023828	0.06621552	4.16E-92	1.15E-89	HES6
339768	ENSG00000144488	25.1759544	-0.37634474	0.40210625	0.10753203	0.26296505	ESPNL
51281	ENSG00000144504	272.701956	0.51750343	0.17138216	0.00086675	0.00522686	ANKMY1
64708	ENSG00000144524	996.70736	0.03351079	0.08296016	0.67987151	0.84376374	COPS7B
129563	ENSG00000144535	922.51443	0.14527523	0.08761663	0.08842087	0.22747277	DIS3L2
151835	ENSG00000144550	13.3983749	-0.01816825	0.33879418	0.9072083	0.95963244	CPNE9
2177	ENSG00000144554	1312.80282	0.09346178	0.09639492	0.31619717	0.54427831	FANCD2
132001	ENSG00000144559	154.58678	0.08508886	0.18762826	0.60429862	0.79446588	TAMM41
9686	ENSG00000144560	2253.23706	0.03786446	0.06643861	0.56305041	0.76597094	VGLL4
5868	ENSG00000144566	852.794687	0.05802815	0.09128695	0.51327278	0.72852568	RAB5A
79137	ENSG00000144567	1731.8415	-0.21581912	0.07407758	0.00292551	0.01481044	RETREG2
58190	ENSG00000144579	879.721018	0.37575937	0.092129	2.56E-05	0.00022476	CTDSP1
9125	ENSG00000144580	1857.7906	-0.17937984	0.07985861	0.02144441	0.07701976	CNOT9
57574	ENSG00000144583	274.623622	-2.47079849	0.17556685	3.33E-46	2.96E-44	MARCHF4
114790	ENSG00000144589	541.382149	0.16364496	0.12242067	0.15775449	0.34477297	STK11IP
29926	ENSG00000144591	505.852045	0.22347555	0.11771633	0.04558008	0.13856846	GMPPA
80852	ENSG00000144596	289.230607	-0.74052918	0.16640792	1.73E-06	1.87E-05	GRIP2
85403	ENSG00000144597	1219.27976	-0.36644264	0.08906623	2.28E-05	0.00020284	EAF1
152330	ENSG00000144619	1377.84281	-0.70861248	0.07571913	1.90E-21	7.60E-20	CNTN4
51143	ENSG00000144635	831.656445	0.09956045	0.09839069	0.2951503	0.52176619	DYNC1LI1
27303	ENSG00000144642	1398.69634	-0.16738123	0.08133411	0.03490208	0.11308412	RBMS3
339896	ENSG00000144644	0	NA	NA	NA	NA	GADL1
114884	ENSG00000144645	58.0050825	0.06419612	0.29278451	0.73924667	0.87688337	OSBPL10
84892	ENSG00000144647	516.635417	0.01354378	0.10423525	0.89345723	0.95389529	POMGNT2

1238	ENSG00000144648	7.16305007	-0.15257672	0.39261031	0.28754265	0.51323739	ACKR2
729085	ENSG00000144649	12.4065413	3.7354242	0.97990607	1.57E-05	0.00014359	GASK1A
64651	ENSG00000144655	60.3491501	0.17590004	0.26366853	0.37464125	0.60375943	CSRNP1
54977	ENSG00000144659	434.229427	-0.12053989	0.11323629	0.26458649	0.48686662	SLC25A38
3680	ENSG00000144668	1460.72751	-0.79144719	0.08340364	4.50E-22	1.86E-20	ITGA9
9389	ENSG00000144671	2.59809514	0.05155757	0.3770724	0.58997084	0.78467664	SLC22A14
2803	ENSG00000144674	1671.86682	-0.07831112	0.10087361	0.42008718	0.6460375	GOLGA4
10217	ENSG00000144677	760.282112	0.31840444	0.09484068	0.00051651	0.0033196	CTDSPL
6769	ENSG00000144681	948.070503	1.53438332	0.09369961	2.40E-61	3.26E-59	STAC
9922	ENSG00000144711	1433.27568	-0.44794467	0.07544172	1.34E-09	2.27E-08	IQSEC1
23066	ENSG00000144712	405.820337	0.09421239	0.13731636	0.46295963	0.68581491	CAND2
6161	ENSG00000144713	11558.7562	-0.16505732	0.04835788	0.00057707	0.00365668	RPL32
5793	ENSG00000144724	410.646533	0.32749016	0.13103373	0.00768892	0.03337303	PTPRG
54756	ENSG00000144730	11756.3676	-0.50777844	0.04603348	8.10E-30	4.66E-28	IL17RD
55164	ENSG00000144736	691.092506	-0.1199087	0.10731807	0.24353845	0.46198062	SHQ1
115286	ENSG00000144741	264.86607	0.08971131	0.14587526	0.50808559	0.72385596	SLC25A26
9039	ENSG00000144744	922.40159	0.04879374	0.09105697	0.58193275	0.778894	UBA3
10550	ENSG00000144746	804.416001	-0.15061499	0.09442991	0.09921498	0.2479125	ARL6IP5
7110	ENSG00000144747	646.655826	-0.27520018	0.13171983	0.02544406	0.08833073	TMF1
26018	ENSG00000144749	147.665497	0.90000741	0.23910552	2.32E-05	0.00020518	LRIG1
57408	ENSG00000144771	0	NA	NA	NA	NA	LRTM1
NA	ENSG00000144785	248.27796	-0.05506702	0.14548683	0.68072032	0.84396798	
8994	ENSG00000144791	508.194619	0.09926455	0.15496533	0.48433254	0.70452718	LIMD1
285349	ENSG00000144792	257.71153	-0.15375218	0.16129621	0.29093461	0.51698545	ZNF660
64332	ENSG00000144802	54.9857979	0.04013505	0.26801669	0.83652784	0.92562282	NFKBIZ
1295	ENSG00000144810	0.64342128	0.02056942	0.38306882	0.64913344	NA	COL8A1
91775	ENSG00000144815	1202.99139	0.15938501	0.08786235	0.06230457	0.17636219	NXPE3
84873	ENSG00000144820	0	NA	NA	NA	NA	ADGRG7
22989	ENSG00000144821	68.8506636	1.44727388	0.31779639	3.99E-07	4.83E-06	MYH15
90102	ENSG00000144824	326.225946	1.71553542	0.16336832	6.83E-27	3.47E-25	PHLDB2
55347	ENSG00000144827	430.681498	0.02165098	0.12468242	0.85615958	0.93593069	ABHD10
29114	ENSG00000144834	1361.79896	-0.12649119	0.07962743	0.10393088	0.25665779	TAGLN3
51365	ENSG00000144837	0.65294698	0.0259575	0.38366461	0.58982774	NA	PLA1A
285282	ENSG00000144840	247.484099	0.20274507	0.15219472	0.1461572	0.32699131	RABL3
141	ENSG00000144843	71.621897	0.08768226	0.23035867	0.63676855	0.81722218	ADPRH
152404	ENSG00000144847	34.0242698	3.29167551	0.5115899	9.88E-12	2.11E-10	IGSF11
64422	ENSG00000144848	660.639516	-0.11308393	0.11614212	0.3061773	0.53388623	ATG3
8856	ENSG00000144852	2.87561771	0.1172767	0.39582607	0.25587329	0.47698262	NR1I2

91653	ENSG00000144857	808.200194	0.09557263	0.09841907	0.31517185	0.54297665	BOC
58477	ENSG00000144867	802.386312	-0.29508281	0.11887917	0.00895068	0.03784773	SRPRB
66000	ENSG00000144868	820.679181	2.04368233	0.12032305	5.57E-66	8.25E-64	TMEM108
185	ENSG00000144891	590.016045	-0.50945086	0.11219788	2.11E-06	2.26E-05	AGTR1
116931	ENSG00000144893	101.011776	-0.4098627	0.27664598	0.05285211	0.15530003	MED12L
83939	ENSG00000144895	1683.73597	-0.11258167	0.07653362	0.13276455	0.30603562	EIF2A
10840	ENSG00000144908	22.8358975	-0.01999383	0.31084123	0.91117312	0.9621926	ALDH1L1
114885	ENSG00000144909	477.592579	-0.22649623	0.11478024	0.03803442	0.12085248	OSBPL11
7220	ENSG00000144935	211.501928	0.16447987	0.2341198	0.3810952	0.61009673	TRPC1
57552	ENSG00000144959	61.0187084	-0.01291037	0.25784004	0.94430719	0.97728379	NCEH1
83893	ENSG00000144962	0	NA	NA	NA	NA	SPATA16
653333	ENSG00000145002	0.49694214	0.01153459	0.38339044	0.7804583	NA	FAM86B2
4026	ENSG00000145012	7.60344169	3.14240183	1.25016804	0.00071839	0.00442363	LPP
93109	ENSG00000145014	470.897925	0.00848269	0.11167994	0.93763816	0.97366414	TMEM44
9711	ENSG00000145016	750.071684	-0.19994589	0.10016475	0.03805655	0.12090343	RUBCN
275	ENSG00000145020	338.829559	0.53446298	0.15365974	0.00017187	0.00124018	AMT
6988	ENSG00000145022	214.785244	-0.48500114	0.17139161	0.00176199	0.00961126	TCTA
84276	ENSG00000145029	335.26582	0.20008075	0.1400904	0.12361533	0.29131232	NICN1
90226	ENSG00000145040	1.08175734	0.04913157	0.38642238	0.34484369	NA	UCN2
9730	ENSG00000145041	1263.55815	-0.03385239	0.07970178	0.66275334	0.83353574	DCAF1
7873	ENSG00000145050	1764.61819	0.67043931	0.09225673	9.53E-14	2.34E-12	MANF
NA	ENSG00000145063	0.76401627	-0.02749518	0.38342601	0.57911717	NA	
NA	ENSG00000145075	1.05489384	-0.04391844	0.38790839	0.27834512	NA	CCDC39
9515	ENSG00000145087	399.019462	-1.02480837	0.17902448	1.22E-09	2.08E-08	STXBP5L
55840	ENSG00000145088	22.1397012	0.02042242	0.31631019	0.91215596	0.96260718	EAF2
286676	ENSG00000145103	1.68406501	0.12404622	0.41177607	0.04108289	NA	ILDR1
116211	ENSG00000145107	1.71004271	-0.06683772	0.39132443	0.18656897	NA	TM4SF19
4585	ENSG00000145113	5.28852537	-0.06361994	0.37053243	0.59354046	0.78731315	MUC4
9353	ENSG00000145147	98.0893646	0.01623902	0.20843357	0.92751466	0.96969441	SLIT2
8893	ENSG00000145191	1482.57952	0.1350191	0.07093281	0.05269173	0.1548976	EIF2B5
197	ENSG00000145192	2.72757994	0.04535152	0.38135755	0.54533093	0.75298369	AHSG
9718	ENSG00000145194	84.1839394	1.28057129	0.29488395	1.21E-06	1.35E-05	ECE2
90113	ENSG00000145198	156.089103	0.13107284	0.20117657	0.44573993	0.67028199	VWA5B2
1609	ENSG00000145214	297.402871	0.35486453	0.1460695	0.00858339	0.03656741	DGKQ
81608	ENSG00000145216	1088.75233	-0.0499851	0.08168755	0.53054354	0.74231198	FIP1L1
10861	ENSG00000145217	63.2944328	0.11927424	0.31164204	0.53586225	0.74657844	SLC26A1
55646	ENSG00000145220	382.265843	-0.05687584	0.11852645	0.61307021	0.80076208	LYAR
1060	ENSG00000145241	413.697275	-0.18634508	0.11647103	0.09218379	0.23468836	CENPC

2044	ENSG00000145242	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EPHA5
10699	ENSG00000145244	21.313988	3.18671044	0.69403896	2.87E-07	3.57E-06	CORIN
57205	ENSG00000145246	631.401508	0.97722113	0.12573659	1.07E-15	3.06E-14	ATP10D
132299	ENSG00000145247	874.525608	-0.022651	0.08537523	0.78465538	0.9020424	OCIAD2
201780	ENSG00000145248	547.020945	0.22725835	0.1104414	0.03132823	0.1037823	SLC10A4
345274	ENSG00000145283	0.34746601	0.02370763	0.3853651	0.61987128	NA	SLC10A6
79966	ENSG00000145284	372.739237	-0.21101187	0.12266431	0.06854463	0.18864273	SCD5
51316	ENSG00000145287	0.55356856	0.03297301	0.38624244	0.45094446	NA	PLAC8
58478	ENSG00000145293	917.586377	-0.32593115	0.09666747	0.00047252	0.00307169	ENOPH1
85438	ENSG00000145309	0	NA	NA	NA	NA	CABS1
2638	ENSG00000145321	0	NA	NA	NA	NA	GC
93587	ENSG00000145331	148.736342	0.02484515	0.21686537	0.8911897	0.95275372	TRMT10A
57563	ENSG00000145332	688.777358	-0.37923794	0.16116067	0.00950657	0.03980799	KLHL8
6622	ENSG00000145335	240.471817	-0.34477844	0.2251226	0.06423991	0.18029704	SNCA
100996939	ENSG00000145337	841.862377	0.07457141	0.08798784	0.38431539	0.61337119	PYURF
93627	ENSG00000145348	599.029126	0.1570086	0.1059638	0.12269271	0.28988186	TBCK
817	ENSG00000145349	518.824952	-0.02075756	0.11787574	0.85200857	0.93288356	CAMK2D
493856	ENSG00000145354	722.143973	-0.36004126	0.11547613	0.00104251	0.00612296	CISD2
115265	ENSG00000145358	7.09404882	2.49294987	1.28168608	0.00214142	0.01134469	DDIT4L
287	ENSG00000145362	3981.96901	0.39342798	0.07603422	1.26E-07	1.64E-06	ANK2
92610	ENSG00000145365	424.567233	-0.05922922	0.13161176	0.63075297	0.81329297	TIFA
166378	ENSG00000145375	308.09186	-0.03168742	0.13960289	0.8065107	0.91237156	SPATA5
2169	ENSG00000145384	0	NA	NA	NA	NA	FABP2
890	ENSG00000145386	1289.66566	-0.17414537	0.08786433	0.04135968	0.12865727	CCNA2
57721	ENSG00000145388	666.644244	-0.33796537	0.14242873	0.01029971	0.0424392	METTTL14
54532	ENSG00000145390	290.626266	0.25025768	0.15609711	0.07886948	0.20933386	USP53
80854	ENSG00000145391	1198.16051	-0.71064989	0.08165509	7.53E-19	2.65E-17	SETD7
92345	ENSG00000145414	229.586049	0.22666572	0.17358176	0.14299103	0.32208696	NAF1
55016	ENSG00000145416	125.771088	-0.2171867	0.208304	0.21672712	0.42784737	MARCHF1
6423	ENSG00000145423	0.49887772	0.01178183	0.38340295	0.77665762	NA	SFRP2
6189	ENSG00000145425	18331.709	-0.15211358	0.05019904	0.00221852	0.01170933	RPS3A
285533	ENSG00000145428	198.483728	0.15921985	0.15906872	0.27190847	0.49528683	RNF175
56034	ENSG00000145431	30.8858792	2.03313438	0.4864665	1.80E-06	1.95E-05	PDGFC
84869	ENSG00000145439	663.482966	-0.05100908	0.10014336	0.59692623	0.78900843	CBR4
8001	ENSG00000145451	10.7495481	-0.4504519	0.65210421	0.04609532	0.13985441	GLRA3
285440	ENSG00000145476	538.50324	-0.45360027	0.13234646	0.00026426	0.00182871	CYP4V2
83853	ENSG00000145491	1.03870336	0.05888287	0.39035467	0.19883368	NA	ROPN1L
4726	ENSG00000145494	764.217134	0.13893141	0.09736022	0.13998502	0.3173335	NDUFS6

10299	ENSG00000145495	5578.59489	0.04658448	0.06973896	0.49707795	0.71500229	MARCHF6
85409	ENSG00000145506	15.9334067	0.34953792	0.46436483	0.10921242	0.26569888	NKD2
1016	ENSG00000145526	2.99675661	0.11055188	0.39261616	0.2803424	0.5049178	CDH18
170690	ENSG00000145536	3.26176294	-0.03466558	0.37354106	0.7211028	0.86691933	ADAMTS16
6715	ENSG00000145545	664.895624	-0.22834338	0.12551843	0.05335301	0.15642438	SRD5A1
4651	ENSG00000145555	807.453954	1.4894105	0.09885091	2.32E-52	2.43E-50	MYO10
54491	ENSG00000145569	586.713731	-1.01390987	0.10807863	8.66E-22	3.53E-20	OTULINL
6167	ENSG00000145592	16968.4493	-0.07329403	0.05506785	0.17816787	0.37366284	RPL37
6502	ENSG00000145604	2865.13966	0.33517467	0.08747241	8.01E-05	0.00062357	SKP2
9180	ENSG00000145623	1.27964908	0.05379502	0.38671458	0.30663808	NA	OSMR
133688	ENSG00000145626	0	NA	NA	NA	NA	UGT3A1
10769	ENSG00000145632	90.4627641	1.01729948	0.27313647	2.14E-05	0.00019081	PLK2
100132916	ENSG00000145642	0.52119901	0.02576573	0.38568143	0.51723676	NA	SHISAL2B
3001	ENSG00000145649	0	NA	NA	NA	NA	GZMA
5295	ENSG00000145675	1618.70644	-1.38712934	0.08953169	3.45E-55	4.01E-53	PIK3R1
1404	ENSG00000145681	0	NA	NA	NA	NA	HAPLN1
10184	ENSG00000145685	826.368604	-1.51231121	0.12831259	3.66E-33	2.30E-31	LHFPL2
23635	ENSG00000145687	784.037554	0.5927026	0.09562858	1.78E-10	3.32E-09	SSBP2
635	ENSG00000145692	3.02473945	-0.05360609	0.37780344	0.56024586	0.76415299	BHMT
256006	ENSG00000145700	32.1075008	-0.08543281	0.29179236	0.65806035	0.83031782	ANKRD31
10788	ENSG00000145703	267.897125	0.65875888	0.16428339	1.48E-05	0.00013614	IQGAP2
1393	ENSG00000145708	0	NA	NA	NA	NA	CRHBP
5921	ENSG00000145715	1081.66287	-0.21869213	0.09235428	0.01441547	0.05579457	RASA1
167410	ENSG00000145721	0.45004261	-0.02731475	0.38571429	0.56165931	NA	LIX1
54826	ENSG00000145723	106.133917	-0.74428585	0.24743693	0.00046968	0.00305525	GIN1
23262	ENSG00000145725	1231.26944	-0.27080603	0.10824997	0.0088727	0.03756603	PIIP5K2
5066	ENSG00000145730	1226.44715	0.37793999	0.07908803	1.00E-06	1.13E-05	PAM
55814	ENSG00000145734	1732.13689	-0.1408311	0.07819042	0.06535928	0.18243221	BDP1
2966	ENSG00000145736	574.035811	-0.17023018	0.11965655	0.13326582	0.30691105	GTF2H2
728340	ENSG00000145736	574.035811	-0.17023018	0.11965655	0.13326582	0.30691105	GTF2H2
64924	ENSG00000145740	1153.62503	-0.1382732	0.08980466	0.11258913	0.27178103	SLC30A5
689	ENSG00000145741	8528.07228	0.0280306	0.05101667	0.57935538	0.77706744	BTF3
64839	ENSG00000145743	564.020133	0.01881729	0.10170587	0.84898367	0.93137282	FBXL17
83890	ENSG00000145757	8.85955804	0.02473621	0.3506018	0.86688206	0.94147909	SPATA9
85480	ENSG00000145777	37.055434	1.11246771	0.41769598	0.0006579	0.00409046	TSLP
25816	ENSG00000145779	131.951296	0.65080234	0.21065315	0.00046718	0.00304196	TNFAIP8
56929	ENSG00000145780	339.929243	-0.08185149	0.1310556	0.5054822	0.7217017	FEM1C
51397	ENSG00000145781	288.519274	-0.25637381	0.14562749	0.05628185	0.16308337	COMMD10

9140	ENSG00000145782	967.257239	-0.4035593	0.10255469	4.30E-05	0.00035752	ATG12
84466	ENSG00000145794	6.44804491	0.22552132	0.44332065	0.13544764	0.30998745	MEGF10
171019	ENSG00000145808	256.092541	3.44116673	0.22999369	2.55E-52	2.66E-50	ADAMTS19
81555	ENSG00000145817	658.18634	0.04679943	0.10447908	0.64223756	0.82116344	YIPF5
23092	ENSG00000145819	366.659327	-0.26503924	0.1912248	0.1100579	0.26723153	ARHGAP26
9547	ENSG00000145824	0	NA	NA	NA	NA	CXCL14
3950	ENSG00000145826	0.87431337	0.0632895	0.39095804	0.21028855	NA	LECT2
153328	ENSG00000145832	0	NA	NA	NA	NA	SLC25A48
9879	ENSG00000145833	2822.38882	0.04614312	0.09589626	0.62013016	0.80605425	DDX46
NA	ENSG00000145835	0	NA	NA	NA	NA	CDKN2AIPNLP2
3578	ENSG00000145839	0	NA	NA	NA	NA	IL9
91937	ENSG00000145850	0	NA	NA	NA	NA	TIMD4
153830	ENSG00000145860	2513.54096	-0.12954615	0.07920947	0.09452913	0.23903363	RNF145
114898	ENSG00000145861	18.5277379	-0.06893614	0.31763211	0.70662292	0.85861856	C1QTNF2
2559	ENSG00000145863	0	NA	NA	NA	NA	GABRA6
2561	ENSG00000145864	0	NA	NA	NA	NA	GABRB2
81545	ENSG00000145868	1073.26837	0.12008779	0.09634078	0.19782988	0.40199972	FBXO38
84651	ENSG00000145879	1.27833632	0.07076668	0.39314745	0.13508016	NA	SPINK7
78991	ENSG00000145882	715.986145	-0.29929547	0.09988428	0.00185284	0.01002735	PCYOX1L
2741	ENSG00000145888	0.173124	-0.01911262	0.38486262	0.84537521	NA	GLRA1
10318	ENSG00000145901	924.992111	-0.15997271	0.09921414	0.09407289	0.23818352	TNIP1
10146	ENSG00000145907	3639.57371	-0.06287319	0.0766817	0.40192774	0.63031025	G3BP1
91975	ENSG00000145908	1198.58214	-0.20254123	0.08736551	0.01698335	0.06390093	ZNF300
23138	ENSG00000145911	105.264956	-0.52700392	0.257844	0.01195483	0.04810055	N4BP3
55651	ENSG00000145912	2396.48467	0.0136531	0.06355253	0.83010913	0.92296908	NHP2
64777	ENSG00000145916	1188.51566	-0.04288386	0.0833749	0.59809169	0.78965456	RMND5B
91272	ENSG00000145919	962.794017	0.12311837	0.10065825	0.20507942	0.41202791	BOD1
10814	ENSG00000145920	1870.02123	-2.84357207	0.1141209	1.43E-138	8.35E-136	CPLX2
57451	ENSG00000145934	36.8102061	-0.5977953	0.69355094	0.02739342	0.09338238	TENM2
3779	ENSG00000145936	0	NA	NA	NA	NA	KCNMB1
26240	ENSG00000145945	284.714461	-0.20655278	0.16728447	0.16893069	0.36034672	FAM50B
340156	ENSG00000145949	23.8270171	-0.00405097	0.29757871	0.98113785	0.99355086	MYLK4
222826	ENSG00000145975	0.34624801	-0.02356563	0.38536324	0.65270996	NA	FAM217A
51256	ENSG00000145979	308.972718	0.16435446	0.14261379	0.21396314	0.42415859	TBC1D7
107080638	ENSG00000145979	308.972718	0.16435446	0.14261379	0.21396314	0.42415859	TBC1D7
10667	ENSG00000145982	152.316738	0.15907952	0.19597518	0.3466588	0.57745009	FARS2
54438	ENSG00000145990	131.534217	-0.33623123	0.20063069	0.05147866	0.15239282	GFOD1
54901	ENSG00000145996	349.641208	-0.56611159	0.14571655	3.17E-05	0.00027126	CDKAL1

54660	ENSG00000146001	19.951733	0.06835963	0.3102924	0.7171101	0.86381491	PCDHB18P
84249	ENSG00000146005	94.5962292	0.25758435	0.22014541	0.15916391	0.34667433	PSD2
26045	ENSG00000146006	251.64582	-1.48247658	0.17765993	5.82E-18	1.91E-16	LRRTM2
153527	ENSG00000146007	813.387229	-0.10086201	0.09268446	0.26139442	0.48341399	ZMAT2
2676	ENSG00000146013	1050.35347	-1.51108618	0.09784283	6.83E-55	7.83E-53	GFRA3
26249	ENSG00000146021	268.056859	-0.21512785	0.15846828	0.13462317	0.30902739	KLHL3
51473	ENSG00000146038	4.23778789	-0.06262202	0.38116691	0.46986683	0.69227372	DCDC2
10050	ENSG00000146039	0	NA	NA	NA	NA	SLC17A4
255626	ENSG00000146047	0	NA	NA	NA	NA	H2BC1
353219	ENSG00000146049	0	NA	NA	NA	NA	KAAG1
81786	ENSG00000146054	58.2773039	-0.53337933	0.34341973	0.02873551	0.0970608	TRIM7
90933	ENSG00000146063	1172.82018	0.27298062	0.08155868	0.00060401	0.00380554	TRIM41
192286	ENSG00000146066	754.07463	0.15131327	0.09755047	0.10846858	0.26431057	HIGD2A
54540	ENSG00000146067	1300.20234	0.19679986	0.07678571	0.00882907	0.03742122	FAM193B
7941	ENSG00000146070	0	NA	NA	NA	NA	PLA2G7
27242	ENSG00000146072	138.82966	2.17531757	0.21768596	1.22E-24	5.72E-23	TNFRSF21
22838	ENSG00000146083	3324.37298	0.43475978	0.07195484	7.45E-10	1.30E-08	RNF44
4594	ENSG00000146085	534.763625	0.22165268	0.10729348	0.03106276	0.10305772	MMUT
255426	ENSG00000146090	11.4942165	0.21938383	0.40758294	0.21686449	0.42803338	RASGEF1C
79930	ENSG00000146094	116.92076	0.14229394	0.22631959	0.43990742	0.66517856	DOK3
29777	ENSG00000146109	538.496386	0.10287249	0.1085957	0.32355722	0.55130327	ABT1
170954	ENSG00000146112	1468.84943	0.08590509	0.0775809	0.25726931	0.47832659	PPP1R18
107987457	ENSG00000146112	1468.84943	0.08590509	0.0775809	0.25726931	0.47832659	PPP1R18
23500	ENSG00000146122	342.127673	2.23366975	0.1460186	5.55E-54	6.09E-52	DAAM2
5558	ENSG00000146143	343.426569	0.06323852	0.12666205	0.59942069	0.79057618	PRIM2
90523	ENSG00000146147	0	NA	NA	NA	NA	MLIP
54511	ENSG00000146151	14.7707925	-0.15483039	0.36017632	0.38659151	0.61566669	HMGCLL1
51557	ENSG00000146166	0	NA	NA	NA	NA	LGSN
221472	ENSG00000146192	0.18922458	0.01954053	0.38488496	0.78225479	NA	FGD2
222663	ENSG00000146197	15.8696393	-0.01409529	0.33521593	0.92973471	0.97064482	SCUBE3
50636	ENSG00000146205	137.71335	-0.24746308	0.18601278	0.12856351	0.29941308	ANO7
401262	ENSG00000146215	0.18922458	0.01954053	0.38488496	0.78225479	NA	CRIP3
84630	ENSG00000146216	1320.06876	-1.38584275	0.08159525	1.01E-65	1.49E-63	TTBK1
202500	ENSG00000146221	7.63320458	0.22850669	0.45982141	0.08384127	0.21881225	TCTE1
285855	ENSG00000146223	3843.85958	-0.14600193	0.08218214	0.06849159	0.18852292	RPL7L1
4794	ENSG00000146232	169.482432	-0.16841025	0.17251575	0.27319934	0.49676945	NFKBIE
51302	ENSG00000146233	0	NA	NA	NA	NA	CYP39A1
7162	ENSG00000146242	452.359212	0.69207486	0.14281878	2.95E-07	3.66E-06	TPBG

134728	ENSG00000146243	328.26349	-0.16740763	0.14571568	0.2125563	0.42238752	IRAK1BP1
55023	ENSG00000146247	3301.56078	-0.15485694	0.06501628	0.01555081	0.05936659	PHIP
167681	ENSG00000146250	52.716925	0.91218699	0.35422715	0.00116856	0.00676713	PRSS35
253714	ENSG00000146263	865.011652	-0.26946313	0.1187552	0.01656405	0.06259633	MMS22L
84553	ENSG00000146267	850.4075	-0.54500409	0.11207122	3.96E-07	4.80E-06	FAXC
2569	ENSG00000146276	0.15069912	-0.01848503	0.38480575	0.84537521	NA	GABRR1
10957	ENSG00000146278	523.66627	0.4836851	0.11216502	6.63E-06	6.50E-05	PNRC1
135293	ENSG00000146281	1239.00016	0.02149082	0.0808932	0.78457703	0.90201126	PM20D2
57038	ENSG00000146282	748.72841	0.11392153	0.10838706	0.27320938	0.49676945	RARS2
256380	ENSG00000146285	27.9151292	-1.44696329	0.61362816	0.00090243	0.00541894	SCML4
221322	ENSG00000146350	264.944819	0.25246869	0.16972	0.0971948	0.24387819	TBC1D32
134829	ENSG00000146352	286.88909	0.98344861	0.50987664	0.00423952	0.02026308	CLVS2
2830	ENSG00000146360	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GPR6
154214	ENSG00000146373	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RNF217
84870	ENSG00000146374	0	NA	NA	NA	NA	RSPO3
93663	ENSG00000146376	0	NA	NA	NA	NA	ARHGAP18
9287	ENSG00000146378	0	NA	NA	NA	NA	TAAR2
319100	ENSG00000146383	0	NA	NA	NA	NA	TAAR6
83551	ENSG00000146385	0	NA	NA	NA	NA	TAAR8
58527	ENSG00000146386	54.9363137	0.58573297	0.33883828	0.0181162	0.06720935	ABRACL
134864	ENSG00000146399	0	NA	NA	NA	NA	TAAR1
116843	ENSG00000146409	0	NA	NA	NA	NA	SLC18B1
113115	ENSG00000146410	85.8013756	-0.13879811	0.2230207	0.44571246	0.67028199	MTFR2
154091	ENSG00000146411	66.6173003	1.92511634	0.35242651	3.29E-09	5.27E-08	SLC2A12
257218	ENSG00000146414	986.925656	-0.20571367	0.0857201	0.01367456	0.05356431	SHPRH
51390	ENSG00000146416	556.985012	-0.28244817	0.10383456	0.00451431	0.02134509	AIG1
6993	ENSG00000146425	1103.78705	-0.29289186	0.08722613	0.00054742	0.00348997	DYNLT1
26230	ENSG00000146426	360.843218	0.49482434	0.142407	0.00019669	0.00140068	TIAM2
57583	ENSG00000146433	2003.72789	-0.41885109	0.06793535	3.54E-10	6.45E-09	TMEM181
154197	ENSG00000146453	0.56790858	-0.00208417	0.3828124	0.94123501	NA	PNLDC1
9589	ENSG00000146457	1500.72685	-0.19799773	0.07886222	0.01017159	0.04196387	WTAP
9202	ENSG00000146463	2284.33028	-0.11803422	0.07960932	0.12959207	0.30116889	ZMYM4
7432	ENSG00000146469	8.22627928	-1.57316732	1.35811245	0.00726534	0.03187622	VIP
79624	ENSG00000146476	273.769169	-0.05621778	0.1473777	0.67849187	0.84291038	ARMT1
6581	ENSG00000146477	0	NA	NA	NA	NA	SLC22A3
26238	ENSG00000146521	0	NA	NA	NA	NA	LINC01558
221806	ENSG00000146530	183.215622	1.61367476	0.28609104	8.90E-10	1.54E-08	VWDE
2768	ENSG00000146535	1884.21808	-0.13511138	0.0695274	0.04790193	0.14399612	GNA12

84310	ENSG00000146540	1405.69718	0.19407798	0.07700851	0.01001166	0.04151127	C7orf50
221935	ENSG00000146555	1554.06194	0.15578091	0.09033321	0.07576334	0.20290829	SDK1
NA	ENSG00000146556	411.209417	0.29084484	0.12315742	0.01244578	0.04965299	WASH2P
221960	ENSG00000146574	2170.36407	0.16533499	0.07009087	0.01636521	0.06190386	CCZ1B
79034	ENSG00000146576	923.136496	0.20318549	0.11220005	0.05776416	0.16647892	C7orf26
57786	ENSG00000146587	1013.57853	-0.36826184	0.08698006	1.31E-05	0.00012266	RBAK
9586	ENSG00000146592	244.94446	-0.48631936	0.21088337	0.00734252	0.03214379	CREB5
222894	ENSG00000146618	0	NA	NA	NA	NA	FERD3L
1956	ENSG00000146648	669.317008	-1.80566815	0.11183665	9.38E-60	1.21E-57	EGFR
84847	ENSG00000146666	5.41117012	0.02763548	0.36077058	0.83179331	0.92385262	LINC00525
113130	ENSG00000146670	1584.85369	-0.44421201	0.07128125	2.11E-10	3.93E-09	CDCA5
3486	ENSG00000146674	34.3735421	2.72506004	0.50177585	3.49E-09	5.58E-08	IGFBP3
5814	ENSG00000146676	2794.47703	0.07834934	0.06672069	0.23430081	0.45122578	PURB
NA	ENSG00000146677	0.47107016	-0.00696797	0.38321369	0.8716432	NA	RPL32P18
3484	ENSG00000146678	0	NA	NA	NA	NA	IGFBP1
136853	ENSG00000146700	61.4055851	1.59337892	0.36128457	7.44E-07	8.60E-06	SSC4D
4191	ENSG00000146701	5234.60294	-0.03287008	0.06629119	0.61604727	0.80315271	MDH2
22932	ENSG00000146707	595.894387	0.18260976	0.10352047	0.06657717	0.18484342	POMZP3
541473	ENSG00000146722	12.3793694	0.08628856	0.35597064	0.58076084	0.77801412	
2631	ENSG00000146729	1264.65213	-0.05339194	0.07832408	0.48564024	0.7057649	NIPSNAP2
908	ENSG00000146731	6389.4327	-0.21365183	0.07059508	0.00204033	0.01088178	CCT6A
5723	ENSG00000146733	839.643551	0.5286667	0.11932931	3.39E-06	3.50E-05	PSPH
135892	ENSG00000146755	0.66943461	0.03059546	0.38616409	0.42784935	NA	TRIM50
168374	ENSG00000146757	616.87195	-0.39233424	0.10753792	0.00014007	0.00103004	ZNF92
222255	ENSG00000146776	238.222784	-0.20385308	0.19215277	0.21943079	0.43146748	ATXN7L1
64418	ENSG00000146802	726.081073	-0.06057819	0.13203083	0.62537108	0.80924616	TMEM168
142685	ENSG00000146809	0.33471731	0.02354391	0.38534154	0.62842204	NA	ASB15
55262	ENSG00000146826	637.591508	0.19451446	0.10323632	0.04994406	0.14887172	TRAPPC14
56996	ENSG00000146828	1029.28729	0.30918673	0.10590461	0.00232162	0.01216291	SLC12A9
64599	ENSG00000146830	3707.48636	0.25969369	0.05827631	6.38E-06	6.29E-05	GIGYF1
89122	ENSG00000146833	315.762072	-0.03617715	0.12932195	0.76540357	0.89216889	TRIM4
56257	ENSG00000146834	1256.70518	-0.1195422	0.07893271	0.12126452	0.28753541	MEPCE
7455	ENSG00000146839	0.16735865	0.01897177	0.38482933	0.78225479	NA	ZAN
84928	ENSG00000146842	1139.91804	0.07741341	0.10280619	0.43505656	0.66035668	TMEM209
340351	ENSG00000146856	41.2652512	0.10361184	0.32362385	0.57849924	0.77655107	AGBL3
346673	ENSG00000146857	0	NA	NA	NA	NA	STRA8
92092	ENSG00000146858	434.000893	0.45196466	0.11757679	5.42E-05	0.00043898	ZC3HAV1L
55281	ENSG00000146859	387.928877	-0.02291551	0.12661283	0.8465081	0.93045544	TMEM140

11011	ENSG00000146872	1737.0424	0.00137043	0.08138282	0.98698533	0.99565021	TLK2
2041	ENSG00000146904	1.00332036	0.0055579	0.37925585	0.93202442	NA	EPHA1
64434	ENSG00000146909	1332.44175	0.38852009	0.09722672	3.50E-05	0.00029733	NOM1
285888	ENSG00000146910	0	NA	NA	NA	NA	CNPY1
54892	ENSG00000146918	2201.09691	-0.0181691	0.09493679	0.84232678	0.92837824	NCAPG2
136371	ENSG00000146926	0	NA	NA	NA	NA	ASB10
57502	ENSG00000146938	267.842873	-0.96459757	0.16393752	5.38E-10	9.62E-09	NLGN4X
357	ENSG00000146950	130.455665	-0.32909887	0.20045263	0.05635621	0.16322734	SHROOM2
401409	ENSG00000146955	3.18109652	-0.07835945	0.38243106	0.42838612	0.65428642	RAB19
51631	ENSG00000146963	2184.04668	-0.09454141	0.09578128	0.30725268	0.53477438	LUC7L2
27147	ENSG00000146966	700.25135	0.14732729	0.12398848	0.2088139	0.41674558	DENND2A
57393	ENSG00000147003	11.5735335	0.00456542	0.33952227	0.9793716	0.99317507	CLTRN
30011	ENSG00000147010	359.196565	-0.79196403	0.16760962	4.07E-07	4.92E-06	SH3KBP1
83604	ENSG00000147027	0	NA	NA	NA	NA	TMEM47
347404	ENSG00000147036	0.53262177	0.02083861	0.384376	0.75767191	NA	LANCL3
94122	ENSG00000147041	1.52401327	0.07848063	0.38951113	0.29612947	NA	SYTL5
8573	ENSG00000147044	818.084278	-0.1098054	0.09431828	0.22905295	0.4444846	CASK
7403	ENSG00000147050	651.201108	0.15724134	0.10068992	0.10526287	0.25874017	KDM6A
54466	ENSG00000147059	17.0518024	-0.14526405	0.33905317	0.43994788	0.66517856	SPIN2A
4478	ENSG00000147065	2255.30626	-0.1032831	0.08238936	0.19882941	0.40318637	MSN
8852	ENSG00000147081	0	NA	NA	NA	NA	AKAP4
85417	ENSG00000147082	28.7002441	-0.25343944	0.38518757	0.20376807	0.41022409	CCNB3
55869	ENSG00000147099	820.154709	-0.12724241	0.09795137	0.17814502	0.37365442	HDAC8
6567	ENSG00000147100	436.205255	0.22838733	0.1234932	0.05024553	0.1495008	SLC16A2
79742	ENSG00000147113	0	NA	NA	NA	NA	DIPK2B
7712	ENSG00000147117	33.2685892	-0.13302079	0.30536919	0.4978381	0.71568059	ZNF157
7569	ENSG00000147118	242.998691	-0.20891704	0.14964251	0.12829383	0.29899782	ZNF182
56548	ENSG00000147119	254.31546	1.01532919	0.15351704	4.91E-12	1.07E-10	CHST7
55634	ENSG00000147121	222.873972	0.02215601	0.1564735	0.87781091	0.94578953	KRBOX4
54539	ENSG00000147123	1782.79394	0.08288247	0.07525419	0.26178893	0.48374648	NDUFB11
7592	ENSG00000147124	368.287259	-0.23722461	0.12969237	0.05119366	0.15179828	ZNF41
347517	ENSG00000147127	4.99639845	0.02515755	0.36407444	0.83610178	0.92527105	RAB41
9203	ENSG00000147130	1716.31454	0.06659075	0.07471427	0.36389378	0.5936726	ZMYM3
6872	ENSG00000147133	1727.00859	-0.09848119	0.09116181	0.26548181	0.48783542	TAF1
84636	ENSG00000147138	0.16735865	0.01897177	0.38482933	0.78225479	NA	GPR174
4841	ENSG00000147140	17095.2703	0.09220809	0.05639778	0.07102627	0.19359269	NONO
90060	ENSG00000147144	364.186232	0.17326317	0.12397523	0.13912349	0.31599427	CCDC120
2846	ENSG00000147145	0	NA	NA	NA	NA	LPAR4

10682	ENSG00000147155	743.942675	-0.58167444	0.0998021	1.76E-09	2.93E-08	EBP
158835	ENSG00000147160	0	NA	NA	NA	NA	AWAT2
8473	ENSG00000147162	3813.80779	0.25270629	0.06554022	8.98E-05	0.00069156	OGT
29934	ENSG00000147164	632.372143	0.07959324	0.11742123	0.47688242	0.69881585	SNX12
26548	ENSG00000147166	13.7024586	-0.0560391	0.33909193	0.73183949	0.87194905	ITGB1BP2
3561	ENSG00000147168	0	NA	NA	NA	NA	IL2RG
93953	ENSG00000147174	15.9376848	0.08713231	0.34185744	0.610165	0.79847461	GCNA
7552	ENSG00000147180	1575.83555	-0.16220843	0.07714854	0.03160063	0.1045799	ZNF711
53336	ENSG00000147183	0	NA	NA	NA	NA	CPXCR1
1730	ENSG00000147202	199.440521	0.23995838	0.16649825	0.1095746	0.26631876	DIAPH2
56000	ENSG00000147206	0.30139824	-0.02296476	0.38527817	0.68536535	NA	NXF3
92129	ENSG00000147223	0	NA	NA	NA	NA	RIPPLY1
5631	ENSG00000147224	895.314564	0.03699631	0.08884715	0.67162318	0.83826144	PRPS1
55086	ENSG00000147231	1.91120367	-0.05237235	0.38174001	0.50334617	NA	RADX
84443	ENSG00000147234	1.60863909	0.10434938	0.40355579	0.06090712	NA	FRMPD3
3358	ENSG00000147246	5.28802511	0.07981759	0.37430743	0.51240726	0.7276095	HTR2C
139818	ENSG00000147251	474.334831	-0.40287633	0.1145711	0.00022524	0.00158071	DOCK11
3547	ENSG00000147255	436.233945	0.56179098	0.14377767	2.99E-05	0.00025716	IGSF1
158763	ENSG00000147256	415.615818	0.04493366	0.14593095	0.7403205	0.87741689	ARHGAP36
2719	ENSG00000147257	399.020059	3.0754557	0.15443639	1.89E-89	4.74E-87	GPC3
139760	ENSG00000147262	0	NA	NA	NA	NA	GPR119
27316	ENSG00000147274	8899.90398	-0.00805391	0.05958512	0.89049445	0.95232275	RBMX
79648	ENSG00000147316	468.62581	-0.3968272	0.16231124	0.00706859	0.03119928	MCPH1
9258	ENSG00000147324	903.09399	-0.28912504	0.26264458	0.15143623	0.33539121	MFHAS1
26260	ENSG00000147364	1047.29492	-0.24179356	0.08805129	0.00467922	0.02198336	FBXO25
89885	ENSG00000147378	0	NA	NA	NA	NA	FATE1
4103	ENSG00000147381	0	NA	NA	NA	NA	MAGEA4
50814	ENSG00000147383	385.874497	-0.20307301	0.13047646	0.09701131	0.24360263	NSDHL
7739	ENSG00000147394	168.354531	1.2334445	0.21275173	6.67E-10	1.18E-08	ZNF185
1069	ENSG00000147400	349.802045	0.05604546	0.13165884	0.65120444	0.82578612	CETN2
6134	ENSG00000147403	23295.5986	0.08596745	0.04801155	0.07077067	0.1930817	RPL10
55790	ENSG00000147408	1.14036012	0.07722112	0.39253222	0.20972802	NA	CSGALNACT1
526	ENSG00000147416	2868.61525	-0.4679965	0.0642599	1.45E-13	3.50E-12	ATP6V1B2
55246	ENSG00000147419	1137.53042	-0.00839588	0.09287598	0.92484159	0.96868601	CCDC25
79618	ENSG00000147421	950.703432	0.30556085	0.09760108	0.00117443	0.00679719	HMBOX1
1142	ENSG00000147432	0	NA	NA	NA	NA	CHRN3
8973	ENSG00000147434	1.39259898	-0.00432957	0.37918364	0.8730313	NA	CHRNA6
2796	ENSG00000147437	22.5105389	0.22595058	0.35068699	0.27160925	0.49501447	GNRH1

55909	ENSG00000147439	241.467411	-0.00032455	0.14758229	0.99653371	0.99873692	BIN3
9046	ENSG00000147443	0.15069912	-0.01848503	0.38480575	0.84537521	NA	DOK2
51312	ENSG00000147454	998.541148	0.04212669	0.08804004	0.62885088	0.81194855	SLC25A37
91782	ENSG00000147457	1251.09611	-0.1067098	0.10305393	0.28141632	0.50624272	CHMP7
80005	ENSG00000147459	149.677828	1.46450598	0.22507414	7.07E-12	1.52E-10	DOCK5
6770	ENSG00000147465	39.3031151	0.02296167	0.27974331	0.90637045	0.95930719	STAR
11212	ENSG00000147471	558.660268	-0.02787068	0.11106927	0.79089076	0.90486551	PLPBP
11160	ENSG00000147475	852.066477	-0.05215129	0.10268496	0.59651365	0.78867326	ERLIN2
54212	ENSG00000147481	1.62372068	-0.10818151	0.4046584	0.06530737	NA	SNTG1
137902	ENSG00000147485	103.51425	1.17911785	0.24582526	1.58E-07	2.04E-06	PXDNL
9705	ENSG00000147488	0.34746601	0.02370763	0.3853651	0.61987128	NA	ST18
8601	ENSG00000147509	21.8076496	0.48486266	0.48754361	0.05929202	0.1695767	RGS20
6867	ENSG00000147526	402.977045	-0.31838167	0.1378739	0.01359014	0.05333894	TACC1
51125	ENSG00000147533	748.885403	0.02614087	0.10410185	0.79525828	0.90586169	GOLGA7
84513	ENSG00000147535	537.781827	0.36669286	0.11838224	0.00110823	0.00645735	PLPP5
84296	ENSG00000147536	479.604593	0.23924846	0.16923125	0.11495828	0.27628979	GINS4
54904	ENSG00000147548	3512.30673	-0.36611597	0.09836897	0.0001126	0.00084495	NSD3
85479	ENSG00000147570	0	NA	NA	NA	NA	DNAJC5B
1392	ENSG00000147571	0	NA	NA	NA	NA	CRH
84675	ENSG00000147573	0	NA	NA	NA	NA	TRIM55
137872	ENSG00000147576	16.6243915	0.36950826	0.48577263	0.09667385	0.24306007	ADHFE1
28957	ENSG00000147586	219.743292	-0.27996455	0.15476634	0.04752134	0.14306879	MRPS28
5375	ENSG00000147588	0	NA	NA	NA	NA	PMP2
51110	ENSG00000147592	111.846198	0.15390158	0.21071599	0.38499435	0.61396093	LACTB2
63978	ENSG00000147596	0	NA	NA	NA	NA	PRDM14
7013	ENSG00000147601	775.919886	-0.42014165	0.09566483	5.58E-06	5.57E-05	TERF1
6129	ENSG00000147604	16678.158	-0.13360118	0.05474046	0.01358814	0.05333894	RPL7
115111	ENSG00000147606	0.49850962	-0.02963375	0.38591404	0.52353366	NA	SLC26A7
85481	ENSG00000147613	0	NA	NA	NA	NA	PSKH2
245972	ENSG00000147614	0	NA	NA	NA	NA	ATP6V0D2
55638	ENSG00000147642	80.8943957	0.07971758	0.24639602	0.67611749	0.84154147	SYBU
1807	ENSG00000147647	0.89961696	-0.05075436	0.38821636	0.35902327	NA	DPYS
92140	ENSG00000147649	2577.06345	-0.47484308	0.07298728	3.33E-11	6.73E-10	MTDH
29967	ENSG00000147650	593.077573	-0.14615952	0.12573936	0.2172086	0.42858464	LRP12
9166	ENSG00000147654	262.964352	-0.28607667	0.16235316	0.05133884	0.15209235	EBAG9
340419	ENSG00000147655	0.173124	-0.01911262	0.38486262	0.84537521	NA	RSPO2
5440	ENSG00000147669	679.15173	0.24389564	0.09773292	0.0097212	0.04056123	POLR2K
114569	ENSG00000147676	0	NA	NA	NA	NA	MAL2

8667	ENSG00000147677	4009.10779	0.01050908	0.05587017	0.84988123	0.93178844	EIF3H
84294	ENSG00000147679	494.093892	0.24302814	0.14196009	0.06477481	0.181378	UTP23
4715	ENSG00000147684	2138.5999	-0.04993574	0.06272074	0.41878672	0.6446754	NDUFB9
83940	ENSG00000147687	420.067331	-0.12180191	0.11817909	0.27768459	0.50221169	TATDN1
84985	ENSG00000147689	1.40798341	-0.03526476	0.38166771	0.58231557	NA	FAM83A
56169	ENSG00000147697	0	NA	NA	NA	NA	GSDMC
51059	ENSG00000147724	70.2167031	-2.87059636	0.3336563	5.87E-19	2.08E-17	FAM135B
246122	ENSG00000147753	0	NA	NA	NA	NA	TTY7
100101120	ENSG00000147761	0	NA	NA	NA	NA	TTY7B
7553	ENSG00000147789	597.335417	-0.05631704	0.11413105	0.60488372	0.79491906	ZNF7
80728	ENSG00000147799	475.244185	0.10144704	0.1107108	0.3387678	0.5690106	ARHGAP39
55630	ENSG00000147804	247.442785	0.20896261	0.14552661	0.12015112	0.28543799	SLC39A4
93100	ENSG00000147813	73.2203921	-0.02280735	0.22352752	0.89885932	0.95556135	NAPRT
7436	ENSG00000147852	254.238965	0.10101825	0.16875911	0.50599819	0.72177288	VLDLR
50808	ENSG00000147853	1155.01955	-0.18642994	0.09041921	0.03344033	0.109409	AK3
115426	ENSG00000147854	1072.07724	0.06818746	0.08918706	0.43229256	0.65787255	UHRF2
4781	ENSG00000147862	4081.24638	-0.8888183	0.06501776	1.86E-43	1.57E-41	NFIB
9350	ENSG00000147869	6.06266688	0.12606195	0.38072511	0.37630693	0.60526384	CER1
123	ENSG00000147872	955.86879	0.19268922	0.08691572	0.02271093	0.08064878	PLIN2
3442	ENSG00000147873	0.31716937	0.00152043	0.38337001	0.96328461	NA	IFNA5
54801	ENSG00000147874	1895.62216	-0.2312271	0.08706594	0.00624372	0.02801342	HAUS6
1030	ENSG00000147883	7.46355748	0.14158984	0.39254217	0.284643	0.50987892	CDKN2B
3449	ENSG00000147885	0	NA	NA	NA	NA	IFNA16
1029	ENSG00000147889	340.182156	-0.09569161	0.13217485	0.43957424	0.66481822	CDKN2A
203228	ENSG00000147894	530.997305	0.12467275	0.10424235	0.2138241	0.42397262	C9orf72
56832	ENSG00000147896	0	NA	NA	NA	NA	IFNK
84186	ENSG00000147905	350.898646	-0.15974642	0.15226048	0.25163376	0.47149344	ZCCHC7
26267	ENSG00000147912	883.395982	0.02748749	0.10996978	0.79503764	0.90585603	FBXO10
10280	ENSG00000147955	1794.27351	-0.22818942	0.07912305	0.00314094	0.01574579	SIGMAR1
220869	ENSG00000147996	556.794527	0.08337389	0.10860288	0.42397221	0.64969559	CBWD5
84131	ENSG00000148019	1502.67799	0.07586109	0.08320409	0.35070191	0.58113472	CEP78
4915	ENSG00000148053	26.2655232	-0.07398231	0.30133396	0.6969259	0.85375952	NTRK2
414328	ENSG00000148057	47.0718473	-0.00715604	0.25975326	0.96855239	0.98817646	IDNK
53358	ENSG00000148082	1263.46059	-0.4891272	0.08914321	1.68E-08	2.45E-07	SHC3
549	ENSG00000148090	215.894883	0.34312175	0.15819881	0.01733204	0.06491745	AUH
84641	ENSG00000148110	789.290912	0.06966734	0.09510472	0.44997573	0.67340229	MFSD14B
84909	ENSG00000148120	314.255543	0.25273467	0.15043915	0.0672202	0.18610782	AOPEP
54886	ENSG00000148123	0.16735865	0.01897177	0.38482933	0.78225479	NA	PLPPR1

138804	ENSG00000148136	0	NA	NA	NA	NA	OR13C4
58499	ENSG00000148143	1458.17258	-0.06686251	0.07508362	0.36304346	0.59281472	ZNF462
58493	ENSG00000148153	695.704673	-0.49461975	0.13769179	0.00012781	0.00094689	INIP
7357	ENSG00000148154	463.81408	0.11134072	0.13084258	0.36538344	0.5947154	UGCG
10880	ENSG00000148156	0.18922458	0.01954053	0.38488496	0.78225479	NA	ACTL7B
401548	ENSG00000148158	445.091271	-0.22757238	0.11917793	0.04389212	0.13459347	SNX30
2040	ENSG00000148175	230.981618	-0.06427241	0.14568626	0.63267152	0.81417935	STOM
2934	ENSG00000148180	468.649281	0.44917652	0.13908986	0.00054421	0.00347173	GSN
92399	ENSG00000148187	776.929303	-0.09101869	0.0903566	0.29865138	0.52551632	MRRF
2649	ENSG00000148200	65.3029835	0.46143684	0.37324387	0.05830063	0.16751071	NR6A1
286204	ENSG00000148204	2.25754674	0.03989187	0.37727946	0.65195724	NA	CRB2
392391	ENSG00000148215	0	NA	NA	NA	NA	OR5C1
210	ENSG00000148218	560.109714	0.3218156	0.1042355	0.00130161	0.00741428	ALAD
23245	ENSG00000148219	1751.91056	-0.34016171	0.07213897	1.51E-06	1.66E-05	ASTN2
114987	ENSG00000148225	88.0290417	0.02005488	0.23001599	0.91481211	0.9640318	WDR31
54107	ENSG00000148229	1514.80948	-0.45513384	0.07519	6.40E-10	1.13E-08	POLE3
6836	ENSG00000148248	3250.04061	-0.12408415	0.08593189	0.13780052	0.31363569	SURF4
26301	ENSG00000148288	69.6230581	-0.75015886	0.37973399	0.00650022	0.0290395	GBGT1
6834	ENSG00000148290	856.169801	0.10044403	0.08792249	0.24089889	0.45885437	SURF1
6835	ENSG00000148291	418.216813	-0.11549523	0.14183776	0.37958167	0.60845927	SURF2
6838	ENSG00000148296	1357.28544	-0.04738702	0.07468008	0.51710766	0.73098795	SURF6
6837	ENSG00000148297	1163.97541	0.05437931	0.10948128	0.60523766	0.79522617	MED22
57109	ENSG00000148300	965.529247	0.02282006	0.08578603	0.78562835	0.90248778	REXO4
6130	ENSG00000148303	24397.6652	-0.0045151	0.05135793	0.92525516	0.96892907	RPL7A
9328	ENSG00000148308	1300.17439	0.16758974	0.08372008	0.03991954	0.12519819	GTF3C5
140459	ENSG00000148331	1546.82847	-0.11556856	0.07891857	0.13405808	0.30828734	ASB6
80142	ENSG00000148334	1206.16116	-0.22225762	0.08046769	0.00467205	0.02195486	PTGES2
28989	ENSG00000148335	684.99757	-0.0131925	0.10374313	0.89404855	0.95417323	NTMT1
25792	ENSG00000148337	2519.03309	-0.08119486	0.0639954	0.19785033	0.40199972	CIZ1
114789	ENSG00000148339	767.81794	-0.38051397	0.10037802	8.29E-05	0.0006434	SLC25A25
56904	ENSG00000148341	1459.17377	0.18845217	0.07937054	0.0150917	0.0579852	SH3GLB2
84895	ENSG00000148343	633.287347	0.19096751	0.11470103	0.08063292	0.21267709	MIGA2
9536	ENSG00000148344	106.938928	-0.17172101	0.20941976	0.32928522	0.55780556	PTGES
3934	ENSG00000148346	0	NA	NA	NA	NA	LCN2
90678	ENSG00000148356	633.184291	0.20884777	0.10934511	0.04585697	0.13926256	LRSAM1
256158	ENSG00000148357	248.861723	0.73507925	0.18578759	1.52E-05	0.00013962	HMCN2
57720	ENSG00000148358	2249.86056	-0.00173951	0.07103885	0.9793839	0.99317507	GPR107
286257	ENSG00000148362	536.691694	0.1064322	0.10670027	0.29920581	0.52616941	PAXX

91734	ENSG00000148377	0.34624801	-0.02356563	0.38536324	0.65270996	NA	IDI2
56623	ENSG00000148384	622.629873	0.46281309	0.1111341	1.36E-05	0.00012616	INPP5E
392399	ENSG00000148386	0	NA	NA	NA	NA	LCN9
9919	ENSG00000148396	2960.85352	-0.1087985	0.06401495	0.08393871	0.21898015	SEC16A
92715	ENSG00000148399	905.164267	0.23454201	0.0910985	0.00793617	0.03427672	DPH7
4851	ENSG00000148400	150.176326	2.2837787	0.28302058	4.08E-17	1.27E-15	NOTCH1
774	ENSG00000148408	1268.54985	-2.03360792	0.09014189	6.91E-114	2.49E-111	CACNA1B
138151	ENSG00000148411	114.141467	0.46432826	0.23676636	0.01806868	0.067119	NACC2
254427	ENSG00000148426	39.9769396	3.23158147	0.45057086	5.32E-14	1.33E-12	PROSER2
9712	ENSG00000148429	725.539931	0.19791781	0.09208179	0.02660607	0.09138928	USP6NL
23412	ENSG00000148444	678.214576	0.02107377	0.09347369	0.81699937	0.91671007	COMMD3
22921	ENSG00000148450	926.989718	0.02386826	0.09210912	0.79349898	0.90556117	MSRB2
23590	ENSG00000148459	269.359636	-0.41694009	0.15296847	0.00302384	0.01523049	PDSS1
221061	ENSG00000148468	1744.97365	0.12556148	0.07065854	0.07060402	0.19275957	FAM171A1
80013	ENSG00000148481	468.757353	-0.31589996	0.13162759	0.01035013	0.04258823	MINDY3
221074	ENSG00000148482	0	NA	NA	NA	NA	SLC39A12
653567	ENSG00000148483	1.12281109	-0.04714939	0.38566392	0.3665206	NA	TMEM236
6251	ENSG00000148484	505.278246	0.57150169	0.11307075	1.41E-07	1.82E-06	RSU1
338596	ENSG00000148488	1.43982294	0.00381868	0.38005775	0.94901222	NA	ST8SIA6
56288	ENSG00000148498	1180.14916	-0.0190385	0.08221967	0.81127605	0.91456796	PARD3
91074	ENSG00000148513	0.33471731	0.02354391	0.38534154	0.62842204	NA	ANKRD30A
6935	ENSG00000148516	1377.77953	0.01496987	0.08123653	0.84746646	0.93065124	ZEB1
220965	ENSG00000148541	179.306472	-0.44341728	0.18684555	0.00731976	0.03207953	FAM13C
29982	ENSG00000148572	264.74368	-0.18676886	0.14542076	0.16398397	0.35325103	NRBF2
29974	ENSG00000148584	0.68892055	0.00490802	0.38130194	0.92401061	NA	A1CF
92211	ENSG00000148600	208.628343	-1.06890144	0.21210955	5.13E-08	7.05E-07	CDHR1
26103	ENSG00000148602	0	NA	NA	NA	NA	LRIT1
5995	ENSG00000148604	0	NA	NA	NA	NA	RGR
11128	ENSG00000148606	1652.13894	-0.28080017	0.06968015	4.01E-05	0.00033665	POLR3A
26091	ENSG00000148634	793.509968	0.15487803	0.10608014	0.12830985	0.29899782	HERC4
83938	ENSG00000148655	20.2736789	0.04465153	0.33045135	0.79462509	0.90579008	LRMDA
818	ENSG00000148660	1397.1048	0.07352167	0.07431453	0.31425842	0.54212505	CAMK2G
10974	ENSG00000148671	0	NA	NA	NA	NA	ADIRF
2746	ENSG00000148672	1764.86136	-0.27611381	0.082276	0.00057022	0.00362019	GLUD1
27063	ENSG00000148677	0	NA	NA	NA	NA	ANKRD1
3363	ENSG00000148680	0.16735865	0.01897177	0.38482933	0.78225479	NA	HTR7
10556	ENSG00000148688	320.13674	-0.06164517	0.12783884	0.60796527	0.79695264	RPP30
118924	ENSG00000148690	542.50492	0.10600862	0.14507947	0.4358257	0.66096789	FRA10AC1

120	ENSG00000148700	1075.3548	0.2859432	0.1135504	0.00821843	0.03534655	ADD3
3026	ENSG00000148702	0	NA	NA	NA	NA	HABP2
11023	ENSG00000148704	0	NA	NA	NA	NA	VAX1
54788	ENSG00000148719	633.430761	0.18283516	0.11604462	0.097453	0.24443331	DNAJB12
1979	ENSG00000148730	6548.47209	-0.11101675	0.0612034	0.06603835	0.18375052	EIF4EBP2
64106	ENSG00000148734	3.00414779	0.01684629	0.36924773	0.87523251	0.94499851	NPFFR1
79949	ENSG00000148735	0.16735865	0.01897177	0.38482933	0.78225479	NA	PLEKHS1
6934	ENSG00000148737	237.011836	0.90853375	0.18654762	1.58E-07	2.04E-06	TCF7L2
4288	ENSG00000148773	10512.8548	-0.75635392	0.05396845	2.65E-45	2.33E-43	MKI67
1586	ENSG00000148795	0	NA	NA	NA	NA	CYP17A1
9118	ENSG00000148798	3873.40384	-2.7089968	0.06014563	0	0	INA
282969	ENSG00000148803	120.99544	0.08960865	0.19010208	0.58882411	0.78351083	FUOM
80313	ENSG00000148814	182.582899	0.4691387	0.17786543	0.00328235	0.01632536	LRRC27
92170	ENSG00000148824	1279.21283	-0.02258668	0.08388437	0.78172697	0.90040424	MTG1
84504	ENSG00000148826	0.30002379	-0.02294466	0.38527539	0.6864438	NA	NKX6-2
196743	ENSG00000148832	44.4893293	0.11980286	0.27098293	0.5416374	0.750006	PAOX
9446	ENSG00000148834	605.248622	-0.05769438	0.10723194	0.57288499	0.7725692	GSTO1
6877	ENSG00000148835	310.864598	-0.22602005	0.13314152	0.06922163	0.18987379	TAF5
23082	ENSG00000148840	1683.9368	-0.03319545	0.07109183	0.63019025	0.81297489	PPRC1
85450	ENSG00000148841	392.882742	0.25054118	0.12766788	0.03699519	0.11835094	ITPRIP
54805	ENSG00000148842	608.03869	-0.55801293	0.12430587	2.32E-06	2.47E-05	CNNM2
22984	ENSG00000148843	3815.15944	-0.05934859	0.06058242	0.31926573	0.5469361	PDCD11
8038	ENSG00000148848	2564.99262	-1.93601746	0.0791536	2.84E-133	1.53E-130	ADAM12
6001	ENSG00000148908	72.4553689	0.13597625	0.25376313	0.48350003	0.70373712	RGS10
84280	ENSG00000148925	523.16077	-0.14244804	0.10987507	0.17482253	0.36867335	BTBD10
133	ENSG00000148926	52.9508049	-0.57790757	0.399238	0.02775815	0.09431781	ADM
2620	ENSG00000148935	81.2374504	0.78828621	0.28819582	0.00096365	0.00573279	GAS2
159963	ENSG00000148942	0.33471731	0.02354391	0.38534154	0.62842204	NA	SLC5A12
55327	ENSG00000148943	518.019265	-0.51052297	0.11047958	1.45E-06	1.60E-05	LIN7C
57689	ENSG00000148948	10.9342917	0.1027082	0.35736179	0.52164463	0.73494218	LRRC4C
196294	ENSG00000148950	124.988643	-0.39878826	0.20730872	0.02488861	0.08684313	IMMP1L
6291	ENSG00000148965	0	NA	NA	NA	NA	SAA4
27315	ENSG00000148985	542.84796	0.15259907	0.10453568	0.12893964	0.30021857	PGAP2
64852	ENSG00000149016	769.138924	0.05439249	0.1062264	0.5948493	0.78787011	TUT1
7356	ENSG00000149021	0	NA	NA	NA	NA	SCGB1A1
90019	ENSG00000149043	17.8641785	-0.50776693	0.62119969	0.04558651	0.13856846	SYT8
7761	ENSG00000149050	88.6395329	0.06072086	0.25758793	0.75286397	0.8843065	ZNF214
7762	ENSG00000149054	0.78122969	0.00103505	0.38149724	0.98289957	NA	ZNF215

51144	ENSG00000149084	815.704551	-0.26866314	0.09778099	0.00437054	0.0208191	HSD17B12
51074	ENSG00000149089	303.998664	0.14515128	0.13774601	0.25881506	0.48030339	APIP
25891	ENSG00000149090	2.03544701	0.03351314	0.37964023	0.57428394	NA	PAMR1
8525	ENSG00000149091	1367.17884	-0.30980715	0.08824804	0.0002978	0.00203244	DGKZ
10480	ENSG00000149100	2533.82095	0.05046245	0.06417876	0.42559098	0.65142147	EIF3M
85456	ENSG00000149115	958.806484	-0.13952779	0.10757248	0.17572149	0.36993999	TNKS1BP1
10249	ENSG00000149124	1.23759164	0.06131861	0.39085027	0.17525616	NA	GLYAT
710	ENSG00000149131	244.87328	1.80962876	0.17027123	1.66E-27	8.64E-26	SERPING1
338674	ENSG00000149133	0	NA	NA	NA	NA	OR5F1
6749	ENSG00000149136	6828.43902	-0.17651389	0.05411571	0.00096607	0.005742	SSRP1
8501	ENSG00000149150	193.621859	0.01574753	0.16931431	0.91878396	0.96558446	SLC43A1
5795	ENSG00000149177	284.009768	0.23205635	0.16608347	0.12106754	0.28721511	PTPRJ
79096	ENSG00000149179	748.978004	0.50726348	0.10666531	7.63E-07	8.80E-06	C11orf49
84364	ENSG00000149182	1230.25489	-0.0493025	0.07613769	0.50818231	0.72394177	ARFGAP2
10658	ENSG00000149187	3810.15125	-0.11267434	0.06475272	0.07698188	0.2054507	CELF1
51501	ENSG00000149196	561.737929	-0.03162861	0.10251384	0.74612309	0.8804068	HIKESHI
60494	ENSG00000149201	18.4141217	0.36878002	0.44269676	0.10850528	0.2643325	CCDC81
143686	ENSG00000149212	692.850799	-0.22136164	0.11740098	0.04689316	0.14175837	SESN3
23052	ENSG00000149218	106.21832	-0.46835211	0.22420008	0.01341046	0.0527799	ENDOD1
79780	ENSG00000149231	981.746675	-0.37929532	0.1090603	0.00027481	0.00189053	CCDC82
283212	ENSG00000149243	94.5346901	0.37847337	0.23893076	0.05217845	0.1539026	KLHL35
26011	ENSG00000149256	5028.42669	0.26270838	0.08567475	0.00162673	0.00900259	TENM4
871	ENSG00000149257	2584.77616	0.76216039	0.06722038	1.82E-30	1.06E-28	SERPINH1
726	ENSG00000149260	616.475378	-0.05967824	0.11418308	0.58284747	0.77951315	CAPN5
92105	ENSG00000149262	759.313159	0.22074379	0.09851143	0.02017837	0.07342972	INTS4
5058	ENSG00000149269	706.433433	0.12997858	0.10825054	0.21031095	0.41893265	PAK1
6188	ENSG00000149273	23137.6585	-0.20944104	0.04912619	1.69E-05	0.00015358	RPS3
85463	ENSG00000149289	906.847917	0.83409468	0.10417176	2.10E-16	6.28E-15	ZC3H12C
54970	ENSG00000149292	232.233933	0.04236591	0.15219674	0.7642974	0.89148768	TTC12
4684	ENSG00000149294	3401.7132	-1.43748432	0.07035648	4.36E-93	1.24E-90	NCAM1
1813	ENSG00000149295	794.33448	-2.51194411	0.10820529	2.18E-120	8.84E-118	DRD2
91894	ENSG00000149300	0.34746601	0.02370763	0.3853651	0.61987128	NA	C11orf52
9177	ENSG00000149305	2.34842905	0.15776707	0.42873771	0.03308935	NA	HTR3B
4863	ENSG00000149308	596.523116	-0.21563122	0.10708553	0.03546267	0.11446692	NPAT
472	ENSG00000149311	2588.94007	0.08507896	0.07301984	0.23537319	0.45219979	ATM
60496	ENSG00000149313	1587.13352	-0.34128552	0.08230342	2.08E-05	0.00018659	AASDHPPT
89944	ENSG00000149328	660.06708	0.02158976	0.09622175	0.81754274	0.91685309	GLB1L2
128710	ENSG00000149346	327.545853	-0.14672671	0.13820352	0.25402046	0.47451017	SLX4IP

55004	ENSG00000149357	1196.11286	0.11964905	0.08722218	0.15893415	0.3463211	LAMTOR1
283208	ENSG00000149380	1.17947757	0.01850914	0.38013115	0.77237192	NA	P4HA3
2900	ENSG00000149403	171.504736	-2.55408642	0.20654858	2.82E-36	1.98E-34	GRIK4
6768	ENSG00000149418	0.94185167	-0.02000688	0.38110359	0.73516374	NA	ST14
10525	ENSG00000149428	6233.95169	0.3971878	0.10056769	4.25E-05	0.00035498	HYOU1
92086	ENSG00000149435	0	NA	NA	NA	NA	GGTLC1
NA	ENSG00000149443	0	NA	NA	NA	NA	SCP2D1-AS1
80332	ENSG00000149451	0.173733	0.01914545	0.38484597	0.78225479	NA	ADAM33
9376	ENSG00000149452	0.173733	0.01914545	0.38484597	0.78225479	NA	SLC22A8
57325	ENSG00000149474	444.231565	-0.03787253	0.14050462	0.77080899	0.89494676	KAT14
26007	ENSG00000149476	1284.64518	0.24465713	0.08075051	0.0019101	0.01027001	TKFC
9219	ENSG00000149480	2829.03533	0.04935703	0.06155504	0.41702552	0.64347381	MTA2
51524	ENSG00000149483	439.224076	-0.23580105	0.12108013	0.03942546	0.12409621	TMEM138
3992	ENSG00000149485	3857.92629	-0.38238401	0.06958339	2.05E-08	2.98E-07	FADS1
117532	ENSG00000149488	6.95584252	0.19085767	0.41982949	0.18209352	0.37980817	TMC2
6094	ENSG00000149489	32.9452239	-0.22383258	0.36207073	0.26221441	0.48416323	ROM1
256364	ENSG00000149499	860.601191	0.05714263	0.09400905	0.53096763	0.74257279	EML3
3619	ENSG00000149503	2273.74309	-0.23779112	0.06708895	0.00031232	0.00212474	INCENP
22917	ENSG00000149506	0.173733	0.01914545	0.38484597	0.78225479	NA	ZP1
219990	ENSG00000149507	0	NA	NA	NA	NA	OOSP2
932	ENSG00000149516	0	NA	NA	NA	NA	MS4A3
9651	ENSG00000149527	376.88182	-1.96604668	0.15495087	3.87E-38	2.84E-36	PLCH2
NA	ENSG00000149531	110.123315	-0.02974112	0.19765599	0.86034925	0.93787522	FRG1BP
79869	ENSG00000149532	2576.56041	-0.05646385	0.07556641	0.44410473	0.66905081	CPSF7
2206	ENSG00000149534	0	NA	NA	NA	NA	MS4A2
26229	ENSG00000149541	935.776021	0.24792288	0.10646378	0.01511446	0.05803579	B3GAT3
9538	ENSG00000149547	1964.90261	-0.21304413	0.06625529	0.00107611	0.00628684	EI24
80071	ENSG00000149548	164.679269	0.18172465	0.18072131	0.25529814	0.47622369	CCDC15
1111	ENSG00000149554	1068.16648	-0.28718578	0.08676165	0.00065692	0.0040857	CHEK1
9638	ENSG00000149557	730.929749	-1.39033799	0.10431313	1.49E-41	1.16E-39	FEZ1
105369550	ENSG00000149557	730.929749	-1.39033799	0.10431313	1.49E-41	1.16E-39	FEZ1
90952	ENSG00000149564	32.9163073	0.2872443	0.33649164	0.18638905	0.38610218	ESAM
84623	ENSG00000149571	246.209805	-0.37724237	0.15576045	0.0080762	0.03481275	KIRREL3
10205	ENSG00000149573	0	NA	NA	NA	NA	MPZL2
6327	ENSG00000149575	18.5791846	0.14621626	0.33746109	0.44032175	0.66517856	SCN2B
51092	ENSG00000149577	403.899749	0.27208653	0.14382371	0.04078426	0.12718637	SIDT2
84866	ENSG00000149582	454.557365	0.11045837	0.11502722	0.31421498	0.54212505	TMEM25
6876	ENSG00000149591	54.3193354	0.92321926	0.36597761	0.00122922	0.00706277	TAGLN

57158	ENSG00000149596	3.13556017	-0.0820709	0.38527045	0.3672852	0.59650772	JPH2
128853	ENSG00000149599	137.62461	-1.01145652	0.22278816	6.78E-07	7.90E-06	DUSP15
149951	ENSG00000149600	506.673921	-0.05298081	0.10584487	0.60179257	0.79216856	COMMD7
128864	ENSG00000149609	13.73156	0.01573984	0.3291393	0.92865134	0.97011965	C20orf144
85449	ENSG00000149633	101.753725	0.9125145	0.25668692	4.94E-05	0.00040406	KIAA1755
128497	ENSG00000149634	32.6054919	0.32985968	0.34844328	0.141556	0.3199443	SPATA25
128506	ENSG00000149635	0	NA	NA	NA	NA	OCSTAMP
79980	ENSG00000149636	472.713153	-0.06552019	0.11287591	0.54298178	0.75099868	DSN1
140710	ENSG00000149639	4781.16163	-0.15670332	0.06455669	0.01365173	0.05351717	SOGA1
140894	ENSG00000149646	30.9115366	0.09237365	0.30097951	0.63352889	0.81495647	CNBD2
391253	ENSG00000149651	0	NA	NA	NA	NA	SPINT4
64405	ENSG00000149654	9.80686136	-4.19422789	1.22181032	0.00010721	0.00080972	CDH22
NA	ENSG00000149656	0.51086009	-0.01927154	0.38352315	0.70504665	NA	LINC00266-1
149986	ENSG00000149657	1698.58404	-0.09494148	0.07148058	0.17604032	0.37037488	LSM14B
54915	ENSG00000149658	1071.98548	-0.16277345	0.08126484	0.04010216	0.12563191	YTHDF1
81928	ENSG00000149679	513.011205	0.2810504	0.13984994	0.03062186	0.10197567	CABLES2
220064	ENSG00000149716	447.496178	-0.08176781	0.11998331	0.4721051	0.69438543	LTO1
170589	ENSG00000149735	0	NA	NA	NA	NA	GPHA2
114571	ENSG00000149742	0	NA	NA	NA	NA	SLC22A9
83707	ENSG00000149743	442.94398	0.15885038	0.11681536	0.15386018	0.33895025	TRPT1
84304	ENSG00000149761	426.352121	0.22586289	0.14172219	0.0856067	0.22219218	NUDT22
83706	ENSG00000149781	8.66698231	-0.06947315	0.36178602	0.60805761	0.79695264	FERMT3
5331	ENSG00000149782	1288.65493	-0.12148537	0.08400436	0.13775812	0.31361113	PLCB3
740	ENSG00000149792	938.774626	-0.20187054	0.11313406	0.06069469	0.17286574	MRPL49
10435	ENSG00000149798	75.9470851	0.29515716	0.29703375	0.16579837	0.35599996	CDC42EP2
2197	ENSG00000149806	4588.20042	0.07973433	0.05585251	0.14937576	0.33213215	FAU
7108	ENSG00000149809	821.267887	-0.19454686	0.10370731	0.05074372	0.15068933	TM7SF2
738	ENSG00000149823	2471.98153	-0.09798057	0.07891063	0.20397394	0.41051388	VPS51
6911	ENSG00000149922	69.1112025	0.28277279	0.26184266	0.16133332	0.34958987	TBX6
5531	ENSG00000149923	2805.85129	0.1298118	0.06840222	0.05377541	0.15733729	PPP4C
226	ENSG00000149925	6229.78811	-0.21199243	0.07623715	0.00454984	0.02148745	ALDOA
83723	ENSG00000149926	1634.90176	-0.7065131	0.08281192	3.35E-18	1.13E-16	TLCD3B
8448	ENSG00000149927	185.253303	0.29401302	0.16645472	0.05007306	0.1491442	DOC2A
8479	ENSG00000149929	917.297877	-0.31300014	0.09335934	0.00052372	0.00335719	HIRIP3
9344	ENSG00000149930	1549.49726	-0.06146513	0.07741253	0.41668246	0.64309452	TAOK2
124446	ENSG00000149932	638.744193	0.2332072	0.10874762	0.02498256	0.08712497	TMEM219
8091	ENSG00000149948	0	NA	NA	NA	NA	HMGA2
4314	ENSG00000149968	0	NA	NA	NA	NA	MMP3

22866	ENSG00000149970	188.766581	-0.25747284	0.25720129	0.19350306	0.39626941	CNKS2R2
53942	ENSG00000149972	9.62175875	-1.71143157	0.97444379	0.00298081	0.01504431	CNTN5
51348	ENSG00000150045	0.16735865	0.01897177	0.38482933	0.78225479	NA	KLRF1
51267	ENSG00000150048	0	NA	NA	NA	NA	CLEC1A
283078	ENSG00000150051	0	NA	NA	NA	NA	MKX
143098	ENSG00000150054	0.34113261	0.0236267	0.38535342	0.6240938	NA	MPP7
3688	ENSG00000150093	8399.74718	0.14991124	0.04790113	0.00160561	0.00889812	ITGB1
NA	ENSG00000150175	0	NA	NA	NA	NA	FRMPD2B
53828	ENSG00000150201	0	NA	NA	NA	NA	FXD4
79097	ENSG00000150244	0	NA	NA	NA	NA	TRIM48
390157	ENSG00000150261	0	NA	NA	NA	NA	OR8K1
390162	ENSG00000150269	0	NA	NA	NA	NA	OR5M9
65217	ENSG00000150275	3.97022521	0.02968007	0.37056272	0.77464727	0.89613481	PCDH15
NA	ENSG00000150276	0	NA	NA	NA	NA	PPIAP26
1489	ENSG00000150281	36.4981409	0.49563597	0.37845247	0.04696181	0.14179583	CTF1
51503	ENSG00000150316	519.667729	-0.0346621	0.1175703	0.75581559	0.88640901	CWC15
2209	ENSG00000150337	0	NA	NA	NA	NA	FCGR1A
84159	ENSG00000150347	720.325581	-0.878844	0.10264118	1.81E-18	6.25E-17	ARID5B
57626	ENSG00000150361	0.173733	0.01914545	0.38484597	0.78225479	NA	KLHL1
1006	ENSG00000150394	3.21230678	0.06076682	0.38143753	0.44542981	0.67025615	CDH8
55208	ENSG00000150401	595.235897	-0.10143639	0.13958535	0.43621865	0.6612819	DCUN1D2
55002	ENSG00000150403	1099.33353	0.01995599	0.08850197	0.81748419	0.91685309	TMCO3
219854	ENSG00000150433	437.671538	0.10404891	0.11521714	0.34387995	0.57419443	TMEM218
114609	ENSG00000150455	275.523825	-0.14356486	0.16024845	0.32290678	0.55059885	TIRAP
221143	ENSG00000150456	60.9830237	-0.19137472	0.26006148	0.33060116	0.55938713	EEF1AKMT1
26524	ENSG00000150457	0	NA	NA	NA	NA	LATS2
10284	ENSG00000150459	1016.88807	0.03605168	0.0941198	0.69343428	0.85183585	SAP18
23284	ENSG00000150471	113.538179	-0.27804014	0.25655953	0.16093542	0.34896869	ADGRL3
57536	ENSG00000150477	243.566481	-0.02645455	0.15151777	0.84823822	0.93095493	KIAA1328
220108	ENSG00000150510	213.376425	0.12769109	0.15888483	0.37755917	0.60636177	FAM124A
4253	ENSG00000150527	150.2633	0.02068229	0.18511665	0.89852637	0.95556135	MIA2
3176	ENSG00000150540	0.46100927	0.00464453	0.38317317	0.96931797	NA	HNMT
116372	ENSG00000150551	8.27530393	0.28133188	0.4872365	0.08722692	0.22548301	LYPD1
130576	ENSG00000150556	6.39079761	-0.05161616	0.3589517	0.70659649	0.85861856	LYPD6B
27250	ENSG00000150593	1327.0627	0.22389631	0.08908346	0.00964702	0.04029407	PDCD4
150	ENSG00000150594	0.82167337	0.01148781	0.38170777	0.82204659	NA	ADRA2A
2823	ENSG00000150625	24.3978374	4.82530832	1.00121837	1.52E-08	2.23E-07	GPM6A
116966	ENSG00000150627	628.642236	0.26894762	0.12265799	0.02036824	0.07391569	WDR17

132851	ENSG00000150628	3.86742618	0.01005886	0.36545111	0.93251717	0.97195497	SPATA4
7424	ENSG00000150630	0	NA	NA	NA	NA	VEGFC
79839	ENSG00000150636	63.0144628	-0.27054218	0.26443078	0.17986338	0.37654209	CCDC102B
10666	ENSG00000150637	9.13821423	-3.260779	1.13517386	0.00021533	0.00151978	CD226
84735	ENSG00000150656	0.37844916	0.02407552	0.3854191	0.60038877	NA	CNDP1
161835	ENSG00000150667	18.7228239	-0.19692987	0.35530971	0.31373463	0.54159326	FSIP1
1740	ENSG00000150672	43.8240852	1.1758565	0.42643256	0.00046166	0.00301222	DLG2
220047	ENSG00000150676	0	NA	NA	NA	NA	CCDC83
64407	ENSG00000150681	0	NA	NA	NA	NA	RGS18
11098	ENSG00000150687	30.9840434	0.41641523	0.45622892	0.08150516	0.21429626	PRSS23
54545	ENSG00000150712	526.717251	0.19721816	0.11794667	0.07828905	0.20807163	MTMR12
151242	ENSG00000150722	3.54436604	0.01851122	0.36752451	0.86893157	0.94277602	PPP1R1C
NA	ENSG00000150732	0	NA	NA	NA	NA	
341032	ENSG00000150750	0	NA	NA	NA	NA	C11orf53
22948	ENSG00000150753	7396.5569	-0.15817557	0.06683815	0.01764576	0.06585625	CCT5
134145	ENSG00000150756	243.271132	-0.12104311	0.15778134	0.39833981	0.62727695	ATPSCCKMT
1793	ENSG00000150760	1873.25905	0.20979604	0.06719308	0.00150683	0.00841417	DOCK1
85458	ENSG00000150764	855.214867	-0.11507988	0.09325814	0.20233871	0.40788457	DIXDC1
1737	ENSG00000150768	1103.26953	-0.03474542	0.0835424	0.66934053	0.83727912	DLAT
120379	ENSG00000150773	19.2326377	0.30497897	0.42995678	0.14620201	0.32701731	PIH1D2
55216	ENSG00000150776	1084.91566	-0.21048668	0.10465042	0.0359948	0.11585132	NKAPD1
26521	ENSG00000150779	948.706418	-0.19255667	0.09135372	0.02954089	0.09920298	TIMM8B
3606	ENSG00000150782	0.34112095	0.02362661	0.38535341	0.62409997	NA	IL18
56158	ENSG00000150783	0.82706411	-8.73E-06	0.38068677	0.99954138	NA	TEX12
5805	ENSG00000150787	343.489692	-0.13240581	0.12400188	0.25812032	0.47950441	PTS
5305	ENSG00000150867	378.748828	0.30928393	0.15145264	0.02599538	0.08974218	PIP4K2A
130813	ENSG00000150873	13.9508087	0.23462387	0.41582978	0.19070572	0.39208305	C2orf50
341640	ENSG00000150893	64.1987158	4.85970637	0.4835342	2.37E-24	1.10E-22	FREM2
2308	ENSG00000150907	61.1380131	2.65200836	0.35287607	4.11E-15	1.13E-13	FOXO1
51232	ENSG00000150938	0.78623954	-0.00672434	0.38158221	0.89598968	NA	CRIM1
9871	ENSG00000150961	1304.99227	0.63805262	0.08299176	3.69E-15	1.02E-13	SEC24D
23457	ENSG00000150967	93.8334739	0.15538072	0.24901038	0.41974526	0.64566181	ABCB9
196383	ENSG00000150977	119.302312	0.69805889	0.21740998	0.00027555	0.00189427	RILPL2
57647	ENSG00000150990	619.799095	0.13774305	0.10203265	0.16095784	0.34896869	DHX37
7316	ENSG00000150991	15311.6131	-0.15459967	0.04701257	0.00091463	0.00548556	UBC
3708	ENSG00000150995	2900.36365	-0.01608563	0.06707129	0.80718517	0.91260538	ITPR1
84076	ENSG00000151005	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TKTL2
339105	ENSG00000151006	241.257434	0.6145476	0.21958267	0.00128269	0.00732544	PRSS53

23657	ENSG00000151012	124.786585	2.92460947	0.81721611	1.39E-05	0.00012872	SLC7A11
25819	ENSG00000151014	184.326484	-0.47241238	0.18565987	0.00419245	0.02007682	NOCT
219670	ENSG00000151023	3.54673989	0.06974561	0.37815918	0.50737287	0.72330803	ENKUR
57512	ENSG00000151025	18.7655004	-2.9716497	0.78525201	8.58E-06	8.26E-05	GPR158
119180	ENSG00000151033	0	NA	NA	NA	NA	LYZL2
93589	ENSG00000151062	2.29108476	-0.01937071	0.37847798	0.76547426	NA	CACNA2D4
196513	ENSG00000151065	307.744815	0.10729219	0.13088691	0.38243767	0.61165364	DCP1B
775	ENSG00000151067	605.661902	-1.10901539	0.17067154	7.33E-12	1.58E-10	CACNA1C
100874369	ENSG00000151067	605.661902	-1.10901539	0.17067154	7.33E-12	1.58E-10	CACNA1C
3742	ENSG00000151079	0	NA	NA	NA	NA	KCNA6
7068	ENSG00000151090	30.0394022	-0.39843209	0.38455172	0.09149615	0.23350704	THRB
55768	ENSG00000151092	375.437441	0.1204411	0.1237202	0.30373479	0.53107413	NGLY1
54995	ENSG00000151093	149.806604	-0.41684488	0.19190038	0.01327324	0.05232288	OXSM
55293	ENSG00000151116	200.439161	0.08206708	0.18698501	0.6164172	0.80326549	UEVLD
144110	ENSG00000151117	108.812968	0.41924332	0.21816133	0.02334409	0.08246914	TMEM86A
121053	ENSG00000151131	499.471753	-0.06888144	0.11917205	0.5422026	0.75027258	C12orf45
90488	ENSG00000151135	925.893191	-0.025382	0.08826982	0.76673014	0.89256152	TMEM263
121551	ENSG00000151136	653.261822	-1.29966612	0.10944903	1.56E-33	9.98E-32	BTBD11
89910	ENSG00000151148	1432.78817	0.10736739	0.08038892	0.17196293	0.36454157	UBE3B
288	ENSG00000151150	295.293845	-1.42007417	0.17463099	3.57E-17	1.12E-15	ANK3
253430	ENSG00000151151	388.057697	-0.55446019	0.1236793	2.44E-06	2.59E-05	IPMK
144715	ENSG00000151164	11.2833665	0.16785902	0.39777547	0.25960726	0.48121669	RAD9B
196463	ENSG00000151176	758.665327	-0.08545411	0.09739533	0.36378321	0.59354103	PLBD2
9231	ENSG00000151208	3985.12963	0.20495899	0.06313635	0.00098328	0.00582682	DLG5
4143	ENSG00000151224	7.74968025	0.43438856	0.66233025	0.04277939	0.13222358	MAT1A
114134	ENSG00000151229	294.230216	0.06950132	0.1672981	0.64443374	0.822478	SLC2A13
283464	ENSG00000151233	803.387328	0.07529914	0.10767747	0.46673528	0.68965725	GXYLT1
5756	ENSG00000151239	1057.49435	-0.00815952	0.10402275	0.93412926	0.97251008	TWF1
22982	ENSG00000151240	1020.6598	-0.07121714	0.08319061	0.38023078	0.60925365	DIP2C
1977	ENSG00000151247	1334.72969	-0.2471891	0.11088455	0.01944564	0.07132585	EIF4E
9223	ENSG00000151276	2360.7473	0.05035929	0.07911369	0.51592224	0.73004045	MAGI1
93081	ENSG00000151287	245.251941	-0.08272441	0.14640477	0.54008621	0.748907	TEX30
1456	ENSG00000151292	868.867749	-0.07331021	0.08787522	0.39077053	0.62011007	CSNK1G3
NA	ENSG00000151303	2.54833488	0.13235516	0.41702184	0.01999829	NA	
153443	ENSG00000151304	152.147098	-0.01156179	0.17507389	0.93969533	0.97474024	SRFBP1
9472	ENSG00000151320	380.154328	-0.73196487	0.17606236	6.41E-06	6.32E-05	AKAP6
64067	ENSG00000151322	15.2685081	1.45778782	0.78925623	0.00288418	0.01463366	NPAS3
283635	ENSG00000151327	544.3645	0.03865558	0.10720314	0.7082285	0.85971939	FAM177A1

51562	ENSG00000151332	235.882861	0.20036259	0.15158412	0.14913793	0.33171487	MBIP
145282	ENSG00000151338	0.6040165	-0.03154773	0.38596638	0.58767911	NA	MIPOL1
2132	ENSG00000151348	1200.10883	0.01544967	0.09096184	0.86255773	0.93899493	EXT2
129787	ENSG00000151353	816.340014	-0.0839049	0.10785528	0.41640023	0.64306408	TMEM18
55821	ENSG00000151360	3.96826624	-0.04589152	0.36957332	0.6820025	0.84478552	ALLC
65987	ENSG00000151364	5.62700283	0.05161765	0.36216265	0.69844814	0.85459212	KCTD14
7069	ENSG00000151365	0	NA	NA	NA	NA	THRSP
4718	ENSG00000151366	1426.25848	0.08598316	0.08563864	0.3029537	0.53022242	NDUFC2
10873	ENSG00000151376	241.658898	0.00601229	0.17452705	0.97039688	0.98888633	ME3
343930	ENSG00000151379	0	NA	NA	NA	NA	MSGN1
81792	ENSG00000151388	61.7879994	0.95342765	0.45119997	0.00279151	0.01425209	ADAMTS12
80224	ENSG00000151413	190.179937	-0.21140453	0.18394298	0.18986048	0.39103414	NUBPL
140609	ENSG00000151414	652.5797	0.54193133	0.10840431	2.02E-07	2.56E-06	NEK7
127124	ENSG00000151418	0.16735865	0.01897177	0.38482933	0.78225479	NA	ATP6V1G3
2241	ENSG00000151422	960.801092	-0.28157347	0.09889728	0.00311984	0.01566633	FER
63894	ENSG00000151445	587.86549	-0.09014959	0.10837621	0.38418125	0.61330512	VIPAS39
57182	ENSG00000151458	1093.21694	-0.05538481	0.08479715	0.50319927	0.72004858	ANKRD50
26019	ENSG00000151461	853.8865	0.100553	0.09065576	0.25386062	0.47439002	UPF2
8872	ENSG00000151465	1697.78205	0.02822967	0.07153847	0.68829476	0.8486324	CDC123
132320	ENSG00000151466	354.464282	-0.25855488	0.13087314	0.03475029	0.11270978	SCLT1
83643	ENSG00000151468	66.1118222	0.29183692	0.26444475	0.15081999	0.33448181	CCDC3
132321	ENSG00000151470	100.509235	0.01276543	0.23147108	0.94652587	0.97814213	C4orf33
55691	ENSG00000151474	903.106133	-0.56802001	0.1183735	5.08E-07	6.06E-06	FRMD4A
83447	ENSG00000151475	0	NA	NA	NA	NA	SLC25A31
5800	ENSG00000151490	487.312368	0.21122103	0.11994407	0.06308583	0.17804949	PTPRO
2059	ENSG00000151491	181.960232	0.43640585	0.19400605	0.01031584	0.04247068	EPS8
27034	ENSG00000151498	631.423117	-0.10790772	0.09953579	0.26080448	0.48273755	ACAD8
29087	ENSG00000151500	520.723651	0.16596178	0.13422447	0.18690901	0.38676207	THYN1
112936	ENSG00000151502	2392.88607	-0.38422172	0.06512342	2.03E-09	3.35E-08	VPS26B
23310	ENSG00000151503	2470.46485	-0.37463124	0.08964372	1.64E-05	0.0001499	NCAPD3
143187	ENSG00000151532	493.356439	-0.4889677	0.11611546	1.02E-05	9.64E-05	VTI1A
5860	ENSG00000151552	793.232585	0.16933859	0.09042942	0.05388654	0.15759272	QDPR
57700	ENSG00000151553	484.621669	-0.05097294	0.13951973	0.69357557	0.85183585	FAM160B1
121601	ENSG00000151572	1.53769215	0.11260496	0.40669265	0.05481322	NA	ANO4
374618	ENSG00000151575	140.824795	0.18074645	0.1823721	0.26024418	0.48209565	TEX9
79691	ENSG00000151576	560.697549	-0.04718129	0.14086591	0.7162296	0.86335715	QTRT2
1814	ENSG00000151577	0.34624801	-0.02356563	0.38536324	0.65270996	NA	DRD3
166785	ENSG00000151611	93.6189627	0.08391046	0.21442549	0.6393569	0.8190109	MMAA

152485	ENSG00000151612	837.109805	-0.10464891	0.11263808	0.33002046	0.55861736	ZNF827
5458	ENSG00000151615	43.443629	-2.48719404	0.45544778	3.13E-09	5.03E-08	POU4F2
1909	ENSG00000151617	124.680464	1.81443918	0.23284589	5.11E-16	1.48E-14	EDNRA
4306	ENSG00000151623	14.2639712	2.53760751	1.05045036	0.00050736	0.00326926	NR3C2
NA	ENSG00000151631	0	NA	NA	NA	NA	AKR1C6P
1646	ENSG00000151632	2.85994077	-0.01180014	0.37293934	0.89625569	0.95469109	AKR1C2
10570	ENSG00000151640	2252.36716	0.07968075	0.06417942	0.20812899	0.41567135	DPYSL4
27287	ENSG00000151650	0	NA	NA	NA	NA	VENTX
101	ENSG00000151651	20.6681421	1.57045965	0.63078615	0.00063447	0.00396757	ADAM8
3698	ENSG00000151655	0.95429709	0.0026938	0.38167118	0.95671165	NA	ITIH2
22944	ENSG00000151657	291.941728	0.01868133	0.16529455	0.9014782	0.95673063	KIN
5281	ENSG00000151665	490.87608	-0.11250167	0.11576759	0.30715461	0.5346975	PIGF
150709	ENSG00000151687	42.1664356	-0.02178334	0.28739123	0.90719047	0.95963244	ANKAR
3628	ENSG00000151689	200.735043	0.28614293	0.16921675	0.05955476	0.17018096	INPP1
54842	ENSG00000151690	628.203601	-0.13366609	0.10756108	0.19316744	0.39591344	MFSD6
9781	ENSG00000151692	2272.19296	0.09765469	0.07209198	0.16809075	0.35916008	RNF144A
8853	ENSG00000151693	2601.66634	0.13025326	0.06616027	0.04534567	0.1379632	ASAP2
6868	ENSG00000151694	1613.70957	-0.01972344	0.08199113	0.80586073	0.91210433	ADAM17
2313	ENSG00000151702	5.13982123	2.37764317	1.7364849	0.00674745	0.02998195	FLI1
3758	ENSG00000151704	0.36009051	0.02384153	0.38538488	0.61230064	NA	KCNJ1
120224	ENSG00000151715	151.152408	-0.66638198	0.20138236	0.00021158	0.00149653	TMEM45B
80014	ENSG00000151718	840.962534	0.4979271	0.09493121	6.31E-08	8.55E-07	WWC2
79682	ENSG00000151725	1275.44261	-0.44090938	0.08662167	1.69E-07	2.17E-06	CENPU
2180	ENSG00000151726	1266.11564	-0.42543128	0.09042711	1.24E-06	1.39E-05	ACSL1
291	ENSG00000151729	907.81997	-0.32800155	0.08830204	0.00012992	0.00096106	SLC25A4
196394	ENSG00000151743	154.186753	-0.33981682	0.18294422	0.03529445	0.11406449	AMN1
636	ENSG00000151746	1125.32895	-0.10307878	0.09125161	0.2438901	0.4622449	BICD1
60485	ENSG00000151748	418.493376	0.2040817	0.13347826	0.10207811	0.25315371	SAV1
160857	ENSG00000151773	91.9236531	-0.03925016	0.21606105	0.82475082	0.92041041	CCDC122
387923	ENSG00000151778	157.207275	-0.60232283	0.19128234	0.00044156	0.00289698	SERP2
51594	ENSG00000151779	1163.10664	0.24556699	0.09123181	0.00549811	0.02523887	NBAS
79750	ENSG00000151789	322.597755	0.08299541	0.1900652	0.616327	0.80326549	ZNF385D
6999	ENSG00000151790	0	NA	NA	NA	NA	TDO2
60558	ENSG00000151806	745.980851	0.18792096	0.09680667	0.0447907	0.13658891	GUF1
341880	ENSG00000151812	0.173733	0.01914545	0.38484597	0.78225479	NA	SLC35F4
2555	ENSG00000151834	0	NA	NA	NA	NA	GABRA2
26278	ENSG00000151835	3012.18248	-0.61693612	0.06943023	1.75E-19	6.36E-18	SACS
729665	ENSG00000151838	0.16735865	0.01897177	0.38482933	0.78225479	NA	CCDC175

5042	ENSG00000151846	0	NA	NA	NA	NA	PABPC3
55835	ENSG00000151849	890.576781	0.15452848	0.1145105	0.15704549	0.34380314	CENPJ
26272	ENSG00000151876	68.2138353	0.18762143	0.27683445	0.3515535	0.58167138	FBXO4
64417	ENSG00000151881	102.217712	0.3618687	0.32044907	0.10476413	0.25791293	TMEM267
56477	ENSG00000151882	0	NA	NA	NA	NA	CCL28
79668	ENSG00000151883	647.60286	0.04585015	0.10026304	0.63639617	0.81722218	PARP8
2674	ENSG00000151892	34.5026604	0.54747131	0.45128092	0.04066919	0.12692727	GFRA1
143384	ENSG00000151893	1362.02754	-0.0545239	0.08080479	0.48718119	0.70702032	CACUL1
667	ENSG00000151914	5724.095	0.28866969	0.06857832	1.83E-05	0.00016581	DST
221336	ENSG00000151917	106.093206	0.03269966	0.23432414	0.86187344	0.93871152	BEND6
7073	ENSG00000151923	1844.3605	-0.10943603	0.07892887	0.15586211	0.34203123	TIAL1
9531	ENSG00000151929	304.371164	0.06798305	0.14715496	0.61774348	0.80430703	BAG3
144423	ENSG00000151948	5.68429783	1.59813158	1.72513822	0.00797517	0.03441221	GLT1D1
121256	ENSG00000151952	0	NA	NA	NA	NA	TMEM132D
166863	ENSG00000151962	0	NA	NA	NA	NA	RBM46
NA	ENSG00000151963	0.173733	0.01914545	0.38484597	0.78225479	NA	ZNF37CP
29970	ENSG00000151967	1882.76643	0.51513765	0.08309505	2.18E-10	4.05E-09	SCHIP1
84539	ENSG00000152034	0	NA	NA	NA	NA	MCHR2
23704	ENSG00000152049	0.55157499	0.01184175	0.38326009	0.75076895	NA	KCNE4
130340	ENSG00000152056	95.1864567	0.14901441	0.21957608	0.41030527	0.63815925	AP1S3
9910	ENSG00000152061	418.306379	-0.17274519	0.15338735	0.21861557	0.43050004	RABGAP1L
91409	ENSG00000152076	188.571013	0.53358152	0.19675862	0.00214136	0.01134469	CCDC74B
148534	ENSG00000152078	192.248734	-0.1294197	0.16931118	0.39308045	0.62215525	TLCD4
80097	ENSG00000152082	2911.01149	0.01322421	0.06556614	0.84047006	0.92760529	MZT2B
112714	ENSG00000152086	9.31314226	0.03801839	0.34324449	0.81252298	0.91507108	TUBA3E
460	ENSG00000152092	242.942924	-1.35847589	0.17217785	2.77E-16	8.20E-15	ASTN1
653275	ENSG00000152093	0	NA	NA	NA	NA	CFC1B
130074	ENSG00000152102	5653.819	0.04785081	0.04949745	0.32995163	0.55861736	FAM168B
5784	ENSG00000152104	235.381172	3.10269057	0.19089245	1.65E-60	2.20E-58	PTPN14
150776	ENSG00000152117	580.297242	0.35974084	0.10300272	0.00027987	0.00191934	SMPD4BP
4249	ENSG00000152127	4783.7224	-0.37280456	0.05855483	1.04E-10	2.00E-09	MGAT5
81615	ENSG00000152128	20.0202864	-0.27087578	0.39098143	0.1927605	0.3952427	TMEM163
253635	ENSG00000152133	669.088315	-0.29395071	0.10728838	0.00417955	0.02002468	GPATCH11
26353	ENSG00000152137	29.1107337	1.30284536	0.47814331	0.00045416	0.00297084	HSPB8
79833	ENSG00000152147	629.091071	-0.35527608	0.13070899	0.00375302	0.01828136	GEMIN6
130733	ENSG00000152154	53.4589305	0.0172993	0.25601981	0.92955871	0.97060391	TMEM178A
5457	ENSG00000152192	42.3554163	1.82673606	0.39670138	2.78E-07	3.46E-06	POU4F1
79596	ENSG00000152193	419.128581	-0.46024368	0.11793455	4.13E-05	0.00034578	OBI1

57105	ENSG00000152207	3.09894292	0.19911197	0.46106089	0.005882	0.02671679	CYSLTR2
2895	ENSG00000152208	4.48488173	-0.05289128	0.37660303	0.56958776	0.77026932	GRID2
115761	ENSG00000152213	0.18922458	0.01954053	0.38488496	0.78225479	NA	ARL11
6014	ENSG00000152214	183.975293	-3.24108829	0.2571336	1.38E-37	9.95E-36	RIT2
26040	ENSG00000152217	623.243151	0.04159265	0.11748859	0.71100623	0.86118643	SETBP1
120534	ENSG00000152219	520.484799	-0.4565219	0.12157574	7.57E-05	0.00059484	ARL14EP
57724	ENSG00000152223	822.555514	0.21006095	0.10867141	0.04333369	0.13334089	EPG5
9050	ENSG00000152229	103.407947	0.27542747	0.24189856	0.15486802	0.34030142	PSTPIP2
498	ENSG00000152234	8255.29185	-0.11745257	0.05111426	0.02033136	0.0738375	ATP5F1A
115106	ENSG00000152240	574.108467	-0.07107364	0.10786954	0.49025524	0.70981553	HAUS1
147339	ENSG00000152242	638.211665	-0.1289926	0.10755267	0.21044269	0.41911091	C18orf25
57405	ENSG00000152253	366.418335	-0.19382669	0.15635319	0.17351353	0.36653625	SPC25
57818	ENSG00000152254	1.83907284	-0.09192542	0.39288796	0.22828405	NA	G6PC2
5163	ENSG00000152256	502.431469	0.28660185	0.18870417	0.082495	0.21632312	PDK1
5741	ENSG00000152266	0	NA	NA	NA	NA	PTH
5140	ENSG00000152270	993.501326	0.45048086	0.10908201	1.65E-05	0.00015067	PDE3B
83439	ENSG00000152284	283.218259	1.32839781	0.15043175	1.01E-19	3.70E-18	TCF7L1
10618	ENSG00000152291	2996.64583	-0.2271973	0.06460091	0.00035368	0.00237143	TGOLN2
284948	ENSG00000152292	4.71412	0.01781107	0.36244919	0.8865118	0.95015905	SH2D6
56659	ENSG00000152315	0.81358106	-0.00736337	0.3808088	0.89651778	NA	KCNK13
127933	ENSG00000152332	1717.05637	-0.29592609	0.09255466	0.0009504	0.00567269	UHMK1
83734	ENSG00000152348	225.166528	0.01391122	0.17514919	0.93016492	0.97093028	ATG10
134359	ENSG00000152359	352.561419	0.01820612	0.13532396	0.88660267	0.95020511	POC5
6695	ENSG00000152377	5075.12994	-2.27921588	0.07684656	1.13E-194	2.25E-191	SPOCK1
167555	ENSG00000152380	30.0050296	0.14051459	0.3028057	0.4788699	0.70038424	FAM151B
117143	ENSG00000152382	526.210867	-0.09553638	0.11596268	0.38606619	0.61517574	TADA1
2977	ENSG00000152402	2.22571534	-0.03058065	0.37471713	0.73958904	NA	GUCY1A2
143884	ENSG00000152404	193.127114	0.091635	0.15989826	0.52634299	0.73825698	CWF19L2
133746	ENSG00000152409	655.968033	-0.16985272	0.09756316	0.07125267	0.19407647	JMY
9456	ENSG00000152413	328.165862	0.08495442	0.19397384	0.61286459	0.80067344	HOMER1
7518	ENSG00000152422	141.576495	-0.48966225	0.20715497	0.00640377	0.02865375	XRCC4
66037	ENSG00000152430	1.5016155	0.04242929	0.3822091	0.53699502	NA	BOLL
284306	ENSG00000152433	61.407801	-0.30151381	0.29797458	0.15723164	0.34400923	ZNF547
374928	ENSG00000152439	169.901622	0.44023557	0.20829108	0.0139772	0.05450228	ZNF773
284309	ENSG00000152443	578.4712	0.181612	0.116816	0.10196723	0.25294197	ZNF776
10172	ENSG00000152454	148.085638	0.04809618	0.17332095	0.7571855	0.88697677	ZNF256
79723	ENSG00000152455	521.212683	-0.54673442	0.14098582	3.46E-05	0.00029399	SUV39H2
64421	ENSG00000152457	362.292408	-0.50300702	0.16956938	0.00106949	0.00625183	DCLRE1C

55301	ENSG00000152463	0.173124	-0.01911262	0.38486262	0.84537521	NA	OLAH
10557	ENSG00000152464	180.529945	-0.20012871	0.17653398	0.20092173	0.40615916	RPP38
9397	ENSG00000152465	350.660001	0.11146557	0.14776541	0.41402335	0.64129366	NMT2
284312	ENSG00000152467	31.5955776	-0.15476051	0.30946217	0.43542039	0.66055517	ZSCAN1
116412	ENSG00000152475	66.5743725	0.3805402	0.26428938	0.06578335	0.18330641	ZNF837
219333	ENSG00000152484	747.112834	-0.28844774	0.09666773	0.00196453	0.01053412	USP12
152137	ENSG00000152492	1413.11087	0.11331391	0.0876759	0.18353099	0.38180295	CCDC50
814	ENSG00000152495	2680.85821	0.20837593	0.08317172	0.00996434	0.04135825	CAMK4
55521	ENSG00000152503	400.524163	-0.09239652	0.11876032	0.41219409	0.64000085	TRIM36
678	ENSG00000152518	933.973462	0.48166712	0.08537081	7.14E-09	1.09E-07	ZFP36L2
255967	ENSG00000152520	596.865541	-0.04346339	0.10310698	0.65810403	0.83032012	PAN3
130271	ENSG00000152527	169.057735	1.65972839	0.23783638	2.05E-13	4.89E-12	PLEKHH2
5213	ENSG00000152556	2750.1506	-0.10176611	0.07468217	0.16418674	0.35357266	PFKM
114908	ENSG00000152558	2733.21472	-0.0662926	0.08056154	0.39930139	0.62809321	TMEM123
2893	ENSG00000152578	175.130663	-0.70224324	0.26143116	0.00131893	0.00750219	GRIA4
285313	ENSG00000152580	0.173733	0.01914545	0.38484597	0.78225479	NA	IGSF10
79925	ENSG00000152582	45.1201083	0.74256456	0.4626859	0.01236528	0.04945116	SPEF2
8404	ENSG00000152583	6.49238021	0.08286509	0.37961664	0.42319763	0.64917034	SPARCL1
1834	ENSG00000152591	0.85900754	0.04865624	0.38843866	0.27179449	NA	DSPP
1758	ENSG00000152592	0.37844916	0.02407552	0.3854191	0.60038877	NA	DMP1
56955	ENSG00000152595	0	NA	NA	NA	NA	MEPE
4154	ENSG00000152601	1171.61917	0.25836649	0.07793353	0.00067678	0.00419604	MBNL1
133690	ENSG00000152611	0	NA	NA	NA	NA	CAPSL
133686	ENSG00000152620	544.450331	0.28677911	0.13764775	0.02520427	0.08768238	NADK2
23171	ENSG00000152642	580.097609	-0.30173088	0.10321631	0.00232426	0.0121703	GPD1L
2697	ENSG00000152661	57.8179949	6.70993273	0.84467998	4.99E-15	1.37E-13	GJA1
10309	ENSG00000152669	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CCNO
54514	ENSG00000152670	0.34058028	0.00242265	0.38338108	0.96455862	NA	DDX4
165530	ENSG00000152672	32.7457456	0.23920866	0.34508972	0.2535572	0.47391189	CLEC4F
55676	ENSG00000152683	1144.79981	0.0577092	0.08910694	0.50579784	0.72177288	SLC30A6
53918	ENSG00000152684	435.171479	-0.04578896	0.14163597	0.72675972	0.86949966	PELO
25780	ENSG00000152689	1.10600457	0.04824209	0.38612995	0.33928934	NA	RASGRP3
51128	ENSG00000152700	445.82993	-0.2320982	0.16037581	0.10999432	0.26710984	SAR1B
347732	ENSG00000152705	9.71262777	0.15898587	0.38192542	0.32921681	0.55775099	CATSPER3
160897	ENSG00000152749	481.832901	-0.20572605	0.10916551	0.04860781	0.14580805	GPR180
200132	ENSG00000152760	0	NA	NA	NA	NA	DYNLT5
79819	ENSG00000152763	19.363678	0.1195935	0.34438403	0.50150048	0.71844678	DNAI4
118932	ENSG00000152766	0	NA	NA	NA	NA	ANKRD22

10160	ENSG00000152767	3441.40824	-7.50E-05	0.09353093	0.99881449	0.99957022	FARP1
24138	ENSG00000152778	284.912673	-0.7126277	0.15568178	9.91E-07	1.12E-05	IFIT5
387700	ENSG00000152779	3.5042049	-0.11197774	0.39396866	0.27210415	0.49550677	SLC16A12
53354	ENSG00000152782	395.276087	-0.27964997	0.13509148	0.02649265	0.09108817	PANK1
56978	ENSG00000152784	287.928718	0.32928495	0.15963853	0.02331904	0.08241002	PRDM8
651	ENSG00000152785	0	NA	NA	NA	NA	BMP3
9987	ENSG00000152795	6879.68117	0.21525378	0.07680272	0.0041899	0.02006944	HNRNPDL
3087	ENSG00000152804	33.8305926	-0.01635105	0.29269434	0.92984251	0.97064482	HHEX
7402	ENSG00000152818	93.8904251	-0.1074452	0.23381833	0.562639	0.7656036	UTRN
2911	ENSG00000152822	18.426401	-0.38030531	0.52553957	0.07788049	0.20726343	GRM1
5796	ENSG00000152894	4.5035961	5.13595977	2.80435387	0.00052059	0.00334038	PTPRK
9453	ENSG00000152904	944.83393	0.04493367	0.08455515	0.58688615	0.78237765	GGPS1
85445	ENSG00000152910	4.77519633	0.15945732	0.40407582	0.23284036	0.4497666	CNTNAP4
51351	ENSG00000152926	3199.05991	0.62605925	0.07566941	3.78E-17	1.18E-15	ZNF117
109504726	ENSG00000152926	3199.05991	0.62605925	0.07566941	3.78E-17	1.18E-15	ZNF117
25859	ENSG00000152931	18.9638994	1.77925774	0.626918	0.00022717	0.00159256	PART1
115827	ENSG00000152932	897.828208	-1.31793673	0.16973051	7.09E-16	2.03E-14	RAB3C
160492	ENSG00000152936	72.036727	-1.33838215	0.31175158	1.43E-06	1.58E-05	LMNTD1
153562	ENSG00000152939	0.49552866	-0.01729184	0.38338507	0.74005398	NA	MARVELD2
5884	ENSG00000152942	817.586609	0.03095566	0.11553143	0.77968823	0.89925062	RAD17
9412	ENSG00000152944	433.006324	-0.04706743	0.13905783	0.71544077	0.86274919	MED21
5352	ENSG00000152952	1.47022721	0.00275908	0.37913342	0.89081549	NA	PLOD2
55351	ENSG00000152953	1.50394928	0.02043922	0.37890699	0.77464689	NA	STK32B
140767	ENSG00000152954	475.263251	-1.6384859	0.12676115	2.58E-39	1.96E-37	NRSN1
152789	ENSG00000152969	209.817797	-1.55975262	0.17191805	9.53E-21	3.71E-19	JAKMIP1
7545	ENSG00000152977	418.404973	0.35654093	0.1284077	0.003156	0.01580388	ZIC1
166647	ENSG00000152990	2092.03878	0.38669524	0.08907157	7.80E-06	7.57E-05	ADGRA3
1360	ENSG00000153002	37.5185997	0.3188303	0.34522757	0.15142196	0.33539121	CPB1
285672	ENSG00000153006	495.242642	-0.02789952	0.14420312	0.83341438	0.92419724	SREK1IP1
55203	ENSG00000153012	0	NA	NA	NA	NA	LGI2
10283	ENSG00000153015	381.295404	0.00561566	0.12888605	0.96408896	0.98577354	CWC27
3140	ENSG00000153029	4.10298545	0.08366457	0.38565803	0.37577107	0.60489233	MR1
6728	ENSG00000153037	630.120225	-0.03293353	0.10505801	0.74247786	0.87870936	SRP19
64946	ENSG00000153044	875.5901	0.124991	0.10514097	0.21632846	0.42723041	CENPH
9425	ENSG00000153046	480.197092	0.14235834	0.1318859	0.25078379	0.47069581	CDYL
23589	ENSG00000153048	2376.2907	-0.05226921	0.08257104	0.51578814	0.73002247	CARHSP1
146279	ENSG00000153060	32.154996	-0.02295696	0.28605511	0.90282183	0.95739939	TEKT5
55024	ENSG00000153064	0	NA	NA	NA	NA	BANK1

51061	ENSG00000153066	342.315981	0.46182681	0.13707466	0.00031888	0.00216365	TXNDC11
1601	ENSG00000153071	0	NA	NA	NA	NA	DAB2
112267931	ENSG00000153071	0	NA	NA	NA	NA	DAB2
130013	ENSG00000153086	4.23372703	-0.09011032	0.38490387	0.38079931	0.60981987	ACMSD
55289	ENSG00000153093	43.166748	0.12591529	0.27398235	0.52379947	0.73661622	ACOXL
10018	ENSG00000153094	1918.88667	0.12424256	0.08217119	0.1215202	0.28804788	BCL2L11
64682	ENSG00000153107	1600.74874	-0.08696789	0.09085224	0.32453487	0.55221149	ANAPC1
831	ENSG00000153113	1007.56576	0.5056576	0.08818957	3.88E-09	6.16E-08	CAST
60592	ENSG00000153130	721.471313	-0.28600522	0.13912374	0.02682958	0.09202955	SCOC
1047	ENSG00000153132	795.5065	-0.07102611	0.09496975	0.43960434	0.66481822	CLGN
1070	ENSG00000153140	507.364758	-0.2557242	0.13424473	0.04127482	0.12847387	CETN3
8467	ENSG00000153147	3792.85329	-0.11316773	0.06196923	0.06367444	0.17916619	SMARCA5
221711	ENSG00000153157	223.569649	0.27153824	0.17041612	0.07528911	0.20204732	SYCP2L
654	ENSG00000153162	0.173733	0.01914545	0.38484597	0.78225479	NA	BMP6
653489	ENSG00000153165	10.8845418	0.01907129	0.33826423	0.90847576	0.9602642	RGPD3
283349	ENSG00000153179	678.999016	-0.0990967	0.11057885	0.34842114	0.57911259	RASSF3
3192	ENSG00000153187	19288.1974	-0.06243625	0.05849448	0.27964111	0.50414172	HNRNPU
5903	ENSG00000153201	2669.03668	-0.16300258	0.06783815	0.01450804	0.05608721	RANBP2
25909	ENSG00000153207	3304.37776	-0.0193936	0.08703505	0.81809179	0.9171248	AHCTF1
10461	ENSG00000153208	324.481427	0.36424924	0.1505908	0.00850562	0.03630616	MERTK
84910	ENSG00000153214	237.78131	0.20553359	0.16509444	0.16771937	0.35871254	TMEM87B
343170	ENSG00000153230	0	NA	NA	NA	NA	OR14K1
5801	ENSG00000153233	53.3060906	0.22455763	0.27457193	0.2686655	0.49159121	PTPRR
4929	ENSG00000153234	1.40774761	0.09918123	0.40153846	0.07494634	NA	NR4A2
130940	ENSG00000153237	3.2868938	0.11267332	0.39782648	0.20614898	0.41317262	CCDC148
22925	ENSG00000153246	0	NA	NA	NA	NA	PLA2R1
5937	ENSG00000153250	1065.00325	0.38577397	0.08783857	6.20E-06	6.12E-05	RBMS1
6328	ENSG00000153253	948.546945	-0.48165178	0.08882433	2.46E-08	3.52E-07	SCN3A
55079	ENSG00000153266	0	NA	NA	NA	NA	FEZF2
10225	ENSG00000153283	0.18922458	0.01954053	0.38488496	0.78225479	NA	CD96
9481	ENSG00000153291	15.6538075	-0.00964401	0.35136435	0.94212499	0.97606984	SLC25A27
266977	ENSG00000153292	0	NA	NA	NA	NA	ADGRF1
221393	ENSG00000153294	0	NA	NA	NA	NA	ADGRF4
79981	ENSG00000153303	20.2094069	-1.27492972	0.66202634	0.00286877	0.01459023	FRMD1
51571	ENSG00000153310	1573.18476	-0.02223023	0.08433345	0.78630273	0.90287569	CYRIB
50807	ENSG00000153317	3785.73849	0.24254132	0.05543951	9.64E-06	9.17E-05	ASAP1
22878	ENSG00000153339	707.198393	-0.24001189	0.10521432	0.01728435	0.06482447	TRAPPC8
153643	ENSG00000153347	0.18922458	0.01954053	0.38488496	0.78225479	NA	FAM81B

NA	ENSG00000153363	231.060984	-0.25333429	0.20547485	0.14658609	0.32769217	LINC00467
125476	ENSG00000153391	213.323124	-0.06545814	0.15739091	0.64754602	0.82430661	INO80C
79888	ENSG00000153395	2026.35117	-0.05756097	0.09179673	0.51710434	0.73098795	LPCAT1
153478	ENSG00000153404	1322.55172	0.63421799	0.08328342	7.44E-15	2.00E-13	PLEKHG4B
57407	ENSG00000153406	752.919472	0.02778113	0.09774682	0.76974241	0.89412702	NMRAL1
124402	ENSG00000153443	460.694292	0.07077109	0.11658633	0.52470766	0.73747521	UBALD1
146556	ENSG00000153446	1.14331157	-0.03331457	0.38177304	0.59882389	NA	C16orf89
26175	ENSG00000153485	204.857204	-0.3867033	0.16820312	0.01080362	0.04417638	TMEM251
3621	ENSG00000153487	514.920206	0.06665057	0.11870157	0.55546601	0.7613434	ING1
121793	ENSG00000153495	0.51610347	0.03116049	0.38605724	0.47723758	NA	TEX29
122258	ENSG00000153498	0	NA	NA	NA	NA	SPACA7
113622	ENSG00000153531	204.449508	-0.38350691	0.16932898	0.01187985	0.04786922	ADPRHL1
101928841	ENSG00000153531	204.449508	-0.38350691	0.16932898	0.01187985	0.04786922	ADPRHL1
112616	ENSG00000153551	462.673629	0.27317458	0.12074377	0.01684464	0.06347534	CMTM7
25827	ENSG00000153558	188.300161	0.03456151	0.1642315	0.81710568	0.91675019	FBXL2
7342	ENSG00000153560	1901.21295	-0.01072432	0.06661965	0.86945383	0.94307645	UBP1
64795	ENSG00000153561	1613.68155	-0.16026019	0.07141672	0.02220809	0.07918916	RMND5A
925	ENSG00000153563	75.5635511	-0.27000976	0.24643936	0.16589917	0.35616336	CD8A
22934	ENSG00000153574	550.684296	-0.16643149	0.10977655	0.11218568	0.27107099	RPIA
100132565	ENSG00000153684	0	NA	NA	NA	NA	GOLGA8F
5789	ENSG00000153707	311.204702	1.88098284	0.15544634	7.80E-35	5.26E-33	PTPRD
286343	ENSG00000153714	62.0423782	0.54535055	0.29449126	0.01682128	0.06339936	LURAP1L
154043	ENSG00000153721	904.321283	0.51932555	0.09057231	3.75E-09	5.97E-08	CNKS3R3
2960	ENSG00000153767	342.887746	0.25314764	0.13039829	0.03846801	0.12197623	GTF2E1
10428	ENSG00000153774	1000.73734	-0.17781865	0.08349079	0.02887369	0.09737446	CFDP1
90316	ENSG00000153779	14.6606986	0.39329554	0.49662526	0.08804854	0.22670443	TGIF2LX
55625	ENSG00000153786	1213.95741	0.0498164	0.08767105	0.56033635	0.76415299	ZDHHC7
339145	ENSG00000153789	3.25594014	-0.09457828	0.38571813	0.35989876	0.58982252	CIBAR2
136895	ENSG00000153790	95.1252596	0.93112244	0.27741939	9.87E-05	0.00075301	C7orf31
9407	ENSG00000153802	0.50765625	0.01580256	0.38317427	0.73437663	NA	TMRSS11D
221895	ENSG00000153814	422.575724	-0.66612932	0.12711987	3.97E-08	5.54E-07	JAZF1
80790	ENSG00000153815	1625.13066	-0.13427796	0.07981477	0.08495624	0.22105335	CMIP
80309	ENSG00000153820	0	NA	NA	NA	NA	SPHKAP
3773	ENSG00000153822	0	NA	NA	NA	NA	KCNJ16
55022	ENSG00000153823	0	NA	NA	NA	NA	PID1
9320	ENSG00000153827	4141.76946	0.01859987	0.07044964	0.78913167	0.90431308	TRIP12
130888	ENSG00000153832	51.3033795	0.49615	0.36854246	0.04504724	0.13726573	FBXO36
1054	ENSG00000153879	1272.50481	-0.21930772	0.13409412	0.07975615	0.21084103	CEBPG

79047	ENSG00000153885	2314.37495	0.16361678	0.06716739	0.0133062	0.05243199	KCTD15
148103	ENSG00000153896	210.150763	0.14646566	0.16486009	0.32530508	0.55328357	ZNF599
255231	ENSG00000153898	0.18922458	0.01954053	0.38488496	0.78225479	NA	MCOLN2
163175	ENSG00000153902	10.8800846	0.91457968	1.24824271	0.01427615	0.05540667	LGI4
23576	ENSG00000153904	3672.01731	-0.85983278	0.05610983	9.39E-54	1.02E-51	DDAH1
140890	ENSG00000153914	2296.80887	-0.10624956	0.07052446	0.12482169	0.29314184	SREK1
1105	ENSG00000153922	1281.84933	-0.03440979	0.11082206	0.74433256	0.87963225	CHD1
9629	ENSG00000153923	0	NA	NA	NA	NA	CLCA3P
162282	ENSG00000153930	0.3411051	0.02362649	0.38535339	0.62410837	NA	ANKFN1
8526	ENSG00000153933	358.75566	0.01921011	0.121403	0.86842333	0.94253385	DGKE
9653	ENSG00000153936	1004.12673	-0.32612414	0.1006563	0.00075393	0.00461949	HS2ST1
124540	ENSG00000153944	6806.53892	0.14180834	0.07052756	0.04068126	0.12694498	MSI2
781	ENSG00000153956	2685.53885	0.67244011	0.07327167	1.13E-20	4.39E-19	CACNA2D1
221302	ENSG00000153975	265.962128	0.2019746	0.14903769	0.14085183	0.31892169	ZUP1
9955	ENSG00000153976	0.3000162	-0.02294459	0.38527538	0.68644854	NA	HS3ST3A1
284161	ENSG00000153982	191.527308	-0.17064216	0.18723792	0.29541256	0.52199725	GDPD1
116150	ENSG00000153989	1419.31758	-0.0810162	0.08798418	0.34351999	0.57383485	NUS1
223117	ENSG00000153993	15.1463558	0.30088617	0.42265879	0.15458874	0.33998898	SEMA3D
5529	ENSG00000154001	1414.04401	-0.13183198	0.09355267	0.14549131	0.32597939	PPP2R5E
127247	ENSG00000154007	0	NA	NA	NA	NA	ASB17
10750	ENSG00000154016	4.69570198	-0.18428473	0.43197956	0.10110552	0.25133862	GRAP
125206	ENSG00000154025	1.3617202	-0.01344143	0.38019884	0.82593296	NA	SLC5A10
26289	ENSG00000154027	29.5967475	0.27071347	0.37902162	0.19583561	0.39944263	AK5
26256	ENSG00000154040	214.142584	-0.0932489	0.15052287	0.49809341	0.71599575	CABYR
55364	ENSG00000154059	717.00525	-0.12975745	0.13197164	0.29366546	0.51992885	IMPACT
147463	ENSG00000154065	123.104545	2.21360995	0.23481247	3.10E-22	1.29E-20	ANKRD29
135154	ENSG00000154079	117.678902	0.34894883	0.2299157	0.0655154	0.18276512	SDHAF4
83539	ENSG00000154080	53.517635	0.72004073	0.36246827	0.00702677	0.03107002	CHST9
7070	ENSG00000154096	1999.56299	-0.8259818	0.06826472	1.92E-34	1.27E-32	THY1
123872	ENSG00000154099	11.585145	0.03180038	0.34218655	0.84225381	0.92836346	DNAAF1
404550	ENSG00000154102	15.6146019	0.08479843	0.32808906	0.6409946	0.82014987	C16orf74
219899	ENSG00000154114	527.539202	0.01489884	0.11319726	0.89160991	0.95294622	TBCEL
57338	ENSG00000154118	1088.09907	-1.14553142	0.08837961	2.32E-39	1.76E-37	JPH3
56172	ENSG00000154122	873.284188	-0.16499418	0.14082439	0.20598398	0.4130923	ANKH
90268	ENSG00000154124	850.592501	-0.2299478	0.11558653	0.03627586	0.11654835	OTULIN
84959	ENSG00000154127	22.2214461	-1.39107394	0.68083732	0.0018972	0.01022282	UBASH3B
54538	ENSG00000154133	1.62328417	0.10558046	0.40389383	0.06055386	NA	ROBO4
64221	ENSG00000154134	248.734038	0.37469819	0.17277696	0.0155986	0.05951467	ROBO3

116337	ENSG00000154143	0.16735865	0.01897177	0.38482933	0.78225479	NA	PANX3
84897	ENSG00000154144	646.708208	0.21631112	0.09580603	0.01949979	0.0714584	TBRG1
4900	ENSG00000154146	239.353804	-0.62365458	0.16694402	4.91E-05	0.00040257	NRGN
54463	ENSG00000154153	101.631589	-0.15602764	0.21641799	0.3842216	0.61332018	RETREG1
1010	ENSG00000154162	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CDH12
2838	ENSG00000154165	0.173124	-0.01911262	0.38486262	0.84537521	NA	GPR15
9868	ENSG00000154174	2457.25191	-0.22578282	0.0672256	0.00063453	0.00396757	TOMM70
25890	ENSG00000154175	13.9692711	0.49001724	0.61819312	0.04918329	0.14717895	ABI3BP
284	ENSG00000154188	58.5307633	-0.11860369	0.25572937	0.53740992	0.74759591	ANGPT1
163720	ENSG00000154198	0	NA	NA	NA	NA	CYP4Z2P
26207	ENSG00000154217	1229.18818	-0.0742624	0.07938732	0.33506869	0.56494141	PITPNC1
200014	ENSG00000154222	629.260469	0.19710604	0.10546473	0.05151274	0.1524482	CC2D1B
204219	ENSG00000154227	0.18922458	0.01954053	0.38488496	0.78225479	NA	CERS3
5578	ENSG00000154229	3779.11618	1.61234295	0.06289476	4.76E-146	3.50E-143	PRKCA
79705	ENSG00000154237	927.393482	-0.07403442	0.10156198	0.44878416	0.67234598	LRRK1
201134	ENSG00000154240	191.883427	-0.00060262	0.18963077	0.99567662	0.99852582	CEP112
64090	ENSG00000154252	8.13749556	0.14147907	0.38183556	0.35109854	0.58132031	GAL3ST2
10350	ENSG00000154258	0	NA	NA	NA	NA	ABCA9
23460	ENSG00000154262	0	NA	NA	NA	NA	ABCA6
10349	ENSG00000154263	0	NA	NA	NA	NA	ABCA10
23461	ENSG00000154265	158.389753	1.51089891	0.24947336	1.04E-10	2.00E-09	ABCA5
5169	ENSG00000154269	0.62270811	0.03703505	0.3867132	0.3983139	NA	ENPP3
55286	ENSG00000154274	1.8203124	0.04654439	0.38022014	0.56539705	NA	C4orf19
7345	ENSG00000154277	9682.52632	0.39484563	0.06082316	4.70E-11	9.34E-10	UCHL1
375056	ENSG00000154305	2085.09455	0.50581179	0.09169905	1.37E-08	2.03E-07	MIA3
84976	ENSG00000154309	280.470777	-0.07521049	0.13868004	0.5595112	0.76413192	DISP1
23043	ENSG00000154310	938.065121	-1.15766732	0.11851297	1.67E-23	7.55E-22	TNIK
157739	ENSG00000154316	7.8809995	-0.00380169	0.35217359	0.97638771	0.99184704	TDH
83648	ENSG00000154319	1314.48601	-1.62011091	0.08953173	2.78E-74	4.93E-72	FAM167A
252969	ENSG00000154328	346.092694	-0.29695742	0.13718107	0.02008468	0.07316932	NEIL2
5239	ENSG00000154330	0	NA	NA	NA	NA	PGM5
89780	ENSG00000154342	0.35667843	0.02381704	0.38538106	0.61401837	NA	WNT3A
84033	ENSG00000154358	4609.68497	0.10649032	0.09391788	0.24240513	0.46064214	OBSCN
91694	ENSG00000154359	191.44204	0.56388892	0.18610182	0.00073196	0.00450016	LONRF1
81559	ENSG00000154370	1416.71678	0.16121336	0.08177341	0.04340729	0.13349876	TRIM11
55740	ENSG00000154380	5110.93876	-0.31757843	0.07930713	4.09E-05	0.00034276	ENAH
5506	ENSG00000154415	0	NA	NA	NA	NA	PPP1R3A
126731	ENSG00000154429	1124.21955	-0.37054087	0.0822499	3.80E-06	3.90E-05	CCSAP

136991	ENSG00000154438	0	NA	NA	NA	NA	ASZ1
57630	ENSG00000154447	332.790623	0.0236721	0.13939464	0.85646237	0.93595581	SH3RF1
115362	ENSG00000154451	2.41491726	-0.13218935	0.40972206	0.11394106	NA	GBP5
9184	ENSG00000154473	3080.51521	0.0521786	0.06668173	0.4288224	0.65462623	BUB3
2849	ENSG00000154478	0.173733	0.01914545	0.38484597	0.78225479	NA	GPR26
129881	ENSG00000154479	3.0016387	0.04198037	0.37492165	0.66725212	0.83616392	CCDC173
118856	ENSG00000154485	15.7565101	-0.05431097	0.32452159	0.75873248	0.88809749	MMP21
118611	ENSG00000154493	0.79261673	-0.0452504	0.38782936	0.32594236	NA	C10orf90
388650	ENSG00000154511	150.74338	-0.22506601	0.18081174	0.15782404	0.34484696	DIPK1A
518	ENSG00000154518	1871.61172	0.13594662	0.08556948	0.10300196	0.25491514	ATP5MC3
728577	ENSG00000154529	13.7700498	-0.33413581	0.47290277	0.11013688	0.26735784	CNTNAP3B
728239	ENSG00000154545	72.0057152	-0.27039925	0.49757892	0.06361559	0.1791022	MAGED4
135295	ENSG00000154548	336.167124	-0.10600851	0.14822747	0.43681703	0.6619272	SRSF12
27295	ENSG00000154553	368.078549	1.51890124	0.18122115	3.87E-18	1.30E-16	PDLIM3
8470	ENSG00000154556	558.751079	0.54764374	0.10842143	1.53E-07	1.97E-06	SORBS2
6921	ENSG00000154582	828.373304	-0.10618431	0.10666455	0.2985395	0.5253702	ELOC
23643	ENSG00000154589	0	NA	NA	NA	NA	LY96
NA	ENSG00000154608	28.5482779	-0.03106711	0.29633185	0.86827343	0.94247428	CEP170P1
143471	ENSG00000154611	0	NA	NA	NA	NA	PSMA8
9087	ENSG00000154620	0	NA	NA	NA	NA	TMSB4Y
1525	ENSG00000154639	439.612564	0.17289531	0.13654855	0.17504491	0.36892512	CXADR
10950	ENSG00000154640	419.76188	0.34745231	0.14216863	0.00842951	0.03605781	BTG3
54149	ENSG00000154642	283.424278	0.64119733	0.17989503	8.97E-05	0.00069156	C21orf91
140578	ENSG00000154645	0.98248796	-0.02104553	0.38024242	0.74333687	NA	CHODL
5651	ENSG00000154646	0	NA	NA	NA	NA	TMPRSS15
4685	ENSG00000154654	89.6299859	0.4124038	0.29625926	0.0601901	0.17165037	NCAM2
91133	ENSG00000154655	200.949092	0.69621144	0.169399	8.86E-06	8.49E-05	L3MBTL4
5137	ENSG00000154678	0	NA	NA	NA	NA	PDE1C
27342	ENSG00000154710	779.01583	0.1126992	0.09309087	0.21207451	0.4217258	RABGEF1
54148	ENSG00000154719	253.466962	-0.06518861	0.1555128	0.64572154	0.82359463	MRPL39
58494	ENSG00000154721	311.138981	0.05899183	0.15567202	0.67907085	0.84320727	JAM2
522	ENSG00000154723	1730.25738	-0.19361503	0.07105497	0.00548567	0.0251876	ATP5PF
2551	ENSG00000154727	960.124964	-0.18498852	0.09028505	0.03459158	0.11230997	GABPA
9510	ENSG00000154734	660.289265	1.14533728	0.11983472	1.39E-22	5.93E-21	ADAMTS1
11096	ENSG00000154736	95.2567617	1.02038361	0.29153537	5.02E-05	0.00040965	ADAMTS5
80746	ENSG00000154743	322.634168	0.03057203	0.13736033	0.81269547	0.91516078	TSEN2
146857	ENSG00000154760	0	NA	NA	NA	NA	SLFN13
7476	ENSG00000154764	5.88239617	-3.75127301	1.66297228	0.00095529	0.00569157	WNT7A

7508	ENSG00000154767	1284.40125	0.16535583	0.07924926	0.03285258	0.10778817	XPC
51244	ENSG00000154781	443.651136	0.32135469	0.121463	0.00517914	0.02393528	CCDC174
152273	ENSG00000154783	8.50806756	-0.39398195	0.62265816	0.04232171	0.13113584	FGD5
201163	ENSG00000154803	471.07173	0.20569694	0.11912068	0.06872193	0.18899959	FLCN
285381	ENSG00000154813	486.314226	0.10560549	0.12301894	0.36514002	0.59463005	DPH3
92106	ENSG00000154814	268.504996	0.12808543	0.13885572	0.32273603	0.55037672	OXNAD1
23228	ENSG00000154822	431.904953	-0.326502	0.11920559	0.00384407	0.01863793	PLCL2
30827	ENSG00000154832	1401.82034	0.12878446	0.08730754	0.12967677	0.30129841	CXXC1
220134	ENSG00000154839	297.634745	-0.28813386	0.13907538	0.02567419	0.08892737	SKA1
9989	ENSG00000154845	1266.78636	-0.12698748	0.08831144	0.1388766	0.31565034	PPP4R1
147495	ENSG00000154856	53.8146661	0.19302466	0.30411649	0.34163949	0.57180671	APCDD1
63895	ENSG00000154864	0	NA	NA	NA	NA	PIEZO2
284047	ENSG00000154874	12.6196644	2.2988497	1.26844044	0.00156088	0.00868383	CCDC144B
65258	ENSG00000154889	205.732309	-0.32290757	0.21399046	0.07291948	0.19718174	MPPE1
NA	ENSG00000154898	41.4245895	0.08659263	0.29394081	0.65507681	0.82823884	CCDC144CP
124739	ENSG00000154914	0	NA	NA	NA	NA	USP43
51560	ENSG00000154917	804.544123	-0.06999307	0.11992928	0.53666462	0.74729267	RAB6B
146956	ENSG00000154920	781.26572	0.06575321	0.12528122	0.57951057	0.77706744	EME1
2047	ENSG00000154928	2.11109298	0.06576683	0.38390138	0.42383853	NA	EPHB1
84532	ENSG00000154930	0	NA	NA	NA	NA	ACSS1
91369	ENSG00000154945	1966.64536	-0.01730797	0.06620462	0.78996439	0.9043268	ANKRD40
7566	ENSG00000154957	83.1197074	-0.0671189	0.22750688	0.71339186	0.86190557	ZNF18
56934	ENSG00000154975	1.05385652	0.04033127	0.38247713	0.5346697	NA	CA10
81552	ENSG00000154978	1032.48443	0.0855332	0.08288853	0.29077493	0.51679428	VOPPI
346288	ENSG00000154997	0	NA	NA	NA	NA	SEPTIN14
139322	ENSG00000155008	424.897394	-0.12647	0.12310883	0.27679787	0.50120195	APOOL
27123	ENSG00000155011	79.0768814	3.23421623	0.35254724	3.16E-21	1.24E-19	DKK2
113612	ENSG00000155016	390.683476	0.04041952	0.11574302	0.71500464	0.86271551	CYP2U1
222967	ENSG00000155026	6.07411942	0.35384898	0.59507559	0.03825009	0.12144053	RSPH10B
80028	ENSG00000155034	1564.50129	-0.11537223	0.07124065	0.09897175	0.24743531	FBXL18
129684	ENSG00000155052	823.574436	-1.69510761	0.10633822	2.54E-58	3.15E-56	CNTNAP5
150696	ENSG00000155066	44.7355485	0.76148836	0.38390992	0.00648879	0.0290015	PROM2
NA	ENSG00000155070	1.91433091	0.04719228	0.38000272	0.56430486	NA	UNC93B2
221264	ENSG00000155085	125.536856	-0.10417943	0.20771083	0.55036063	0.75685555	AK9
4956	ENSG00000155087	0	NA	NA	NA	NA	ODF1
7071	ENSG00000155090	648.833952	0.06060329	0.11301706	0.57543462	0.7743233	KLF10
5799	ENSG00000155093	1491.82853	-1.47966728	0.10179028	5.87E-49	5.62E-47	PTPRN2
51582	ENSG00000155096	4659.29378	0.28405567	0.06387262	6.32E-06	6.24E-05	AZIN1

528	ENSG00000155097	672.494571	-0.31006027	0.15345243	0.02717338	0.09295171	ATP6V1C1
55529	ENSG00000155099	227.467672	0.0930537	0.14911311	0.49889591	0.71652634	PIP4P2
51633	ENSG00000155100	436.129801	0.03087497	0.13345522	0.80611801	0.9121533	OTUD6B
23097	ENSG00000155111	1395.71639	-0.31596852	0.08052892	5.75E-05	0.00046237	CDK19
112495	ENSG00000155115	737.536229	-0.13965008	0.09574745	0.13136546	0.30404473	GTF3C6
158219	ENSG00000155158	103.576596	0.35725364	0.27735454	0.08948172	0.22960648	TTC39B
55326	ENSG00000155189	1730.5469	-0.46338428	0.07843346	1.54E-09	2.59E-08	AGPAT5
64210	ENSG00000155229	1728.19364	0.03690843	0.07101427	0.59801617	0.78960741	MMS19
79544	ENSG00000155249	0	NA	NA	NA	NA	OR4K1
55361	ENSG00000155252	805.542819	-0.1819079	0.08880031	0.03438431	0.11181524	PI4K2A
83742	ENSG00000155254	602.534534	-0.21680093	0.11337068	0.04417658	0.13529846	MARVELD1
118813	ENSG00000155256	896.186635	-0.39588611	0.0980996	2.78E-05	0.00024158	ZFYVE27
401647	ENSG00000155265	420.622981	-2.32613925	0.15811573	2.78E-50	2.79E-48	GOLGA7B
27201	ENSG00000155269	2.77736763	-0.09708752	0.39307471	0.25923527	0.48076535	GPR78
152992	ENSG00000155275	225.885284	-0.12477954	0.17319799	0.41788466	0.64399811	TRMT44
81894	ENSG00000155287	295.37435	0.0849869	0.13430357	0.50013972	0.7173261	SLC25A28
6782	ENSG00000155304	1151.19563	-0.05887378	0.08331312	0.47006186	0.69237291	HSPA13
64092	ENSG00000155307	0	NA	NA	NA	NA	SAMSN1
388813	ENSG00000155307	0	NA	NA	NA	NA	SAMSN1
29761	ENSG00000155313	453.702375	0.55211006	0.12624794	4.14E-06	4.22E-05	USP25
65983	ENSG00000155324	31.6085666	4.0212928	0.56913974	1.78E-13	4.29E-12	GRAMD2B
54819	ENSG00000155329	280.930549	-0.06051874	0.14967433	0.65935845	0.83105722	ZCCHC10
388272	ENSG00000155330	354.020191	-0.40815063	0.22049048	0.02753815	0.0937308	C16orf87
4343	ENSG00000155363	889.029877	0.59554417	0.10517239	4.57E-09	7.22E-08	MOV10
389	ENSG00000155366	609.864388	0.56964744	0.11194599	1.18E-07	1.54E-06	RHOC
333926	ENSG00000155367	7.22668368	-0.28969642	0.48712013	0.09500048	0.23991343	PPM1J
1622	ENSG00000155368	1278.71225	-0.54487118	0.09289272	1.55E-09	2.61E-08	DBI
6566	ENSG00000155380	2095.953	-0.16101868	0.11769657	0.14945236	0.33226522	SLC16A1
55027	ENSG00000155393	399.401996	-0.10098494	0.13463545	0.42215188	0.64814241	HEATR3
378108	ENSG00000155428	6.36863609	-0.00411486	0.36959259	0.96527777	0.98625559	TRIM74
84365	ENSG00000155438	1037.47714	-0.44342819	0.10672003	1.48E-05	0.00013627	NIFK
5018	ENSG00000155463	1510.60145	-0.21527516	0.07465465	0.00322671	0.0160849	OXA1L
9056	ENSG00000155465	1.70353084	0.02357298	0.3793468	0.73471499	NA	SLC7A7
9947	ENSG00000155495	22.4901132	-1.70250223	0.59156932	0.00022166	0.0015584	MAGEC1
23367	ENSG00000155506	7568.55166	-0.09698352	0.06205033	0.12416411	0.29208041	LARP1
9337	ENSG00000155508	1610.83452	-0.00511237	0.07126708	0.94115176	0.97559098	CNOT8
2890	ENSG00000155511	0	NA	NA	NA	NA	GRIA1
136332	ENSG00000155530	159.251917	-0.05463096	0.17556356	0.72557814	0.86866734	LRGUK

133383	ENSG00000155542	184.57155	-0.27203782	0.17256514	0.07728232	0.20605848	SETD9
166968	ENSG00000155545	1152.76607	-0.41378255	0.10856324	6.81E-05	0.00054247	MIER3
23165	ENSG00000155561	4706.01324	0.0038128	0.06193726	0.95091377	0.97985505	NUP205
342357	ENSG00000155592	605.064578	-0.1658142	0.10819992	0.10928691	0.26581493	ZKSCAN2
138241	ENSG00000155621	236.52332	0.2141061	0.14833987	0.11694557	0.27994692	C9orf85
9502	ENSG00000155622	0	NA	NA	NA	NA	XAGE2
118788	ENSG00000155629	155.201582	-0.66771024	0.1923419	0.00011838	0.0008846	PIK3AP1
129831	ENSG00000155636	220.763187	-0.25708532	0.15649031	0.07128033	0.19409851	RBM45
7273	ENSG00000155657	319.092835	0.07466398	0.129645	0.54125064	0.74967974	TTN
11326	ENSG00000155659	0	NA	NA	NA	NA	VSIG4
9601	ENSG00000155660	5107.60898	0.83452722	0.0752242	2.47E-29	1.39E-27	PDIA4
79831	ENSG00000155666	85.0853404	0.13922729	0.21788691	0.43875789	0.66399363	KDM8
255762	ENSG00000155714	1.19233976	0.01955149	0.38005787	0.76257316	NA	PDZD9
146183	ENSG00000155719	5.26384778	5.7040874	2.67821432	0.00011092	0.00083399	OTOA
130535	ENSG00000155729	279.213542	0.09493533	0.14299584	0.47473234	0.69695794	KCTD18
285172	ENSG00000155744	369.79401	-0.13221337	0.1570767	0.35417695	0.58474417	FAM126B
130540	ENSG00000155749	13.5127988	-0.10751881	0.34655261	0.52953693	0.7412695	FLACC1
151254	ENSG00000155754	3.12667316	0.11262166	0.39157062	0.30262446	0.52987991	C2CD6
65062	ENSG00000155755	1624.47555	-0.0600042	0.0929643	0.50498124	0.72130144	TMEM237
8324	ENSG00000155760	1157.67541	0.06349571	0.08198478	0.42737026	0.65313711	FZD7
200162	ENSG00000155761	0.6645966	-0.02196995	0.38320164	0.65254366	NA	SPAG17
64798	ENSG00000155792	12.003612	0.02461826	0.33567957	0.88358435	0.94890373	DEPTOR
56776	ENSG00000155816	646.63559	-0.85288943	0.17994027	3.33E-07	4.09E-06	FMN2
56254	ENSG00000155827	1664.79123	-0.23744968	0.09425946	0.00914415	0.03850987	RNF20
1539	ENSG00000155833	0	NA	NA	NA	NA	CYLC2
133522	ENSG00000155846	103.05789	0.04286615	0.20115705	0.80398257	0.911018	PPARGC1B
9844	ENSG00000155849	1063.08095	-0.49823635	0.12418663	2.31E-05	0.00020482	ELMO1
1836	ENSG00000155850	823.264386	-0.35381145	0.09225527	7.48E-05	0.0005886	SLC26A2
134353	ENSG00000155858	503.557362	-0.74858303	0.11938606	7.53E-11	1.46E-09	LSM11
9443	ENSG00000155868	217.70634	-0.10184408	0.15211157	0.46485977	0.68755165	MED7
158297	ENSG00000155875	0.34045604	-0.0001331	0.38336221	0.9665143	NA	SAXO1
10670	ENSG00000155876	896.038108	-0.06724584	0.09058808	0.44431621	0.66924033	RRAGA
25769	ENSG00000155886	16.9855572	3.71272072	0.8632569	1.66E-06	1.81E-05	SLC24A2
287015	ENSG00000155890	0	NA	NA	NA	NA	TRIM42
92370	ENSG00000155893	425.836083	0.40978464	0.14844743	0.00278009	0.01420474	PXYLP1
114	ENSG00000155897	1.14109546	-0.00031907	0.37936945	0.99567772	NA	ADCY8
5922	ENSG00000155903	475.302408	0.04048496	0.13088674	0.74297263	0.8787753	RASA2
55005	ENSG00000155906	592.924729	-0.03993217	0.09809216	0.67298823	0.83933156	RMND1

154064	ENSG00000155918	0	NA	NA	NA	NA	RAET1L
6503	ENSG00000155926	20.8472452	0.02673244	0.30982985	0.88643837	0.95015905	SLA
51643	ENSG00000155957	374.470373	0.40038954	0.16141499	0.00639249	0.02861621	TMBIM4
7411	ENSG00000155959	961.75353	-0.31968324	0.09705085	0.00063656	0.00397899	VBP1
116442	ENSG00000155961	343.220372	-0.19124748	0.16416972	0.19641303	0.40005705	RAB39B
1193	ENSG00000155962	17.9421013	-0.01420973	0.32967489	0.93083446	0.97111825	CLIC2
2334	ENSG00000155966	0	NA	NA	NA	NA	AFF2
286097	ENSG00000155970	173.272668	-0.29549914	0.1950248	0.07953369	0.2105454	MICU3
23426	ENSG00000155974	30.1442535	5.45687222	0.89251076	1.92E-11	3.97E-10	GRIP1
137492	ENSG00000155975	506.815749	0.45765232	0.14750053	0.00081606	0.00495428	VPS37A
3798	ENSG00000155980	1139.2903	-0.79949811	0.1060973	8.93E-15	2.38E-13	KIF5A
10	ENSG00000156006	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NAT2
4107	ENSG00000156009	0.72009102	0.02303266	0.38385915	0.59437427	NA	MAGEA8
23362	ENSG00000156011	1534.66316	-0.54022396	0.07621932	4.92E-13	1.14E-11	PSD3
138199	ENSG00000156017	171.497044	0.01307992	0.17272247	0.93364208	0.97236005	CARNMT1
90550	ENSG00000156026	388.251326	-0.33733004	0.14393598	0.01128177	0.04581993	MCU
91748	ENSG00000156030	703.378419	-0.1326398	0.10949635	0.20513137	0.41205331	MIDEAS
118491	ENSG00000156042	11.7175948	0.84522044	1.05391811	0.01691797	0.06370327	CFAP70
9630	ENSG00000156049	5.04594042	0.13864263	0.39642109	0.27311123	0.49676945	GNA14
145483	ENSG00000156050	109.175701	-0.10468949	0.20708673	0.54749177	0.75431125	FAM161B
2776	ENSG00000156052	1862.75177	-0.51817117	0.08196222	9.81E-11	1.89E-09	GNAQ
11197	ENSG00000156076	0	NA	NA	NA	NA	WIF1
7363	ENSG00000156096	0	NA	NA	NA	NA	UGT2B4
83873	ENSG00000156097	4.90139228	0.02987664	0.37315812	0.74485436	0.87988222	GPR61
4325	ENSG00000156103	1418.84251	0.03166744	0.07461867	0.66582086	0.83495897	MMP16
132	ENSG00000156110	394.538064	-0.07228643	0.12116626	0.52661462	0.73858575	ADK
3778	ENSG00000156113	360.493914	-3.31347362	0.16804776	1.45E-87	3.46E-85	KCNMA1
10538	ENSG00000156127	0	NA	NA	NA	NA	BATF
1633	ENSG00000156136	710.772421	-0.10783578	0.10125122	0.26764047	0.49016772	DCK
9508	ENSG00000156140	531.708786	3.67125981	0.14943697	1.88E-134	1.04E-131	ADAMTS3
257	ENSG00000156150	0.30139824	-0.02296476	0.38527817	0.68536535	NA	ALX3
286148	ENSG00000156162	1139.42162	0.15611503	0.10930044	0.13597896	0.3109165	DPY19L4
137682	ENSG00000156170	250.722709	-0.168041	0.14688095	0.21420426	0.42438929	NDUFAF6
128338	ENSG00000156171	394.924834	0.01999243	0.16618366	0.89515627	0.95469109	DRAM2
157657	ENSG00000156172	89.7444624	-0.08636033	0.2174178	0.62957428	0.8124371	C8orf37
5470	ENSG00000156194	1.31607109	0.05440781	0.38675805	0.29196184	NA	PPEF2
161502	ENSG00000156206	1.32737373	-0.01667605	0.37940508	0.80257198	NA	CFAP161
57188	ENSG00000156218	0	NA	NA	NA	NA	ADAMTSL3

419	ENSG00000156219	0.38962757	0.02407781	0.38542126	0.60160411	NA	ART3
9154	ENSG00000156222	0.3348156	0.00657317	0.38350531	0.91414739	NA	SLC28A1
123720	ENSG00000156232	185.565394	0.05063786	0.16248513	0.73199014	0.87198139	WHAMM
10563	ENSG00000156234	0.66471966	0.00545819	0.38195458	0.90769313	NA	CXCL13
29104	ENSG00000156239	622.008214	0.28532011	0.10346681	0.00408596	0.01964299	N6AMT1
10069	ENSG00000156253	393.240174	-0.26625378	0.11984426	0.01891914	0.06963927	RWDD2B
10600	ENSG00000156256	846.897867	-0.18819845	0.08905834	0.02948998	0.09906554	USP16
10694	ENSG00000156261	3710.294	-0.18999689	0.07398794	0.00875392	0.03719011	CCT8
56911	ENSG00000156265	0.78300971	-0.00623337	0.38219998	0.89370184	NA	MAP3K7CL
84779	ENSG00000156269	0.84544779	0.03692112	0.38467463	0.45953839	NA	NAA11
571	ENSG00000156273	469.891855	0.30176453	0.15970766	0.03737237	0.1192962	BACH1
100379661	ENSG00000156273	469.891855	0.30176453	0.15970766	0.03737237	0.1192962	BACH1
26285	ENSG00000156282	0	NA	NA	NA	NA	CLDN17
9073	ENSG00000156284	0	NA	NA	NA	NA	CLDN8
7102	ENSG00000156298	372.783614	-0.24346987	0.12087989	0.0332283	0.10876911	TSPAN7
7074	ENSG00000156299	1109.87917	-0.47467525	0.08930733	4.54E-08	6.26E-07	TIAM1
57466	ENSG00000156304	1458.39751	0.07823356	0.07676715	0.29872899	0.52556382	SCAF4
6103	ENSG00000156313	190.650799	0.23066877	0.2060725	0.18757745	0.38786275	RPGR
23552	ENSG00000156345	253.586265	0.23751086	0.18100312	0.13711745	0.31261897	CDK20
84108	ENSG00000156374	252.878102	-0.22263697	0.15442479	0.1142699	0.27493509	PCGF6
122416	ENSG00000156381	692.938321	0.39742321	0.11491105	0.00027661	0.00190026	ANKRD9
119392	ENSG00000156384	95.0482288	-0.43398914	0.2365177	0.02628055	0.09050816	SFR1
22986	ENSG00000156395	20.3293309	0.01608191	0.30800566	0.93262447	0.97195551	SORCS3
118980	ENSG00000156398	323.790795	-0.34092864	0.14116234	0.00922135	0.03877735	SFXN2
9556	ENSG00000156411	978.318973	-0.15350213	0.09209223	0.08542127	0.22179793	ATP5MJ
2528	ENSG00000156413	0.96707992	-0.02489566	0.38141133	0.67795312	NA	FUT6
122402	ENSG00000156414	2.39771539	-0.11938069	0.40812908	0.08115854	NA	TDRD9
8817	ENSG00000156427	1.62132929	-0.01706455	0.37715472	0.82603318	NA	FGF18
5097	ENSG00000156453	86.6989924	-2.60895589	0.3012279	2.48E-19	8.93E-18	PCDH1
153769	ENSG00000156463	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SH3RF2
392255	ENSG00000156466	6.75839875	3.35479759	1.49705083	0.00165928	0.00915212	GDF6
7381	ENSG00000156467	2025.72449	-0.22935766	0.07553921	0.00189802	0.01022448	UQCRB
51001	ENSG00000156469	213.787935	-0.26522894	0.16697341	0.07716714	0.20583438	MTERF3
9791	ENSG00000156471	1072.21158	-0.57861932	0.09039349	4.99E-11	9.91E-10	PTDSS1
5521	ENSG00000156475	78.2415419	-2.67171794	0.34834978	6.43E-16	1.85E-14	PPP2R2B
6156	ENSG00000156482	11540.4707	0.01207558	0.05496461	0.82512081	0.92061618	RPL30
3788	ENSG00000156486	2.85743744	-0.15519212	0.42205375	0.08770992	0.22627844	KCNS2
159091	ENSG00000156500	106.802045	0.16036656	0.20225475	0.35307476	0.58322456	PABIR3

6832	ENSG00000156502	477.413092	-0.13950159	0.12031072	0.22077629	0.43316867	SUPV3L1
159090	ENSG00000156504	857.369026	-0.19656203	0.10033763	0.04178533	0.12979818	PABIR2
1915	ENSG00000156508	178792.759	-0.07639208	0.04300203	0.06802283	0.18770138	EEF1A1
286151	ENSG00000156509	59.2658865	-0.12097123	0.24574716	0.52497008	0.73755856	FBXO43
80201	ENSG00000156510	0	NA	NA	NA	NA	HKDC1
3098	ENSG00000156515	3059.69461	-0.37696976	0.07823156	8.18E-07	9.41E-06	HK1
219743	ENSG00000156521	369.442265	0.13644336	0.12651617	0.2529992	0.47325073	TYSND1
84295	ENSG00000156531	1807.61791	0.08276452	0.0909554	0.34987407	0.58019905	PHF6
135228	ENSG00000156535	0	NA	NA	NA	NA	CD109
57497	ENSG00000156564	593.243258	-0.98446734	0.11511618	1.66E-18	5.77E-17	LRFN2
4838	ENSG00000156574	48.4662995	0.5911428	0.35452698	0.01982848	0.07247778	NODAL
10394	ENSG00000156575	0	NA	NA	NA	NA	PRG3
9246	ENSG00000156587	628.076887	-0.03372413	0.09887929	0.72338081	0.86781203	UBE2L6
25921	ENSG00000156599	1224.05149	-0.16246035	0.08595217	0.05204438	0.15365484	ZDHHC5
219541	ENSG00000156603	314.918902	-0.11309155	0.14021826	0.38446763	0.61356176	MED19
60685	ENSG00000156639	1496.56084	-0.00922152	0.09125545	0.9174079	0.96505604	ZFAND3
27020	ENSG00000156642	630.030354	-0.13169936	0.10490314	0.19090286	0.39232575	NPTN
23522	ENSG00000156650	1528.9751	0.66121275	0.09559514	1.22E-12	2.77E-11	KAT6B
142891	ENSG00000156671	801.89291	-0.16598098	0.09261117	0.06364763	0.17914159	SAMD8
80223	ENSG00000156675	485.170862	0.10427486	0.13460449	0.40847912	0.63652585	RAB11FIP1
137970	ENSG00000156687	675.436565	-1.02741753	0.10773427	1.97E-22	8.29E-21	UNC5D
219970	ENSG00000156689	28.6456605	0.40200168	0.41717845	0.09214472	0.23464913	GLYATL2
10813	ENSG00000156697	1184.93813	-0.22985836	0.07702428	0.00227532	0.01195508	UTP14A
9131	ENSG00000156709	623.035381	-0.04568947	0.11886558	0.68590917	0.8472443	AIFM1
5603	ENSG00000156711	88.1201528	0.15429803	0.25225391	0.42581527	0.65161395	MAPK13
9530	ENSG00000156735	433.158138	-0.56111706	0.12858608	4.13E-06	4.21E-05	BAG4
931	ENSG00000156738	0	NA	NA	NA	NA	MS4A1
NA	ENSG00000156755	0	NA	NA	NA	NA	IGKV1OR-2
93594	ENSG00000156787	438.161795	0.10794506	0.11439762	0.32296321	0.55059885	TBC1D31
55093	ENSG00000156795	331.408546	-0.27115564	0.16424936	0.06683868	0.18536194	NTAQ1
29028	ENSG00000156802	1944.54807	-0.52589469	0.08143439	4.04E-11	8.09E-10	ATAD2
114907	ENSG00000156804	55.4598951	0.32012939	0.28744085	0.13148961	0.30415692	FBXO32
286053	ENSG00000156831	201.567939	0.14050403	0.15931657	0.33261505	0.5618153	NSMCE2
115509	ENSG00000156853	350.911623	-0.21840491	0.1318439	0.07641256	0.20422871	ZNF689
78994	ENSG00000156858	757.579653	-0.04397793	0.08886801	0.61032955	0.7985846	PRR14
64319	ENSG00000156860	1482.6937	0.22549926	0.09799375	0.01709332	0.06424162	FBRS
391059	ENSG00000156869	3.35340384	0.23327832	0.48522958	0.016598	0.06267687	FRRS1
5261	ENSG00000156873	394.17112	0.04310258	0.11826714	0.70249912	0.85694048	PHKG2

64645	ENSG00000156875	1178.25024	-0.10463225	0.08037256	0.18251677	0.3803144	MFSD14A
163786	ENSG00000156876	573.825616	-0.35563672	0.11337972	0.00099529	0.00588222	SASS6
1339	ENSG00000156885	0.18922458	0.01954053	0.38488496	0.78225479	NA	COX6A2
3681	ENSG00000156886	0	NA	NA	NA	NA	ITGAD
139378	ENSG00000156920	2.89084641	0.05809901	0.37652958	0.56859274	0.76931138	ADGRG4
7547	ENSG00000156925	0.5945563	0.0208396	0.38402101	0.64002282	NA	ZIC3
115416	ENSG00000156928	521.500912	0.15532548	0.10516568	0.12417834	0.29208041	MALSU1
23355	ENSG00000156931	672.188283	-0.3320442	0.13235284	0.00732792	0.03209895	VPS8
2585	ENSG00000156958	176.905975	0.33956049	0.16962126	0.02599518	0.08974218	GALK2
375323	ENSG00000156959	1273.36702	-1.3363792	0.13783105	2.74E-23	1.21E-21	LHFPL4
93010	ENSG00000156966	17.1079343	0.04441448	0.32293279	0.80535564	0.91174071	B3GNT7
255027	ENSG00000156968	196.76542	-0.6905737	0.19512555	8.61E-05	0.00066525	MPV17L
701	ENSG00000156970	1936.34932	-0.00810773	0.08682818	0.92234504	0.96745047	BUB1B
5147	ENSG00000156973	348.210035	-0.16974686	0.13199156	0.16975692	0.36148629	PDE6D
1974	ENSG00000156976	6456.18115	-0.11203035	0.05661515	0.04524991	0.13775638	EIF4A2
7862	ENSG00000156983	830.871145	-0.00500077	0.08614076	0.95146194	0.98008882	BRPF1
285367	ENSG00000156990	392.862349	0.13130224	0.12303174	0.25962417	0.48121669	RPUSD3
6750	ENSG00000157005	0	NA	NA	NA	NA	SST
9797	ENSG00000157014	1084.79462	-0.15502224	0.09573553	0.09376995	0.23753778	TATDN2
51738	ENSG00000157017	2.68766026	-0.05748061	0.38428716	0.38116309	0.61011123	GHRL
6396	ENSG00000157020	1375.09464	-0.01858641	0.08165823	0.81510845	0.91599551	SEC13
NA	ENSG00000157021	0	NA	NA	NA	NA	CIBAR1P1
9941	ENSG00000157036	95.1356879	0.47151974	0.24939417	0.02035225	0.07388629	EXOGL
123803	ENSG00000157045	553.241842	0.24138868	0.10826294	0.01984422	0.07251969	NTAN1
81626	ENSG00000157060	0	NA	NA	NA	NA	SHCBP1L
23057	ENSG00000157064	1518.34726	-3.23922558	0.10948834	3.22E-194	5.81E-191	NMNAT2
9372	ENSG00000157077	752.024109	-0.06577358	0.096958	0.48169466	0.70240082	ZFYVE9
491	ENSG00000157087	296.204686	-0.40688578	0.16343783	0.00607671	0.02744045	ATP2B2
131375	ENSG00000157093	0	NA	NA	NA	NA	LYZL4
6529	ENSG00000157103	14.9689014	0.0250597	0.33783916	0.8791094	0.94641763	SLC6A1
23049	ENSG00000157106	3692.64027	0.03410308	0.0657969	0.59874956	0.79005929	SMG1
115548	ENSG00000157107	309.381581	-0.0129378	0.12841448	0.91354056	0.96320586	FCHO2
11030	ENSG00000157110	357.730159	1.63042698	0.14702906	1.09E-29	6.18E-28	RBPMS
134285	ENSG00000157111	1.74784129	0.11187679	0.40303439	0.10602727	NA	TMEM171
131377	ENSG00000157119	0	NA	NA	NA	NA	KLHL40
731	ENSG00000157131	0	NA	NA	NA	NA	C8A
7079	ENSG00000157150	0	NA	NA	NA	NA	TIMP4
6854	ENSG00000157152	256.215291	-0.27559441	0.14578958	0.04032578	0.1262121	SYN2

3084	ENSG00000157168	108.23448	-1.01408724	0.25125487	6.17E-06	6.10E-05	NRG1
54953	ENSG00000157181	762.853441	0.16645349	0.10983042	0.11322893	0.27296015	ODR4
1376	ENSG00000157184	529.85696	-0.15052829	0.10747576	0.14347904	0.32277095	CPT2
55707	ENSG00000157191	979.756064	0.15216107	0.09327901	0.09244371	0.23508014	NECAP2
7804	ENSG00000157193	2201.98847	-0.60930984	0.08444656	1.59E-13	3.84E-12	LRP8
200008	ENSG00000157211	0.94964547	0.00243572	0.38167557	0.96079652	NA	CDCP2
22976	ENSG00000157212	720.060133	0.07155116	0.10503944	0.47941438	0.70066897	PAXIP1
261729	ENSG00000157214	286.440889	-0.08516514	0.14525588	0.52528084	0.73786263	STEAP2
23648	ENSG00000157216	1786.68093	-0.08800935	0.09106608	0.31896107	0.54659755	SSBP3
3361	ENSG00000157219	0	NA	NA	NA	NA	HTR5A
9069	ENSG00000157224	1289.48032	-0.21876557	0.08887291	0.011186	0.04547752	CLDN12
4323	ENSG00000157227	27.4208563	1.61166446	0.69052813	0.0008118	0.00493444	MMP14
8321	ENSG00000157240	521.669648	0.04280082	0.10689218	0.67756861	0.84255476	FZD1
57798	ENSG00000157259	1717.7799	0.08627437	0.07420695	0.23619254	0.4530211	GATAD1
203328	ENSG00000157303	1.37292794	-0.01486915	0.37910267	0.82626189	NA	SUSD3
NA	ENSG00000157306	69.8109345	0.12937851	0.24203616	0.4970045	0.71500229	ZFHX2-AS1
146456	ENSG00000157315	10.0412497	-0.00330494	0.34139322	0.98094119	0.99355086	TMED6
348174	ENSG00000157322	2.72068317	0.09291158	0.39207274	0.27024399	0.49343279	CLEC18A
10901	ENSG00000157326	309.486256	0.30691129	0.1374767	0.01655879	0.06258837	DHRS4
728635	ENSG00000157326	309.486256	0.30691129	0.1374767	0.01655879	0.06258837	DHRS4
93190	ENSG00000157330	0	NA	NA	NA	NA	C1orf158
283971	ENSG00000157335	0.90740109	-0.05159104	0.38889269	0.2677938	NA	CLEC18C
221481	ENSG00000157343	44.0126169	0.57436978	0.35832259	0.02327083	0.08226894	ARMC12
11269	ENSG00000157349	584.388708	-0.04363795	0.1142402	0.68813292	0.84857639	DDX19B
6483	ENSG00000157350	1212.84537	-0.2164036	0.10747833	0.03537315	0.11420719	ST3GAL2
197258	ENSG00000157353	379.892773	0.5167324	0.15113021	0.00022519	0.00158071	FCSK
146433	ENSG00000157368	2.69357229	-0.13043345	0.40445666	0.18070386	0.37770382	IL34
115817	ENSG00000157379	169.021926	0.57972829	0.19309509	0.00076152	0.00465737	DHRS1
776	ENSG00000157388	400.428853	-0.69319754	0.17043424	1.05E-05	9.88E-05	CACNA1D
415	ENSG00000157399	0.87772087	0.02512699	0.38268914	0.63058073	NA	ARSL
3815	ENSG00000157404	222.404596	-0.51899985	0.16221307	0.00047885	0.00310675	KIT
54768	ENSG00000157423	7.22835248	0.28888677	0.50138363	0.07283628	0.19701047	HYDIN
132949	ENSG00000157426	303.791824	-0.05272401	0.13233844	0.67042299	0.83767652	AASDH
7567	ENSG00000157429	59.5646889	-0.16491675	0.25833158	0.39874054	0.62756224	ZNF19
55799	ENSG00000157445	5.28697407	-0.20022535	0.44111494	0.09986665	0.24900772	CACNA2D3
54778	ENSG00000157450	878.082357	0.28536017	0.123323	0.01429017	0.05545021	RNF111
9133	ENSG00000157456	1279.08251	-0.16088709	0.09897985	0.09185732	0.23406746	CCNB2
145773	ENSG00000157470	34.1840393	-0.5578361	0.44826318	0.03774335	0.12021642	FAM81A

4643	ENSG00000157483	585.470031	1.80276025	0.15494576	1.80E-32	1.11E-30	MYO1E
26060	ENSG00000157500	1499.2086	-0.25165886	0.07809898	0.00097075	0.0057629	APPL1
139221	ENSG00000157502	0	NA	NA	NA	NA	PWWP3B
134265	ENSG00000157510	131.106075	1.06017373	0.2276937	3.74E-07	4.55E-06	AFAP1L1
1831	ENSG00000157514	504.121916	-0.0351689	0.12670469	0.76706991	0.89269515	TSC22D3
10311	ENSG00000157538	1086.36315	0.02359339	0.09200965	0.79254532	0.90514041	VPS26C
1859	ENSG00000157540	1108.97349	-0.14892873	0.08398892	0.06876291	0.1890682	DYRK1A
3763	ENSG00000157542	0	NA	NA	NA	NA	KCNJ6
3772	ENSG00000157551	0.173733	0.01914545	0.38484597	0.78225479	NA	KCNJ15
2078	ENSG00000157554	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ERG
2114	ENSG00000157557	367.645462	-0.63358529	0.14400897	2.82E-06	2.96E-05	ETS2
90139	ENSG00000157570	3060.1594	-0.26135488	0.06295205	2.50E-05	0.00021943	TSPAN18
150082	ENSG00000157578	13.6640242	0.2595643	0.41119099	0.18694021	0.3867863	LCA5L
347734	ENSG00000157593	1420.01962	0.12863132	0.07309496	0.0730366	0.19747154	SLC35B2
84187	ENSG00000157600	1492.88514	0.09271275	0.09426485	0.31079109	0.53855384	TMEM164
4599	ENSG00000157601	0.37837616	0.0239029	0.38539626	0.61496056	NA	MX1
90993	ENSG00000157613	5.15925134	0.16597691	0.42123603	0.10101325	0.25117219	CREB3L1
25966	ENSG00000157617	209.886925	-0.13414311	0.23174199	0.46877093	0.69137681	C2CD2
257397	ENSG00000157625	754.150862	-0.17163411	0.11528578	0.11746617	0.2809883	TAB3
124565	ENSG00000157637	3384.26285	0.00103485	0.05998672	0.98657306	0.99555514	SLC38A10
257169	ENSG00000157653	8.67125087	-0.00547558	0.35367253	0.96611081	0.98690343	C9orf43
445815	ENSG00000157654	64.8881017	1.65650924	0.4139666	3.35E-06	3.46E-05	PALM2AKAP2
114991	ENSG00000157657	2660.83489	0.00997921	0.06323013	0.87290803	0.94439555	ZNF618
9162	ENSG00000157680	746.774617	-1.90824982	0.15601733	9.99E-36	6.91E-34	DGKI
203197	ENSG00000157693	439.032765	-0.61035926	0.16824977	7.65E-05	0.00059993	TMEM268
136306	ENSG00000157703	1.59523611	-0.00081364	0.38000234	0.98804209	NA	SVOPL
79856	ENSG00000157734	119.265143	-0.64570917	0.25811384	0.00263642	0.01357553	SNX22
254048	ENSG00000157741	1937.31684	0.00590292	0.06572638	0.92797869	0.96982181	UBN2
673	ENSG00000157764	1114.32664	-0.17113255	0.12966576	0.16226946	0.35094147	BRAF
10568	ENSG00000157765	0	NA	NA	NA	NA	SLC34A2
176	ENSG00000157766	0	NA	NA	NA	NA	ACAN
84262	ENSG00000157778	785.670483	-0.13451155	0.0947597	0.14210753	0.32078887	PSMG3
9478	ENSG00000157782	17.9390635	0.0482747	0.31828157	0.79155162	0.90499209	CABP1
57728	ENSG00000157796	589.94221	0.38565174	0.13476282	0.00222937	0.01175723	WDR19
84255	ENSG00000157800	1544.12894	0.08878093	0.08380594	0.27778332	0.5022529	SLC37A3
10239	ENSG00000157823	835.595883	0.07050315	0.11020408	0.50489247	0.72130144	AP3S2
114793	ENSG00000157827	2347.4924	0.15043489	0.07255633	0.03467291	0.112514	FMNL2
150946	ENSG00000157833	1039.13303	-0.69094421	0.09658668	2.01E-13	4.81E-12	GAREM2

121665	ENSG00000157837	955.413923	-0.22372385	0.10383831	0.02476636	0.08649264	SPPL3
56896	ENSG00000157851	8759.00006	-0.2381955	0.05843852	3.33E-05	0.00028417	DPYSL5
92749	ENSG00000157856	9.58222565	0.03316562	0.34179201	0.83801966	0.92636004	DRC1
9364	ENSG00000157869	209.657874	-0.02620225	0.1642694	0.85834667	0.93677309	RAB28
127281	ENSG00000157870	875.048868	-0.03227568	0.10898436	0.75653105	0.88693352	PRXL2B
8764	ENSG00000157873	5.02754008	0.06792205	0.36969591	0.58476494	0.78078479	TNFRSF14
55229	ENSG00000157881	637.848893	0.18561816	0.103971	0.06308911	0.17804949	PANK4
130106	ENSG00000157884	0	NA	NA	NA	NA	CIB4
84465	ENSG00000157890	39.221154	-0.6990937	0.49540924	0.01789378	0.06663148	MEGF11
64897	ENSG00000157895	383.450927	-0.16229573	0.13444272	0.19603374	0.39974691	C12orf43
5192	ENSG00000157911	421.918509	0.13299602	0.15157101	0.33976611	0.57015645	PEX10
11079	ENSG00000157916	1753.62763	-0.17870182	0.07860098	0.0198189	0.07246877	RER1
55698	ENSG00000157927	1444.86375	0.00189604	0.09498189	0.98474203	0.99473578	RADIL
6497	ENSG00000157933	1590.51162	-0.13032948	0.07565863	0.0784314	0.20835248	SKI
26100	ENSG00000157954	2003.78439	0.33024037	0.06689734	5.16E-07	6.14E-06	WIPI2
NA	ENSG00000157965	0	NA	NA	NA	NA	SSX8P
26119	ENSG00000157978	132.739427	1.20524587	0.2142546	1.85E-09	3.07E-08	LDLRAP1
116987	ENSG00000157985	2615.36396	-0.77773054	0.07120228	1.77E-28	9.63E-27	AGAP1
200634	ENSG00000157992	12.1445202	0.11090939	0.35261486	0.51083351	0.72605035	KRTCAP3
100310846	ENSG00000157999	40.3716779	-0.27131671	0.32795739	0.20570058	0.41269082	ANKRD61
5051	ENSG00000158006	244.112866	-0.35319697	0.17654582	0.02454798	0.08588629	PAFAH2
2134	ENSG00000158008	35.0846837	0.05364348	0.28680864	0.78135072	0.90003181	EXTL1
7780	ENSG00000158014	0.33842187	0.00212859	0.38337671	0.96813356	NA	SLC30A2
9577	ENSG00000158019	449.907829	-0.04649482	0.11144993	0.66208089	0.83297534	BABAM2
84676	ENSG00000158022	0.33471731	0.02354391	0.38534154	0.62842204	NA	TRIM63
144406	ENSG00000158023	6.73627554	-0.10259586	0.37098819	0.46759674	0.69041597	CFAP251
63875	ENSG00000158042	718.758564	0.08712051	0.11451762	0.42506488	0.65086728	MRPL17
1844	ENSG00000158050	6.91893002	1.72041513	1.78934948	0.00653367	0.02917579	DUSP2
57822	ENSG00000158055	0	NA	NA	NA	NA	GRHL3
91544	ENSG00000158062	325.343704	0.52470853	0.1350459	3.63E-05	0.00030857	UBXN11
338323	ENSG00000158077	2.18914891	0.02372344	0.3752586	0.78847317	NA	NLRP14
138639	ENSG00000158079	526.732606	0.03453769	0.10741121	0.73864039	0.87647218	PTPDC1
79623	ENSG00000158089	1068.24971	-1.74333921	0.09497717	2.20E-76	4.16E-74	GALNT14
4690	ENSG00000158092	278.882465	0.0091144	0.14639473	0.94626087	0.97814213	NCK1
3242	ENSG00000158104	1.34399714	-0.04455947	0.38505332	0.40971879	NA	HPD
114822	ENSG00000158106	456.465831	0.50030039	0.11522273	5.63E-06	5.62E-05	RHPN1
127262	ENSG00000158109	604.09066	0.15164435	0.10175044	0.12184969	0.2885531	TPRG1L
254050	ENSG00000158113	11.0710017	1.81874697	1.07751174	0.00263503	0.01357191	LRRC43

195827	ENSG00000158122	120.007329	0.07907181	0.19256451	0.63659818	0.81722218	PRXL2C
7498	ENSG00000158125	0	NA	NA	NA	NA	XDH
55113	ENSG00000158156	9.73403924	-0.11621248	0.36286838	0.46406371	0.68683506	XKR8
26504	ENSG00000158158	509.019618	-0.03081616	0.11627761	0.78014469	0.89936692	CNNM4
2140	ENSG00000158161	981.212244	0.09645945	0.09870632	0.31221413	0.53995191	EYA3
199221	ENSG00000158163	227.485648	-0.22806935	0.16770002	0.12925631	0.30074413	DZIP1L
11013	ENSG00000158164	886.556291	-0.03327513	0.08996685	0.70295703	0.85716076	TMSB15A
2176	ENSG00000158169	705.764371	-0.1304115	0.11334361	0.22733464	0.44210148	FANCC
22808	ENSG00000158186	1150.25319	0.15237522	0.11205116	0.1546997	0.3401953	MRAS
10163	ENSG00000158195	2337.94384	0.21480667	0.07160191	0.00223534	0.01178559	WASF2
171586	ENSG00000158201	139.421437	-0.46423884	0.22111867	0.01320234	0.05207442	ABHD3
83850	ENSG00000158220	55.1496268	0.10964837	0.2623608	0.57235314	0.7723153	ESYT3
55179	ENSG00000158234	164.265681	-0.35447811	0.17746934	0.02471827	0.0863703	FAIM
115572	ENSG00000158246	27.0607011	0.11312244	0.31473902	0.55737404	0.76258372	TENT5B
64084	ENSG00000158258	477.155704	-1.05722044	0.14165693	9.97E-15	2.65E-13	CLSTN2
81035	ENSG00000158270	3.70175244	0.1636535	0.41980341	0.13632616	0.3113874	COLEC12
388591	ENSG00000158286	397.988651	-0.19524057	0.11956968	0.08473205	0.22069796	RNF207
8450	ENSG00000158290	1320.35846	-0.17546634	0.08167426	0.02760374	0.09388964	CUL4B
387509	ENSG00000158292	942.122763	-0.48509154	0.09808697	3.12E-07	3.85E-06	GPR153
64849	ENSG00000158296	7.21886994	0.1387266	0.38058261	0.35915647	0.58949503	SLC13A3
114928	ENSG00000158301	719.360531	-0.33439862	0.09922439	0.00046808	0.00304681	GPRASP2
100528062	ENSG00000158301	719.360531	-0.33439862	0.09922439	0.00046808	0.00304681	GPRASP2
54933	ENSG00000158315	3.03264136	0.02722745	0.37400475	0.77281805	0.89561741	RHBDL2
26053	ENSG00000158321	3270.41939	0.16755272	0.10092755	0.08547618	0.22188243	AUTS2
57477	ENSG00000158352	0	NA	NA	NA	NA	SHROOM4
3017	ENSG00000158373	101.282007	-1.01795828	0.2653031	1.41E-05	0.00013044	H2BC5
995	ENSG00000158402	216.960796	0.24109005	0.15246417	0.08431278	0.21975376	CDC25C
8365	ENSG00000158406	13.6226322	0.10376258	0.35713381	0.51504001	0.72955207	H4C8
129531	ENSG00000158411	293.322932	0.35291408	0.1650644	0.01808395	0.06715058	MITD1
9669	ENSG00000158417	2767.24244	-0.15324233	0.07036042	0.02660186	0.09138928	EIF5B
158787	ENSG00000158423	6.53970011	0.05806779	0.35765066	0.68737086	0.84809937	RIBC1
286527	ENSG00000158427	272.370184	-0.16603479	0.14924199	0.2258767	0.4400858	TMSB15B
375307	ENSG00000158428	0.16735865	0.01897177	0.38482933	0.78225479	NA	CATIP
55571	ENSG00000158435	716.611149	-0.10500336	0.09773439	0.26546081	0.48783542	CNOT11
3745	ENSG00000158445	685.685421	-1.41734297	0.42562033	5.52E-05	0.00044565	KCNB1
340348	ENSG00000158457	463.222991	-0.25141382	0.12323644	0.03062354	0.10197567	TSPAN33
9542	ENSG00000158458	171.230416	-1.00082613	0.1862419	9.71E-09	1.47E-07	NRG2
23382	ENSG00000158467	415.018291	-0.02230924	0.13042796	0.85470797	0.93485893	AHCYL2

9334	ENSG00000158470	2228.23424	-0.42913149	0.08489072	2.09E-07	2.65E-06	B4GALT5
912	ENSG00000158473	0	NA	NA	NA	NA	CD1D
909	ENSG00000158477	0	NA	NA	NA	NA	CD1A
9825	ENSG00000158480	314.99649	0.10642185	0.12761919	0.37691555	0.60570261	SPATA2
911	ENSG00000158481	0	NA	NA	NA	NA	CD1C
NA	ENSG00000158482	3.48875602	0.21776802	0.46252764	0.05540657	0.16108826	SNX29P1
NA	ENSG00000158483	142.534276	0.03821878	0.18415665	0.81429838	0.91592004	FAM86C1P
910	ENSG00000158485	0	NA	NA	NA	NA	CD1B
55567	ENSG00000158486	0.15069912	-0.01848503	0.38480575	0.84537521	NA	DNAH3
913	ENSG00000158488	0	NA	NA	NA	NA	CD1E
57824	ENSG00000158497	0	NA	NA	NA	NA	HMHB1
1358	ENSG00000158516	0.173733	0.01914545	0.38484597	0.78225479	NA	CPA2
653361	ENSG00000158517	0	NA	NA	NA	NA	NCF1
93979	ENSG00000158525	0.35666205	0.02381692	0.38538104	0.61402664	NA	CPA5
90121	ENSG00000158526	794.220465	-0.13872124	0.09517328	0.13700105	0.31242538	TSR2
55607	ENSG00000158528	1030.17832	-0.18647493	0.08521254	0.02452561	0.08584828	PPP1R9A
124245	ENSG00000158545	1868.54421	0.0031227	0.06744493	0.96320843	0.98545957	ZC3H18
130617	ENSG00000158552	297.046316	-0.24479817	0.14819129	0.07237429	0.19602811	ZFAND2B
94026	ENSG00000158553	0.173733	0.01914545	0.38484597	0.78225479	NA	POM121L2
81544	ENSG00000158555	164.855308	-0.40988306	0.19258363	0.01501205	0.05773195	GDPD5
1780	ENSG00000158560	618.468543	0.83222515	0.13402839	9.51E-11	1.84E-09	DYNC1I1
5207	ENSG00000158571	5.52082752	-0.05796023	0.36579346	0.64995644	0.82529572	PFKFB1
212	ENSG00000158578	0.18922458	0.01954053	0.38488496	0.78225479	NA	ALAS2
222068	ENSG00000158604	2951.85353	0.09392828	0.06084798	0.11802582	0.2818698	TMED4
84919	ENSG00000158615	2251.50908	0.01043541	0.08271014	0.89802947	0.95533001	PPP1R15B
26958	ENSG00000158623	1254.16645	0.15091941	0.07598572	0.04269142	0.1320147	COPG2
56946	ENSG00000158636	576.195705	-0.10836746	0.1249092	0.35744814	0.58755353	EMSY
90737	ENSG00000158639	2.65170264	-0.12804767	0.40776715	0.12871668	0.29973461	PAGE5
137964	ENSG00000158669	2136.3798	-0.10135364	0.06500351	0.11332698	0.27313013	GPAT4
168507	ENSG00000158683	19.3075279	-0.33759122	0.42046651	0.13032477	0.30241443	PKD1L1
9753	ENSG00000158691	761.386641	-0.0167281	0.10320606	0.86526131	0.94028794	ZSCAN12
8407	ENSG00000158710	2533.79463	-0.29626677	0.06344905	2.11E-06	2.26E-05	TAGLN2
2005	ENSG00000158711	758.275897	0.13599271	0.10578864	0.18088321	0.37795923	ELK4
56833	ENSG00000158714	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SLAMF8
85414	ENSG00000158715	240.468418	0.27275165	0.15389293	0.05267907	0.1548976	SLC45A3
54935	ENSG00000158716	298.711701	0.18289273	0.14074671	0.16196016	0.35042673	DUSP23
115992	ENSG00000158717	405.199955	-0.02410901	0.15260856	0.86219032	0.9388505	RNF166
NA	ENSG00000158731	0	NA	NA	NA	NA	OR10J6P

4681	ENSG00000158747	1325.7552	-0.45907094	0.08812229	8.40E-08	1.12E-06	NBL1
100532736	ENSG00000158747	1325.7552	-0.45907094	0.08812229	8.40E-08	1.12E-06	NBL1
3362	ENSG00000158748	160.011474	-0.15033257	0.17331204	0.330046	0.55861736	HTR6
142683	ENSG00000158764	0	NA	NA	NA	NA	ITLN2
50848	ENSG00000158769	366.063042	0.29870323	0.20938666	0.09240056	0.23505924	F11R
7391	ENSG00000158773	1491.67769	0.05889983	0.07392393	0.41724899	0.64356838	USF1
64600	ENSG00000158786	0	NA	NA	NA	NA	PLA2G2F
124044	ENSG00000158792	202.913556	0.00012853	0.15301819	0.99987375	0.9998748	SPATA2L
4817	ENSG00000158793	493.862179	0.13917899	0.11735025	0.21253287	0.42238326	NIT1
9191	ENSG00000158796	1124.1486	0.21348486	0.09059124	0.01516183	0.05815016	DEDD
92822	ENSG00000158805	1310.77216	0.23230993	0.09178279	0.00904851	0.03817189	ZNF276
10361	ENSG00000158806	4.20028012	0.05983987	0.37310779	0.58799551	0.7828366	NPM2
1896	ENSG00000158813	3.13451338	-0.08430713	0.38471501	0.38845229	0.61758902	EDA
8822	ENSG00000158815	17.4367339	0.29384154	0.41787335	0.15888548	0.3462911	FGF17
127731	ENSG00000158816	3.53736892	-0.30162202	0.55940331	0.0171737	0.06448264	VWA5B1
978	ENSG00000158825	0	NA	NA	NA	NA	CDA
65018	ENSG00000158828	513.636128	0.03225156	0.1074257	0.75526273	0.88614698	PINK1
8703	ENSG00000158850	1407.83175	-0.00111231	0.08145957	0.98820828	0.99593885	B4GALT3
2039	ENSG00000158856	445.121941	-0.58433421	0.12751369	1.40E-06	1.55E-05	DMTN
9507	ENSG00000158859	873.441837	0.0602861	0.14843466	0.66449428	0.83444869	ADAMTS4
64760	ENSG00000158863	1095.35387	0.3480861	0.09348331	0.0001195	0.00089166	FAM160B2
4720	ENSG00000158864	3082.504	0.05089251	0.05880875	0.38124991	0.61019669	NDUFS2
115584	ENSG00000158865	5.08154885	0.24710898	0.47978046	0.06204978	0.17579147	SLC5A11
2207	ENSG00000158869	1.80000047	0.02197139	0.3752095	0.80305595	NA	FCER1G
336	ENSG00000158874	0	NA	NA	NA	NA	APOA2
84134	ENSG00000158882	539.904817	-0.09605994	0.12612759	0.41881155	0.6446754	TOMM40L
4359	ENSG00000158887	23.7636868	-0.65021981	0.50778871	0.02568772	0.0889587	MPZ
90199	ENSG00000158901	0	NA	NA	NA	NA	WFDC8
57805	ENSG00000158941	4198.38537	0.05996704	0.09227438	0.50444285	0.72099605	CCAR2
7484	ENSG00000158955	0	NA	NA	NA	NA	WNT9B
57685	ENSG00000158966	3032.79018	-0.71620054	0.05948157	5.05E-34	3.30E-32	CACHD1
56990	ENSG00000158985	397.616907	0.12786833	0.12568417	0.28149047	0.50630249	CDC42SE2
51735	ENSG00000158987	617.406924	-0.27365814	0.11858072	0.01352726	0.05313349	RAPGEF6
2035	ENSG00000159023	3219.74375	0.04136727	0.06774511	0.5347504	0.74572704	EPB41
54069	ENSG00000159055	384.732218	-0.05144756	0.12358387	0.65932212	0.83105722	MIS18A
79053	ENSG00000159063	817.49536	0.07608972	0.09125725	0.38858098	0.61774412	ALG8
54461	ENSG00000159069	1670.16497	0.09208888	0.07372429	0.20327181	0.40934965	FBXW5
56683	ENSG00000159079	1074.66485	0.14697898	0.09035392	0.0943841	0.23881909	CFAP298

8867	ENSG00000159082	526.117603	-0.97315349	0.15277643	2.02E-11	4.15E-10	SYNJ1
94104	ENSG00000159086	1656.57749	0.03951373	0.07043391	0.56878538	0.76944648	PAXBP1
3455	ENSG00000159110	287.587423	0.07156412	0.14169677	0.58643174	0.78212395	IFNAR2
124995	ENSG00000159111	1502.22884	-0.00034704	0.09195985	0.99473379	0.99852582	MRPL10
3460	ENSG00000159128	1044.9163	0.25325615	0.082424	0.00163959	0.00905606	IFNGR2
2618	ENSG00000159131	3094.34318	0.12711341	0.07314082	0.07663662	0.20469446	GART
6651	ENSG00000159140	6793.93047	-0.4511384	0.07777094	2.97E-09	4.78E-08	SON
29980	ENSG00000159147	484.998926	-0.09349837	0.11885718	0.40699808	0.63526409	DONSON
9900	ENSG00000159164	2562.31951	-0.47028592	0.07136534	1.93E-11	3.98E-10	SV2A
3898	ENSG00000159166	0	NA	NA	NA	NA	LAD1
6781	ENSG00000159167	0.173124	-0.01911262	0.38486262	0.84537521	NA	STC1
7135	ENSG00000159173	0.93703287	-0.03548087	0.38531853	0.45338	NA	TNNI1
1465	ENSG00000159176	540.276867	0.3983824	0.10773842	0.00011386	0.00085339	CSRP1
84366	ENSG00000159182	0	NA	NA	NA	NA	PRAC1
10481	ENSG00000159184	0	NA	NA	NA	NA	HOXB13
NA	ENSG00000159186	0	NA	NA	NA	NA	ATP5PO1
714	ENSG00000159189	0	NA	NA	NA	NA	C1QC
9992	ENSG00000159197	1.31524186	0.00929914	0.37896592	0.89090372	NA	KCNE2
516	ENSG00000159199	686.200927	-0.13778849	0.12238752	0.23347657	0.45042543	ATP5MC1
1827	ENSG00000159200	260.351749	-0.26880999	0.15279585	0.0543471	0.15863564	RCAN1
65264	ENSG00000159202	2162.55686	-0.0234656	0.06439499	0.71012919	0.86086784	UBE2Z
148523	ENSG00000159208	8.92430247	0.07876939	0.35949942	0.59564827	0.78816266	CIART
11267	ENSG00000159210	1553.61415	-0.18692906	0.08888576	0.03026209	0.10106039	SNF8
54102	ENSG00000159212	0.18922458	0.01954053	0.38488496	0.78225479	NA	CLIC6
149473	ENSG00000159214	173.81325	-0.04838275	0.17611829	0.75616699	0.88670553	CCDC24
861	ENSG00000159216	14.3472486	0.126314	0.35238508	0.46880107	0.69137681	RUNX1
100506403	ENSG00000159216	14.3472486	0.126314	0.35238508	0.46880107	0.69137681	RUNX1
10642	ENSG00000159217	11.839335	-2.37821327	1.18783491	0.00082786	0.0050106	IGF2BP1
2695	ENSG00000159224	0	NA	NA	NA	NA	GIP
873	ENSG00000159228	791.832836	-0.00578998	0.09624389	0.94867521	0.97892111	CBR1
874	ENSG00000159231	30.599798	-0.31731534	0.35196228	0.15324613	0.33804794	CBR3
NA	ENSG00000159239	2.92030553	0.08565032	0.38788142	0.34168301	0.57180671	
NA	ENSG00000159247	6.79858016	-0.19142116	0.41216588	0.20771436	0.41501037	TUBBP5
57369	ENSG00000159248	4.7729524	-0.18098626	0.41970547	0.16954555	0.36123762	GJD2
70	ENSG00000159251	0	NA	NA	NA	NA	ACTC1
23515	ENSG00000159256	1012.72113	0.06876055	0.08524351	0.41076173	0.63847247	MORC3
8208	ENSG00000159259	513.044943	-0.38313535	0.12414979	0.00107901	0.00630193	CHAF1B
23562	ENSG00000159261	0.30139824	-0.02296476	0.38527817	0.68536535	NA	CLDN14

6493	ENSG00000159263	5.71390944	-3.02120843	1.51101076	0.00272389	0.01396431	SIM2
3141	ENSG00000159267	753.290229	0.02175541	0.13030387	0.85896176	0.93718813	HLCS
342096	ENSG00000159289	2.91469743	0.17698053	0.4360494	0.06277151	0.17738025	GOLGA6A
80274	ENSG00000159307	47.7977227	-1.97329486	0.49479221	1.99E-06	2.14E-05	SCUBE1
201176	ENSG00000159314	75.3579481	0.38276091	0.26850784	0.06587365	0.18348074	ARHGAP27
83440	ENSG00000159322	831.653151	-0.13636046	0.1021157	0.16436387	0.35380049	ADPGK
5763	ENSG00000159335	6091.35722	-0.06022479	0.06548152	0.35118538	0.58135318	PTMS
283748	ENSG00000159337	0	NA	NA	NA	NA	PLA2G4D
23569	ENSG00000159339	0	NA	NA	NA	NA	PADI4
51094	ENSG00000159346	1702.55296	0.2699649	0.07118908	0.00011202	0.00084127	ADIPOR1
51706	ENSG00000159348	398.969093	-0.21555523	0.12454625	0.06600554	0.18369334	CYB5R1
5710	ENSG00000159352	4445.54991	0.00586654	0.05811125	0.91928355	0.96577102	PSMD4
23400	ENSG00000159363	1301.93703	-0.16291439	0.0826121	0.04301183	0.13271456	ATP13A2
130951	ENSG00000159374	0.71437841	-0.01573492	0.38252123	0.79790796	NA	M1AP
5692	ENSG00000159377	5038.74943	0.03204622	0.06136603	0.59740001	0.78921427	PSMB4
79190	ENSG00000159387	62.4383822	0.64073462	0.32762288	0.00983992	0.04094361	IRX6
7832	ENSG00000159388	545.346378	1.73054371	0.11337573	1.05E-53	1.13E-51	BTG2
221223	ENSG00000159398	0.54443584	0.03032242	0.38588423	0.55227227	NA	CES5A
3099	ENSG00000159399	1504.01117	0.20896412	0.11061216	0.04819064	0.14471721	HK2
715	ENSG00000159403	18.7127237	0.19157855	0.37501865	0.29544804	0.52201345	C1R
11189	ENSG00000159409	1948.47176	-1.56276695	0.07343471	1.36E-101	4.21E-99	CELF3
8659	ENSG00000159423	291.553626	0.11302889	0.15186118	0.42184652	0.64783923	ALDH4A1
57519	ENSG00000159433	1495.51787	0.6131873	0.09541187	3.80E-11	7.64E-10	STARD9
117145	ENSG00000159445	668.660568	0.17645922	0.09517758	0.05538683	0.16107809	THEM4
7062	ENSG00000159450	0	NA	NA	NA	NA	TCHH
26239	ENSG00000159455	0	NA	NA	NA	NA	LCE2B
197131	ENSG00000159459	874.674653	-0.45650194	0.1116027	1.88E-05	0.00016962	UBR1
267	ENSG00000159461	656.391049	-0.21211494	0.1107455	0.04474245	0.13648374	AMFR
112950	ENSG00000159479	433.934101	-0.16910343	0.11904316	0.13403849	0.30828734	MED8
116179	ENSG00000159495	0	NA	NA	NA	NA	TGM7
266747	ENSG00000159496	11.4016277	0.26323285	0.49855302	0.03571722	0.11513073	RGL4
6706	ENSG00000159516	0	NA	NA	NA	NA	SPRR2G
114771	ENSG00000159527	0	NA	NA	NA	NA	PGLYRP3
64843	ENSG00000159556	188.655445	-0.08850038	0.15871263	0.53942472	0.74850934	ISL2
89970	ENSG00000159579	665.813843	0.23183642	0.11259535	0.03080577	0.10237631	RSPRY1
149483	ENSG00000159588	12.0867291	0.10193288	0.35416602	0.53379421	0.74507367	CCDC17
60313	ENSG00000159592	1332.57452	-0.12274219	0.09749252	0.19212847	0.39427275	GPBP1L1
8883	ENSG00000159593	1380.74256	-0.07425737	0.07814776	0.33123145	0.56014592	NAE1

51249	ENSG00000159596	447.52945	-0.05803866	0.11583419	0.59837554	0.78991172	TMEM69
221188	ENSG00000159618	0	NA	NA	NA	NA	ADGRG5
84229	ENSG00000159625	13.0276999	0.0686593	0.35200883	0.65425027	0.82790673	DRC7
1636	ENSG00000159640	457.824699	0.15663848	0.12249301	0.17684722	0.37163689	ACE
374739	ENSG00000159648	7.31828275	-0.01803717	0.35542525	0.89341791	0.95389529	TEPP
131669	ENSG00000159650	0.5290841	0.03179438	0.38612054	0.46790964	NA	UROCI
9813	ENSG00000159658	636.976757	0.41312371	0.12213945	0.00035593	0.00238487	EFCAB14
10417	ENSG00000159674	10.7774803	-0.08474818	0.34942173	0.59980948	0.79066681	SPON2
84303	ENSG00000159685	276.402288	0.03747407	0.14397606	0.77877449	0.8988299	CHCHD6
1487	ENSG00000159692	3029.24509	0.10145843	0.06921358	0.13628125	0.3113874	CTBP1
55282	ENSG00000159708	20.7136545	0.47721908	0.49747536	0.06159438	0.17497602	LRRC36
NA	ENSG00000159712	2.29168666	-0.03643855	0.37489887	0.69788913	NA	ANKRD18CP
51673	ENSG00000159713	208.944217	-0.21229173	0.16754084	0.15796422	0.34496534	TPPP3
29800	ENSG00000159714	179.439167	0.72583507	0.19547032	4.10E-05	0.00034399	ZDHHC1
9114	ENSG00000159720	878.367148	-0.27655114	0.11563294	0.0118319	0.04771238	ATP6V0D1
181	ENSG00000159723	0.64500811	-0.03770254	0.386784	0.41114084	NA	AGRP
57732	ENSG00000159733	29.5905768	-0.09560861	0.31853516	0.60573056	0.79555768	ZFYVE28
146206	ENSG00000159753	443.963619	-1.84036631	0.15881204	2.51E-32	1.54E-30	CARMIL2
388284	ENSG00000159761	83.9533237	0.37389605	0.24875958	0.06111215	0.17385505	C16orf86
5304	ENSG00000159763	0	NA	NA	NA	NA	PIP
9715	ENSG00000159784	6.43557884	-0.14305166	0.38938032	0.30996018	0.53774299	FAM131B
6002	ENSG00000159788	1397.57912	0.20128617	0.12660575	0.09147256	0.23347687	RGS12
5681	ENSG00000159792	1281.80786	0.27953189	0.093004	0.00191245	0.01027725	PSKH1
7791	ENSG00000159840	864.955764	0.57578914	0.09330073	2.21E-10	4.09E-09	ZYX
29	ENSG00000159842	3980.08014	-0.13480262	0.05457594	0.01251943	0.04990667	ABR
NA	ENSG00000159860	0	NA	NA	NA	NA	TCAF2P1
284348	ENSG00000159871	4.47221864	-0.11921702	0.38888796	0.32452883	0.55221149	LYPD5
150275	ENSG00000159873	741.054466	0.03906404	0.0999686	0.68652718	0.84763827	CCDC117
7773	ENSG00000159882	208.769231	-0.14767354	0.15833537	0.30472322	0.53198909	ZNF230
203260	ENSG00000159884	115.845871	0.2718356	0.20555408	0.12121291	0.2874665	CCDC107
7673	ENSG00000159885	110.197622	0.08357508	0.22393826	0.64821514	0.82448382	ZNF222
4882	ENSG00000159899	173.347989	0.16253164	0.22112194	0.37216709	0.60109044	NPR2
NA	ENSG00000159904	1.67970679	0.03180163	0.37856483	0.68439553	NA	ZNF890P
7638	ENSG00000159905	101.15811	-0.2467136	0.25346212	0.20975142	0.41815395	ZNF221
353355	ENSG00000159915	156.135276	-0.03429417	0.18951494	0.83252198	0.92392457	ZNF233
9310	ENSG00000159917	354.235635	0.09701468	0.13693445	0.44871506	0.67234398	ZNF235
10020	ENSG00000159921	985.330268	-0.22270409	0.08679009	0.00830676	0.03563374	GNE
115650	ENSG00000159958	40.3665593	0.30987356	0.32598999	0.15720892	0.34399746	TNFRSF13C

8392	ENSG00000159961	0	NA	NA	NA	NA	OR3A3
2909	ENSG00000160007	4285.67442	-0.39534359	0.07294816	3.23E-08	4.54E-07	ARHGAP35
5739	ENSG00000160013	186.100261	0.3179084	0.19323458	0.0586293	0.1682196	PTGIR
808	ENSG00000160014	7786.80381	-0.24539752	0.05973682	2.96E-05	0.00025552	CALM3
1676	ENSG00000160049	2227.34592	-0.19821322	0.07051888	0.0041788	0.02002468	DFFA
79140	ENSG00000160050	334.80692	-0.42167865	0.14910394	0.00217905	0.01152249	CCDC28B
55721	ENSG00000160051	106.69828	0.03590314	0.20743207	0.83851043	0.92674595	IQCC
56063	ENSG00000160055	142.014508	0.26018226	0.20884901	0.14114772	0.31929662	TMEM234
55108	ENSG00000160058	1417.88808	0.06893041	0.07405129	0.34292341	0.57311341	BSDC1
653121	ENSG00000160062	163.069846	-0.19049124	0.18070743	0.23094683	0.44697932	ZBTB8A
83858	ENSG00000160072	1154.12791	0.21493368	0.08583669	0.01013096	0.04183108	ATAD3B
29101	ENSG00000160075	1414.52757	-0.08403793	0.07633812	0.2608123	0.48273755	SSU72
118424	ENSG00000160087	1426.43945	-0.12261161	0.08470013	0.13721239	0.31276353	UBE2J2
149076	ENSG00000160094	1266.54487	0.01327574	0.08736365	0.87768945	0.94578953	ZNF362
252995	ENSG00000160097	54.1001293	-1.75775326	0.39054084	4.26E-07	5.14E-06	FNDC5
27151	ENSG00000160111	11.0804674	0.59842107	0.97461971	0.02083524	0.07532272	CPAMD8
2063	ENSG00000160113	1713.67424	-0.14639641	0.07282684	0.04033285	0.1262121	NR2F6
126549	ENSG00000160117	515.869009	-0.52305939	0.10990537	7.14E-07	8.29E-06	ANKLE1
131076	ENSG00000160124	194.799588	-0.0799693	0.18239269	0.61722259	0.80396906	MIX23
203547	ENSG00000160131	791.505567	0.26102135	0.10023837	0.00685985	0.03042688	VMA21
8997	ENSG00000160145	2045.55958	-0.36008382	0.09802273	0.00013878	0.00102164	KALRN
148113	ENSG00000160161	54.0941054	0.08789454	0.24634591	0.64610004	0.82370422	CILP2
645332	ENSG00000160172	104.180687	0.00235472	0.20953012	0.99074459	0.99682401	FAM86C2P
9619	ENSG00000160179	85.3525977	-1.81073966	0.33692319	4.89E-09	7.68E-08	ABCG1
7033	ENSG00000160180	0	NA	NA	NA	NA	TFF3
7032	ENSG00000160181	0	NA	NA	NA	NA	TFF2
7031	ENSG00000160182	0	NA	NA	NA	NA	TFF1
64699	ENSG00000160183	0	NA	NA	NA	NA	TMPRSS3
53347	ENSG00000160185	0	NA	NA	NA	NA	UBASH3A
89765	ENSG00000160188	5.64931037	-0.06610175	0.36570368	0.61232238	0.80024215	RSPH1
54020	ENSG00000160190	88.9501421	-0.25624712	0.25085499	0.19106443	0.39259479	SLC37A1
5152	ENSG00000160191	525.333731	-0.40107114	0.12209634	0.00051744	0.0033245	PDE9A
10785	ENSG00000160193	499.1987	-0.0975298	0.11648224	0.3784008	0.60737234	WDR4
4731	ENSG00000160194	536.311154	-0.08832008	0.12684589	0.45934122	0.68256874	NDUFV3
5316	ENSG00000160199	562.23866	0.0817839	0.14422119	0.54122354	0.74967974	PKNOX1
875	ENSG00000160200	3383.79123	0.1198158	0.05828341	0.03752814	0.11968467	CBS
7307	ENSG00000160201	1435.05198	-0.24723251	0.2326483	0.18811696	0.38853222	U2AF1
1409	ENSG00000160202	0	NA	NA	NA	NA	CRYAA

11077	ENSG00000160207	14.7367698	0.36863761	0.47830976	0.09961135	0.24855856	HSF2BP
23076	ENSG00000160208	1907.52953	-0.15673961	0.07049852	0.02352835	0.08298336	RRP1B
8566	ENSG00000160209	1338.00413	-0.02293807	0.09554111	0.80342052	0.91070264	PDXK
105372824	ENSG00000160209	1338.00413	-0.02293807	0.09554111	0.80342052	0.91070264	PDXK
2539	ENSG00000160211	1014.02894	0.07419862	0.08891937	0.39237269	0.62167977	G6PD
1476	ENSG00000160213	575.968481	-0.10254781	0.10133262	0.29138499	0.51742125	CSTB
8568	ENSG00000160214	702.796682	0.0303064	0.11445622	0.78235227	0.90086297	RRP1
56894	ENSG00000160216	2295.32885	0.11319463	0.07329448	0.11512568	0.27658176	AGPAT3
7109	ENSG00000160218	1217.18382	-0.08340161	0.09539661	0.36595773	0.59518764	TRAPPC10
139716	ENSG00000160219	0	NA	NA	NA	NA	GAB3
8209	ENSG00000160221	133.645631	-0.0838785	0.18722533	0.60777869	0.79695264	GATD3A
23308	ENSG00000160223	0	NA	NA	NA	NA	ICOSLG
326	ENSG00000160224	0.60687039	0.03538224	0.38650176	0.41848568	NA	AIRE
755	ENSG00000160226	387.70931	0.33957708	0.12426045	0.00379757	0.01846659	CFAP410
7617	ENSG00000160229	194.519639	-0.12977369	0.1728571	0.39954239	0.62826628	ZNF66
81543	ENSG00000160233	240.655458	-0.00368047	0.15944842	0.97857704	0.9926868	LRRC3
3689	ENSG00000160255	0.8936208	-0.02377628	0.38232713	0.71099375	NA	ITGB2
85395	ENSG00000160256	419.242327	-0.08468081	0.11867408	0.45211452	0.67536839	FAM207A
5900	ENSG00000160271	6052.50801	0.1648705	0.05630013	0.00279775	0.01428023	RALGDS
10841	ENSG00000160282	4.5108189	-0.06038661	0.36752376	0.62739405	0.81091192	FTCD
84221	ENSG00000160284	156.483948	0.17543576	0.18060738	0.271661	0.49506331	SPATC1L
4047	ENSG00000160285	3176.81201	-0.14053689	0.09237455	0.11606822	0.27838412	LSS
7410	ENSG00000160293	1241.53625	-0.66780328	0.08695037	4.05E-15	1.12E-13	VAV2
8888	ENSG00000160294	3109.05491	0.12941246	0.06409204	0.04040925	0.12635452	MCM3AP
54058	ENSG00000160298	1027.40214	0.34264932	0.09605519	0.00022243	0.00156268	C21orf58
5116	ENSG00000160299	2182.72775	0.19420919	0.08246948	0.01578823	0.060111	PCNT
23181	ENSG00000160305	1445.57794	0.09339667	0.07808822	0.22195499	0.43502894	DIP2A
6285	ENSG00000160307	6.49096972	-0.14296852	0.38946892	0.31177613	0.53952362	S100B
3275	ENSG00000160310	1716.14842	0.02495663	0.07053148	0.71952715	0.86580657	PRMT2
125875	ENSG00000160318	3.36051433	-0.02625494	0.37211443	0.78877202	0.90411045	CLDND2
7757	ENSG00000160321	136.180962	-0.89131515	0.26322983	9.18E-05	0.00070511	ZNF208
11093	ENSG00000160323	564.532031	0.79225384	0.1227806	2.09E-11	4.29E-10	ADAMTS13
11094	ENSG00000160325	754.723805	0.34291972	0.10448467	0.0006273	0.00393597	CACFD1
11182	ENSG00000160326	485.939937	-0.32259298	0.13085168	0.00851363	0.03632481	SLC2A6
388561	ENSG00000160336	311.686603	0.15184415	0.14216968	0.24993876	0.46971535	ZNF761
110116772	ENSG00000160336	311.686603	0.15184415	0.14216968	0.24993876	0.46971535	ZNF761
2220	ENSG00000160339	0	NA	NA	NA	NA	FCN2
138162	ENSG00000160345	37.7893717	0.81069308	0.44730459	0.00791795	0.03421739	C9orf116

3933	ENSG00000160349	0	NA	NA	NA	NA	LCN1
148206	ENSG00000160352	1125.28826	-0.37636669	0.09471551	3.95E-05	0.00033274	ZNF714
26086	ENSG00000160360	2663.12004	-0.3098862	0.06833514	3.89E-06	3.99E-05	GPSM1
126526	ENSG00000160392	387.646087	-0.01192705	0.12648885	0.9197282	0.96608468	C19orf47
147746	ENSG00000160396	3.38466066	0.06503111	0.37432309	0.56269276	0.7656036	HIPK4
286207	ENSG00000160401	34.8933453	0.10152007	0.30742365	0.59617226	0.78832911	CFAP157
27433	ENSG00000160404	322.187713	0.19404588	0.14295876	0.14247514	0.3212532	TOR2A
30815	ENSG00000160408	612.409493	0.10454851	0.10724597	0.30986569	0.53771847	ST6GALNAC6
92799	ENSG00000160410	866.96294	0.31984161	0.09364357	0.00041624	0.00274175	SHKBP1
112724	ENSG00000160439	374.787296	-0.07136675	0.14714383	0.59799386	0.78960741	RDH13
10444	ENSG00000160445	824.323679	0.18640298	0.09404634	0.04065337	0.12691785	ZER1
84885	ENSG00000160446	366.040621	0.25463633	0.12987348	0.03668522	0.11767741	ZDHHC12
29941	ENSG00000160447	526.005527	-0.06675154	0.1088921	0.52179415	0.73509876	PKN3
57731	ENSG00000160460	637.10812	-1.77641433	0.11797969	2.26E-52	2.39E-50	SPTBN4
84446	ENSG00000160469	1687.97264	-0.13609108	0.07308601	0.05752058	0.16582509	BRSK1
125965	ENSG00000160471	4.07397354	-0.0972237	0.38393493	0.37450016	0.60363012	COX6B2
147744	ENSG00000160472	0.31807308	0.00101207	0.38336578	0.96737941	NA	TMEM190
147945	ENSG00000160505	0.52119901	0.02576573	0.38568143	0.51723676	NA	NLRP4
84814	ENSG00000160539	317.233174	-0.09865015	0.12891045	0.4155157	0.64244323	PLPP7
57551	ENSG00000160551	3402.01972	-0.11143727	0.0618169	0.0672863	0.18623888	TAOK1
9442	ENSG00000160563	322.590216	0.20893871	0.13437948	0.09588155	0.24171409	MED27
162989	ENSG00000160570	426.277269	0.15388203	0.11424977	0.1579364	0.34494256	DEDD2
23387	ENSG00000160584	860.612977	-0.11150191	0.08869301	0.19390553	0.39677039	SIK3
196264	ENSG00000160588	6.16348434	-0.31593454	0.55428393	0.0348688	0.1130018	MPZL3
120425	ENSG00000160593	0	NA	NA	NA	NA	JAML
284086	ENSG00000160602	76.7555261	-0.06866281	0.25024119	0.7165568	0.86359415	NEK8
116238	ENSG00000160606	45.2672398	-0.13354181	0.28491752	0.49852307	0.71624312	TLCD1
9159	ENSG00000160613	1892.12918	0.09108283	0.08525018	0.273558	0.49704244	PCSK7
6294	ENSG00000160633	3099.82554	-0.10249194	0.07140138	0.14348991	0.32277095	SAFB
917	ENSG00000160654	0	NA	NA	NA	NA	CD3G
6271	ENSG00000160678	14.9241741	0.12254502	0.33744052	0.50590128	0.72177288	S100A1
26097	ENSG00000160679	2690.16605	-0.09236316	0.0590651	0.11324469	0.27296498	CHTOP
643	ENSG00000160683	0	NA	NA	NA	NA	CXCR5
51043	ENSG00000160685	860.041277	0.40300771	0.09000139	3.98E-06	4.07E-05	ZBTB7B
80308	ENSG00000160688	1189.16778	0.19913823	0.08124036	0.01203995	0.04838417	FLAD1
6464	ENSG00000160691	9586.08119	0.4412578	0.06184655	4.66E-13	1.09E-11	SHC1
55823	ENSG00000160695	734.79319	-0.02828636	0.09857084	0.76557184	0.89220778	VPS11
79671	ENSG00000160703	353.653868	-0.11771331	0.142613	0.37253004	0.60143185	NLRX1

103	ENSG00000160710	7676.69872	-0.04675698	0.05299555	0.37215199	0.60109044	ADAR
3570	ENSG00000160712	6.26731095	0.01702473	0.37690542	0.80850702	0.91317199	IL6R
55585	ENSG00000160714	2481.60063	-0.31369307	0.06653049	1.62E-06	1.77E-05	UBE2Q1
1141	ENSG00000160716	3080.75167	-0.81722714	0.06746652	1.66E-34	1.10E-32	CHRN2
200186	ENSG00000160741	904.081213	0.18558017	0.08814553	0.03033688	0.10125905	CRTC2
55129	ENSG00000160746	272.902754	-0.08607981	0.14429345	0.51853378	0.73226139	ANO10
2224	ENSG00000160752	3252.75353	-0.43567679	0.08425502	1.11E-07	1.46E-06	FDPS
23623	ENSG00000160753	1083.73143	0.04512062	0.08559581	0.58877526	0.78350668	RUSC1
2630	ENSG00000160766	317.911978	0.06235718	0.1453605	0.64394799	0.82218471	GBAP1
10712	ENSG00000160767	2019.20766	0.11722453	0.07609887	0.11634649	0.27881559	FAM189B
79957	ENSG00000160781	309.56672	1.06868069	0.14607315	3.18E-14	8.17E-13	PAQR6
11243	ENSG00000160783	839.858068	0.20575542	0.08726112	0.01500074	0.0577108	PMF1
9673	ENSG00000160785	1257.00936	-0.13737517	0.08781769	0.10737285	0.26264053	SLC25A44
4000	ENSG00000160789	1883.85391	0.57151416	0.09104147	1.13E-10	2.15E-09	LMNA
1234	ENSG00000160791	0	NA	NA	NA	NA	CCR5
23218	ENSG00000160796	1521.24087	0.52805228	0.10239815	9.23E-08	1.22E-06	NBEAL2
151903	ENSG00000160799	474.575775	-0.05330602	0.12832648	0.65837039	0.83060337	CCDC12
5745	ENSG00000160801	13.5329399	-0.36029491	0.52186776	0.07994083	0.21113234	PTH1R
56893	ENSG00000160803	3542.85539	0.16868312	0.05806013	0.00327662	0.01630909	UBQLN4
4634	ENSG00000160808	3.50049941	0.11690241	0.39743939	0.22526591	0.43906825	MYL3
221908	ENSG00000160813	977.666367	-0.0554852	0.10282662	0.5746694	0.77361067	PPP1R35
54865	ENSG00000160818	1624.74894	-0.18901998	0.09376711	0.03717938	0.11883984	GPATCH4
149499	ENSG00000160838	3.16564577	0.02620411	0.37201488	0.79443001	0.90579008	LRRC71
115352	ENSG00000160856	0	NA	NA	NA	NA	FCRL3
563	ENSG00000160862	3.28301578	-0.17049018	0.42574685	0.10970541	0.26657138	AZGP1
2264	ENSG00000160867	197.878715	-0.1003218	0.15635774	0.48136179	0.7022219	FGFR4
1576	ENSG00000160868	0.18922458	0.01954053	0.38488496	0.78225479	NA	CYP3A4
1551	ENSG00000160870	0.80657935	-0.01800035	0.38258291	0.78501635	NA	CYP3A7
112939	ENSG00000160877	1740.40738	-0.05186891	0.08115193	0.51244446	0.72761026	NACCI
1584	ENSG00000160882	0	NA	NA	NA	NA	CYP11B1
3101	ENSG00000160883	2.39291242	-0.14839312	0.42043244	0.0573652	NA	HK3
54742	ENSG00000160886	0.33471731	0.02354391	0.38534154	0.62842204	NA	LY6K
9592	ENSG00000160888	4119.64145	1.40499392	0.07029792	6.37E-90	1.64E-87	IER2
84124	ENSG00000160908	728.063276	0.07603178	0.09643699	0.4157269	0.64256946	ZNF394
10898	ENSG00000160917	1457.13813	0.06726212	0.07204268	0.34203586	0.57202996	CPSF4
4061	ENSG00000160932	895.468332	-0.46863472	0.08996462	8.23E-08	1.10E-06	LY6E
51160	ENSG00000160948	1067.80928	0.0930513	0.08356178	0.25412487	0.47465989	VPS28
4796	ENSG00000160949	1380.95305	-0.28022727	0.0734836	9.88E-05	0.00075342	TONSL

5731	ENSG00000160951	41.9492801	-0.00677873	0.27735524	0.96979239	0.98858357	PTGER1
84939	ENSG00000160953	2003.583	0.32216737	0.06834566	1.61E-06	1.76E-05	PWWP3A
9401	ENSG00000160957	1638.37829	-0.17236325	0.07723411	0.02246542	0.07996302	RECQL4
9684	ENSG00000160959	822.326571	0.0920161	0.10477576	0.36161968	0.59140575	LRRC14
84449	ENSG00000160961	554.987953	0.18789464	0.1209076	0.10098914	0.25116589	ZNF333
136227	ENSG00000160963	150.674824	0.1764048	0.18279524	0.27326831	0.49676945	COL26A1
84988	ENSG00000160972	923.579149	0.16639164	0.08986918	0.05647959	0.16351308	PPP1R16A
8928	ENSG00000160973	3.42630868	-0.00161702	0.36851843	0.98601818	0.99524831	FOXH1
80228	ENSG00000160991	3828.42885	-0.20809801	0.05860348	0.00032021	0.00216972	ORAI2
54784	ENSG00000160993	447.148383	-0.09419075	0.12392879	0.42109653	0.64708816	ALKBH4
126402	ENSG00000160994	0	NA	NA	NA	NA	CCDC105
10603	ENSG00000160999	328.891258	-0.36654343	0.13866044	0.00451347	0.02134509	SH2B2
51149	ENSG00000161010	888.505954	0.27611763	0.10966875	0.00840698	0.03597811	MRNIP
8878	ENSG00000161011	1407.14321	0.16574813	0.10066322	0.08761432	0.22613087	SQSTM1
11282	ENSG00000161013	1680.53956	0.06573092	0.08852666	0.44588093	0.67028199	MGAT4B
6132	ENSG00000161016	29172.7682	-0.06345771	0.04658092	0.16729347	0.35828164	RPL8
9794	ENSG00000161021	1491.16769	-0.06619767	0.12611476	0.57580663	0.7744963	MAML1
114770	ENSG00000161031	0	NA	NA	NA	NA	PGLYRP2
222229	ENSG00000161036	1576.39915	-0.0146562	0.08012757	0.8565181	0.93595581	LRWD1
222235	ENSG00000161040	10.2925309	0.13072192	0.3796058	0.37596336	0.60500552	FBXL13
222236	ENSG00000161048	441.852174	-0.34315662	0.14301527	0.00953974	0.03991321	NAPEPLD
92304	ENSG00000161055	0.173124	-0.01911262	0.38486262	0.84537521	NA	SCGB3A1
5701	ENSG00000161057	1495.93208	0.00860395	0.121759	0.94492034	0.97756908	PSMC2
60680	ENSG00000161082	794.819449	-0.6535394	0.15241923	4.45E-06	4.51E-05	CELF5
126321	ENSG00000161091	923.272096	0.16028731	0.09664456	0.08629315	0.22368122	MFSD12
102725072	ENSG00000161103	10.0835096	0.28641281	0.5186988	0.03453315	0.11218738	
NA	ENSG00000161132	0.47253961	-0.00769265	0.38324381	0.86091375	NA	
373856	ENSG00000161133	0	NA	NA	NA	NA	USP41
113691	ENSG00000161149	192.208888	-0.35195659	0.16464392	0.01806213	0.067119	TUBA3FP
150223	ENSG00000161179	555.081119	-0.18229068	0.10894909	0.07985526	0.2109906	YDJC
164592	ENSG00000161180	7.37950909	0.17989093	0.40709066	0.22607046	0.44033358	CCDC116
1857	ENSG00000161202	4282.10213	0.26427609	0.05778819	3.41E-06	3.51E-05	DVL3
1173	ENSG00000161203	4287.80655	-0.23765435	0.05366325	7.56E-06	7.34E-05	AP2M1
55324	ENSG00000161204	727.903071	-0.00124465	0.11653216	0.9885318	0.99604194	ABCF3
5130	ENSG00000161217	894.758949	0.10016534	0.09968539	0.29831426	0.52511356	PCYT1A
126433	ENSG00000161243	246.797214	0.12015985	0.21462838	0.501409	0.71841948	FBXO27
93099	ENSG00000161249	0	NA	NA	NA	NA	DMKN
199746	ENSG00000161265	153.174348	0.05816958	0.18061709	0.71645602	0.86352515	U2AF1L4

622	ENSG00000161267	530.845076	0.00131999	0.1149729	0.99126933	0.9971497	BDH1
4868	ENSG00000161270	3.28454602	0.01890749	0.37740587	0.79380374	0.90579008	NPHS1
199745	ENSG00000161277	114.783913	-0.21946791	0.2202453	0.22777914	0.44270325	THAP8
1346	ENSG00000161281	0.69493202	0.03154416	0.38626309	0.41391645	NA	COX7A1
84911	ENSG00000161298	395.175987	-0.43044171	0.14208109	0.00111385	0.00648629	ZNF382
115399	ENSG00000161328	59.1249395	0.36393557	0.29380625	0.0930156	0.2361092	LRRC56
57125	ENSG00000161381	40.2861237	0.79395764	0.59023959	0.0145254	0.05614337	PLXDC1
93210	ENSG00000161395	271.937562	0.43925088	0.15217684	0.00173226	0.00947824	PGAP3
22806	ENSG00000161405	0	NA	NA	NA	NA	IKZF3
2905	ENSG00000161509	19.9771784	0.56766257	0.55909715	0.04105735	0.12797767	GRIN2C
2232	ENSG00000161513	344.849728	0.17867792	0.13589985	0.15872207	0.34601096	FDXR
29115	ENSG00000161526	1601.50312	0.14971411	0.09625531	0.10785359	0.26339391	SAP30BP
51	ENSG00000161533	750.892404	-0.01847915	0.1014894	0.8496324	0.9315671	ACOX1
5635	ENSG00000161542	1222.78233	0.09456469	0.07814989	0.21664419	0.42772621	PRPSAP1
114757	ENSG00000161544	1280.52549	-0.86923824	0.09103076	2.18E-22	9.14E-21	CYGB
6427	ENSG00000161547	9329.5588	0.14340656	0.05318345	0.00678021	0.03010054	SRSF2
84765	ENSG00000161551	180.89008	-0.01857013	0.21096375	0.91434414	0.96378282	ZNF577
55260	ENSG00000161558	249.079023	0.64210446	0.16374167	2.25E-05	0.00019993	TMEM143
317719	ENSG00000161594	0.89486476	-0.03580092	0.38549223	0.44826384	NA	KLHL10
147872	ENSG00000161609	0	NA	NA	NA	NA	KASH5
3060	ENSG00000161610	0	NA	NA	NA	NA	HCRT
126133	ENSG00000161618	554.656889	-0.19505205	0.11308151	0.07018247	0.1919256	ALDH16A1
117159	ENSG00000161634	0	NA	NA	NA	NA	DCD
3678	ENSG00000161638	3.51330291	-0.0584799	0.38185938	0.46913186	0.69153662	ITGA5
114132	ENSG00000161640	0	NA	NA	NA	NA	SIGLEC11
25946	ENSG00000161642	721.990841	0.3158978	0.10520534	0.00174721	0.00954158	ZNF385A
400709	ENSG00000161643	3.36460558	-0.0129914	0.36843743	0.90195347	0.95687554	SIGLEC16
4356	ENSG00000161647	303.506096	-0.67898526	0.1473527	9.51E-07	1.08E-05	MPP3
146894	ENSG00000161649	0	NA	NA	NA	NA	CD300LG
126123	ENSG00000161652	0	NA	NA	NA	NA	IZUMO2
162417	ENSG00000161653	7.44165696	0.02683749	0.35624135	0.84704966	0.93052693	NAGS
124801	ENSG00000161654	724.171914	-0.26472807	0.10254734	0.00720415	0.0316592	LSM12
92591	ENSG00000161664	55.3533675	0.32750928	0.28778326	0.1234786	0.29112482	ASB16
284361	ENSG00000161671	3005.40692	-0.05487793	0.05798361	0.33793547	0.56821327	EMC10
126119	ENSG00000161677	254.208893	0.53661114	0.15616275	0.00019888	0.0014158	JOSD2
50944	ENSG00000161681	1082.35819	-2.33579582	0.15153167	5.15E-55	5.94E-53	SHANK1
284069	ENSG00000161682	868.511912	-0.12898327	0.09489908	0.15949409	0.34700764	FAM171A2
80174	ENSG00000161692	543.181304	0.11130205	0.11665084	0.31668785	0.54452953	DBF4B

113026	ENSG00000161714	191.829195	0.04313135	0.24100294	0.81989479	0.91788244	PLCD3
91010	ENSG00000161791	943.448968	-0.04941685	0.08648614	0.5569314	0.76235124	FMNL3
362	ENSG00000161798	6.86751148	0.19713175	0.41882748	0.19028783	0.39162973	AQP5
29127	ENSG00000161800	2541.36808	-0.23579703	0.06044675	7.64E-05	0.00059936	RACGAP1
125962	ENSG00000161807	0	NA	NA	NA	NA	OR7G1
113251	ENSG00000161813	1366.31227	-0.27421822	0.11239208	0.01041377	0.04280283	LARP4
160622	ENSG00000161835	57.361454	0.0586027	0.29224665	0.76134842	0.88963735	TAMALIN
125950	ENSG00000161847	1597.0023	0.11727874	0.07678066	0.11892536	0.28328481	RAVER1
3890	ENSG00000161849	0	NA	NA	NA	NA	KRT84
3888	ENSG00000161850	0	NA	NA	NA	NA	KRT82
256126	ENSG00000161860	18.9960999	0.01636775	0.34176387	0.91862394	0.96558446	SYCE2
147841	ENSG00000161888	583.724349	0.00211672	0.11761218	0.9857226	0.99508557	SPC24
117283	ENSG00000161896	0.32239579	-0.02325345	0.38531858	0.66966207	NA	IP6K3
221496	ENSG00000161904	1336.28971	0.06584985	0.08413165	0.42217462	0.64814241	LEMD2
246	ENSG00000161905	0.173124	-0.01911262	0.38486262	0.84537521	NA	ALOX15
340205	ENSG00000161911	0	NA	NA	NA	NA	TREML1
221442	ENSG00000161912	14.5523736	0.12086394	0.34289514	0.50233738	0.7191395	ADCY10P1
115950	ENSG00000161914	244.794873	0.53826328	0.16274549	0.00031323	0.00212898	ZNF653
400569	ENSG00000161920	112.367391	0.28644509	0.21172153	0.1091824	0.26566224	MED11
58191	ENSG00000161921	6.87625574	0.2937282	0.51462206	0.060145	0.17157108	CXCL16
388325	ENSG00000161929	2.39776484	0.05639652	0.38069187	0.5126686	NA	SCIMP
NA	ENSG00000161939	43.3854256	0.14476068	0.31311439	0.46303524	0.68582451	RNASEK-C17orf49
255877	ENSG00000161940	6.22776568	-0.02000596	0.35514309	0.88309541	0.94857242	BCL6B
433	ENSG00000161944	0	NA	NA	NA	NA	ASGR2
8741	ENSG00000161955	54.6406021	0.10730597	0.29007552	0.58447559	0.7806123	TNFSF13
26168	ENSG00000161956	1648.25111	0.02160799	0.0693619	0.75263986	0.88425267	SENP3
2256	ENSG00000161958	220.450337	0.21828527	0.17298511	0.1582569	0.3453764	FGF11
1973	ENSG00000161960	18406.9446	-0.09451516	0.05815894	0.09997674	0.24918825	EIF4A1
6154	ENSG00000161970	13502.7898	-0.10761748	0.05283575	0.03759456	0.11981944	RPL26
146849	ENSG00000161973	0	NA	NA	NA	NA	CCDC42
51728	ENSG00000161980	456.405946	-0.0548809	0.11755375	0.62295785	0.80754549	POLR3K
79622	ENSG00000161981	493.53283	0.04830037	0.12154514	0.67602333	0.84148271	SNRNP25
146325	ENSG00000161992	2.30080806	0.02731772	0.3762151	0.75141889	NA	PRR35
197335	ENSG00000161996	1358.76898	0.47071092	0.07786879	6.62E-10	1.17E-08	WDR90
339123	ENSG00000161999	1236.79334	0.16246122	0.0909775	0.06588785	0.18349451	JMJD8
124093	ENSG00000162004	244.291013	0.21312823	0.18001635	0.1803305	0.37720159	CCDC78
NA	ENSG00000162006	0	NA	NA	NA	NA	MSLNL
6755	ENSG00000162009	0	NA	NA	NA	NA	SSTR5

90864	ENSG00000162032	673.758071	0.35322235	0.11048931	0.00082203	0.0049857	SPSB3
254528	ENSG00000162039	14.2910806	-0.23296875	0.40321429	0.21277851	0.42263393	MEIOB
64711	ENSG00000162040	0.29863895	-0.02292439	0.3852726	0.68753245	NA	HS3ST6
80178	ENSG00000162062	718.523539	0.09127797	0.10153291	0.35140808	0.58156116	TEDC2
899	ENSG00000162063	1128.01901	-0.50102833	0.08525079	1.66E-09	2.78E-08	CCNF
57465	ENSG00000162065	1217.35571	-0.13726783	0.07770714	0.07080321	0.19311736	TBC1D24
51005	ENSG00000162066	522.428028	0.19463506	0.11700055	0.0800895	0.21143808	AMDHD2
4917	ENSG00000162068	206.818508	-0.11266086	0.15340268	0.42197645	0.64793845	NTN3
146439	ENSG00000162069	0	NA	NA	NA	NA	BICDL2
124222	ENSG00000162073	1271.84159	-0.75797737	0.09260612	5.67E-17	1.74E-15	PAQR4
114984	ENSG00000162076	272.19473	-0.0245778	0.14958365	0.85730209	0.93625109	FLYWCH2
124220	ENSG00000162078	0	NA	NA	NA	NA	ZG16B
7627	ENSG00000162086	405.177954	-0.29022102	0.13908655	0.02461934	0.08611458	ZNF75A
115	ENSG00000162104	726.006066	-0.63520428	0.10396167	2.68E-10	4.93E-09	ADCY9
22941	ENSG00000162105	263.564169	-2.72340387	0.1814619	2.99E-52	3.11E-50	SHANK2
81570	ENSG00000162129	1421.62695	-0.08188416	0.0838602	0.3165391	0.54452953	CLPB
10825	ENSG00000162139	670.367842	-0.22706507	0.13527637	0.07207324	0.19555978	NEU3
22002	ENSG00000162144	894.170827	0.34705851	0.09900517	0.00027584	0.00189564	CYB561A3
22004	ENSG00000162148	32.4489353	0.57390886	0.53577381	0.03900475	0.12312718	PPP1R32
80150	ENSG00000162174	570.973268	-0.1080778	0.12024997	0.34255802	0.5727584	ASRGL1
2785	ENSG00000162188	9.51935208	-0.09281921	0.3593418	0.54541291	0.75298369	GNG3
51035	ENSG00000162191	2377.84118	0.14953155	0.06587784	0.02116596	0.07622857	UBXN1
79081	ENSG00000162194	182.50798	0.0573532	0.17119045	0.71186167	0.86154673	LBHD1
283237	ENSG00000162222	284.171798	-0.0025463	0.14417468	0.98374816	0.99447485	TTC9C
10629	ENSG00000162227	367.855173	-0.08063576	0.16519402	0.587506	0.78256674	TAF6L
10482	ENSG00000162231	1167.44141	0.22125772	0.09881654	0.02025942	0.07364363	NXF1
6811	ENSG00000162236	450.941016	0.26127332	0.11627754	0.01821844	0.06741028	STX5
283130	ENSG00000162241	169.136252	0.54272008	0.19303281	0.0015631	0.00869165	SLC25A45
6159	ENSG00000162244	16652.407	-0.04920276	0.0488517	0.30711656	0.53467818	RPL29
3699	ENSG00000162267	0	NA	NA	NA	NA	ITIH3
84447	ENSG00000162298	1182.60099	0.33683087	0.09790795	0.00036451	0.00243659	SYVN1
7542	ENSG00000162300	289.180097	0.29304802	0.15442049	0.03795527	0.12067829	ZFPL1
8986	ENSG00000162302	295.5288	0.64904405	0.19375819	0.00019045	0.00136163	RPS6KA4
4041	ENSG00000162337	2823.8517	-0.05716403	0.06171013	0.34970464	0.58009871	LRP5
219931	ENSG00000162341	332.676088	0.10340683	0.13559224	0.41402876	0.64129366	TPCN2
9965	ENSG00000162344	39.7394393	0.63804841	0.3832638	0.01692736	0.06372655	FGF19
284541	ENSG00000162365	0	NA	NA	NA	NA	CYP4A22
10158	ENSG00000162366	0	NA	NA	NA	NA	PDZK1IP1

6886	ENSG00000162367	0	NA	NA	NA	NA	TAL1
51727	ENSG00000162368	941.54762	-0.20529589	0.09666133	0.02729948	0.09320627	CMPK1
79656	ENSG00000162373	181.929691	-0.15373907	0.17320456	0.31864448	0.54631061	BEND5
1996	ENSG00000162374	3175.99639	-1.26277919	0.0627298	3.98E-91	1.07E-88	ELAVL4
65260	ENSG00000162377	739.627183	-0.3025216	0.10485308	0.00260915	0.01345957	COA7
79699	ENSG00000162378	1041.01853	-0.38641202	0.08619626	4.04E-06	4.13E-05	ZYG11B
6512	ENSG00000162383	0.96756134	0.02449976	0.38147848	0.67780217	NA	SLC1A7
54987	ENSG00000162384	621.653194	0.11334512	0.10100943	0.24466192	0.46339612	CZIB
4116	ENSG00000162385	567.293229	0.45933983	0.1055371	5.99E-06	5.94E-05	MAGOH
26027	ENSG00000162390	321.06173	0.05807595	0.14910944	0.67342525	0.83953925	ACOT11
338094	ENSG00000162391	0.51364586	0.01490651	0.38308195	0.74300609	NA	FAM151A
25973	ENSG00000162396	106.380867	-0.05773133	0.20824354	0.74051497	0.87742184	PARS2
163747	ENSG00000162398	0	NA	NA	NA	NA	LEXM
7809	ENSG00000162399	0.50207596	0.02562368	0.38565771	0.52549886	NA	BSND
23358	ENSG00000162402	2372.13813	0.06387023	0.12204557	0.58254517	0.77929311	USP24
8613	ENSG00000162407	2591.09758	-0.69057512	0.06945389	6.65E-24	3.04E-22	PLPP3
79707	ENSG00000162408	456.477265	-0.43884464	0.16637146	0.00357022	0.01757647	NOL9
5563	ENSG00000162409	884.901653	-0.39684566	0.08680649	2.59E-06	2.73E-05	PRKAA2
9903	ENSG00000162413	471.98262	-0.09863194	0.13341777	0.42769343	0.65358066	KLHL21
57643	ENSG00000162415	395.259321	-0.48860461	0.12706247	4.76E-05	0.00039207	ZSWIM5
10691	ENSG00000162419	424.20645	-0.28913588	0.12618267	0.01483534	0.05716317	GMEB1
50651	ENSG00000162426	80.3717353	-0.38439851	0.29906306	0.07895157	0.20949568	SLC45A1
57190	ENSG00000162430	3308.04414	-0.17062316	0.06515026	0.00786206	0.03402033	SELENON
205	ENSG00000162433	376.34134	0.1914723	0.1859131	0.23995367	0.4579339	AK4
3716	ENSG00000162434	2482.28069	-0.44545384	0.07220615	3.27E-10	5.98E-09	JAK1
55225	ENSG00000162437	1669.09375	-0.04220091	0.07538272	0.56744167	0.76896903	RAVER2
11330	ENSG00000162438	2.80162734	-0.01483476	0.37616812	0.84515806	0.92965052	CTRC
84328	ENSG00000162441	845.4091	-0.35459344	0.10364227	0.00036335	0.0024305	LZIC
116362	ENSG00000162444	5.60388216	0.57573156	1.38685265	0.01025959	0.04230054	RBP7
148930	ENSG00000162456	0	NA	NA	NA	NA	KNCN
54751	ENSG00000162458	2099.10153	0.46320559	0.07946061	2.49E-09	4.06E-08	FBLIM1
388595	ENSG00000162460	0.67240293	0.02556207	0.38355592	0.59055641	NA	TMEM82
284723	ENSG00000162461	85.5719436	0.37580054	0.28052315	0.07627938	0.20395995	SLC25A34
22977	ENSG00000162482	26.4656297	0.21866462	0.3355163	0.28993615	0.51590433	AKR7A3
374946	ENSG00000162490	80.8601923	-0.80025257	0.27248212	0.00051337	0.00330154	DRAXIN
10630	ENSG00000162493	0	NA	NA	NA	NA	PDPN
126755	ENSG00000162494	0	NA	NA	NA	NA	LRRC38
9249	ENSG00000162496	41.2006269	2.04547748	0.4272004	1.10E-07	1.44E-06	DHRS3

4146	ENSG00000162510	5.91789012	-0.13600623	0.39613792	0.26500355	0.48718221	MATN1
7805	ENSG00000162511	0.64286122	-0.04587562	0.38767119	0.36615328	NA	LAPTM5
9672	ENSG00000162512	1430.85064	0.02733848	0.07953575	0.72601841	0.86899144	SDC3
553115	ENSG00000162517	827.565537	0.24046619	0.08861353	0.00512895	0.02373651	PEF1
81493	ENSG00000162520	18.052452	-0.03332615	0.32476529	0.84835833	0.93099338	SYNC
5928	ENSG00000162521	5550.12153	-0.12387974	0.05610324	0.0228239	0.08099199	RBBP4
57648	ENSG00000162522	856.328986	-0.08941723	0.12537602	0.44832083	0.67234398	KIAA1522
81629	ENSG00000162526	51.9031474	0.28965873	0.30862091	0.17679588	0.37159566	TSSK3
255104	ENSG00000162542	65.4912099	1.45182861	0.3667106	5.52E-06	5.51E-05	TMCO4
127733	ENSG00000162543	13.3295657	2.77303391	0.87561126	7.99E-05	0.00062227	UBXN10
55450	ENSG00000162545	658.807448	-0.49078034	0.10591679	1.45E-06	1.59E-05	CAMK2N1
249	ENSG00000162551	118.377604	-0.46455314	0.31601794	0.04277137	0.13221938	ALPL
54361	ENSG00000162552	12.3255888	-1.46636562	0.86258921	0.00380148	0.01846752	WNT4
254173	ENSG00000162571	0	NA	NA	NA	NA	TTL10
6339	ENSG00000162572	138.736894	0.14670659	0.35430493	0.4171477	0.64356223	SCNN1D
54587	ENSG00000162576	139.355201	0.29487955	0.26669008	0.14716828	0.32869736	MXRA8
199990	ENSG00000162585	1157.45014	0.04716214	0.08686683	0.57829939	0.77638786	FAAP20
1953	ENSG00000162591	599.320396	1.08198875	0.15640344	5.25E-13	1.22E-11	MEGF6
148870	ENSG00000162592	1.90316167	0.10396118	0.39730915	0.20083214	NA	CCDC27
149233	ENSG00000162594	0	NA	NA	NA	NA	IL23R
9077	ENSG00000162595	22.3909994	-0.34015426	0.39874543	0.13203682	0.30496778	DIRAS3
127795	ENSG00000162598	0	NA	NA	NA	NA	C1orf87
4774	ENSG00000162599	653.202607	0.73696432	0.10829476	2.16E-12	4.82E-11	NFIA
115209	ENSG00000162600	130.097135	-0.16381971	0.19589623	0.33077325	0.55960955	OMA1
114803	ENSG00000162601	1530.99996	0.20472766	0.12894728	0.0913191	0.2332352	MYSM1
83941	ENSG00000162604	352.927155	-0.08938356	0.12376206	0.44349464	0.66851038	TM2D1
7398	ENSG00000162607	1609.64602	-0.519902	0.08206799	8.87E-11	1.72E-09	USP1
8880	ENSG00000162613	4621.87785	0.04148209	0.0730225	0.56355464	0.76627833	FUBP1
91624	ENSG00000162614	28.6085747	1.56976117	0.52364851	0.00015369	0.00111935	NEXN
11080	ENSG00000162616	195.613893	0.30777948	0.1752251	0.04871498	0.14601982	DNAJB4
64123	ENSG00000162618	0.16735865	0.01897177	0.38482933	0.78225479	NA	ADGRL4
127255	ENSG00000162620	33.472964	-0.26930068	0.35935565	0.2042199	0.41088053	LRRIQ3
105378803	ENSG00000162621	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LRRC53
127253	ENSG00000162623	469.04904	-0.37436897	0.11318076	0.00051977	0.00333728	TYW3
431707	ENSG00000162624	1.99137393	0.13373244	0.4169259	0.02804919	NA	LHX8
51375	ENSG00000162627	666.065408	-0.01321253	0.11199518	0.90093828	0.95641534	SNX7
8707	ENSG00000162630	26.4581776	2.45504057	0.52075397	1.52E-07	1.97E-06	B3GALT2
22854	ENSG00000162631	16.0107721	0.04462095	0.32141468	0.80526883	0.91169445	NTNG1

284611	ENSG00000162636	600.259791	-0.3154394	0.10850621	0.00235394	0.012316	FAM102B
113802	ENSG00000162639	0	NA	NA	NA	NA	HENMT1
254268	ENSG00000162641	10.4484345	0.00383372	0.36061284	0.9781671	0.99252469	AKNAD1
148423	ENSG00000162642	529.99873	0.07376044	0.12266251	0.5259912	0.73808697	C1orf52
126820	ENSG00000162643	0	NA	NA	NA	NA	DNAI3
2634	ENSG00000162645	1.3405357	0.06490519	0.38782687	0.32006197	NA	GBP2
127002	ENSG00000162650	326.159164	-0.0067168	0.13451137	0.95649458	0.9821879	ATXN7L2
115361	ENSG00000162654	1.44393847	-0.02208191	0.37948064	0.74740963	NA	GBP4
284695	ENSG00000162664	1383.57415	0.04475409	0.0764093	0.55077691	0.75727932	ZNF326
164045	ENSG00000162669	132.065724	0.05479074	0.20978521	0.75699188	0.88697677	HFM1
339479	ENSG00000162670	0.80195464	0.05170262	0.38861068	0.28387399	NA	BRINP3
2672	ENSG00000162676	2.16643338	0.09140788	0.39133367	0.28672559	NA	GFI1
NA	ENSG00000162685	0	NA	NA	NA	NA	LSP1P3
343450	ENSG00000162687	741.737596	0.32567701	0.09243392	0.00027463	0.00188992	KCNT2
178	ENSG00000162688	891.181089	0.02823624	0.09642328	0.76306122	0.89079933	AGL
7412	ENSG00000162692	0	NA	NA	NA	NA	VCAM1
2135	ENSG00000162694	1232.87667	-0.09373078	0.08301697	0.24655249	0.46577702	EXTL2
148867	ENSG00000162695	572.012899	-0.15859783	0.1094187	0.12835793	0.29903961	SLC30A7
NA	ENSG00000162699	0	NA	NA	NA	NA	DNAJA1P5
23528	ENSG00000162702	1041.43358	-0.22183646	0.08525216	0.00748751	0.03268473	ZNF281
10092	ENSG00000162704	2571.48347	-0.1190581	0.06260055	0.05367782	0.15715539	ARPC5
57863	ENSG00000162706	50.2456642	-3.77803608	0.46955937	7.22E-17	2.21E-15	CADM3
114548	ENSG00000162711	0.51805479	-0.0147833	0.38308519	0.75798034	NA	NLRP3
84838	ENSG00000162714	2447.74201	-0.03708988	0.06992519	0.58889761	0.78351083	ZNF496
25893	ENSG00000162722	0	NA	NA	NA	NA	TRIM58
89886	ENSG00000162723	0.173124	-0.01911262	0.38486262	0.84537521	NA	SLAMF9
127059	ENSG00000162727	0	NA	NA	NA	NA	OR2M5
3765	ENSG00000162728	193.393514	-3.51794757	0.2227838	3.24E-57	3.90E-55	KCNJ9
93185	ENSG00000162729	1039.05247	-0.00528316	0.0846201	0.94823301	0.97876335	IGSF8
4921	ENSG00000162733	5160.87656	0.21937034	0.18406308	0.17554782	0.36969203	DDR2
8682	ENSG00000162734	2932.64192	-0.53270897	0.06140709	1.50E-18	5.23E-17	PEA15
5824	ENSG00000162735	1490.1104	0.11938394	0.11153582	0.26320838	0.48523083	PEX19
23385	ENSG00000162736	1882.20656	0.06550996	0.08846817	0.44843412	0.67234398	NCSTN
57216	ENSG00000162738	2711.66218	0.02519322	0.06047496	0.67511347	0.84091366	VANGL2
114836	ENSG00000162739	0	NA	NA	NA	NA	SLAMF6
25903	ENSG00000162745	32.4292096	1.03365312	0.47974099	0.00254819	0.01318971	OLFML2B
127943	ENSG00000162746	2.92173933	-0.09572563	0.38611335	0.36366137	0.59353748	FCRLB
2215	ENSG00000162747	0	NA	NA	NA	NA	FCGR3B

284525	ENSG00000162753	0.91378936	0.05235943	0.3890638	0.24527608	NA	SLC9C2
126823	ENSG00000162755	15.2346664	0.0485743	0.32518679	0.7855697	0.90248778	KLHDC9
148304	ENSG00000162757	350.90066	-0.35489836	0.13743246	0.00560053	0.02561423	C1orf74
4009	ENSG00000162761	0	NA	NA	NA	NA	LMX1A
440699	ENSG00000162763	0	NA	NA	NA	NA	LRRC52
28982	ENSG00000162769	1195.04641	-0.0958557	0.11868722	0.39442272	0.623633	FLVCR1
149647	ENSG00000162771	0.14931947	-0.01844332	0.38480212	0.84537521	NA	FAM71A
467	ENSG00000162772	350.308713	1.9673877	0.21157657	9.97E-22	4.05E-20	ATF3
64783	ENSG00000162775	460.465999	-0.33810297	0.12161666	0.00327805	0.01631212	RBM15
79961	ENSG00000162777	1.14317494	-0.04424769	0.38409198	0.40081813	NA	DENND2D
126859	ENSG00000162779	2.3905836	0.08296977	0.38702321	0.35554863	NA	AXDND1
163589	ENSG00000162782	6.54835896	2.46671601	1.46033191	0.00342289	0.01693099	TDRD5
51278	ENSG00000162783	874.165409	0.06160678	0.09162169	0.48923019	0.70874969	IER5
25992	ENSG00000162804	69.7706395	0.04277099	0.22391992	0.81588453	0.9163678	SNED1
10380	ENSG00000162813	639.270552	0.14052169	0.11122604	0.1863955	0.38610218	BPNT1
128153	ENSG00000162814	36.1467709	0.49427914	0.43423068	0.05393025	0.15767405	SPATA17
79762	ENSG00000162817	347.320389	0.9106851	0.14750024	1.02E-10	1.97E-09	C1orf115
148362	ENSG00000162819	812.706524	-0.22089621	0.10264119	0.02506622	0.08732798	BROX
100288142	ENSG00000162825	1876.88947	-0.29592473	0.0688102	1.19E-05	0.00011146	NBPF20
51205	ENSG00000162836	324.404023	0.26132242	0.15239101	0.06109041	0.17383343	ACP6
NA	ENSG00000162840	0	NA	NA	NA	NA	MT2P1
128025	ENSG00000162843	0.16735865	0.01897177	0.38482933	0.78225479	NA	WDR64
55083	ENSG00000162849	4666.07869	-0.89852573	0.08331679	6.43E-28	3.43E-26	KIF26B
64216	ENSG00000162851	635.690803	-0.04402934	0.09570979	0.63396857	0.81531966	TFB2M
163882	ENSG00000162852	1411.47595	0.01900067	0.09604246	0.83895408	0.92674595	CNST
129285	ENSG00000162869	250.339261	0.34858941	0.18141376	0.03005551	0.10045507	PPP1R21
55220	ENSG00000162873	13.8814635	0.28623551	0.4519845	0.13180818	0.30460971	KLHDC8A
148811	ENSG00000162877	6.34564116	-0.05041258	0.36314585	0.69548322	0.85296328	PM20D1
91461	ENSG00000162878	427.026652	0.47005998	0.12830268	0.00010406	0.00078856	PKDCC
165140	ENSG00000162881	3.11635141	-0.02422893	0.36881879	0.82174031	0.91847813	OXER1
23498	ENSG00000162882	1.29380723	0.03216309	0.38112497	0.62867729	NA	HAAO
148789	ENSG00000162885	1743.17697	-0.21828172	0.07143486	0.00182742	0.00990601	B3GALNT2
NA	ENSG00000162888	0	NA	NA	NA	NA	C1orf147
9261	ENSG00000162889	1125.91862	0.5951578	0.08296337	2.28E-13	5.41E-12	MAPKAPK2
50604	ENSG00000162891	0	NA	NA	NA	NA	IL20
11009	ENSG00000162892	0.15069912	-0.01848503	0.38480575	0.84537521	NA	IL24
9214	ENSG00000162894	4.62311937	-0.27483891	0.52420677	0.01367263	0.05356431	FMR
5284	ENSG00000162896	0	NA	NA	NA	NA	PIGR

83953	ENSG00000162897	0	NA	NA	NA	NA	FCAMR
824	ENSG00000162909	2982.75895	0.12737458	0.06505601	0.04673155	0.14137754	CAPN2
128308	ENSG00000162910	556.266017	0.13299001	0.11314702	0.21871085	0.43056392	MRPL55
574407	ENSG00000162913	62.8121386	0.52481661	0.35111296	0.03229055	0.10634868	OBSCN-AS1
80232	ENSG00000162923	3894.57926	-0.17280762	0.06404039	0.00614498	0.02766124	WDR26
5966	ENSG00000162924	371.482068	0.03998673	0.12974652	0.74407846	0.8795065	REL
150962	ENSG00000162927	116.12764	-0.06961665	0.22650063	0.70269282	0.85699455	PUS10
5194	ENSG00000162928	446.325678	-0.02320443	0.12115935	0.83908087	0.92674595	PEX13
84542	ENSG00000162929	405.809195	0.16120756	0.15428551	0.25313597	0.47339218	KIAA1841
51127	ENSG00000162931	189.472256	0.71125996	0.17483144	1.02E-05	9.64E-05	TRIM17
130132	ENSG00000162944	19.2033821	2.91566273	0.91588677	4.45E-05	0.00036941	RFTN2
27185	ENSG00000162946	311.241844	-0.42339494	0.15827021	0.00341941	0.01691795	DISC1
150596	ENSG00000162947	0	NA	NA	NA	NA	LINC01931
92291	ENSG00000162949	22.9718157	-0.44740092	0.50227256	0.0701808	0.1919256	CAPN13
347730	ENSG00000162951	16.5280501	1.26466179	0.76314832	0.0044846	0.02124509	LRRTM1
51072	ENSG00000162959	750.29172	-0.19258533	0.1080331	0.06222017	0.17614842	MEMO1
84661	ENSG00000162961	683.155104	0.03024328	0.10104233	0.75725869	0.88697677	DPY30
129450	ENSG00000162971	340.099876	0.01777183	0.12644624	0.88188328	0.94786089	TYW5
79568	ENSG00000162972	181.401396	0.1144984	0.1648345	0.44208686	0.66680698	MAIP1
3754	ENSG00000162975	2.87043955	-0.04588572	0.37600384	0.62872183	0.81183476	KCNF1
130814	ENSG00000162976	71.6366403	0.46677272	0.31425531	0.04236429	0.13122678	SLC66A3
26225	ENSG00000162980	1123.76084	0.10654661	0.09049878	0.22601307	0.44026503	ARL5A
151354	ENSG00000162981	240.251814	0.4392347	0.1783278	0.0059224	0.02688797	LRATD1
3760	ENSG00000162989	45.4379967	-0.90073601	0.39994055	0.00262959	0.01354741	KCNJ3
4760	ENSG00000162992	130.970491	0.23027758	0.19986329	0.17945555	0.37588663	NEUROD1
130162	ENSG00000162994	196.037646	0.31967996	0.18986573	0.05412767	0.15818132	CLHC1
344405	ENSG00000162997	65.8610631	0.14427515	0.25049728	0.45467694	0.67793979	PRORSD1P
2487	ENSG00000162998	302.688012	0.38386079	0.13802781	0.00287386	0.01460438	FRZB
142679	ENSG00000162999	87.702068	-0.66631651	0.30068873	0.00506247	0.02346713	DUSP19
112942	ENSG00000163001	409.98464	0.14390189	0.12076689	0.20923687	0.41746374	CFAP36
129401	ENSG00000163002	321.223942	-0.32757627	0.14135767	0.01240764	0.04957059	NUP35
165055	ENSG00000163006	388.10475	-0.14882418	0.12354465	0.20076099	0.40598289	CCDC138
151112	ENSG00000163012	1.98379226	-0.07503058	0.38670646	0.35311588	NA	ZSWIM2
150726	ENSG00000163013	961.503419	-0.36777066	0.08855407	1.88E-05	0.00016926	FBXO41
200420	ENSG00000163016	10.0507794	0.12167893	0.36537285	0.44557406	0.67028199	ALMS1P1
72	ENSG00000163017	0.37282482	-0.01055631	0.38373802	0.9081619	NA	ACTG2
80304	ENSG00000163026	887.836933	-0.19576176	0.11199889	0.06674892	0.1852425	WDCP
79677	ENSG00000163029	1604.4946	-0.04609597	0.07681794	0.53955236	0.74863409	SMC6

7447	ENSG00000163032	141.573097	2.08758841	0.24627431	1.51E-18	5.27E-17	VSNL1
90557	ENSG00000163040	280.177705	0.14739387	0.15808971	0.3060482	0.53375494	CCDC74A
3020	ENSG00000163041	12438.1888	-0.00015524	0.0499021	0.99281031	0.99758706	H3-3A
554226	ENSG00000163046	7.10424242	0.16787258	0.40272035	0.24468436	0.46339612	ANKRD30BL
56997	ENSG00000163050	997.579021	-0.13313194	0.09873194	0.16198405	0.35042673	COQ8A
151473	ENSG00000163053	173.534612	-0.50849538	0.22496253	0.00762995	0.03318243	SLC16A14
150483	ENSG00000163060	0.29863895	-0.02292439	0.3852726	0.68753245	NA	TEKT4
2019	ENSG00000163064	0	NA	NA	NA	NA	EN1
6443	ENSG00000163069	1257.53093	-0.31594248	0.07770772	3.17E-05	0.00027109	SGCB
132671	ENSG00000163071	41.4563213	0.16488476	0.33339078	0.39708637	0.62614796	SPATA18
115677	ENSG00000163072	19.7290535	-0.02241569	0.32339221	0.89607548	0.95469109	NOSTRIN
200373	ENSG00000163075	0.3885105	0.0240703	0.38542007	0.6015462	NA	CFAP221
151278	ENSG00000163081	0	NA	NA	NA	NA	CCDC140
130367	ENSG00000163082	50.0586851	0.17867616	0.26730672	0.36944396	0.59883728	SGPP2
3625	ENSG00000163083	0.33471731	0.02354391	0.38534154	0.62842204	NA	INHBB
129446	ENSG00000163092	0	NA	NA	NA	NA	XIRP2
129880	ENSG00000163093	159.949275	0.37576742	0.19382046	0.02621608	0.09036257	BBS5
112401	ENSG00000163098	0	NA	NA	NA	NA	BIRC8
56916	ENSG00000163104	2348.21828	-0.17897993	0.0674208	0.0069307	0.03070682	SMARCD1
27306	ENSG00000163106	0	NA	NA	NA	NA	HPGDS
10611	ENSG00000163110	1867.42125	0.27246071	0.0945884	0.00288941	0.01464636	PDLIM5
5161	ENSG00000163114	0	NA	NA	NA	NA	PDHA2
285555	ENSG00000163116	1.20108203	-0.00601984	0.37851058	0.92996282	NA	STPG2
93082	ENSG00000163121	0.173733	0.01914545	0.38484597	0.78225479	NA	NEURL3
23248	ENSG00000163125	1801.72574	-0.31234203	0.07611947	2.72E-05	0.00023675	RPRD2
200539	ENSG00000163126	111.865698	0.03527078	0.20654172	0.84089104	0.92777657	ANKRD23
1520	ENSG00000163131	4.42880755	0.15153924	0.40688703	0.20554127	0.41249633	CTSS
4487	ENSG00000163132	6.81236598	0.03088644	0.3568635	0.82087749	0.91847813	MSX1
133015	ENSG00000163138	323.140649	0.18513132	0.14183327	0.15959051	0.34717936	PACRGL
149428	ENSG00000163141	27.1894859	-1.46684594	0.67441653	0.00123681	0.00708992	BNIP1
114905	ENSG00000163145	0.64397944	0.03581381	0.38644566	0.46226837	NA	C1QTNF7
79626	ENSG00000163154	5.68146329	0.05089546	0.36051023	0.70925236	0.86048841	TNFAIP8L2
388695	ENSG00000163155	474.204549	0.02600217	0.11613958	0.81521344	0.91605316	LYSMD1
79005	ENSG00000163156	458.118701	0.18605435	0.11315164	0.08487392	0.22086812	SCNM1
100534012	ENSG00000163156	458.118701	0.18605435	0.11315164	0.08487392	0.22086812	SCNM1
29765	ENSG00000163157	9.2425594	0.21862463	0.41249217	0.20823678	0.4158149	TMOD4
6944	ENSG00000163159	1718.87005	0.08055096	0.06862957	0.23303474	0.44988944	VPS72
2071	ENSG00000163161	1854.42567	0.15233599	0.07030498	0.02750236	0.09365718	ERCC3

284996	ENSG00000163162	398.479359	0.22225457	0.11976009	0.05037129	0.14978512	RNF149
55677	ENSG00000163166	1100.19345	-0.02531868	0.08579847	0.76123672	0.88962039	IWS1
388962	ENSG00000163170	201.61628	0.06716933	0.15730437	0.64625907	0.82370422	BOLA3
10602	ENSG00000163171	1606.2504	0.00610723	0.07869926	0.93760629	0.97366414	CDC42EP3
6282	ENSG00000163191	87.609111	10.9843322	2.93735994	1.11E-16	3.37E-15	S100A11
84648	ENSG00000163202	0	NA	NA	NA	NA	LCE3D
4184	ENSG00000163206	0	NA	NA	NA	NA	SMCP
3713	ENSG00000163207	0	NA	NA	NA	NA	IVL
6707	ENSG00000163209	0	NA	NA	NA	NA	SPRR3
90957	ENSG00000163214	1249.64821	-0.02057486	0.09633362	0.83944854	0.92700985	DHX57
6703	ENSG00000163216	0	NA	NA	NA	NA	SPRR2D
27302	ENSG00000163217	0	NA	NA	NA	NA	BMP10
57115	ENSG00000163218	0	NA	NA	NA	NA	PGLYRP4
9938	ENSG00000163219	14.0709136	0.14893854	0.35227003	0.41503386	0.64209855	ARHGAP25
6280	ENSG00000163220	0	NA	NA	NA	NA	S100A9
6283	ENSG00000163221	0	NA	NA	NA	NA	S100A12
7039	ENSG00000163235	5.42758061	-0.02278587	0.36669359	0.83403599	0.92432089	TGFA
126668	ENSG00000163239	2.0793011	0.09478261	0.39228211	0.27095834	NA	TDRD10
151195	ENSG00000163249	337.291403	0.54864062	0.15097182	9.16E-05	0.00070379	CCNYL1
7855	ENSG00000163251	46.211518	-0.48494519	0.34301774	0.04334069	0.13334089	FZD5
1420	ENSG00000163254	0.52119901	0.02576573	0.38568143	0.51723676	NA	CRYGC
54876	ENSG00000163257	1411.20106	0.14516349	0.08558335	0.08171224	0.2145825	DCAF16
388701	ENSG00000163263	0.16735865	0.01897177	0.38482933	0.78225479	NA	C1orf189
4880	ENSG00000163273	0.33468635	-0.02324288	0.38531994	0.67674993	NA	NPPC
132789	ENSG00000163281	488.769171	0.18886678	0.11146989	0.07614012	0.2036974	GNPDA2
250	ENSG00000163283	0.33471731	0.02354391	0.38534154	0.62842204	NA	ALPP
2565	ENSG00000163285	0	NA	NA	NA	NA	GABRG1
251	ENSG00000163286	0	NA	NA	NA	NA	ALPG
2560	ENSG00000163288	2.71263968	0.20765234	0.46761039	0.00653964	0.02918662	GABRB1
152559	ENSG00000163291	932.342087	-0.15595904	0.09095812	0.0770427	0.20558039	PAQR3
152519	ENSG00000163293	19.5410369	0.05779417	0.32000561	0.75218127	0.88402798	NIPAL1
248	ENSG00000163295	0	NA	NA	NA	NA	ALPI
118429	ENSG00000163297	1077.81585	0.4555108	0.08443818	3.14E-08	4.42E-07	ANTXR2
113510	ENSG00000163312	190.879778	-0.20041573	0.18053053	0.20740468	0.41455862	HELQ
51023	ENSG00000163319	280.880124	0.14931248	0.14265929	0.25687536	0.47790765	MRPS18C
8545	ENSG00000163320	2463.67413	-0.25999503	0.08005928	0.00087208	0.00525421	CGGBP1
84142	ENSG00000163322	150.45336	-0.07835121	0.1800377	0.62133339	0.80672374	ABRAXAS1
151556	ENSG00000163328	377.433973	1.71218802	0.13706683	6.88E-37	4.91E-35	GPR155

92196	ENSG00000163331	0.50363226	0.01236985	0.38343365	0.76764028	NA	DAPL1
10654	ENSG00000163344	810.519117	0.10616527	0.09365357	0.24285167	0.4611137	PMVK
57326	ENSG00000163346	1149.44046	1.06640248	0.07946343	5.93E-42	4.71E-40	PBXIP1
9076	ENSG00000163347	0	NA	NA	NA	NA	CLDN1
90780	ENSG00000163348	2323.34178	-0.16549089	0.06349814	0.00825754	0.03547631	PYGO2
204851	ENSG00000163349	1284.77312	0.03784238	0.07674629	0.61596783	0.80313338	HIPK1
55891	ENSG00000163352	2.71037926	0.16420915	0.43054495	0.03724782	0.11900108	LENEP
127579	ENSG00000163354	16.1014659	0.41040612	0.55596531	0.06523828	0.1822483	DCST2
149095	ENSG00000163357	3.97696662	0.21296212	0.45117373	0.08584397	0.22274971	DCST1
1293	ENSG00000163359	9.3882341	-2.67370013	1.22614028	0.00073538	0.00451842	COL6A3
55765	ENSG00000163362	207.68932	0.34212956	0.17357366	0.02754787	0.09374783	INAVA
NA	ENSG00000163364	163.164504	-0.08068206	0.18452775	0.61742675	0.80410573	LINC01116
55249	ENSG00000163374	1352.68393	-0.15562123	0.08639441	0.06402565	0.17979744	YY1AP1
84541	ENSG00000163376	86.0719604	0.21385971	0.26087667	0.28068238	0.50533016	KBTBD8
151647	ENSG00000163377	8.58941824	-0.23455646	0.43120796	0.16703996	0.35796855	TAF4
285203	ENSG00000163378	166.194514	-0.06700287	0.19788604	0.69101134	0.85031724	EOGT
56203	ENSG00000163380	1.17084403	0.02420981	0.37961559	0.72694653	NA	LMOD3
128240	ENSG00000163382	1982.21204	0.28329697	0.06678002	1.60E-05	0.00014598	NAXE
56983	ENSG00000163389	893.296908	0.02861992	0.08656611	0.73519233	0.87415892	POGLUT1
55356	ENSG00000163393	102.395437	0.1535761	0.23353734	0.41264109	0.64014381	SLC22A15
886	ENSG00000163394	1.04448589	0.07458384	0.39372702	0.15090449	NA	CCKAR
91156	ENSG00000163395	0.173733	0.01914545	0.38484597	0.78225479	NA	IGFN1
476	ENSG00000163399	3379.58665	0.28393721	0.05798344	7.09E-07	8.23E-06	ATP1A1
6565	ENSG00000163406	34.9507478	-0.10646899	0.34119086	0.5387595	0.74837139	SLC15A2
317649	ENSG00000163412	373.187573	0.18208713	0.12760127	0.12980826	0.30146269	EIF4E3
60675	ENSG00000163421	5.10823466	0.14387413	0.39310122	0.29400301	0.52021105	PROK2
152405	ENSG00000163424	0	NA	NA	NA	NA	TEX55
116064	ENSG00000163428	1377.03263	-0.15547029	0.08174373	0.05128432	0.15197622	LRRC58
11167	ENSG00000163430	1696.12125	1.21651086	0.1079066	1.81E-30	1.06E-28	FSTL1
25802	ENSG00000163431	20.6221793	0.30487235	0.4028423	0.15935046	0.34688536	LMOD1
1999	ENSG00000163435	11.9853519	3.48695872	0.97154564	1.65E-05	0.00015064	ELF3
132954	ENSG00000163440	1.56028331	-0.0253943	0.37981867	0.71068851	NA	PDCL2
92703	ENSG00000163444	2001.79987	0.17486447	0.07996127	0.02519038	0.08767516	TMEM183A
92691	ENSG00000163449	570.209168	-0.35388426	0.1058465	0.00048758	0.0031582	TMEM169
3490	ENSG00000163453	2.12875089	-0.07186301	0.38481615	0.40358949	NA	IGFBP7
80128	ENSG00000163462	1072.40085	0.0552525	0.0858419	0.51123066	0.72640667	TRIM46
200185	ENSG00000163463	730.97631	0.31528853	0.10850952	0.00238315	0.01244585	KRTCAP2
3577	ENSG00000163464	0	NA	NA	NA	NA	CXCR1

10109	ENSG00000163466	2853.2754	-0.17260524	0.06663144	0.00843764	0.03606263	ARPC2
128229	ENSG00000163467	3.40145801	-0.14654707	0.40731725	0.1920392	0.39417108	TSACC
7203	ENSG00000163468	8310.36984	-0.16415603	0.06219754	0.00743469	0.03248276	CCT3
84283	ENSG00000163472	262.239396	-0.02812339	0.17608627	0.85583673	0.93567436	TMEM79
6746	ENSG00000163479	7551.93836	0.17599841	0.04960791	0.00035611	0.00238527	SSR2
64320	ENSG00000163481	420.120135	-0.46427305	0.12478003	8.46E-05	0.00065457	RNF25
27148	ENSG00000163482	902.415571	0.07132184	0.11627317	0.52025278	0.73376094	STK36
134	ENSG00000163485	94.5580735	-1.18604856	0.37697437	0.00012359	0.00091838	ADORA1
152110	ENSG00000163491	5.73812682	-0.02817473	0.36344994	0.80943877	0.91359357	NEK10
285025	ENSG00000163492	0	NA	NA	NA	NA	CCDC141
54738	ENSG00000163497	1331.35367	-0.94068373	0.08678975	3.24E-28	1.75E-26	FEV
1412	ENSG00000163499	14.6181531	-0.07425561	0.33299207	0.6690143	0.83720681	CRYBA2
3549	ENSG00000163501	5.16872557	0.26836849	0.49925494	0.05595352	0.16239288	IHH
57650	ENSG00000163507	1139.31932	-0.10433285	0.10218706	0.28866662	0.51460846	CIP2A
8320	ENSG00000163508	0	NA	NA	NA	NA	EOMES
57703	ENSG00000163510	730.402522	-0.37871613	0.10098336	9.76E-05	0.00074641	CWC22
64343	ENSG00000163512	796.972312	-0.135226	0.09806808	0.15292556	0.33767871	AZI2
7048	ENSG00000163513	139.694195	0.38252743	0.19759966	0.0258314	0.08931597	TGFBR2
84666	ENSG00000163515	0	NA	NA	NA	NA	RETNLB
55139	ENSG00000163516	739.393912	0.01965801	0.09827514	0.83691979	0.92591806	ANKZF1
79885	ENSG00000163517	209.944628	0.09542314	0.17320019	0.53764311	0.7477106	HDAC11
83417	ENSG00000163518	0	NA	NA	NA	NA	FCRL4
50852	ENSG00000163519	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TRAT1
2199	ENSG00000163520	546.331334	-0.17519094	0.12697487	0.14233952	0.32117652	FBLN2
79411	ENSG00000163521	95.4908893	1.15843033	0.24314745	1.94E-07	2.46E-06	GLB1L
201595	ENSG00000163527	1994.6363	0.02829681	0.09324585	0.75524703	0.88614698	STT3B
131474	ENSG00000163528	281.030303	-0.60567316	0.14528462	8.64E-06	8.30E-05	CHCHD4
151871	ENSG00000163530	0	NA	NA	NA	NA	DPPA2
23114	ENSG00000163531	1063.2287	-1.2923657	0.09355256	2.86E-44	2.46E-42	NFASC
115350	ENSG00000163534	0	NA	NA	NA	NA	FCRL1
151246	ENSG00000163535	699.497332	-0.44752624	0.10241817	5.67E-06	5.65E-05	SGO2
5274	ENSG00000163536	191.985679	0.29055317	0.1772246	0.06505057	0.18187757	SERPINI1
23122	ENSG00000163539	2804.39296	-0.4176851	0.07549298	1.60E-08	2.34E-07	CLASP2
8802	ENSG00000163541	673.430034	-0.01328671	0.111168709	0.89977873	0.95565364	SUCLG1
81788	ENSG00000163545	8.96153288	0.1041716	0.3621522	0.50387535	0.72045005	NUAK2
6708	ENSG00000163554	0	NA	NA	NA	NA	SPTA1
5584	ENSG00000163558	1413.28547	-0.11340423	0.10449689	0.25829831	0.47964541	PRKCI
4332	ENSG00000163563	0	NA	NA	NA	NA	MNDA

149628	ENSG00000163564	0	NA	NA	NA	NA	PYHIN1
3428	ENSG00000163565	0	NA	NA	NA	NA	IFI16
9447	ENSG00000163568	0	NA	NA	NA	NA	AIM2
151651	ENSG00000163576	2.701327	0.15674546	0.42682817	0.0468292	0.14160818	EFHB
56648	ENSG00000163577	97.8959436	0.11461647	0.29956727	0.55558813	0.7613563	EIF5A2
6514	ENSG00000163581	0	NA	NA	NA	NA	SLC2A2
200916	ENSG00000163584	316.360333	-0.06865439	0.14364466	0.60542014	0.79536059	RPL22L1
2168	ENSG00000163586	0	NA	NA	NA	NA	FABP1
151742	ENSG00000163590	1252.81993	-0.19502325	0.07741033	0.01000259	0.04148231	PPM1L
130026	ENSG00000163596	274.560146	-0.08780447	0.15342613	0.53112391	0.74260031	ICA1L
100507246	ENSG00000163597	3355.3833	-0.62376528	0.06331369	1.96E-23	8.80E-22	SNHG16
1493	ENSG00000163599	0	NA	NA	NA	NA	CTLA4
29851	ENSG00000163600	0	NA	NA	NA	NA	ICOS
23429	ENSG00000163602	1464.52944	0.36192133	0.07361272	5.31E-07	6.31E-06	RYBP
151987	ENSG00000163605	1371.45073	-0.12512738	0.08150763	0.11576447	0.27775826	PPP4R2
131450	ENSG00000163606	1.1902675	-0.02624359	0.3824067	0.61976493	NA	CD200R1
29083	ENSG00000163607	369.858482	0.04800822	0.11955494	0.67336125	0.83953925	GTPBP8
25871	ENSG00000163608	1104.01103	-0.26435269	0.09160307	0.00288888	0.01464636	NEPRO
152185	ENSG00000163611	383.00383	0.63396591	0.14499674	3.24E-06	3.36E-05	SPICE1
NA	ENSG00000163612	0	NA	NA	NA	NA	FAM86KP
57577	ENSG00000163617	136.579437	0.87512571	0.21848932	9.01E-06	8.62E-05	CCDC191
8618	ENSG00000163618	13.0348989	-0.0788741	0.34036895	0.64135904	0.82041028	CADPS
4825	ENSG00000163623	0	NA	NA	NA	NA	NKX6-1
1040	ENSG00000163624	2.58875482	-0.0077415	0.37403501	0.92886973	0.97019086	CDS1
23001	ENSG00000163625	1558.24183	-0.04039342	0.11590003	0.71346145	0.86190557	WDFY3
285521	ENSG00000163626	444.06727	0.26286423	0.11655724	0.01764957	0.06585808	COX18
5783	ENSG00000163629	882.933926	0.54756237	0.08982571	3.88E-10	7.03E-09	PTPN13
132204	ENSG00000163630	8.35579812	2.00179557	1.60535936	0.00479779	0.02243415	SYNPR
213	ENSG00000163631	1.40427668	0.06662381	0.39038066	0.21491866	NA	ALB
132200	ENSG00000163632	1.74956889	0.10306946	0.39945445	0.12203887	NA	C3orf49
132989	ENSG00000163633	5.36401112	0.05891279	0.36628931	0.64587241	0.82368764	C4orf36
80145	ENSG00000163634	599.428966	-0.03181293	0.09845264	0.73742831	0.87597758	THOC7
6314	ENSG00000163635	524.250583	0.14795164	0.14177176	0.26179365	0.48374648	ATXN7
9861	ENSG00000163636	1126.91822	0.10106502	0.08498729	0.22297005	0.43606299	PSMD6
166336	ENSG00000163637	10.5326744	0.17526649	0.40231057	0.233922	0.45086784	PRICKLE2
56999	ENSG00000163638	9905.27793	-0.35278298	0.05385637	3.77E-11	7.58E-10	ADAMTS9
152926	ENSG00000163644	429.27703	-0.4257959	0.13800523	0.00094146	0.00562947	PPMIK
131831	ENSG00000163645	4.25050557	0.00091418	0.36315867	0.99585839	0.99852582	ERICH6

7401	ENSG00000163646	0	NA	NA	NA	NA	CLRN1
8833	ENSG00000163655	1749.94615	-0.42307842	0.08062498	7.62E-08	1.02E-06	GMPS
25976	ENSG00000163659	188.434282	-0.08728764	0.17825451	0.57950594	0.77706744	TIPARP
57018	ENSG00000163660	1827.16348	0.25853652	0.07252101	0.00027706	0.00190266	CCNL1
5806	ENSG00000163661	22.080159	0.45923781	0.47056358	0.06855584	0.18864741	PTX3
8820	ENSG00000163666	26.9029056	0.43285977	0.41055796	0.07713679	0.20578109	HESX1
85443	ENSG00000163673	30.6416156	3.31654233	0.57286813	5.09E-10	9.13E-09	DCLK3
7871	ENSG00000163681	750.801554	-0.25713626	0.10708221	0.01212035	0.04861862	SLMAP
6133	ENSG00000163682	8668.08523	-0.1772415	0.0584261	0.00212876	0.01128963	RPL9
201895	ENSG00000163683	449.592535	0.05893502	0.1521677	0.67399883	0.84006388	SMIM14
11102	ENSG00000163684	495.530824	-0.13346818	0.15555661	0.34617051	0.57693723	RPP14
57406	ENSG00000163686	123.010858	-0.17462886	0.18889513	0.28821682	0.5139923	ABHD6
1776	ENSG00000163687	0	NA	NA	NA	NA	DNASE1L3
200844	ENSG00000163689	139.678154	-0.10015084	0.20091737	0.55725822	0.76258372	CFAP20DC
54502	ENSG00000163694	1.02328604	0.05874709	0.39031919	0.20106626	NA	RBM47
323	ENSG00000163697	980.695569	-0.40432209	0.11318476	0.00017802	0.00127966	APBB2
132014	ENSG00000163701	39.7660688	0.58222334	0.41371844	0.02821858	0.09562026	IL17RE
84818	ENSG00000163702	237.663058	1.03560868	0.17910663	9.06E-10	1.57E-08	IL17RC
78987	ENSG00000163703	1046.6015	0.36234245	0.10241541	0.00023413	0.00163501	CRELD1
285368	ENSG00000163704	222.475052	-0.10233161	0.16479456	0.49116343	0.71060078	PRRT3
115795	ENSG00000163705	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FANCD2OS
26577	ENSG00000163710	105.377647	0.47334923	0.23331683	0.01506656	0.05791677	PCOLCE2
23350	ENSG00000163714	2849.4426	-0.00855438	0.07981176	0.91243976	0.96260718	U2SURP
64419	ENSG00000163719	650.550259	0.18762959	0.10037091	0.05231598	0.15415849	MTMR14
151613	ENSG00000163728	1312.86166	0.55441104	0.08727687	7.31E-11	1.43E-09	TTC14
2921	ENSG00000163734	0	NA	NA	NA	NA	CXCL3
6374	ENSG00000163735	0	NA	NA	NA	NA	CXCL5
5473	ENSG00000163736	0	NA	NA	NA	NA	PPBP
5196	ENSG00000163737	0	NA	NA	NA	NA	PF4
441024	ENSG00000163738	261.367868	-0.13477537	0.13912602	0.29725273	0.52389572	MTHFD2L
2919	ENSG00000163739	0	NA	NA	NA	NA	CXCL1
25898	ENSG00000163743	469.348848	-0.39714204	0.11811269	0.00039841	0.00263835	RCHY1
57047	ENSG00000163746	0	NA	NA	NA	NA	PLSCR2
339965	ENSG00000163749	4.59341369	-0.00530033	0.36411561	0.96117265	0.98419142	CCDC158
1359	ENSG00000163751	1.66388074	0.03581179	0.37899126	0.64944584	NA	CPA3
2992	ENSG00000163754	215.349066	0.1259479	0.15985447	0.38753859	0.61648218	GYG1
84343	ENSG00000163755	513.754934	-0.07225984	0.10886445	0.48794505	0.70776647	HPS3
116441	ENSG00000163762	0.173124	-0.01911262	0.38486262	0.84537521	NA	TM4SF18

11073	ENSG00000163781	2462.57842	-0.08380666	0.0726533	0.23971954	0.45775127	TOPBP1
6259	ENSG00000163785	1268.65698	0.20704794	0.08526137	0.01269054	0.05043796	RYK
54861	ENSG00000163788	605.601644	-0.16609778	0.10956915	0.11279375	0.27197715	SNRK
150921	ENSG00000163792	0	NA	NA	NA	NA	TCF23
285126	ENSG00000163793	56.5320828	-1.7093179	0.38663308	6.16E-07	7.24E-06	DNAJC5G
7349	ENSG00000163794	32.6288283	-0.07457027	0.27897379	0.69973826	0.8552838	UCN
130557	ENSG00000163795	1469.45247	0.24040721	0.07099656	0.00056025	0.00356263	ZNF513
22950	ENSG00000163798	771.627389	0.03265016	0.10204443	0.74094504	0.87763281	SLC4A1AP
151056	ENSG00000163803	11.4678376	-0.07947665	0.3699268	0.52140831	0.73486829	PLB1
245711	ENSG00000163806	12.0830339	-0.03763281	0.34826438	0.80079663	0.90877553	SPDYA
57456	ENSG00000163807	1038.83945	-0.21599563	0.24695357	0.2639571	0.48609939	KIAA1143
56992	ENSG00000163808	1081.07157	-0.32749193	0.10659045	0.00133116	0.00756092	KIF15
7047	ENSG00000163810	2.85863137	-0.14639347	0.41125319	0.15551888	0.34146686	TGM4
23160	ENSG00000163811	1530.89778	-0.17865593	0.10486662	0.07569712	0.2027857	WDR43
51304	ENSG00000163812	1536.42355	-0.2279705	0.12132859	0.04696272	0.14179583	ZDHHC3
64866	ENSG00000163814	0.44427848	0.01506333	0.38397328	0.81042032	NA	CDCP1
7123	ENSG00000163815	4.76223654	0.05812573	0.3723885	0.60944639	0.79803651	CLEC3B
54716	ENSG00000163817	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SLC6A20
54585	ENSG00000163818	343.439965	0.3064799	0.12940517	0.01163235	0.04697436	LZTFL1
79443	ENSG00000163820	435.715904	0.95261226	0.14178747	2.60E-12	5.77E-11	FYCO1
1230	ENSG00000163823	0	NA	NA	NA	NA	CCR1
83597	ENSG00000163825	0.173733	0.01914545	0.38484597	0.78225479	NA	RTP3
79442	ENSG00000163827	32.150259	0.0006676	0.28955498	0.99905009	0.99962651	LRRRC2
54859	ENSG00000163832	684.957222	-0.11541503	0.11949446	0.30861991	0.53621325	ELP6
51725	ENSG00000163833	0	NA	NA	NA	NA	FBXO40
151636	ENSG00000163840	484.58259	0.00247453	0.12498778	0.98499241	0.99473578	DTX3L
7707	ENSG00000163848	888.454685	-0.21547226	0.09252636	0.01612566	0.06118439	ZNF148
349565	ENSG00000163864	11.3716482	-0.53412382	0.71041328	0.03852992	0.1221335	NMNAT3
113444	ENSG00000163866	487.035837	0.02265582	0.11270816	0.83423746	0.92434219	SMIM12
9204	ENSG00000163867	332.248608	-0.08118111	0.13737537	0.52489789	0.73755856	ZMYM6
131601	ENSG00000163870	378.985922	0.13219103	0.12644095	0.26825055	0.49101309	TPRA1
55689	ENSG00000163872	3230.42976	0.06684343	0.06253731	0.27802261	0.50254816	YEATS2
2899	ENSG00000163873	40.8086422	-4.28828655	0.54640609	6.19E-16	1.79E-14	GRIK3
80149	ENSG00000163874	36.6019046	0.68899972	0.39962201	0.01296106	0.05133707	ZC3H12A
64769	ENSG00000163875	911.209264	-0.13115176	0.09103241	0.13724964	0.31281251	MEAF6
79753	ENSG00000163877	475.913878	-0.07054279	0.17545587	0.64901712	0.82497477	SNIP1
7802	ENSG00000163879	372.935734	0.25270946	0.16206398	0.08484819	0.22086345	DNALI1
5437	ENSG00000163882	1107.20735	-0.03170404	0.08188159	0.69258871	0.85146611	POLR2H

28999	ENSG00000163884	239.230971	0.07142868	0.14944395	0.6057104	0.79555768	KLF15
348807	ENSG00000163885	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CFAP100
94032	ENSG00000163888	204.75336	-1.46694757	0.20307379	4.12E-14	1.05E-12	CAMK2N2
200879	ENSG00000163898	1.80341675	0.08745899	0.39546778	0.14318956	NA	LIPH
90407	ENSG00000163900	308.440484	0.36460367	0.16462519	0.01440118	0.05577188	TMEM41A
6184	ENSG00000163902	3133.7349	0.19660903	0.08266063	0.01474848	0.0568948	RPN1
59343	ENSG00000163904	858.89801	0.24764856	0.09879718	0.00931846	0.03914424	SENP2
26508	ENSG00000163909	0.86893111	0.01664743	0.38116958	0.76840041	NA	HEYL
55764	ENSG00000163913	590.777603	0.07553207	0.12530652	0.52433527	0.73721294	IFT122
6010	ENSG00000163914	0.37844916	0.02407552	0.3854191	0.60038877	NA	RHO
646600	ENSG00000163915	0	NA	NA	NA	NA	IGF2BP2-AS1
5984	ENSG00000163918	725.991845	-0.09321938	0.10132298	0.33909698	0.5693225	RFC4
116832	ENSG00000163923	365.083601	-0.15851378	0.12170505	0.16860527	0.35992344	RPL39L
8314	ENSG00000163930	2393.26123	0.1197381	0.06188447	0.04998779	0.1489573	BAP1
7086	ENSG00000163931	4363.6994	-0.54798342	0.0642558	5.22E-18	1.73E-16	TKT
5580	ENSG00000163932	235.592521	0.00738884	0.14599621	0.95742677	0.98264776	PRKCD
91869	ENSG00000163933	616.83858	-0.20448779	0.10876631	0.04884159	0.1463551	RFT1
51460	ENSG00000163935	298.373871	-0.22457131	0.16506209	0.13053084	0.30275099	SFMBT1
26354	ENSG00000163938	2017.43906	-0.1926651	0.07662071	0.0101834	0.04200386	GNL3
55193	ENSG00000163939	2866.19554	-0.05945471	0.07994348	0.44136194	0.66615602	PBRM1
57654	ENSG00000163945	1207.55314	0.26788356	0.12398185	0.02114269	0.07618153	UVSSA
23272	ENSG00000163946	2123.93948	-0.15561741	0.08614983	0.06310616	0.17807227	TASOR
50650	ENSG00000163947	128.791817	0.02458843	0.20523623	0.88861782	0.95146564	ARHGEF3
7884	ENSG00000163950	1097.30472	-0.32388755	0.08852104	0.00016289	0.00118118	SLBP
4043	ENSG00000163956	1330.94636	0.29075273	0.08829728	0.00070679	0.00436302	LRPAP1
131540	ENSG00000163958	11.4195	0.2628518	0.43275087	0.16291191	0.35193514	ZDHHC19
200931	ENSG00000163959	10.7155833	0.19448188	0.40038856	0.24380904	0.46213541	SLC51A
26043	ENSG00000163960	2234.88571	-0.12914658	0.0789968	0.09099586	0.23271133	UBXN7
165918	ENSG00000163961	711.833947	-0.33970406	0.10215112	0.00054014	0.00345019	RNF168
54965	ENSG00000163964	534.451611	-0.06802843	0.1545147	0.62276869	0.80737672	PIGX
4241	ENSG00000163975	359.039574	0.76042378	0.14314643	2.16E-08	3.12E-07	MELTF
133060	ENSG00000163982	0	NA	NA	NA	NA	OTOP1
6286	ENSG00000163993	0.69017422	0.03903171	0.3869417	0.37258575	NA	S100P
84448	ENSG00000163995	104.525257	-1.28329631	0.24414457	1.33E-08	1.98E-07	ABLM2
64789	ENSG00000164002	216.239719	-0.03808378	0.14825602	0.77969021	0.89925062	EXO5
149461	ENSG00000164007	1.14146079	0.06770743	0.38954926	0.25074476	NA	CLDN19
79078	ENSG00000164008	211.880299	-0.33099036	0.22163725	0.07235843	0.19601191	C1orf50
114625	ENSG00000164010	147.951813	-0.06130064	0.21218423	0.72724912	0.86953012	ERMAP

51058	ENSG00000164011	265.541884	-0.15718393	0.15095392	0.25597024	0.47707369	ZNF691
9255	ENSG00000164022	1215.04669	-0.05019541	0.07826859	0.51176596	0.72695902	AIMP1
166929	ENSG00000164023	1.06425219	0.03847341	0.38467702	0.47350963	NA	SGMS2
23173	ENSG00000164024	1053.97649	-0.06080594	0.08247791	0.4495938	0.67315229	METAP1
79982	ENSG00000164031	887.559386	0.69371576	0.12812235	1.40E-08	2.07E-07	DNAJB14
3015	ENSG00000164032	7526.31036	0.02361045	0.0536894	0.65782421	0.83028388	H2AZ1
51705	ENSG00000164035	0	NA	NA	NA	NA	EMCN
150159	ENSG00000164037	4.26473574	0.01670639	0.36944539	0.87377324	0.94441388	SLC9B1
133308	ENSG00000164038	675.373075	-0.30044439	0.1299611	0.0136186	0.05341418	SLC9B2
56898	ENSG00000164039	589.877711	0.44455443	0.13379792	0.00039501	0.00261844	BDH2
10424	ENSG00000164040	770.014164	-0.20880663	0.10114977	0.03186319	0.10516813	PGRMC2
993	ENSG00000164045	1076.57444	-0.1861355	0.09445332	0.04143663	0.12885621	CDC25A
820	ENSG00000164047	0	NA	NA	NA	NA	CAMP
51385	ENSG00000164048	692.54264	-0.12675992	0.11507114	0.24725955	0.46618165	ZNF589
285231	ENSG00000164049	5.51262989	0.01693555	0.36033481	0.89668148	0.95469109	FBXW12
5364	ENSG00000164050	2846.97158	0.53627767	0.06827151	1.48E-15	4.22E-14	PLXNB1
79714	ENSG00000164051	455.872928	-0.28327566	0.12832085	0.01874874	0.0691018	CCDC51
84126	ENSG00000164053	458.206541	0.00703174	0.11071583	0.94799564	0.97876335	ATRIP
51246	ENSG00000164054	190.692626	0.47260352	0.21303423	0.00985731	0.0409823	SHISA5
10252	ENSG00000164056	60.4465313	0.46070134	0.31328393	0.04470036	0.13639738	SPRY1
8927	ENSG00000164061	1688.85755	-1.55115614	0.07191999	3.09E-104	9.88E-102	BSN
327	ENSG00000164062	1669.73757	0.04340901	0.0801103	0.57775201	0.77605301	APEH
27152	ENSG00000164066	458.694472	0.22916521	0.13520472	0.06945746	0.19038905	INTU
63891	ENSG00000164068	1053.03718	0.18316491	0.08947664	0.03512984	0.11362505	RNF123
22824	ENSG00000164070	858.977165	-0.16315786	0.1057341	0.10764145	0.26314781	HSPA4L
256471	ENSG00000164073	227.13419	-0.19001771	0.15658552	0.18214017	0.37982563	MFSD8
80167	ENSG00000164074	217.312366	0.11174099	0.16613404	0.45611568	0.67958359	ABHD18
79012	ENSG00000164076	1180.83584	-1.0012436	0.08540863	1.34E-32	8.30E-31	CAMKV
84315	ENSG00000164077	312.430314	-0.15020346	0.14276488	0.25550518	0.47650319	MON1A
4486	ENSG00000164078	26.2977633	1.90502778	0.55940568	3.16E-05	0.00027078	MST1R
23132	ENSG00000164080	1396.83127	-0.08483579	0.08257736	0.29219353	0.51825408	RAD54L2
51368	ENSG00000164081	418.6777	0.03243091	0.13688529	0.80056806	0.90868418	TEX264
2912	ENSG00000164082	108.275722	-2.2939638	0.28086884	2.23E-17	7.07E-16	GRM2
1849	ENSG00000164086	1459.79656	-1.03333909	0.08174786	1.63E-37	1.17E-35	DUSP7
25886	ENSG00000164087	376.432147	-0.00658956	0.12236512	0.95379728	0.98083958	POC1A
132160	ENSG00000164088	392.27733	0.36809776	0.1274781	0.00216754	0.01146772	PPM1M
64850	ENSG00000164089	0	NA	NA	NA	NA	ETNPPL
80335	ENSG00000164091	5208.64438	-0.4227484	0.05082934	4.58E-17	1.42E-15	WDR82

5308	ENSG00000164093	0	NA	NA	NA	NA	PITX2
401152	ENSG00000164096	807.660851	-0.30403267	0.10994296	0.00378171	0.01839941	C4orf3
8492	ENSG00000164099	2659.26438	1.77949476	0.07697985	2.59E-119	1.03E-116	PRSS12
9348	ENSG00000164100	24.5066338	0.04364533	0.29707032	0.8191578	0.91752333	NDST3
3148	ENSG00000164104	6679.11935	0.30326492	0.05693379	8.02E-08	1.07E-06	HMGB2
8819	ENSG00000164105	371.661773	0.63157367	0.12600464	1.47E-07	1.91E-06	SAP30
11341	ENSG00000164106	6.61451978	0.19750107	0.41715601	0.19421204	0.39719274	SCRG1
9464	ENSG00000164107	9005.21868	1.40823789	0.05865674	2.63E-128	1.24E-125	HAND2
4085	ENSG00000164109	1840.78263	-0.38737882	0.10189553	7.73E-05	0.0006058	MAD2L1
308	ENSG00000164111	1629.42043	0.46381972	0.09212131	2.13E-07	2.69E-06	ANXA5
132332	ENSG00000164112	0	NA	NA	NA	NA	SMIM43
132612	ENSG00000164113	0	NA	NA	NA	NA	ADAD1
79884	ENSG00000164114	739.241986	-0.14184661	0.11871311	0.20808408	0.41566533	MAP9
2982	ENSG00000164116	580.137337	0.16334883	0.10380677	0.1017487	0.25253045	GUCY1A1
26269	ENSG00000164117	404.038572	1.37971513	0.12423266	1.09E-29	6.19E-28	FBXO8
80817	ENSG00000164118	1850.58205	1.72098378	0.08671149	9.22E-89	2.23E-86	CEP44
3248	ENSG00000164120	10.1526405	1.31928375	1.08072169	0.00679973	0.03018044	HPGD
140458	ENSG00000164122	0	NA	NA	NA	NA	ASB5
152940	ENSG00000164123	0.48561729	0.00575914	0.38311112	0.86236059	NA	C4orf45
55314	ENSG00000164124	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TMEM144
51313	ENSG00000164125	3.21187715	-0.00436165	0.37392956	0.95528669	0.98165887	GASK1B
4886	ENSG00000164128	0	NA	NA	NA	NA	NPY1R
4889	ENSG00000164129	0	NA	NA	NA	NA	NPY5R
80155	ENSG00000164134	1517.32728	-0.30560762	0.10025108	0.00146813	0.00823048	NAA15
3600	ENSG00000164136	3.88484992	-0.08239994	0.38129917	0.43134589	0.65692932	IL15
729830	ENSG00000164142	55.4066488	1.93312451	0.41243949	1.64E-07	2.11E-06	FAM160A1
27236	ENSG00000164144	557.278171	-0.01703965	0.104994	0.86376142	0.93963299	ARFIP1
23379	ENSG00000164151	1743.10404	0.16023006	0.07315108	0.0255375	0.08857763	ICE1
64399	ENSG00000164161	4.05310157	0.01641231	0.37384447	0.85224697	0.9330416	HHIP
10393	ENSG00000164162	133.048417	0.09453142	0.17914043	0.5519326	0.75833399	ANAPC10
6059	ENSG00000164163	1641.71932	-0.16524076	0.07382486	0.0221842	0.07913243	ABCE1
54726	ENSG00000164164	1239.53545	-0.03463034	0.08609324	0.67918897	0.84330115	OTUD4
11157	ENSG00000164167	261.118125	0.01444853	0.17568523	0.92770146	0.9697364	LSM6
55751	ENSG00000164168	983.317752	-0.12741755	0.09083173	0.1479138	0.33006521	TMEM184C
90826	ENSG00000164169	283.639045	0.14884719	0.13671089	0.24364703	0.4620932	PRMT9
3673	ENSG00000164171	388.861315	0.3977526	0.13010752	0.0011455	0.00663939	ITGA2
4338	ENSG00000164172	412.658843	-0.38767648	0.1524104	0.00559052	0.02558025	MOCS2
51151	ENSG00000164175	16.9462416	0.088072	0.35006779	0.58890429	0.78351083	SLC45A2

10085	ENSG00000164176	149.715972	-2.06677594	0.23104672	2.70E-20	1.03E-18	EDIL3
153396	ENSG00000164180	730.583679	0.05988328	0.11093689	0.57364656	0.77312328	TMEM161B
79993	ENSG00000164181	109.977107	0.35963162	0.24326409	0.06690519	0.18544027	ELOVL7
91942	ENSG00000164182	304.757804	0.09746079	0.13516321	0.44122412	0.6661181	NDUFAF2
133923	ENSG00000164185	3.46770211	0.0504828	0.37194771	0.64718192	0.82430661	ZNF474
92255	ENSG00000164187	639.489953	-0.21392398	0.11496726	0.0503386	0.14971174	LMBRD2
202151	ENSG00000164188	1.70553796	-0.06664453	0.38677239	0.35221034	NA	RANBP3L
25836	ENSG00000164190	1913.67103	-0.13055053	0.07566125	0.07803936	0.20760269	NIPBL
285671	ENSG00000164197	0.92335854	-0.01445502	0.38045929	0.78669419	NA	RNF180
84059	ENSG00000164199	812.96524	0.36343376	0.11832444	0.00120844	0.00696553	ADGRV1
91137	ENSG00000164209	1339.30174	-0.32717208	0.08035251	2.97E-05	0.00025568	SLC25A46
134429	ENSG00000164211	2519.72573	0.27772263	0.06882793	4.00E-05	0.00033601	STARD4
5229	ENSG00000164219	524.060122	-0.33042414	0.11874018	0.00330483	0.0164248	PGGT1B
2151	ENSG00000164220	1.01344486	0.00310693	0.37996385	0.95929643	NA	F2RL2
153733	ENSG00000164221	452.95321	-0.07963516	0.12454827	0.49748328	0.71542971	CCDC112
651746	ENSG00000164236	8.85339891	0.3276223	0.52550247	0.07345781	0.19834008	ANKRD33B
134147	ENSG00000164237	470.339962	-0.11985976	0.14113302	0.35954121	0.58949503	CMBL
401207	ENSG00000164241	197.127447	-0.09924787	0.20480843	0.56547068	0.76736924	C5orf63
133619	ENSG00000164244	991.460498	0.07662027	0.09448651	0.40306164	0.6310063	PRRC1
2150	ENSG00000164251	38.088838	-0.91312331	0.43543073	0.00363037	0.01780629	F2RL1
55109	ENSG00000164252	1058.90144	-0.04851319	0.08277915	0.54709043	0.75418804	AGGF1
55255	ENSG00000164253	791.021939	-0.1881716	0.11991167	0.09771458	0.24490364	WDR41
56979	ENSG00000164256	0	NA	NA	NA	NA	PRDM9
4724	ENSG00000164258	547.214803	0.17324878	0.10844572	0.09544388	0.24079433	NDUFS4
117156	ENSG00000164265	0	NA	NA	NA	NA	SCGB3A2
6690	ENSG00000164266	0	NA	NA	NA	NA	SPINK1
3360	ENSG00000164270	1.72801861	0.02900077	0.37859304	0.7041367	NA	HTR4
11082	ENSG00000164283	0	NA	NA	NA	NA	ESM1
134266	ENSG00000164284	845.535747	-0.33739179	0.12420676	0.00397989	0.0192177	GRPEL2
166979	ENSG00000164287	0.173733	0.01914545	0.38484597	0.78225479	NA	CDC20B
153642	ENSG00000164291	152.183757	0.31591673	0.19442948	0.06116231	0.17394786	ARSK
22836	ENSG00000164292	6413.61489	-0.10483937	0.06551808	0.10402066	0.25677486	RHOBTB3
493869	ENSG00000164294	7.50195193	6.47062241	2.65366252	1.05E-05	9.92E-05	GPX8
81789	ENSG00000164296	140.451409	-0.23606486	0.18563451	0.14647737	0.32752294	TIGD6
84654	ENSG00000164299	0.83570807	-0.02152789	0.3825715	0.6114649	NA	SPZ1
256987	ENSG00000164300	489.100832	-0.52005983	0.11772486	3.64E-06	3.75E-05	SERINC5
133121	ENSG00000164303	58.6833823	-0.07286521	0.2671112	0.70461527	0.85803894	ENPP6
285782	ENSG00000164304	3.36740333	0.03974674	0.37141738	0.71211898	0.86159535	CAGE1

836	ENSG00000164305	627.791139	-0.32560991	0.10705152	0.00148328	0.00830132	CASP3
201973	ENSG00000164306	312.218816	0.01795999	0.16420536	0.9050055	0.95843435	PRIMPOL
51752	ENSG00000164307	232.548195	0.18657282	0.15827009	0.19504697	0.39840749	ERAP1
64167	ENSG00000164308	6.6318146	0.13998287	0.39331509	0.28701979	0.51287694	ERAP2
202333	ENSG00000164309	23.6729538	0.31764191	0.43586792	0.13060894	0.30282593	CMYA5
133584	ENSG00000164318	40.4544751	2.78754718	0.44027163	1.67E-11	3.47E-10	EGFLAM
57587	ENSG00000164323	1467.62986	-0.14829036	0.07361063	0.03987383	0.12512313	CFAP97
134288	ENSG00000164325	0	NA	NA	NA	NA	TMEM174
9607	ENSG00000164326	1.47727575	-0.0052354	0.37817175	0.94015928	NA	CARTPT
253260	ENSG00000164327	564.526618	-0.24230474	0.12388347	0.03798349	0.12074866	RICTOR
167153	ENSG00000164329	611.11806	-0.10606689	0.12423228	0.36583653	0.59508049	TENT2
1879	ENSG00000164330	102.960735	-0.03412058	0.21545932	0.84691561	0.93052693	EBF1
57763	ENSG00000164331	247.758775	0.00917332	0.16366107	0.9518051	0.98012235	ANKRA2
134510	ENSG00000164332	521.056474	-0.2405026	0.11140365	0.02345933	0.08277309	UBLCP1
340069	ENSG00000164334	0.64235609	-0.00831672	0.38275593	0.80555485	NA	FAM170A
84135	ENSG00000164338	301.160605	0.17278143	0.16769789	0.25201693	0.47192221	UTP15
7098	ENSG00000164342	0.16735865	0.01897177	0.38482933	0.78225479	NA	TLR3
3818	ENSG00000164344	1.94806512	0.04888178	0.38314495	0.46185431	NA	KLKB1
10412	ENSG00000164346	2308.89729	0.04498342	0.06351208	0.47299504	0.69507604	NSA2
84340	ENSG00000164347	917.788337	-0.2845871	0.09561264	0.00205222	0.01093959	GFM2
7015	ENSG00000164362	401.303272	0.32246029	0.162665	0.02849847	0.09642745	TERT
348932	ENSG00000164363	0	NA	NA	NA	NA	SLC6A18
133957	ENSG00000164366	576.776097	-0.11372723	0.11407947	0.29479693	0.52123439	CCDC127
94234	ENSG00000164379	0	NA	NA	NA	NA	FOXQ1
154386	ENSG00000164385	0.3404787	-0.00022855	0.38336236	0.96741903	NA	LINC01600
222611	ENSG00000164393	0	NA	NA	NA	NA	ADGRF2
23305	ENSG00000164398	61.5074176	-0.5795502	0.37776467	0.02430432	0.08519395	ACSL6
3562	ENSG00000164399	0	NA	NA	NA	NA	IL3
1437	ENSG00000164400	0	NA	NA	NA	NA	CSF2
23176	ENSG00000164402	1837.89912	0.20318367	0.06813451	0.00242271	0.0126209	SEPTIN8
134549	ENSG00000164403	105.783575	-0.49539618	0.31731056	0.03246962	0.10683204	SHROOM1
2661	ENSG00000164404	38.2874449	-0.0820614	0.27473551	0.67181957	0.83832583	GDF9
27089	ENSG00000164405	2138.53575	-0.27190331	0.07955917	0.0004617	0.00301222	UQCRQ
116842	ENSG00000164406	25.6487	0.22235983	0.33746937	0.28223913	0.50716641	LEAP2
375519	ENSG00000164411	0	NA	NA	NA	NA	GJB7
10559	ENSG00000164414	384.091304	-0.11416143	0.13474586	0.36460972	0.59423075	SLC35A1
2898	ENSG00000164418	414.952843	-1.03781518	0.15263569	1.26E-12	2.86E-11	GRIK2
115004	ENSG00000164430	2.40442519	0.11907397	0.400059	0.20330447	NA	CGAS

2173	ENSG00000164434	0	NA	NA	NA	NA	FABP7
30012	ENSG00000164438	172.65799	-0.15558409	0.16710287	0.29993601	0.52707976	TLX3
167838	ENSG00000164440	0	NA	NA	NA	NA	TXLNB
10370	ENSG00000164442	1.94965725	-0.0183244	0.37692774	0.81313113	NA	CITED2
221301	ENSG00000164451	0	NA	NA	NA	NA	CALHM4
6862	ENSG00000164458	0.88131531	-0.0007412	0.38066796	0.98790266	NA	TBXT
153222	ENSG00000164463	173.494779	0.57433389	0.20111741	0.00122362	0.00704108	CREBRF
285761	ENSG00000164465	7.74077074	0.41173504	0.66908574	0.0355782	0.11473855	DCBLD1
94081	ENSG00000164466	1732.53166	-0.22449808	0.09059266	0.01052246	0.04316015	SFXN1
154075	ENSG00000164483	0	NA	NA	NA	NA	SAMD3
114801	ENSG00000164484	0	NA	NA	NA	NA	TMEM200A
116379	ENSG00000164485	0	NA	NA	NA	NA	IL22RA2
168002	ENSG00000164488	0	NA	NA	NA	NA	DACT2
57107	ENSG00000164494	254.682024	-0.18032694	0.14269655	0.17210805	0.36461546	PDSS2
100130988	ENSG00000164500	0	NA	NA	NA	NA	SPATA48
134957	ENSG00000164506	575.373405	-0.53929793	0.11307112	6.40E-07	7.49E-06	STXBP5
221613	ENSG00000164508	0	NA	NA	NA	NA	H2AC1
133396	ENSG00000164509	2.40403862	0.05389603	0.38337884	0.4344984	NA	IL31RA
79722	ENSG00000164512	0.55145755	0.04045112	0.38693546	0.4047702	NA	ANKRD55
135250	ENSG00000164520	0	NA	NA	NA	NA	RAET1E
221476	ENSG00000164530	0	NA	NA	NA	NA	PII6
57057	ENSG00000164532	72.0742764	0.42417036	0.27339111	0.04587381	0.13929237	TBX20
221955	ENSG00000164535	464.985138	0.05079088	0.15098376	0.71553732	0.86274919	DAGLB
23366	ENSG00000164542	538.157434	-0.55197867	0.17003771	0.00034424	0.00231737	KIAA0895
9263	ENSG00000164543	802.084895	0.01133034	0.0933471	0.90107437	0.95641534	STK17A
29896	ENSG00000164548	2346.22693	-0.08810689	0.06602516	0.1751849	0.36912205	TRA2A
340286	ENSG00000164556	0.18922458	0.01954053	0.38488496	0.78225479	NA	FAM183BP
55568	ENSG00000164574	457.302672	-0.49275925	0.1679806	0.00122823	0.00705909	GALNT10
79685	ENSG00000164576	822.536208	-0.06629765	0.10790787	0.52109636	0.73457437	SAP30L
6208	ENSG00000164587	15697.2975	0.12998251	0.05120748	0.01041843	0.04281309	RPS14
348980	ENSG00000164588	0	NA	NA	NA	NA	HCN1
91977	ENSG00000164591	399.209047	0.0488624	0.13206465	0.69512823	0.85273877	MYOZ3
10466	ENSG00000164597	1012.19305	0.38991096	0.11829061	0.00052172	0.00334658	COG5
63974	ENSG00000164600	0	NA	NA	NA	NA	NEUROD6
154743	ENSG00000164603	326.151965	0.09293093	0.13203841	0.45427145	0.67744995	BMT2
54329	ENSG00000164604	299.902008	-0.88040966	0.20148157	1.72E-06	1.86E-05	GPR85
10569	ENSG00000164609	969.505647	0.56849113	0.13550913	8.59E-06	8.27E-05	SLU7
6100	ENSG00000164610	558.802148	0.12071021	0.10864359	0.24657541	0.46577702	RP9

9232	ENSG00000164611	1023.02813	-0.0361883	0.08441146	0.65986745	0.83138187	PTTG1
819	ENSG00000164615	740.524326	-0.29974873	0.10420412	0.00271791	0.01394086	CAMLG
NA	ENSG00000164616	22.6327393	3.74076545	0.66832471	1.96E-09	3.24E-08	FBXL21P
168667	ENSG00000164619	2.7437711	0.17469171	0.43225651	0.07964386	0.21062825	BMPER
285613	ENSG00000164620	506.087242	-0.67411612	0.14392073	6.70E-07	7.82E-06	RELL2
9597	ENSG00000164621	0.46777338	-0.00944564	0.38288077	0.84957036	NA	SMAD5-AS1
8645	ENSG00000164626	84.2540828	0.5124552	0.25174517	0.01300851	0.05146338	KCNK5
221458	ENSG00000164627	20.6845616	0.31235763	0.44227393	0.13557496	0.31017149	KIF6
7559	ENSG00000164631	958.814625	-0.112753	0.12610047	0.34294367	0.57311341	ZNF12
222962	ENSG00000164638	2754.11854	0.84958138	0.07385806	2.04E-31	1.22E-29	SLC29A4
219557	ENSG00000164645	0	NA	NA	NA	NA	TEX47
26872	ENSG00000164647	31.9576771	0.22433614	0.31918385	0.28247129	0.50753763	STEAP1
55536	ENSG00000164649	480.180401	0.98511476	0.12350381	2.03E-16	6.09E-15	CDCA7L
221833	ENSG00000164651	0.33873386	0.0022816	0.38337893	0.96667412	NA	SP8
54468	ENSG00000164654	1156.66705	-0.27420425	0.09472164	0.00273899	0.01402364	MIOS
222223	ENSG00000164659	1533.61498	-0.08285067	0.08516676	0.31778481	0.54556488	ELAPOR2
25862	ENSG00000164663	908.247209	0.01807003	0.11572784	0.87807345	0.94596966	USP49
285905	ENSG00000164669	44.4734434	0.05145671	0.26393237	0.7913146	0.90493295	INTS4P1
94120	ENSG00000164674	16.0248557	0.04566666	0.32778301	0.79578419	0.90615541	SYTL3
154865	ENSG00000164675	6.56782281	0.57864161	1.04844847	0.02014532	0.0733229	IQUB
23462	ENSG00000164683	549.230581	-0.67952932	0.12993682	4.07E-08	5.66E-07	HEY1
619279	ENSG00000164684	8266.54137	0.12769971	0.06353171	0.04171079	0.12962752	ZNF704
2171	ENSG00000164687	466.992782	0.09939399	0.11698524	0.37260208	0.6014992	FABP5
6469	ENSG00000164690	1.89628344	0.07740229	0.38977458	0.28312786	NA	SHH
117289	ENSG00000164691	2.86014515	0.06221439	0.38227659	0.46021993	0.68333808	TAGAP
1278	ENSG00000164692	11.9322	-0.08472336	0.36365001	0.54547838	0.75301218	COL1A2
84624	ENSG00000164694	0.16735865	0.01897177	0.38482933	0.78225479	NA	FNDC1
92421	ENSG00000164695	0	NA	NA	NA	NA	CHMP4C
26266	ENSG00000164707	349.398022	0.32799686	0.13478622	0.00920554	0.03872729	SLC13A4
5224	ENSG00000164708	74.1789648	0.29494721	0.25512698	0.13973117	0.31686665	PGAM2
25798	ENSG00000164713	644.088798	0.1071095	0.10624162	0.29400839	0.52021105	BRI3
22853	ENSG00000164715	2014.19542	0.06914	0.06799849	0.30101521	0.52832111	LMTK2
146861	ENSG00000164729	0	NA	NA	NA	NA	SLC35G3
1508	ENSG00000164733	2119.78492	-0.14055323	0.06589054	0.03014157	0.10072575	CTSB
64321	ENSG00000164736	0	NA	NA	NA	NA	SOX17
NA	ENSG00000164740	0	NA	NA	NA	NA	SEPTIN7P5
10395	ENSG00000164741	54.1580132	-0.08502012	0.30119581	0.65399654	0.82779603	DLC1
107	ENSG00000164742	6996.93194	-0.80363473	0.04985056	3.43E-59	4.37E-57	ADCY1

157773	ENSG00000164743	22.4798284	0.40322427	0.47740718	0.08805085	0.22670443	C8orf48
256979	ENSG00000164744	0	NA	NA	NA	NA	SUN3
136288	ENSG00000164746	0.83104738	0.01171515	0.38170116	0.81896071	NA	C7orf57
3174	ENSG00000164749	46.5145765	1.07420316	0.39865189	0.00063067	0.00394838	HNF4G
5828	ENSG00000164751	446.533568	-0.13736873	0.12760648	0.25209979	0.47202308	PEX2
5885	ENSG00000164754	5198.55433	-0.0320375	0.05489737	0.54815944	0.75477016	RAD21
169026	ENSG00000164756	0	NA	NA	NA	NA	SLC30A8
90390	ENSG00000164758	228.804388	-0.10207929	0.15727931	0.47561741	0.69768942	MED30
4982	ENSG00000164761	0	NA	NA	NA	NA	TNFRSF11B
157869	ENSG00000164764	66.6745606	-0.57024808	0.31128958	0.01584205	0.06029278	SBSPON
5260	ENSG00000164776	55.0218854	0.0974207	0.2842871	0.61786026	0.80440629	PHKG1
2020	ENSG00000164778	1.373176	-0.09355926	0.39942046	0.09419964	NA	EN2
27012	ENSG00000164794	0	NA	NA	NA	NA	KCNV1
114788	ENSG00000164796	0	NA	NA	NA	NA	CSMD3
23514	ENSG00000164808	874.89097	0.18176398	0.11909865	0.10569369	0.25942878	SPIDR
5001	ENSG00000164815	479.568272	-0.36016758	0.17106828	0.0186773	0.06888969	ORC5
1670	ENSG00000164816	0	NA	NA	NA	NA	DEFA5
54919	ENSG00000164818	2140.1192	-0.04605396	0.07445346	0.52714586	0.73905402	DNAAF5
1669	ENSG00000164821	0	NA	NA	NA	NA	DEFA4
1671	ENSG00000164822	0	NA	NA	NA	NA	DEFA6
734	ENSG00000164823	373.31555	-0.39102482	0.15038898	0.0047196	0.02213638	OSGIN2
1672	ENSG00000164825	0	NA	NA	NA	NA	DEFB1
23353	ENSG00000164828	4339.85952	0.03815329	0.05778599	0.5049113	0.72130144	SUN1
55074	ENSG00000164830	84.2714474	0.18285136	0.23807885	0.33611133	0.56608225	OXR1
157753	ENSG00000164841	9.91612148	0.12399879	0.35977519	0.45896196	0.68235016	TMEM74
NA	ENSG00000164845	2.21043564	0.06358325	0.38489367	0.40928205	NA	FAM86FP
115330	ENSG00000164849	31.8523968	-1.06103126	0.50730898	0.00273734	0.01401878	GPR146
2852	ENSG00000164850	45.0471998	-0.43758328	0.33680698	0.06105984	0.17378098	GPBR1
340260	ENSG00000164853	0	NA	NA	NA	NA	UNCX
202915	ENSG00000164855	11.5833128	-0.05681496	0.34327631	0.72271694	0.86754018	TMEM184A
4846	ENSG00000164867	21.3330576	0.26684595	0.39801487	0.19208283	0.39421985	NOS3
10407	ENSG00000164871	0	NA	NA	NA	NA	SPAG11B
79778	ENSG00000164877	130.22863	0.46585221	0.2799201	0.03171353	0.10486607	MICALL2
761	ENSG00000164879	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CA3
26173	ENSG00000164880	8820.44384	0.14215501	0.05331978	0.00709968	0.0313007	INTS1
1020	ENSG00000164885	919.584573	0.09313484	0.09110829	0.29288202	0.51900494	CDK5
6522	ENSG00000164889	5454.38291	0.22816924	0.05650476	4.39E-05	0.00036462	SLC4A2
157724	ENSG00000164893	0	NA	NA	NA	NA	SLC7A13

10922	ENSG00000164896	1355.14287	0.10609667	0.07484901	0.14843126	0.33077346	FASTK
83590	ENSG00000164897	1043.21519	-0.04810047	0.08808876	0.57404047	0.77333896	TMUB1
154791	ENSG00000164898	295.764627	-0.08407434	0.14702104	0.53464111	0.74572704	FMC1
2636	ENSG00000164900	0.70129453	0.02714705	0.38368153	0.56969794	NA	GBX1
51808	ENSG00000164902	768.770156	-0.39735636	0.14310071	0.00274615	0.01405297	PHAX
501	ENSG00000164904	1191.63213	0.35209181	0.09576223	0.00014209	0.00104413	ALDH7A1
221937	ENSG00000164916	1705.9571	-0.17357989	0.0769872	0.02116649	0.07622857	FOXK1
1345	ENSG00000164919	1436.70927	0.08961881	0.08613021	0.2854523	0.51095035	COX6C
116039	ENSG00000164920	1.28097681	0.09129719	0.39863959	0.09641927	NA	OSR2
7534	ENSG00000164924	9125.33152	-0.04270425	0.05796218	0.45555093	0.67899711	YWHAZ
79870	ENSG00000164929	153.803382	1.01531982	0.30436923	8.78E-05	0.00067797	BAALC
8323	ENSG00000164930	333.510819	-0.06605203	0.13185652	0.59271113	0.78702605	FZD6
115908	ENSG00000164932	82.6139721	0.60520115	0.26661535	0.00554684	0.02541556	CTHRC1
81034	ENSG00000164933	511.021044	-0.05721452	0.106703	0.57570559	0.7744963	SLC25A32
25879	ENSG00000164934	1486.41796	-0.12347738	0.07291952	0.08397198	0.21903814	DCAF13
81501	ENSG00000164935	0	NA	NA	NA	NA	DCSTAMP
94241	ENSG00000164938	883.527625	0.35475519	0.09812622	0.00017976	0.00129127	TP53INP1
55656	ENSG00000164941	876.677853	0.18957782	0.15327738	0.17660926	0.37133614	INTS8
25962	ENSG00000164944	1574.44096	-0.16011193	0.087578	0.05997656	0.17116441	VIRMA
158326	ENSG00000164946	1166.35774	0.46562947	0.12105882	5.14E-05	0.0004192	FREM1
2669	ENSG00000164949	121.452398	-0.93497181	0.23018974	6.38E-06	6.29E-05	GEM
54704	ENSG00000164951	421.228568	-0.14645161	0.13539776	0.24645709	0.46573089	PDP1
91147	ENSG00000164953	293.540792	0.34812967	0.18800907	0.03474778	0.11270978	TMEM67
9897	ENSG00000164961	840.791875	-0.12966754	0.12321109	0.2660687	0.48831193	WASHC5
138716	ENSG00000164967	104.037522	-0.42854357	0.25084792	0.03413418	0.11122057	RPP25L
203259	ENSG00000164970	948.584678	-0.92940278	0.11065063	6.35E-18	2.08E-16	FAM219A
84688	ENSG00000164972	4.65871149	-0.0183832	0.3713867	0.843707	0.92928146	C9orf24
6619	ENSG00000164975	1445.83473	0.38680726	0.08462079	2.69E-06	2.83E-05	SNAPC3
57462	ENSG00000164976	799.423406	-2.30703986	0.10089022	7.82E-117	2.93E-114	MYORG
318	ENSG00000164978	205.126392	-0.12359727	0.15815551	0.39228852	0.62159606	NUDT2
157378	ENSG00000164983	519.424694	-0.83150669	0.11257141	2.68E-14	6.91E-13	TMEM65
11168	ENSG00000164985	4355.95094	-0.1965172	0.06367665	0.00174692	0.00954158	PSIP1
203238	ENSG00000164989	105.185728	-0.02079999	0.21130826	0.90467063	0.95823316	CCDC171
51271	ENSG00000165006	658.39316	-0.21902029	0.09630354	0.01849187	0.06829463	UBAP1
54769	ENSG00000165023	20.7159513	0.03061663	0.30832441	0.87061022	0.94350971	DIRAS2
6850	ENSG00000165025	1048.00787	0.21205699	0.07997593	0.00663361	0.02953564	SYK
55335	ENSG00000165028	202.462226	0.40756941	0.20286977	0.02010696	0.07321016	NIPSNAP3B
19	ENSG00000165029	17.4524807	0.40310948	0.48426196	0.08743552	0.22586501	ABCA1

4783	ENSG00000165030	192.647532	-0.30851099	0.18033251	0.05299004	0.15563616	NFIL3
137994	ENSG00000165046	81.7770544	-0.2851271	0.25450924	0.15064865	0.33423321	LETM2
55798	ENSG00000165055	1472.09936	-0.0470477	0.09566379	0.61056542	0.7987352	METTTL2B
5568	ENSG00000165059	0	NA	NA	NA	NA	PRKACG
2395	ENSG00000165060	153.160041	-0.34444599	0.19067101	0.03864656	0.12228832	FXN
79698	ENSG00000165061	45.7074162	-0.13902259	0.29809628	0.48059761	0.70158112	ZMAT4
157848	ENSG00000165066	0.32374618	-0.02327237	0.38532124	0.66865339	NA	NKX6-3
137835	ENSG00000165071	0.173733	0.01914545	0.38484597	0.78225479	NA	TMEM71
256691	ENSG00000165072	1.79120473	0.02878021	0.3815672	0.62134372	NA	MAMDC2
136242	ENSG00000165076	1.38173259	-0.02647048	0.38186702	0.64145721	NA	PRSS37
57094	ENSG00000165078	0	NA	NA	NA	NA	CPA6
116328	ENSG00000165084	0	NA	NA	NA	NA	C8orf34
117531	ENSG00000165091	0	NA	NA	NA	NA	TMC1
216	ENSG00000165092	0	NA	NA	NA	NA	ALDH1A1
221656	ENSG00000165097	631.946829	0.10571877	0.10373086	0.28989097	0.51587019	KDM1B
138050	ENSG00000165102	777.329298	0.13619107	0.10648931	0.18232216	0.38008529	HGSNAT
158158	ENSG00000165105	380.801609	-0.70973723	0.13328703	2.26E-08	3.25E-07	RASEF
80318	ENSG00000165113	196.667001	0.18098435	0.17173345	0.23884842	0.45652723	GKAP1
55582	ENSG00000165115	216.28517	0.08565827	0.17105394	0.57672648	0.77528586	KIF27
84267	ENSG00000165118	449.903468	0.02316463	0.11363747	0.83193824	0.92391014	C9orf64
3190	ENSG00000165119	15712.2025	-0.02434375	0.05469925	0.65219481	0.8261929	HNRNPK
136263	ENSG00000165120	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SSMEM1
NA	ENSG00000165121	110.33797	0.2707977	0.21333196	0.13145993	0.30412372	
79987	ENSG00000165124	3.64214623	0.22878965	0.4718851	0.04939177	0.14766919	SVEP1
55503	ENSG00000165125	0	NA	NA	NA	NA	TRPV6
135927	ENSG00000165131	0	NA	NA	NA	NA	LLCFC1
203286	ENSG00000165138	938.759768	0.30505198	0.08883437	0.00040461	0.00267402	ANKS6
2203	ENSG00000165140	35.262048	1.76208904	0.44899933	5.49E-06	5.49E-05	FBP1
84302	ENSG00000165152	891.73292	-0.52564853	0.09220851	4.42E-09	7.00E-08	PGAP4
11244	ENSG00000165156	1176.29375	-0.28283049	0.10571501	0.0052307	0.0241342	ZHX1
286464	ENSG00000165164	0.18922458	0.01954053	0.38488496	0.78225479	NA	CFAP47
1536	ENSG00000165168	16.0917065	2.61847523	0.71049925	1.34E-05	0.00012498	CYBB
6990	ENSG00000165169	140.504406	0.21606113	0.19157113	0.19583482	0.39944263	DYNLT3
155368	ENSG00000165171	15.4443141	0.09626966	0.33491696	0.59204475	0.7865913	METTTL27
58526	ENSG00000165175	1391.50989	0.11266014	0.09221459	0.20824279	0.4158149	MID1IP1
654817	ENSG00000165178	0	NA	NA	NA	NA	NCF1C
158401	ENSG00000165181	0.4819103	-0.00539734	0.38311991	0.88361852	NA	SHOC1
254158	ENSG00000165182	0.89037701	-0.04737719	0.38810027	0.30457487	NA	CXorf58

158405	ENSG00000165185	1517.97012	0.01121532	0.07765661	0.88483011	0.94964311	KIAA1958
139411	ENSG00000165186	1.5402434	-0.10893911	0.40503843	0.06530338	NA	PTCHD1
138065	ENSG00000165188	0.62659733	0.0368787	0.3866636	0.4036524	NA	RNF183
140456	ENSG00000165192	0.173733	0.01914545	0.38484597	0.78225479	NA	ASB11
57526	ENSG00000165194	7.81696745	0.09037238	0.35952523	0.5547956	0.76068726	PCDH19
5277	ENSG00000165195	315.148349	-0.13766193	0.14518711	0.30400346	0.53126299	PIGA
2277	ENSG00000165197	25.0482183	-0.08265314	0.31149469	0.65856183	0.83073135	VEGFD
158131	ENSG00000165202	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR1Q1
392392	ENSG00000165204	0	NA	NA	NA	NA	OR1K1
55342	ENSG00000165209	977.833527	-0.22426449	0.09403939	0.01360998	0.0533957	STRBP
1365	ENSG00000165215	12.6449211	0.13050313	0.35872231	0.44524583	0.67004935	CLDN3
26130	ENSG00000165219	1351.25515	-0.46856226	0.08031386	2.35E-09	3.85E-08	GAPVD1
84270	ENSG00000165233	348.165471	-0.09526364	0.15381065	0.49704328	0.71500229	CARD19
65268	ENSG00000165238	2412.52731	-0.30739387	0.09504379	0.0008115	0.00493414	WNK2
538	ENSG00000165240	798.660948	0.52865658	0.09741124	2.10E-08	3.05E-07	ATP7A
195828	ENSG00000165244	468.468355	-0.50538205	0.11372202	3.38E-06	3.49E-05	ZNF367
22829	ENSG00000165246	0	NA	NA	NA	NA	NLGN4Y
139324	ENSG00000165259	225.346524	-0.32121009	0.18435609	0.0476618	0.14344814	HDX
4712	ENSG00000165264	485.372556	0.11123625	0.11353297	0.30520031	0.53260394	NDUFB6
364	ENSG00000165269	0.37844916	0.02407552	0.3854191	0.60038877	NA	AQP7
112267859	ENSG00000165269	0.37844916	0.02407552	0.3854191	0.60038877	NA	AQP7
65083	ENSG00000165271	1398.51253	0.1421368	0.07786482	0.06215155	0.17598767	NOL6
360	ENSG00000165272	95.4788297	0.46648311	0.24457881	0.02000757	0.07295538	AQP3
158234	ENSG00000165275	369.507474	0.09772868	0.12695612	0.41544539	0.64244323	TRMT10B
7415	ENSG00000165280	5765.96118	0.07409245	0.05957797	0.23883392	0.45652723	VCP
84720	ENSG00000165282	843.935829	0.12136087	0.10788144	0.24107649	0.45895616	PIGO
30968	ENSG00000165283	2244.89283	-0.12887172	0.06427106	0.04177411	0.12978364	STOML2
254065	ENSG00000165288	1145.88971	-0.24200092	0.08170329	0.00237332	0.01240429	BRWD3
26050	ENSG00000165300	254.439862	0.14754165	0.15691871	0.30283591	0.53006303	SLITRK5
9833	ENSG00000165304	1103.412	-0.10347981	0.0892384	0.23257151	0.44940365	MELK
219681	ENSG00000165309	6.50278616	-0.06882259	0.36862118	0.57667014	0.77528586	ARMC3
220213	ENSG00000165312	65.3695128	0.19162595	0.24627784	0.32166085	0.54929861	OTUD1
94134	ENSG00000165322	457.148032	0.31276956	0.13337995	0.01213543	0.04865943	ARHGAP12
120114	ENSG00000165323	492.649375	-1.26219828	0.14960741	2.97E-18	1.01E-16	FAT3
159989	ENSG00000165325	1.71514281	0.03366814	0.37907901	0.65213618	NA	DEUP1
143279	ENSG00000165338	457.621234	-0.34782076	0.13103597	0.00460288	0.02169148	HECTD2
84889	ENSG00000165349	8.55055255	4.02212687	1.24279198	0.00017772	0.001278	SLC7A3
254170	ENSG00000165355	147.108441	0.17486957	0.19758899	0.30348734	0.53085409	FBXO33

203522	ENSG00000165359	302.324472	-0.00709402	0.13088083	0.95308308	0.98058207	INTS6L
83550	ENSG00000165370	0	NA	NA	NA	NA	GPR101
9075	ENSG00000165376	1.17613771	0.05312853	0.38675507	0.31748969	NA	CLDN2
145581	ENSG00000165379	0.34179133	0.00186157	0.38337287	0.94760546	NA	LRFN5
474354	ENSG00000165383	0	NA	NA	NA	NA	LRRC18
171546	ENSG00000165389	856.575601	-0.11714474	0.08973712	0.17872825	0.3746401	SPTSSA
7486	ENSG00000165392	843.608187	0.07578563	0.1549013	0.59374519	0.78750562	WRN
220972	ENSG00000165406	522.119947	0.04135165	0.15219689	0.76835419	0.89324733	MARCHF8
7253	ENSG00000165409	1.37821731	0.04902936	0.38392253	0.4591067	NA	TSHR
1073	ENSG00000165410	508.358537	-1.59594897	0.13968438	2.23E-31	1.33E-29	CFL2
10910	ENSG00000165416	698.464769	-0.26615227	0.10866564	0.0103485	0.04258823	SUGT1
2957	ENSG00000165417	1397.85772	-0.24903554	0.10419889	0.01268154	0.05042118	GTF2A1
219654	ENSG00000165424	557.736948	0.82834159	0.11141559	1.91E-14	4.97E-13	ZCCHC24
283209	ENSG00000165434	334.703141	-0.09097578	0.13802286	0.47986611	0.70107095	PGM2L1
84457	ENSG00000165443	973.383916	-1.76179164	0.08810408	4.43E-90	1.16E-87	PHYHIPL
220963	ENSG00000165449	325.360432	0.02780763	0.13189055	0.82323533	0.91945578	SLC16A9
2350	ENSG00000165457	0.173733	0.01914545	0.38484597	0.78225479	NA	FOLR2
3636	ENSG00000165458	2448.02166	0.19772467	0.0681216	0.00315445	0.01580013	INPPL1
401	ENSG00000165462	9030.15705	0.45755716	0.06286274	1.78E-13	4.28E-12	PHOX2A
4153	ENSG00000165471	0.35648909	0.02381568	0.38538084	0.614114	NA	MBL2
2706	ENSG00000165474	0	NA	NA	NA	NA	GJB2
51084	ENSG00000165475	81.7222712	0.77267111	0.26158481	0.00052681	0.00337378	CRYL1
221035	ENSG00000165476	804.809004	0.29120247	0.09168614	0.00104675	0.00614243	REEP3
220296	ENSG00000165478	0.173124	-0.01911262	0.38486262	0.84537521	NA	HEPACAM
221150	ENSG00000165480	512.224791	-0.2475952	0.1264812	0.03704704	0.11847409	SKA3
221154	ENSG00000165487	537.624513	0.08094156	0.10657114	0.42947781	0.65514684	MICU2
220042	ENSG00000165490	522.294102	-0.06364118	0.14364814	0.63155265	0.81371846	DDIAS
51585	ENSG00000165494	1406.15709	-0.23827533	0.1056881	0.01859793	0.06863521	PCF11
63876	ENSG00000165495	12.594192	-0.02989504	0.34398939	0.84468787	0.92965052	PKNOX2
140801	ENSG00000165496	0	NA	NA	NA	NA	RPL10L
122769	ENSG00000165501	257.516704	-0.44575593	0.14998392	0.00128778	0.00735028	LRR1
6166	ENSG00000165502	1010.14342	0.06018433	0.09413504	0.51038694	0.72572757	RPL36AL
55172	ENSG00000165506	669.430769	-0.07837378	0.10133272	0.42171547	0.64775467	DNAAF2
11067	ENSG00000165507	7.08193596	0.63431637	1.22756783	0.01803893	0.06707127	DEPP1
139081	ENSG00000165509	0	NA	NA	NA	NA	MAGEC3
220979	ENSG00000165511	18.2507471	-0.20303138	0.36342346	0.29685991	0.52357548	ZNF22-AS1
7570	ENSG00000165512	947.108207	0.00279966	0.09931026	0.97776278	0.99246974	ZNF22
23588	ENSG00000165516	900.799767	0.22514372	0.08988776	0.00985629	0.0409823	KLHDC2

161436	ENSG00000165521	1839.75261	-0.0737864	0.07530299	0.31565477	0.5435333	EML5
9147	ENSG00000165525	1161.12649	-0.00230587	0.08420024	0.9768543	0.99214102	NEMF
84881	ENSG00000165526	724.487193	-0.25996579	0.10903865	0.01256695	0.05005587	RPUSD4
382	ENSG00000165527	1488.83759	-0.22827754	0.07679521	0.0023644	0.01236742	ARF6
123016	ENSG00000165533	1645.12038	0.46116087	0.08058691	4.75E-09	7.47E-08	TTC8
57156	ENSG00000165548	404.031986	-0.91848684	0.15445787	3.88E-10	7.03E-09	TMEM63C
58157	ENSG00000165553	0.92922319	-0.05058936	0.38876113	0.26831827	NA	NGB
122945	ENSG00000165555	11.0534601	0.01590901	0.33470265	0.92583719	0.9691565	NOXRED1
1045	ENSG00000165556	0	NA	NA	NA	NA	CDX2
219287	ENSG00000165566	0	NA	NA	NA	NA	AMER2
83592	ENSG00000165568	136.47361	0.03555263	0.20538224	0.83904315	0.92674595	AKR1E2
89890	ENSG00000165572	688.03291	-0.43858266	0.09961499	5.02E-06	5.05E-05	KBTBD6
6758	ENSG00000165583	0	NA	NA	NA	NA	SSX5
10214	ENSG00000165584	0	NA	NA	NA	NA	SSX3
5015	ENSG00000165588	0	NA	NA	NA	NA	OTX2
158584	ENSG00000165591	3.99449654	0.17055395	0.4180074	0.16239323	0.35108224	FAAH2
644168	ENSG00000165606	830.02522	-0.01321934	0.08604476	0.87168532	0.94401928	DRGX
11164	ENSG00000165609	1512.73033	0.02267245	0.09399129	0.80482892	0.91135243	NUDT5
51339	ENSG00000165617	114.129219	-1.78945128	0.29736698	1.19E-10	2.26E-09	DACT1
27199	ENSG00000165621	6.88460709	0.03430981	0.35467868	0.81065786	0.9141961	OXGR1
221044	ENSG00000165623	0.173733	0.01914545	0.38484597	0.78225479	NA	UCMA
222389	ENSG00000165626	372.145977	0.21811148	0.15483544	0.12296438	0.29029191	BEND7
509	ENSG00000165629	1887.80565	-0.09194996	0.07006477	0.18158325	0.37906267	ATP5F1C
8559	ENSG00000165630	415.892492	-0.13471795	0.12243566	0.24445483	0.46304981	PRPF18
83860	ENSG00000165632	370.148534	-0.274081	0.12458131	0.01960942	0.07178059	TAF3
196740	ENSG00000165633	725.177341	-0.1953422	0.0925937	0.02933436	0.09860958	VSTM4
7417	ENSG00000165637	2119.35711	-0.11987226	0.06397389	0.05717444	0.16506708	VDAC2
402381	ENSG00000165643	0.44795842	-0.02501848	0.38558245	0.5807882	NA	SOHLH1
118881	ENSG00000165644	124.835039	-0.57123648	0.22199228	0.00278787	0.01424083	COMTD1
6571	ENSG00000165646	30.266315	-1.72001326	0.49440381	3.11E-05	0.00026655	SLC18A2
118987	ENSG00000165650	1102.82444	-0.23072456	0.08932596	0.00773912	0.03355421	PDZD8
84858	ENSG00000165655	772.470789	-0.80886875	0.10138206	2.76E-16	8.18E-15	ZNF503
23172	ENSG00000165660	500.387331	-0.11977151	0.11372796	0.26919996	0.49225135	ABRAXAS2
169714	ENSG00000165661	1199.74112	-0.30491955	0.08235047	0.00014495	0.00106236	QSOX2
63877	ENSG00000165669	471.52031	-0.11784887	0.11296628	0.27435854	0.49810335	FAM204A
64324	ENSG00000165671	3529.82785	-0.2222504	0.09969735	0.02057604	0.0745623	NSD1
10935	ENSG00000165672	2084.64083	-0.48316834	0.06739188	3.19E-13	7.49E-12	PRDX3
10495	ENSG00000165675	239.515747	-0.06221871	0.19262716	0.70749544	0.85903201	ENOX2

27069	ENSG00000165678	1564.76486	-0.07800327	0.07003394	0.25687337	0.47790765	GHITM
51266	ENSG00000165682	0	NA	NA	NA	NA	CLEC1B
6621	ENSG00000165684	1250.8276	0.2055674	0.08050614	0.00891882	0.03772908	SNAPC4
120939	ENSG00000165685	0	NA	NA	NA	NA	TMEM52B
23203	ENSG00000165688	1513.91457	-0.20677687	0.09009661	0.01792417	0.06671962	PMPCA
10807	ENSG00000165689	1198.4798	-0.0617582	0.09833968	0.51466792	0.72937777	ENTR1
90167	ENSG00000165694	2.79364949	-0.03632127	0.37485393	0.70035793	0.85550433	FRMD7
158067	ENSG00000165695	9.74422171	0.17715836	0.39605679	0.26708999	0.48947584	AK8
11092	ENSG00000165698	107.019156	0.304906	0.21066967	0.08750045	0.22592516	SPACA9
7248	ENSG00000165699	1393.94127	0.09387856	0.08179431	0.24020553	0.45820056	TSC1
8328	ENSG00000165702	0.47217664	-0.00720291	0.38322146	0.86798003	NA	GFI1B
3251	ENSG00000165704	529.380678	-0.20668305	0.14352496	0.11908704	0.28363587	HPRT1
118426	ENSG00000165714	361.219984	0.10078186	0.16117138	0.49133891	0.71066297	BORCS5
138311	ENSG00000165716	1316.12058	-0.14755867	0.08147457	0.06314403	0.17813182	DIPK1B
116225	ENSG00000165724	590.918101	-0.17882466	0.10190943	0.06806219	0.1877746	ZMYND19
219736	ENSG00000165730	83.1110943	1.08438945	0.2656025	4.77E-06	4.82E-05	STOX1
5979	ENSG00000165731	5787.03069	1.41794732	0.09206685	1.14E-54	1.29E-52	RET
9188	ENSG00000165732	5506.14861	-0.21713765	0.05291158	3.40E-05	0.00028989	DDX21
9790	ENSG00000165733	1809.70409	-0.00572326	0.0706262	0.93357333	0.97233948	BMS1
282974	ENSG00000165752	420.90348	-0.28125523	0.11873666	0.01242087	0.04959348	STK32C
57608	ENSG00000165757	56.874746	-0.22382112	0.26630875	0.26348184	0.48542909	JCAD
390431	ENSG00000165762	0	NA	NA	NA	NA	OR4K2
65991	ENSG00000165775	1116.10387	-0.13074866	0.09469892	0.15349278	0.33847913	FUNDC2
90809	ENSG00000165782	523.406873	0.23547979	0.11161124	0.0271193	0.09279871	PIP4P1
64745	ENSG00000165792	1013.69313	0.07537964	0.09188451	0.39874242	0.62756224	METTTL17
29986	ENSG00000165794	0	NA	NA	NA	NA	SLC39A2
57447	ENSG00000165795	326.051571	0.67489738	0.1554309	3.33E-06	3.45E-05	NDRG2
84659	ENSG00000165799	0.16735865	0.01897177	0.38482933	0.78225479	NA	RNASE7
55701	ENSG00000165801	1652.96838	-0.12732352	0.08407567	0.12004946	0.28527742	ARHGEF40
26012	ENSG00000165802	2771.97664	0.0470259	0.06677535	0.47870269	0.7003511	NSMF
51222	ENSG00000165804	1555.69108	0.22087279	0.08251787	0.00604757	0.02733735	ZNF219
160419	ENSG00000165805	2.20660589	-0.12127001	0.41080128	0.03673019	NA	C12orf50
840	ENSG00000165806	248.056994	0.32127468	0.18437074	0.04756486	0.14317808	CASP7
145376	ENSG00000165807	1.80139273	-0.03908088	0.38020193	0.59126722	NA	PPP1R36
153579	ENSG00000165810	0	NA	NA	NA	NA	BTNL9
55088	ENSG00000165813	350.132215	0.23548881	0.14657301	0.08111614	0.21363921	CCDC186
340706	ENSG00000165816	0.61751279	0.03585022	0.38655501	0.41235257	NA	VWA2
56339	ENSG00000165819	1970.33342	0.34555013	0.07047723	5.88E-07	6.94E-06	METTTL3

6297	ENSG00000165821	1103.62318	-0.24370629	0.08273144	0.00250603	0.01300029	SALL2
118471	ENSG00000165828	4.98636661	-0.06829719	0.37020129	0.58031487	0.77774473	PRAP1
142940	ENSG00000165832	494.873464	-0.09265131	0.10719869	0.36673598	0.59606123	TRUB1
220081	ENSG00000165837	5.77840572	0.10246568	0.37389772	0.45598613	0.67958359	ERICH6B
1557	ENSG00000165841	0.45209736	-0.02505403	0.38558831	0.57865948	NA	CYP2C19
53349	ENSG00000165861	470.839946	-0.09026992	0.12611622	0.44727406	0.67119864	ZFYVE1
143379	ENSG00000165863	2.19471467	0.00837943	0.37467418	0.9242075	NA	C10orf82
259217	ENSG00000165868	1544.72148	-1.13179115	0.08257965	1.05E-43	8.97E-42	HSPA12A
NA	ENSG00000165874	19.8866609	0.04988449	0.34720481	0.75047009	0.88259197	SHLD2P1
10023	ENSG00000165879	82.448636	0.44558648	0.2527594	0.02907597	0.09795675	FRAT1
80019	ENSG00000165886	112.232366	0.24112495	0.22060455	0.18779626	0.38811227	UBTD1
26287	ENSG00000165887	0.48001468	-0.0354033	0.38631979	0.49116481	NA	ANKRD2
144455	ENSG00000165891	479.3957	0.46954547	0.133981	0.00019129	0.00136667	E2F7
143872	ENSG00000165895	28.888656	6.60530171	1.06851193	4.49E-10	8.07E-09	ARHGAP42
122961	ENSG00000165898	283.814336	-0.08582915	0.13624242	0.49946657	0.71682702	ISCA2
283310	ENSG00000165899	0	NA	NA	NA	NA	OTOGL
120071	ENSG00000165905	135.593508	1.40588496	0.24816378	1.17E-09	2.00E-08	LARGE2
29763	ENSG00000165912	492.193843	1.12822633	0.11506759	1.27E-23	5.78E-22	PACSIN3
145567	ENSG00000165914	573.773947	-0.30036227	0.11101152	0.00449698	0.02129357	TTC7B
91252	ENSG00000165915	928.441429	-0.23006098	0.09577133	0.01264993	0.05031567	SLC39A13
5702	ENSG00000165916	1788.65053	-0.15221699	0.08833841	0.07601573	0.20344694	PSMC3
5913	ENSG00000165917	0.83112686	0.02089355	0.38085822	0.73074749	NA	RAPSN
79841	ENSG00000165923	20.4697377	0.05515624	0.31843626	0.76414489	0.8914874	AGBL2
123036	ENSG00000165929	0	NA	NA	NA	NA	TC2N
53981	ENSG00000165934	1339.23936	-0.25389997	0.09236238	0.0045098	0.02133899	CPSF2
341346	ENSG00000165935	0.36029818	0.02384302	0.38538512	0.61219644	NA	SMCO2
64112	ENSG00000165943	955.889332	-0.38703688	0.08841776	6.56E-06	6.44E-05	MOAP1
122509	ENSG00000165948	147.362209	0.24098899	0.20944842	0.17306146	0.36578929	IFI27L1
3429	ENSG00000165949	41.2621299	1.05495374	0.40362309	0.00082242	0.0049857	IFI27
145264	ENSG00000165953	0	NA	NA	NA	NA	SERPINA12
79789	ENSG00000165959	179.341362	0.0128027	0.21335852	0.94420183	0.97728379	CLMN
29951	ENSG00000165966	3.79951255	0.08689175	0.38289048	0.41256035	0.64014381	PDZRN4
9152	ENSG00000165970	19.0675828	-1.32286959	0.65742718	0.00241963	0.01260981	SLC6A5
120935	ENSG00000165972	18.8357248	0.02676577	0.31908751	0.88361877	0.94890373	CCDC38
4745	ENSG00000165973	796.331629	-0.41628542	0.1060464	4.28E-05	0.00035718	NELL1
9317	ENSG00000165983	12.1090045	1.5536218	0.88121621	0.00326577	0.01626735	PTER
389941	ENSG00000165985	13.4284147	3.10135971	0.9902274	7.50E-05	0.00058997	C1QL3
783	ENSG00000165995	151.63063	0.4680142	0.19404457	0.00616647	0.02772326	CACNB2

9200	ENSG00000165996	263.200279	0.24836721	0.16008516	0.08736055	0.2257402	HACD1
221079	ENSG00000165997	1837.12218	0.06644474	0.07527889	0.36859482	0.59798654	ARL5B
56935	ENSG00000166002	190.814288	0.73267221	0.22043251	0.00016529	0.0011976	SMCO4
85459	ENSG00000166004	919.17644	-0.26633255	0.09369346	0.00320751	0.01600127	CEP295
3747	ENSG00000166006	0	NA	NA	NA	NA	KCNC2
NA	ENSG00000166007	0	NA	NA	NA	NA	TRIM51HP
79101	ENSG00000166012	2034.13437	-0.13001973	0.07129693	0.06320065	0.17823752	TAF1D
NA	ENSG00000166013	0	NA	NA	NA	NA	TRIM53BP
25841	ENSG00000166016	199.633758	-1.6614008	0.18632088	3.65E-20	1.38E-18	ABTB2
27291	ENSG00000166024	339.88938	0.01545274	0.12661325	0.89872126	0.95556135	R3HCC1L
154810	ENSG00000166025	4330.27158	-0.12386062	0.05484453	0.02239702	0.07975033	AMOTL1
5654	ENSG00000166033	66.6457416	1.85726214	0.32942661	1.10E-09	1.88E-08	HTRA1
3990	ENSG00000166035	0	NA	NA	NA	NA	LIPC
9702	ENSG00000166037	1032.56959	-0.2123608	0.09037787	0.01534658	0.05867723	CEP57
255394	ENSG00000166046	53.66854	0.08467835	0.27673186	0.66459289	0.83444869	TCP11L2
139135	ENSG00000166049	0	NA	NA	NA	NA	PASD1
161742	ENSG00000166068	879.770018	0.01887959	0.09711488	0.84156181	0.92800104	SPRED1
145942	ENSG00000166069	0	NA	NA	NA	NA	TMCO5A
11245	ENSG00000166073	918.126618	-0.73079414	0.09664142	8.77E-15	2.34E-13	GPR176
83700	ENSG00000166086	1738.51858	-0.16153849	0.07269733	0.02343372	0.08269745	JAM3
64806	ENSG00000166090	0	NA	NA	NA	NA	IL25
116173	ENSG00000166091	0	NA	NA	NA	NA	CMTM5
NA	ENSG00000166104	0	NA	NA	NA	NA	
112937	ENSG00000166105	213.865815	-2.76015251	0.20422028	7.23E-43	5.88E-41	GLB1L3
170689	ENSG00000166106	0.53038805	0.03940474	0.38680981	0.41702279	NA	ADAMTS15
55530	ENSG00000166111	274.652086	-3.10936608	0.21472318	6.25E-49	5.96E-47	SVOP
219938	ENSG00000166118	0	NA	NA	NA	NA	SPATA19
84706	ENSG00000166123	1933.62728	0.37067895	0.11482527	0.00070185	0.00433655	GPT2
81693	ENSG00000166126	1.12588503	-0.0459897	0.38306303	0.49565157	NA	AMN
51762	ENSG00000166128	409.582957	-0.27064582	0.12450459	0.0209494	0.07555646	RAB8B
121457	ENSG00000166130	356.988058	-0.04244138	0.13055109	0.72855313	0.87026999	IKBIP
27079	ENSG00000166133	216.254845	0.30399987	0.20147235	0.07841384	0.20834747	RPUSD2
55662	ENSG00000166135	2003.15918	-0.20551843	0.06710138	0.0018335	0.00993627	HIF1AN
4714	ENSG00000166136	1532.76589	-0.05576679	0.08424681	0.4969279	0.71500229	NDUFB8
84936	ENSG00000166140	322.110496	0.14436812	0.1477952	0.28938843	0.51546747	ZFYVE19
54866	ENSG00000166143	0.173124	-0.01911262	0.38486262	0.84537521	NA	PPP1R14D
6692	ENSG00000166145	66.3851875	0.61876501	0.31330676	0.01006639	0.04165471	SPINT1
2200	ENSG00000166147	1226.54979	-0.43356232	0.08964495	6.29E-07	7.39E-06	FBN1

552	ENSG00000166148	0	NA	NA	NA	NA	AVPR1A
123970	ENSG00000166152	0	NA	NA	NA	NA	C16orf78
120863	ENSG00000166153	34.5411496	0.11325831	0.30030392	0.56170248	0.76502898	DEPDC4
654429	ENSG00000166159	4.89637704	-0.01015455	0.36732039	0.92218399	0.96738383	LRTM2
728458	ENSG00000166160	0	NA	NA	NA	NA	OPN1MW2
29117	ENSG00000166164	1891.10149	0.01857323	0.0778394	0.80821393	0.91317199	BRD7
1152	ENSG00000166165	8312.94075	-0.51159225	0.06178454	4.77E-17	1.48E-15	CKB
115708	ENSG00000166166	467.40254	-0.07905896	0.12960822	0.51612361	0.73027332	TRMT61A
8945	ENSG00000166167	763.07839	-0.33371614	0.11490533	0.00225195	0.01185112	BTRC
27343	ENSG00000166169	525.635847	0.10885576	0.12422877	0.3544769	0.58494733	POLL
9529	ENSG00000166170	763.960708	-0.28965574	0.09762513	0.00209228	0.01111697	BAG5
25911	ENSG00000166171	253.312244	0.37751472	0.1487638	0.00593761	0.02693239	DPCD
55323	ENSG00000166173	274.367615	-0.12890118	0.17718464	0.41100563	0.63865537	LARP6
8539	ENSG00000166181	1844.52111	0.09978047	0.07778813	0.19039699	0.39167661	API5
374569	ENSG00000166183	1.65534621	0.07420061	0.38963652	0.27786859	NA	ASPG
57567	ENSG00000166188	360.783454	-0.04605036	0.16493336	0.7572656	0.88697677	ZNF319
79803	ENSG00000166189	336.693065	-0.10974566	0.12815665	0.36249474	0.59216926	HPS6
123228	ENSG00000166192	46.8731832	-0.38217815	0.35112078	0.09627348	0.2423634	SENP8
9221	ENSG00000166197	4656.7939	-0.32388075	0.05313576	7.20E-10	1.26E-08	NOLC1
221120	ENSG00000166199	222.989379	0.02209675	0.16542174	0.88380884	0.94897201	ALKBH3
9318	ENSG00000166200	1239.88703	-0.49208372	0.08211144	8.45E-10	1.47E-08	COPS2
2562	ENSG00000166206	1273.49138	-3.19875738	0.09909673	5.68E-230	1.61E-226	GABRB3
121599	ENSG00000166211	0	NA	NA	NA	NA	SPIC
219793	ENSG00000166220	0	NA	NA	NA	NA	TBATA
8879	ENSG00000166224	1563.05563	0.14722525	0.07098408	0.03433822	0.11170355	SGPL1
10818	ENSG00000166225	812.607213	0.11609134	0.12393654	0.32207293	0.54965002	FRS2
10576	ENSG00000166226	4320.7004	-0.04320803	0.0740999	0.54912941	0.75563376	CCT2
5092	ENSG00000166228	931.538811	-0.3055369	0.09967355	0.00144735	0.00813008	PCBD1
25820	ENSG00000166233	1321.63518	-0.17217595	0.08892811	0.0461012	0.13985441	ARIH1
146562	ENSG00000166246	15.8127491	-0.3954845	0.53813401	0.07320075	0.19780754	C16orf71
79827	ENSG00000166250	2229.50361	-0.3054968	0.06540751	2.00E-06	2.16E-05	CLMP
55800	ENSG00000166257	780.372459	-2.08127205	0.10391672	2.09E-90	5.53E-88	SCN3B
1353	ENSG00000166260	1274.72555	-0.08074352	0.08512416	0.32974834	0.55849471	COX11
7753	ENSG00000166261	493.830715	-0.04770488	0.11239198	0.65615073	0.82907086	ZNF202
196951	ENSG00000166262	72.3486432	0.00924345	0.25507708	0.9630764	0.98545957	FAM227B
252983	ENSG00000166263	531.524771	-0.17808303	0.26966677	0.36887308	0.59820516	STXBP4
116159	ENSG00000166265	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CYYR1
8065	ENSG00000166266	1023.91743	-0.1708566	0.1119662	0.10963278	0.26642754	CUL5

196446	ENSG00000166268	0	NA	NA	NA	NA	MYRFL
54838	ENSG00000166272	596.309083	-0.02653613	0.10550291	0.79215147	0.90499209	WBP1L
102724307	ENSG00000166272	596.309083	-0.02653613	0.10550291	0.79215147	0.90499209	WBP1L
119032	ENSG00000166275	313.566476	-0.00994678	0.14662151	0.94037819	0.97517789	BORCS7
717	ENSG00000166278	0.70025675	0.016725	0.38289955	0.74186697	NA	C2
79156	ENSG00000166289	50.9916888	-0.03301562	0.26161403	0.86199492	0.9387792	PLEKHF1
55273	ENSG00000166292	326.330483	2.43469839	0.17884846	2.43E-43	2.03E-41	TMEM100
119504	ENSG00000166295	921.295829	-0.21709428	0.09183849	0.01465659	0.0565733	ANAPC16
6609	ENSG00000166311	302.246883	-0.04528374	0.18014766	0.77452658	0.89613481	SMPD1
322	ENSG00000166313	1463.57308	-0.10480948	0.074568	0.15180757	0.33588293	APBB1
79933	ENSG00000166317	25.0300082	0.03359504	0.31663831	0.85341538	0.93396002	SYNPO2L
25961	ENSG00000166321	89.1001574	0.11627185	0.22100471	0.52255063	0.73580254	NUDT13
160140	ENSG00000166323	10.3770335	-0.05440945	0.35087517	0.71511769	0.86271551	C11orf65
54765	ENSG00000166326	2995.6089	0.1054351	0.10557007	0.29916786	0.52614931	TRIM44
101927581	ENSG00000166329	1.86498491	0.07560952	0.38709497	0.35244729	NA	CCDC182
3611	ENSG00000166333	1105.91226	0.04231734	0.07726476	0.5757679	0.7744963	ILK
6881	ENSG00000166337	1429.44304	0.02907167	0.07798182	0.70356393	0.85751377	TAF10
1200	ENSG00000166340	820.179927	0.13857838	0.12021623	0.22437235	0.43811368	TPP1
8642	ENSG00000166341	6105.67825	-0.25183336	0.05442528	2.90E-06	3.04E-05	DCHS1
81832	ENSG00000166342	0	NA	NA	NA	NA	NETO1
118490	ENSG00000166343	47.1682303	0.1594494	0.27979861	0.42361891	0.64955555	MSS51
1528	ENSG00000166347	489.798007	-0.00992536	0.11400314	0.92647303	0.96932621	CYB5A
159195	ENSG00000166348	591.174615	-0.23540753	0.11536598	0.03172671	0.10489217	USP54
5896	ENSG00000166349	78.2591022	-0.80255939	0.34302795	0.00261323	0.01347361	RAG1
317754	ENSG00000166351	0.18922458	0.01954053	0.38488496	0.78225479	NA	POTED
119710	ENSG00000166352	621.264058	-0.43509073	0.10487111	1.57E-05	0.00014387	IFTAP
126248	ENSG00000166359	14.4210309	0.14506648	0.3586186	0.41229933	0.64005916	WDR88
144124	ENSG00000166363	0	NA	NA	NA	NA	OR10A5
120776	ENSG00000166368	0	NA	NA	NA	NA	OR2D2
374868	ENSG00000166377	378.747709	0.06747588	0.13843375	0.60251936	0.79259054	ATP9B
8495	ENSG00000166387	400.337795	-1.03748761	0.20283143	3.47E-08	4.86E-07	PPFIBP2
80168	ENSG00000166391	0	NA	NA	NA	NA	MOGAT2
51700	ENSG00000166394	16.5923783	0.0583635	0.34733345	0.70565146	0.85810136	CYB5R2
8710	ENSG00000166396	0	NA	NA	NA	NA	SERPINB7
9710	ENSG00000166398	821.699917	0.16672689	0.0902585	0.0573078	0.16533181	GARRE1
5271	ENSG00000166401	14.0487968	0.17764796	0.37952812	0.30739485	0.53486671	SERPINB8
7275	ENSG00000166402	4387.75904	-0.46797157	0.05677641	3.48E-17	1.09E-15	TUB
79608	ENSG00000166405	522.50336	-0.48725048	0.12294733	2.90E-05	0.00025076	RIC3

4004	ENSG00000166407	554.811193	-0.8325246	0.11426462	5.65E-14	1.41E-12	LMO1
NA	ENSG00000166408	0	NA	NA	NA	NA	OR5P1P
3419	ENSG00000166411	537.219685	-0.31460118	0.11196845	0.00318977	0.01593228	IDH3A
256764	ENSG00000166415	0	NA	NA	NA	NA	WDR72
1381	ENSG00000166426	480.688212	0.36606369	0.12568837	0.00201635	0.01077441	CRABP1
122618	ENSG00000166428	0.71563014	0.02307282	0.38312712	0.59572404	NA	PLD4
84460	ENSG00000166432	395.265776	0.35627477	0.14232355	0.00699088	0.03094578	ZMAT1
143570	ENSG00000166435	346.376775	-0.26091132	0.15316948	0.06232829	0.17640417	XRRA1
9866	ENSG00000166436	532.793906	-0.08156215	0.14655971	0.54424633	0.75220113	TRIM66
254225	ENSG00000166439	636.658573	0.03558064	0.10419101	0.72498318	0.86844186	RNF169
6157	ENSG00000166441	17129.6918	-0.06467749	0.04458162	0.13875648	0.31543588	RPL27A
6764	ENSG00000166444	910.392535	0.17082324	0.09116678	0.05352961	0.15677997	DENND2B
124359	ENSG00000166446	1.26304592	0.07023556	0.39299654	0.13809485	NA	CDYL2
222865	ENSG00000166448	693.700599	-0.4104831	0.10759948	6.86E-05	0.00054557	TMEM130
283659	ENSG00000166450	939.345641	-0.24405702	0.11069443	0.0208425	0.07533523	PRTG
55839	ENSG00000166451	493.219757	-0.51285997	0.14230019	0.00011221	0.00084232	CENPN
56672	ENSG00000166452	223.467972	0.02037476	0.17044894	0.89540763	0.95469109	AKIP1
23300	ENSG00000166454	1550.9223	-0.10763056	0.07815504	0.16342313	0.35246384	ATMIN
123775	ENSG00000166455	8.15458342	0.05578857	0.3661037	0.65935209	0.83105722	C16orf46
440026	ENSG00000166471	792.725469	0.07520923	0.11062898	0.4782274	0.69986975	TMEM41B
114780	ENSG00000166473	0.173124	-0.01911262	0.38486262	0.84537521	NA	PKD1L2
123169	ENSG00000166477	715.998175	-0.72477565	0.09851746	4.16E-14	1.06E-12	LEO1
7702	ENSG00000166478	431.779585	-0.19366342	0.13827377	0.13163549	0.30439464	ZNF143
54495	ENSG00000166479	1205.91458	-0.01389098	0.08503582	0.86091141	0.9380757	TMX3
4239	ENSG00000166482	8152.64825	1.22702558	0.06614207	8.84E-78	1.72E-75	MFAP4
7465	ENSG00000166483	1031.65292	-0.37756083	0.11875323	0.0007973	0.00485824	WEE1
5598	ENSG00000166484	863.352353	0.25172929	0.10560732	0.01293245	0.05125444	MAPK7
NA	ENSG00000166492	0.3180506	0.00098569	0.38336561	0.96763183	NA	FAM86GP
5579	ENSG00000166501	0	NA	NA	NA	NA	PRKCB
50810	ENSG00000166503	2193.05806	-0.37767575	0.06759284	1.31E-08	1.96E-07	HDGFL3
8509	ENSG00000166507	437.757323	0.0921751	0.15487469	0.51587702	0.73002854	NDST2
4176	ENSG00000166508	11033.8124	0.06718476	0.05582165	0.22453184	0.43832645	MCM7
10143	ENSG00000166509	0	NA	NA	NA	NA	CLEC3A
80323	ENSG00000166510	45.0100406	0.0419051	0.27216492	0.82978234	0.922859	CCDC68
26253	ENSG00000166523	0	NA	NA	NA	NA	CLEC4E
7551	ENSG00000166526	1895.12402	0.2543176	0.07024077	0.00022642	0.00158845	ZNF3
338339	ENSG00000166527	0	NA	NA	NA	NA	CLEC4D
7589	ENSG00000166529	413.178469	0.16686109	0.12282983	0.15129641	0.33531286	ZSCAN21

NA	ENSG00000166530	0	NA	NA	NA	NA	HSBP1P2
57494	ENSG00000166532	1605.39756	0.04897609	0.08138094	0.53850176	0.74827532	RIMKLB
144568	ENSG00000166535	0.18922458	0.01954053	0.38488496	0.78225479	NA	A2ML1
146227	ENSG00000166546	3.55471473	0.0556904	0.37584806	0.58717306	0.78237765	BEAN1
7084	ENSG00000166548	245.429391	0.33192895	0.17021709	0.02979707	0.09982672	TK2
23423	ENSG00000166557	1153.13003	-0.10536872	0.08503435	0.20368599	0.41010046	TMED3
146167	ENSG00000166558	0	NA	NA	NA	NA	SLC38A8
90701	ENSG00000166562	516.918661	-0.03860176	0.10703139	0.70606626	0.85825065	SEC11C
339302	ENSG00000166569	0	NA	NA	NA	NA	CPLX4
2587	ENSG00000166573	0	NA	NA	NA	NA	GALR1
65084	ENSG00000166575	399.169347	-0.11594434	0.15968497	0.4228416	0.64881495	TMEM135
115811	ENSG00000166578	31.2082929	1.15127648	0.52280118	0.00196268	0.01052991	IQCD
81565	ENSG00000166579	457.699619	0.11560636	0.11459464	0.29062274	0.51667585	NDEL1
201161	ENSG00000166582	2420.02969	0.00816539	0.08100681	0.91909427	0.96566562	CENPV
1014	ENSG00000166589	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CDH16
6236	ENSG00000166592	4.45275555	0.24292628	0.47686876	0.06465931	0.18119939	RRAD
51647	ENSG00000166595	1473.3152	0.13884048	0.08321764	0.0872656	0.22552422	CIAO2B
146845	ENSG00000166596	0	NA	NA	NA	NA	CFAP52
7184	ENSG00000166598	15958.0263	0.55140103	0.08400955	1.84E-11	3.82E-10	HSP90B1
4160	ENSG00000166603	8.93865668	0.0440981	0.3496991	0.77229561	0.89548539	MC4R
10904	ENSG00000166619	1207.56552	0.04271386	0.0817534	0.59345679	0.7872548	BLCAP
89777	ENSG00000166634	0	NA	NA	NA	NA	SERPINB12
89832	ENSG00000166664	206.982309	0.5081114	0.2168905	0.00636525	0.02851342	CHRFAM7A
80063	ENSG00000166669	189.660004	0.41858672	0.2031254	0.01718653	0.06451859	ATF7IP2
4319	ENSG00000166670	0	NA	NA	NA	NA	MMP10
780776	ENSG00000166676	330.711417	-0.03022752	0.15841064	0.83251997	0.92392457	TVP23A
27018	ENSG00000166681	3020.12422	-0.07551187	0.06223623	0.21808761	0.42997696	BEX3
80975	ENSG00000166682	22.6051055	1.2723861	0.97728158	0.00621331	0.02788959	TMPRSS5
9382	ENSG00000166685	937.37038	-0.00012106	0.08990039	0.99786794	0.99926338	COG1
144100	ENSG00000166689	341.985636	0.5602419	0.14286903	2.83E-05	0.00024624	PLEKHA7
NA	ENSG00000166693	0	NA	NA	NA	NA	OR5M13P
80095	ENSG00000166704	345.832087	0.13962897	0.16128165	0.33993135	0.57028903	ZNF606
644353	ENSG00000166707	169.857484	0.20825105	0.1893297	0.20696273	0.41417369	ZCCHC18
567	ENSG00000166710	1562.99793	0.07528788	0.06846828	0.26402253	0.48609939	B2M
9640	ENSG00000166716	1444.09345	-0.23162933	0.07408596	0.00140579	0.00793707	ZNF592
113201	ENSG00000166734	1627.31538	0.03440755	0.07605041	0.6449507	0.82283284	GOLM2
3359	ENSG00000166736	0	NA	NA	NA	NA	HTR3A
4837	ENSG00000166741	0.173733	0.01914545	0.38484597	0.78225479	NA	NNMT

116285	ENSG00000166743	0	NA	NA	NA	NA	ACSM1
164	ENSG00000166747	1374.71809	-0.19732301	0.08454529	0.01656941	0.06260468	APIG1
162394	ENSG00000166750	0	NA	NA	NA	NA	SLFN5
117155	ENSG00000166762	91.3833054	-0.49189637	0.296006	0.02816464	0.09547008	CATSPER2
554225	ENSG00000166763	12.1021893	1.8145793	0.87846417	0.00163061	0.00901906	STRCP1
NA	ENSG00000166770	384.741464	0.07254564	0.12105567	0.52847328	0.74019836	ZNF667-AS1
89927	ENSG00000166780	840.186506	-0.52467737	0.09244777	5.12E-09	8.00E-08	BMERB1
9665	ENSG00000166783	1909.05541	0.18472011	0.10998467	0.07924437	0.20999175	MARF1
6290	ENSG00000166787	0	NA	NA	NA	NA	SAA3P
113174	ENSG00000166788	636.61494	-0.22895907	0.10824939	0.02700081	0.09245712	SAAL1
219539	ENSG00000166793	85.0944552	0.24331229	0.24537857	0.21039291	0.41905384	YPEL4
5479	ENSG00000166794	5278.50592	0.39399397	0.06342828	2.90E-10	5.32E-09	PIIB
3948	ENSG00000166796	0.93312285	-0.0220967	0.38190803	0.60757747	NA	LDHC
84191	ENSG00000166797	468.543911	-0.15989019	0.11763169	0.15218612	0.33649534	CIAO2A
160287	ENSG00000166800	8.67624426	-0.02868348	0.34715586	0.84845944	0.93105283	LDHAL6A
63901	ENSG00000166801	176.139606	3.96196011	0.2921695	1.82E-43	1.54E-41	FAM111A
9768	ENSG00000166803	739.404132	-0.41047931	0.09297366	5.16E-06	5.16E-05	PCLAF
374654	ENSG00000166813	591.79113	0.36401596	0.10908738	0.00048784	0.0031582	KIF7
197257	ENSG00000166816	4.18586365	0.24872558	0.49109393	0.03964415	0.12457077	LDHD
5346	ENSG00000166819	10.3089048	0.15606641	0.38121582	0.33416203	0.56389725	PLIN1
8800	ENSG00000166821	218.056939	0.17270216	0.17813145	0.27411797	0.49775768	PEX11A
124491	ENSG00000166822	586.842113	-0.18285804	0.12632656	0.12398367	0.29179342	TMEM170A
55897	ENSG00000166823	57.4374589	0.46324134	0.32442015	0.04693852	0.14178748	MESPI
290	ENSG00000166825	154.679631	-0.21483335	0.22960957	0.24821981	0.46741467	ANPEP
6340	ENSG00000166828	0	NA	NA	NA	NA	SCNN1G
348093	ENSG00000166831	240.026894	1.44286606	0.16544785	2.40E-19	8.69E-18	RBPMS2
89797	ENSG00000166833	8005.1776	0.53492526	0.06525171	9.11E-17	2.77E-15	NAV2
348094	ENSG00000166839	278.180559	-0.13589653	0.16941211	0.37004171	0.59932029	ANKDD1A
92292	ENSG00000166840	16.186122	0.05887029	0.33981254	0.72549773	0.86866734	GLYATL1
162681	ENSG00000166845	424.412588	-0.52923843	0.14411946	8.31E-05	0.0006449	C18orf54
84516	ENSG00000166847	4115.88445	-0.1385592	0.05956776	0.01848707	0.0682896	DCTN5
54386	ENSG00000166848	2227.94113	-0.49304064	0.07181128	2.72E-12	6.02E-11	TERF2IP
5347	ENSG00000166851	1761.89544	-0.12687541	0.08046415	0.10526969	0.25874017	PLK1
10845	ENSG00000166855	762.336017	0.25131085	0.10466949	0.01235156	0.04940623	CLPX
11318	ENSG00000166856	9.60212874	0.26052813	0.44808361	0.14190367	0.32043805	GPR182
9880	ENSG00000166860	871.330102	0.01078201	0.09029448	0.9029863	0.95751119	ZBTB39
10369	ENSG00000166862	136.668927	-3.07454366	0.25776233	6.80E-34	4.41E-32	CACNG2
6866	ENSG00000166863	20.7669879	-0.34482436	0.42403836	0.12470802	0.29301363	TAC3

4640	ENSG00000166866	1.2465507	-0.03277431	0.38265371	0.57241099	NA	MYO1A
63928	ENSG00000166869	0	NA	NA	NA	NA	CHP2
23306	ENSG00000166881	1352.05965	-0.43419614	0.0781878	1.35E-08	2.01E-07	NEMP1
219983	ENSG00000166884	0	NA	NA	NA	NA	OR4D6
4665	ENSG00000166886	309.78288	-0.0941335	0.1389457	0.46643927	0.68929176	NAB2
23339	ENSG00000166887	2239.92182	0.00047049	0.07151217	0.99548404	0.99852582	VPS39
6778	ENSG00000166888	4.11486524	0.12158304	0.38837952	0.33289188	0.56223503	STAT6
219988	ENSG00000166889	941.687105	0.26172946	0.08619628	0.00179965	0.00977684	PATL1
91419	ENSG00000166896	122.236116	-0.04175814	0.20233182	0.80692774	0.91256903	ATP23
114794	ENSG00000166897	43.1419485	-3.05925136	0.45067211	8.16E-13	1.87E-11	ELFN2
6809	ENSG00000166900	459.741296	-0.57424823	0.13120488	3.71E-06	3.81E-05	STX3
54948	ENSG00000166902	414.955154	-0.08945691	0.12898178	0.46063314	0.68374693	MRPL16
79837	ENSG00000166908	653.012439	0.22325376	0.11845237	0.04703473	0.14194844	PIP4K2C
54893	ENSG00000166912	400.814852	0.02336439	0.12018451	0.8386201	0.92674595	MTMR10
7529	ENSG00000166913	4320.7218	-0.2341623	0.06939738	0.00058895	0.00372244	YWHAB
101927671	ENSG00000166917	0	NA	NA	NA	NA	MIR202HG
84419	ENSG00000166920	1.3020088	-0.01851317	0.3776269	0.80753936	NA	C15orf48
6447	ENSG00000166922	166.775217	1.67354776	0.20582652	3.19E-17	1.00E-15	SCG5
26585	ENSG00000166923	1.96510275	-0.06220858	0.38811123	0.30407606	NA	GREM1
222950	ENSG00000166924	652.226081	-0.22491597	0.10637681	0.0272669	0.09311107	NYAP1
81628	ENSG00000166925	610.291673	0.15567691	0.10273952	0.11548358	0.27727493	TSC22D4
245802	ENSG00000166926	0	NA	NA	NA	NA	MS4A6E
58475	ENSG00000166927	0	NA	NA	NA	NA	MS4A7
84689	ENSG00000166928	0	NA	NA	NA	NA	MS4A14
64232	ENSG00000166930	0	NA	NA	NA	NA	MS4A5
115752	ENSG00000166938	812.67053	-0.06605762	0.10320243	0.50479261	0.72128811	DIS3L
23582	ENSG00000166946	752.070874	-0.01759859	0.09917267	0.85331796	0.93390491	CCNDBP1
2038	ENSG00000166947	0.18922458	0.01954053	0.38488496	0.78225479	NA	EPB42
343641	ENSG00000166948	0	NA	NA	NA	NA	TGM6
4088	ENSG00000166949	897.475418	0.16663236	0.10738434	0.10564561	0.25934285	SMAD3
83661	ENSG00000166959	0	NA	NA	NA	NA	MS4A8
374864	ENSG00000166960	0.74020022	-0.00504882	0.382087	0.94748844	NA	CCDC178
219995	ENSG00000166961	0	NA	NA	NA	NA	MS4A15
4130	ENSG00000166963	1460.48387	-0.19896897	0.07659484	0.00793686	0.03427672	MAP1A
91433	ENSG00000166965	924.06723	0.0008441	0.09398337	0.98030779	0.99338199	RCCD1
64400	ENSG00000166971	330.249143	0.03655046	0.14264888	0.78363126	0.9014745	AKTIP
10982	ENSG00000166974	958.132106	-0.13223048	0.09110039	0.13268171	0.30598688	MAPRE2
59271	ENSG00000166979	45.20187	-0.03051817	0.26751348	0.87197901	0.94401928	EVA1C

NA	ENSG00000166984	0.47855198	-0.0099778	0.38335877	0.83031632	NA	TCP10L2
4141	ENSG00000166986	4533.885	0.4938922	0.07315873	6.16E-12	1.33E-10	MARS1
114785	ENSG00000166987	1096.67389	0.61797626	0.11061397	6.55E-09	1.01E-07	MBD6
245812	ENSG00000166997	312.143346	0.28340277	0.13807851	0.02774395	0.0942857	CNPY4
2923	ENSG00000167004	5960.25857	0.32361104	0.08002901	3.45E-05	0.00029372	PDIA3
11051	ENSG00000167005	4170.5484	-0.20839676	0.07348288	0.00380578	0.01847935	NUDT21
375607	ENSG00000167011	215.143167	-0.345306	0.1649546	0.0203621	0.07390853	NAT16
145645	ENSG00000167014	0	NA	NA	NA	NA	TERB2
4824	ENSG00000167034	0	NA	NA	NA	NA	NKX3-1
129049	ENSG00000167037	308.039137	-0.05771454	0.14679756	0.66923522	0.83726414	SGSM1
NA	ENSG00000167046	13.1854438	0.17001326	0.36364226	0.35366978	0.58401019	
150290	ENSG00000167065	159.745282	0.20573907	0.17860487	0.19380836	0.39665339	DUSP18
7008	ENSG00000167074	105.430104	0.0532155	0.20831475	0.76265902	0.89054624	TEF
150365	ENSG00000167077	0.56622391	0.04121299	0.38703405	0.39547994	NA	MEI1
124872	ENSG00000167080	0	NA	NA	NA	NA	B4GALNT2
5090	ENSG00000167081	1305.16483	-0.02712542	0.08512834	0.74340003	0.87901881	PBX3
2793	ENSG00000167083	0	NA	NA	NA	NA	GNGT2
5245	ENSG00000167085	3563.00125	0.01505942	0.06430477	0.81224764	0.91499949	PHB
6632	ENSG00000167088	1741.72001	0.03675181	0.10226181	0.71030767	0.86089825	SNRPD1
158248	ENSG00000167094	4.41770387	0.12116064	0.38822201	0.33415525	0.56389725	TTC16
140732	ENSG00000167098	0	NA	NA	NA	NA	SUN5
201191	ENSG00000167100	1003.71944	-0.28200197	0.09556289	0.00223855	0.01179939	SAMD14
138429	ENSG00000167103	87.7239145	0.10394809	0.21728725	0.56426427	0.76680562	PIP5KL1
128859	ENSG00000167104	0	NA	NA	NA	NA	BPIFB6
162461	ENSG00000167105	0.37844916	0.02407552	0.3854191	0.60038877	NA	TMEM92
399665	ENSG00000167106	549.170372	-0.18119688	0.28177491	0.36536731	0.5947154	FAM102A
80221	ENSG00000167107	361.053151	1.58334082	0.13254597	5.76E-34	3.76E-32	ACSF2
2801	ENSG00000167110	1481.25715	0.10287622	0.08647347	0.22264205	0.43570904	GOLGA2
26995	ENSG00000167112	898.432498	-0.36029555	0.09484081	8.45E-05	0.00065457	TRUB2
51117	ENSG00000167113	705.305155	0.12673415	0.09401785	0.16428287	0.35370289	COQ4
10999	ENSG00000167114	716.356601	0.10929723	0.09519502	0.23598553	0.45280389	SLC27A4
55018	ENSG00000167117	0	NA	NA	NA	NA	ANKRD40CL
81605	ENSG00000167118	1107.08697	0.12273998	0.08823619	0.15283714	0.3375586	URM1
51148	ENSG00000167123	426.357875	0.08082658	0.11808011	0.47242139	0.69457676	CERCAM
57171	ENSG00000167130	579.753896	-0.15401735	0.10444379	0.12345648	0.29110727	DOLPP1
388389	ENSG00000167131	33.3659611	0.27228805	0.34333463	0.20638429	0.41335193	CCDC103
2021	ENSG00000167136	598.653851	-0.1864428	0.10978906	0.07474749	0.20094718	ENDOG
161514	ENSG00000167139	0	NA	NA	NA	NA	TBC1D21

51450	ENSG00000167157	162.409592	1.05136201	0.19113977	4.59E-09	7.24E-08	PRRX2
54578	ENSG00000167165	0	NA	NA	NA	NA	UGT1A6
56905	ENSG00000167173	389.562545	-0.20163986	0.13398365	0.10703391	0.26200528	C15orf39
57611	ENSG00000167178	5615.98338	-1.16350155	0.06933716	3.46E-64	4.94E-62	ISLR2
6668	ENSG00000167182	552.720662	-0.09608611	0.13458248	0.44464256	0.66947775	SP2
79170	ENSG00000167183	2.80742508	0.02826377	0.37109534	0.78616464	0.90280441	PRR15L
10229	ENSG00000167186	355.742255	0.07249214	0.1251613	0.54068124	0.74929575	COQ7
51704	ENSG00000167191	223.600623	0.4376306	0.16398102	0.00334568	0.01659458	GPRC5B
1398	ENSG00000167193	2073.05951	-0.19386825	0.06977432	0.0046626	0.02192085	CRK
146378	ENSG00000167194	1.85940607	0.07739212	0.38730093	0.34878705	NA	C16orf92
653641	ENSG00000167195	0.75689831	0.03380966	0.38651369	0.3822658	NA	GOLGA6C
26263	ENSG00000167196	1336.33502	0.3068937	0.07941579	7.38E-05	0.00058207	FBXO22
23102	ENSG00000167202	1426.17031	0.05675323	0.09270232	0.52944173	0.74118854	TBC1D2B
64127	ENSG00000167207	8.81506738	-0.17640691	0.41637547	0.16895749	0.36036515	NOD2
124460	ENSG00000167208	1.03647493	0.02178715	0.38186455	0.69088788	NA	SNX20
125336	ENSG00000167210	0.4596103	0.00434526	0.38316676	0.97273885	NA	LOXHD1
83473	ENSG00000167216	210.735076	0.55791753	0.20305279	0.00178091	0.00968567	KATNAL2
84064	ENSG00000167220	765.761963	-0.28625	0.09447289	0.00171404	0.00939925	HDHD2
7644	ENSG00000167232	856.632897	-0.11470545	0.13488661	0.36229566	0.59197696	ZNF91
3481	ENSG00000167244	9561.09702	0.82534899	0.4439738	0.00699465	0.03095557	IGF2
257160	ENSG00000167257	674.555559	-0.10501052	0.11964896	0.35444885	0.58494733	RNF214
51755	ENSG00000167258	1310.66028	0.00211193	0.09313103	0.98218241	0.99408818	CDK12
64174	ENSG00000167261	0	NA	NA	NA	NA	DPEP2
54920	ENSG00000167264	215.843501	0.03543373	0.16883921	0.81804689	0.9171248	DUS2
51367	ENSG00000167272	269.577802	0.31039543	0.14357873	0.01957177	0.07166922	POP5
64772	ENSG00000167280	1046.99818	0.31139606	0.13002787	0.01067302	0.04373248	ENGASE
146713	ENSG00000167281	12.9459316	0.32303099	0.47374097	0.11342714	0.27329189	RBFOX3
10632	ENSG00000167283	1517.62566	-0.00503877	0.07974645	0.94636868	0.97814213	ATP5MG
915	ENSG00000167286	0	NA	NA	NA	NA	CD3D
125058	ENSG00000167291	6415.9684	-0.05566458	0.05051876	0.26589391	0.48827746	TBC1D16
146705	ENSG00000167302	661.216025	0.15316522	0.1103525	0.14669865	0.32786991	TEPSIN
4645	ENSG00000167306	22.5800395	-0.10817627	0.32928833	0.55631108	0.76192268	MYO5B
116969	ENSG00000167311	2.93956936	0.03212106	0.37215353	0.75056771	0.8826224	ART5
10449	ENSG00000167315	1311.56762	-0.1290284	0.08514888	0.1196293	0.28460369	ACAA2
6786	ENSG00000167323	589.209848	0.47046458	0.1421309	0.00038195	0.00254208	STIM1
6240	ENSG00000167325	2685.8703	-0.36140526	0.07879466	2.66E-06	2.80E-05	RRM1
81285	ENSG00000167332	0	NA	NA	NA	NA	OR51E2
55128	ENSG00000167333	182.046515	0.46984263	0.2082585	0.00899397	0.03800482	TRIM68

56547	ENSG00000167346	0	NA	NA	NA	NA	MMP26
282763	ENSG00000167355	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR51B5
390063	ENSG00000167359	0	NA	NA	NA	NA	OR51I1
390061	ENSG00000167360	0	NA	NA	NA	NA	OR51Q1
64122	ENSG00000167363	455.380293	0.22667604	0.13460565	0.0713979	0.19425868	FN3K
112476	ENSG00000167371	378.519382	0.0637186	0.12540311	0.59154125	0.78613293	PRRT2
7571	ENSG00000167377	401.968963	0.01898357	0.12856337	0.8764589	0.94556523	ZNF23
126298	ENSG00000167378	1026.94303	-0.08352581	0.10115949	0.39128347	0.62079681	IRGQ
7769	ENSG00000167380	566.720675	0.01976322	0.14364959	0.88316682	0.94857242	ZNF226
7733	ENSG00000167384	238.934047	-0.42854664	0.15911869	0.00319052	0.01593228	ZNF180
NA	ENSG00000167390	0	NA	NA	NA	NA	POM121L3P
28227	ENSG00000167393	762.058597	0.36634667	0.09583505	7.60E-05	0.00059681	PPP2R3B
79759	ENSG00000167394	438.571459	0.11682279	0.1219155	0.31225752	0.53997989	ZNF668
9726	ENSG00000167395	1141.75321	0.00275432	0.07910264	0.97202389	0.9895302	ZNF646
79001	ENSG00000167397	1339.17606	-0.18339618	0.07470254	0.0121864	0.04883422	VKORC1
94235	ENSG00000167414	144.181977	0.17325242	0.18784451	0.29149532	0.51742702	GNG8
4025	ENSG00000167419	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LPO
762	ENSG00000167434	0.29863895	-0.02292439	0.3852726	0.68753245	NA	CA4
55181	ENSG00000167447	684.417632	-0.1072363	0.10228121	0.27575853	0.49982179	SMG8
148231	ENSG00000167459	0	NA	NA	NA	NA	LINC00905
7171	ENSG00000167460	9826.22524	0.05356668	0.05294017	0.30997084	0.53774299	TPM4
4218	ENSG00000167461	830.008981	-0.15478207	0.11578161	0.15854265	0.34569581	RAB8A
2879	ENSG00000167468	1624.7812	-0.61673391	0.08288375	2.87E-14	7.41E-13	GPX4
90007	ENSG00000167470	2506.14231	0.14628665	0.06337513	0.01921158	0.07049338	MIDN
126306	ENSG00000167476	363.422359	2.42566377	0.15673696	3.43E-55	4.01E-53	JSRP1
105372240	ENSG00000167476	363.422359	2.42566377	0.15673696	3.43E-55	4.01E-53	JSRP1
199786	ENSG00000167483	3.27433269	-0.03245497	0.37055502	0.75770342	0.88730562	NIBAN3
55295	ENSG00000167487	302.750423	-0.12860951	0.15563572	0.365395	0.5947154	KLHL26
54815	ENSG00000167491	2235.81339	-0.22776236	0.07910279	0.00317943	0.01589315	GATAD2A
NA	ENSG00000167494	0	NA	NA	NA	NA	NOS2P2
4597	ENSG00000167508	996.075114	-0.3132242	0.12336887	0.00713283	0.03141992	MVD
81620	ENSG00000167513	1026.22229	-0.32491004	0.09938259	0.00068523	0.00424446	CDT1
51693	ENSG00000167515	487.204639	-0.37949679	0.16273106	0.01003	0.04156122	TRAPPC2L
29123	ENSG00000167522	5748.11431	0.26687301	0.07373697	0.00022271	0.00156412	ANKRD11
124045	ENSG00000167523	148.118163	0.14338736	0.18397867	0.37535631	0.60449338	SPATA33
124923	ENSG00000167524	297.161692	-0.03845163	0.13871388	0.76496796	0.89181833	RSKR
147011	ENSG00000167525	132.940662	0.8065229	0.27718492	0.00054807	0.0034928	PROCA1
6137	ENSG00000167526	31376.2646	0.06951121	0.05197643	0.16368042	0.35275692	RPL13

121274	ENSG00000167528	320.421626	0.41554607	0.16052659	0.00446965	0.02118943	ZNF641
3906	ENSG00000167531	0	NA	NA	NA	NA	LALBA
784	ENSG00000167535	1130.26827	0.3258852	0.08260553	5.18E-05	0.00042165	CACNB3
147015	ENSG00000167536	534.973497	-0.50960469	0.10616177	6.05E-07	7.13E-06	DHRS13
90313	ENSG00000167543	626.832644	0.83597991	0.13807321	2.41E-10	4.44E-09	TP53I13
8085	ENSG00000167548	5312.12187	0.14910945	0.05163508	0.00355856	0.01752774	KMT2D
84940	ENSG00000167549	2016.89125	1.32013348	0.07999081	3.33E-62	4.55E-60	CORO6
121268	ENSG00000167550	72.4263769	-0.06056058	0.2282001	0.74167471	0.87812748	RHEBL1
7846	ENSG00000167552	26365.6829	-0.1795062	0.06237414	0.00350469	0.01729247	TUBA1A
84790	ENSG00000167553	78.6283242	0.37435382	0.24823575	0.06044461	0.17230188	TUBA1C
162963	ENSG00000167554	102.939818	0.36929927	0.25018307	0.06421776	0.18026038	ZNF610
84436	ENSG00000167555	675.513611	-0.08614158	0.11425502	0.42856824	0.65447566	ZNF528
55762	ENSG00000167562	171.564197	-0.25901632	0.18343334	0.10795085	0.26343905	ZNF701
29946	ENSG00000167565	135.099302	0.49515859	0.20755475	0.005957	0.02700795	SERTAD3
57701	ENSG00000167566	1602.26676	-0.05668625	0.07236814	0.42474736	0.65048148	NCKAP5L
53916	ENSG00000167578	178.682582	0.17353484	0.17035331	0.2557736	0.47684158	RAB4B
359	ENSG00000167580	1.90249889	0.13691703	0.41831211	0.02867139	NA	AQP2
2819	ENSG00000167588	5.92426203	0.04972271	0.3677097	0.67514686	0.84091366	GPD1
148137	ENSG00000167595	465.530214	0.24014714	0.12303547	0.03864141	0.12228832	PROSER3
29785	ENSG00000167600	0	NA	NA	NA	NA	CYP2S1
558	ENSG00000167601	0.94162468	-0.03816095	0.38462091	0.45455056	NA	AXL
84807	ENSG00000167604	63.8531182	0.05145438	0.25496744	0.78936639	0.90431711	NFKBID
147798	ENSG00000167608	3.50212295	-0.04815289	0.37681384	0.59057269	0.78531918	TMC4
341405	ENSG00000167612	10.8405603	1.9106033	0.93423556	0.00157444	0.00874246	ANKRD33
3903	ENSG00000167613	0	NA	NA	NA	NA	LAIR1
57348	ENSG00000167614	7.10007211	-0.15939202	0.39122303	0.28975255	0.51571638	TTYH1
114823	ENSG00000167615	5170.77604	0.32359052	0.05474353	2.38E-09	3.89E-08	LENG8
148170	ENSG00000167617	0.89228056	0.03000497	0.3843321	0.48640127	NA	CDC42EP5
3904	ENSG00000167618	0	NA	NA	NA	NA	LAIR2
284339	ENSG00000167619	540.097735	-1.26198504	0.1991413	2.05E-11	4.21E-10	TMEM145
116115	ENSG00000167625	310.673747	-0.02394496	0.13008773	0.84408579	0.92948958	ZNF526
83696	ENSG00000167632	642.874246	0.29245042	0.10103709	0.0026265	0.01353851	TRAPPC9
3811	ENSG00000167633	0	NA	NA	NA	NA	KIR3DL1
199713	ENSG00000167634	0	NA	NA	NA	NA	NLRP7
7705	ENSG00000167635	2538.01683	-0.18957776	0.07716637	0.01198064	0.04817509	ZNF146
284349	ENSG00000167637	267.139934	-0.11528557	0.14529248	0.39001364	0.61927737	ZNF283
94274	ENSG00000167641	145.134601	0.99689649	0.22091755	7.90E-07	9.11E-06	PPP1R14A
10653	ENSG00000167642	28.931429	-0.07593251	0.34184504	0.64281684	0.82148002	SPINT2

64073	ENSG00000167644	0	NA	NA	NA	NA	C19orf33
90522	ENSG00000167645	762.989422	0.03132204	0.09162396	0.72726728	0.86953012	YIF1B
352909	ENSG00000167646	32.3937833	-0.18893911	0.31507666	0.35094222	0.5811749	DNAAF3
8000	ENSG00000167653	1.95089704	-0.03571095	0.37771029	0.6695401	NA	PSCA
85300	ENSG00000167654	1348.51056	-1.44971169	0.10641128	2.42E-43	2.03E-41	ATCAY
8581	ENSG00000167656	0	NA	NA	NA	NA	LY6D
1613	ENSG00000167657	819.611089	-0.09879065	0.1018681	0.31341156	0.54126787	DAPK3
1938	ENSG00000167658	65029.2794	-0.31002491	0.05652678	2.71E-08	3.86E-07	EEF2
126259	ENSG00000167664	266.777837	0.41150978	0.15013337	0.0029702	0.01500987	TMIGD2
10036	ENSG00000167670	1598.97874	-0.05724975	0.08551918	0.49157502	0.71084901	CHAF1A
80700	ENSG00000167671	1640.39118	-0.18574527	0.09820737	0.04971273	0.14834779	UBXN6
84717	ENSG00000167674	2114.21011	-0.12528434	0.06860627	0.06314522	0.17813182	HDGFL2
729359	ENSG00000167676	142.438698	0.85214846	0.21081012	8.35E-06	8.06E-05	PLIN4
10501	ENSG00000167680	80.6769494	-0.19663526	0.23383364	0.29527412	0.52190021	SEMA6B
55311	ENSG00000167685	931.207021	0.03889929	0.09649323	0.67777114	0.84270098	ZNF444
64359	ENSG00000167693	633.121151	-0.14716166	0.11246777	0.16901822	0.36039348	NXN
79850	ENSG00000167695	526.437897	-0.04716173	0.14902969	0.72661421	0.86948287	TLCD3A
51031	ENSG00000167699	996.527194	-0.08205989	0.09243604	0.35960979	0.58949503	GLOD4
113655	ENSG00000167700	601.458066	0.23106163	0.10865211	0.02628082	0.09050816	MFSD3
2875	ENSG00000167701	44.9316678	0.36541533	0.33374279	0.10665995	0.26134783	GPT
90990	ENSG00000167702	845.065838	0.30344852	0.09056458	0.00055021	0.00350326	KIFC2
124935	ENSG00000167703	249.331362	-0.56418242	0.16258387	0.0001601	0.00116264	SLC43A2
83547	ENSG00000167705	9.57264379	0.13052781	0.37824722	0.37620145	0.60519502	RILP
5345	ENSG00000167711	4.84422154	0.03304591	0.36448237	0.78963702	0.9043268	SERPINF2
124997	ENSG00000167716	672.24794	0.08730795	0.12103988	0.44667512	0.67085802	WDR81
63826	ENSG00000167720	296.951801	0.36751844	0.1447681	0.00605077	0.02733735	SRR
55720	ENSG00000167721	2529.92366	-0.07556233	0.06855118	0.26259039	0.48463194	TSR1
162514	ENSG00000167723	1.81407516	-0.11258364	0.40381775	0.10889324	NA	TRPV3
374875	ENSG00000167733	352.688697	0.44256961	0.13647332	0.00053228	0.00340548	HSD11B1L
124936	ENSG00000167740	258.042276	-0.24106519	0.16181883	0.09904472	0.24754941	CYB5D2
124975	ENSG00000167741	0	NA	NA	NA	NA	GGT6
84798	ENSG00000167747	1506.92765	-0.45869085	0.08046447	5.38E-09	8.40E-08	C19orf48
3816	ENSG00000167748	0.15069912	-0.01848503	0.38480575	0.84537521	NA	KLK1
9622	ENSG00000167749	0	NA	NA	NA	NA	KLK4
3817	ENSG00000167751	0.76318994	-0.02061218	0.38210442	0.69450557	NA	KLK2
25818	ENSG00000167754	0	NA	NA	NA	NA	KLK5
5653	ENSG00000167755	0	NA	NA	NA	NA	KLK6
11012	ENSG00000167757	0	NA	NA	NA	NA	KLK11

26085	ENSG00000167759	0	NA	NA	NA	NA	KLK13
55769	ENSG00000167766	652.408786	0.2105951	0.10228376	0.03232194	0.10643442	ZNF83
144501	ENSG00000167767	32.4318195	0.1632381	0.30258851	0.41724247	0.64356838	KRT80
3848	ENSG00000167768	0	NA	NA	NA	NA	KRT1
125981	ENSG00000167769	0	NA	NA	NA	NA	ACER1
55611	ENSG00000167770	2258.37506	0.16975439	0.06563733	0.00863976	0.0367681	OTUB1
283248	ENSG00000167771	1750.682	0.30956027	0.07257472	1.36E-05	0.00012602	RCOR2
51129	ENSG00000167772	7.27007445	0.13632395	0.38000199	0.36545862	0.59471759	ANGPTL4
NA	ENSG00000167774	199.858191	0.07546615	0.23554428	0.68707265	0.84783688	
51293	ENSG00000167775	915.937564	0.0718527	0.09156474	0.41956435	0.64543356	CD320
84926	ENSG00000167778	240.333236	0.02171075	0.15823285	0.8816733	0.94773789	SPRYD3
3489	ENSG00000167779	36.7632594	0.05465994	0.27847903	0.77763621	0.89809083	IGFBP6
8435	ENSG00000167780	0.35668925	0.02381712	0.38538107	0.61401291	NA	SOAT2
148156	ENSG00000167785	678.220227	0.1507569	0.11714829	0.17586823	0.37013108	ZNF558
51475	ENSG00000167791	0	NA	NA	NA	NA	CABP2
4723	ENSG00000167792	2069.01931	0.21234043	0.06943935	0.00185933	0.010057	NDUFV1
10263	ENSG00000167797	627.007661	0.46166339	0.1050812	4.92E-06	4.96E-05	CDK2AP2
388503	ENSG00000167798	0	NA	NA	NA	NA	C3P1
254552	ENSG00000167799	57.5468415	0.95812927	0.3220253	0.00033739	0.00227446	NUDT8
347853	ENSG00000167800	0.18922458	0.01954053	0.38488496	0.78225479	NA	TBX10
NA	ENSG00000167807	19.145921	0.06042791	0.32184232	0.74304433	0.87880772	
7001	ENSG00000167815	4608.57407	-0.09609985	0.05982456	0.10183066	0.25266637	PRDX2
81168	ENSG00000167822	0	NA	NA	NA	NA	OR8J3
10798	ENSG00000167825	0	NA	NA	NA	NA	OR5I1
7775	ENSG00000167840	303.076675	-0.06088712	0.1439977	0.6470744	0.82430661	ZNF232
79003	ENSG00000167842	660.994742	-0.04021833	0.10090011	0.67832122	0.84291038	MIS12
10871	ENSG00000167850	0	NA	NA	NA	NA	CD300C
11314	ENSG00000167851	0.37844916	0.02407552	0.3854191	0.60038877	NA	CD300A
83659	ENSG00000167858	0	NA	NA	NA	NA	TEKT1
283987	ENSG00000167861	1764.95477	-0.23258264	0.11353716	0.03111488	0.10319613	HID1
3396	ENSG00000167862	429.499747	-0.12157483	0.11710893	0.27466945	0.49848536	MRPL58
10476	ENSG00000167863	1511.89699	-0.12190973	0.07359867	0.09177746	0.23401187	ATP5PD
92162	ENSG00000167874	21.2401478	0.07472903	0.31740247	0.68814241	0.84857639	TMEM88
2125	ENSG00000167880	5.4003877	0.17229613	0.42265891	0.13729951	0.31285428	EVPL
6730	ENSG00000167881	1981.88493	0.03364264	0.06679409	0.60959597	0.79803651	SRP68
146664	ENSG00000167889	595.694659	-1.09465958	0.11212485	1.89E-23	8.50E-22	MGAT5B
147138	ENSG00000167895	5.05574237	-0.00319067	0.37170622	0.96929331	0.98853525	TMC8
7083	ENSG00000167900	1144.94678	-0.32614046	0.08421051	6.90E-05	0.00054874	TK1

137695	ENSG00000167904	301.412379	0.05448014	0.14705372	0.68910566	0.8490152	TMEM68
1581	ENSG00000167910	0	NA	NA	NA	NA	CYP7A1
100505501	ENSG00000167912	108.856334	-0.00182592	0.19545674	0.98814502	0.99592568	
284110	ENSG00000167914	0.16735865	0.01897177	0.38482933	0.78225479	NA	GSDMA
192666	ENSG00000167916	0	NA	NA	NA	NA	KRT24
147184	ENSG00000167920	24.571699	-1.45294383	0.63683393	0.00108883	0.00634992	TMEM99
84514	ENSG00000167925	355.95757	0.12402765	0.12815029	0.30460835	0.53198909	GHDC
83986	ENSG00000167930	2051.25733	0.08031754	0.07559994	0.27889274	0.5033414	FAM234A
50964	ENSG00000167941	0	NA	NA	NA	NA	SOST
90850	ENSG00000167962	1945.49209	-0.09642422	0.07067583	0.1645803	0.35422793	ZNF598
25837	ENSG00000167964	232.967325	-0.11981691	0.15441537	0.39549572	0.62498088	RAB26
64223	ENSG00000167965	1030.37328	-0.02490194	0.08359207	0.76117757	0.88962039	MLST8
1877	ENSG00000167967	714.543687	0.37706256	0.09694369	5.62E-05	0.00045276	E4F1
1775	ENSG00000167968	41.568589	0.17286895	0.29717462	0.39170523	0.62114503	DNASE1L2
1632	ENSG00000167969	696.695418	0.20156066	0.10737215	0.05012876	0.1492877	ECI1
57524	ENSG00000167971	471.760722	0.25731141	0.17691367	0.10114543	0.25140633	CASKIN1
21	ENSG00000167972	3501.8039	-0.31146802	0.06127306	2.50E-07	3.13E-06	ABCA3
54442	ENSG00000167977	858.674748	-0.11622921	0.12029217	0.30776571	0.53524471	KCTD5
23524	ENSG00000167978	18705.3409	-0.06964811	0.06293827	0.26130885	0.4833008	SRRM2
146434	ENSG00000167981	109.470787	-0.06445372	0.20595573	0.7099076	0.860757	ZNF597
197358	ENSG00000167984	18.2360684	-0.06564362	0.32248806	0.71535783	0.86274919	NLRC3
54949	ENSG00000167985	414.552187	0.08865648	0.13980186	0.49631435	0.714811	SDHAF2
1642	ENSG00000167986	7257.56575	-0.0652346	0.05619283	0.24025506	0.45820056	DDB1
55048	ENSG00000167987	565.242059	-0.04241798	0.1377451	0.74022986	0.87736188	VPS37C
220001	ENSG00000167992	242.093362	-0.30927647	0.16520993	0.03792298	0.12066567	VWCE
5866	ENSG00000167994	106.304273	0.14956453	0.20161473	0.38542555	0.6145004	RAB3IL1
7439	ENSG00000167995	58.9809717	0.11028274	0.27317139	0.57467107	0.77361067	BEST1
2495	ENSG00000167996	13907.4443	0.24925901	0.05136304	9.16E-07	1.05E-05	FTH1
26580	ENSG00000168000	520.963674	0.13036895	0.12370324	0.2655273	0.48787384	BSCL2
5436	ENSG00000168002	1300.57709	-0.08496583	0.08429639	0.30094859	0.52825091	POLR2G
6520	ENSG00000168003	1411.88939	0.52982876	0.09575658	1.16E-08	1.75E-07	SLC3A2
117245	ENSG00000168004	0	NA	NA	NA	NA	PLAAT5
144097	ENSG00000168005	1429.77029	0.17370687	0.08294155	0.0317941	0.10503632	SPINDOC
89849	ENSG00000168010	463.023312	0.37997254	0.1525012	0.00667815	0.02971397	ATG16L2
26005	ENSG00000168014	1200.64953	-0.3907496	0.07800041	2.98E-07	3.69E-06	C2CD3
9881	ENSG00000168016	9.05639305	0.03300338	0.35579703	0.8103458	0.914052	TRANK1
199223	ENSG00000168026	89.3959611	0.27126341	0.24397821	0.16234701	0.35102057	TTC21A
3921	ENSG00000168028	21203.3365	-0.20825645	0.04900469	1.78E-05	0.00016176	RPSA

956	ENSG00000168032	1.37675766	0.02715541	0.38025224	0.68672835	NA	ENTPD3
1499	ENSG00000168036	4585.42883	0.15816254	0.08814503	0.06514662	0.18206915	CTNNB1
54986	ENSG00000168038	94.8523529	-0.09223038	0.21069711	0.59974969	0.79066681	ULK4
8772	ENSG00000168040	438.712329	-0.18143869	0.11208417	0.08968926	0.23002002	FADD
4054	ENSG00000168056	2732.88401	0.30252273	0.0722916	1.98E-05	0.00017734	LTBP3
10004	ENSG00000168060	2.87521398	0.13072423	0.4036099	0.19165273	0.39354068	NAALADL1
29901	ENSG00000168061	354.673278	-0.19523232	0.13626406	0.12393817	0.29179226	SAC3D1
116071	ENSG00000168062	1.60253421	0.08104892	0.39121639	0.26020817	NA	BATF2
55867	ENSG00000168065	0.16735865	0.01897177	0.38482933	0.78225479	NA	SLC22A11
7536	ENSG00000168066	5487.78247	0.00054879	0.05698849	0.99316563	0.99778445	SF1
5871	ENSG00000168067	438.95639	0.08971855	0.15508104	0.52777993	0.73958565	MAP4K2
283129	ENSG00000168070	0	NA	NA	NA	NA	MAJIN
283234	ENSG00000168071	10.4222872	0.1892069	0.40521703	0.2261415	0.44042873	CCDC88B
51435	ENSG00000168077	160.928758	0.73812856	0.19970195	4.27E-05	0.0003563	SCARA3
55872	ENSG00000168078	719.438265	0.00875535	0.09416437	0.92153181	0.9670192	PBK
286133	ENSG00000168079	0.50832795	0.03077797	0.38601977	0.48294583	NA	SCARA5
5368	ENSG00000168081	0	NA	NA	NA	NA	PNOC
10980	ENSG00000168090	2326.22901	0.06728712	0.08822745	0.43379521	0.65909763	COPS6
5049	ENSG00000168092	2361.9719	-0.15580848	0.07448316	0.0326403	0.10723051	PAFAH1B2
124401	ENSG00000168096	772.69248	0.27711825	0.0960038	0.00280508	0.01431399	ANKS3
84309	ENSG00000168101	511.935171	-0.21185537	0.10847434	0.04105559	0.12797767	NUDT16L1
57691	ENSG00000168116	473.678974	-0.41180357	0.11896166	0.00026555	0.00183572	KIAA1586
5867	ENSG00000168118	987.773681	-0.13425213	0.08242193	0.09613011	0.24209462	RAB4A
NA	ENSG00000168122	0	NA	NA	NA	NA	ZNF355P
4992	ENSG00000168124	4.64970397	0.02716374	0.36502312	0.82125186	0.91847813	OR1F1
NA	ENSG00000168126	0.45209736	-0.02505403	0.38558831	0.57865948	NA	OR2W6P
NA	ENSG00000168129	0	NA	NA	NA	NA	DHFRP3
81697	ENSG00000168131	0	NA	NA	NA	NA	OR2B2
3761	ENSG00000168135	11.5876665	0.04703806	0.3366934	0.7801464	0.89936692	KCNJ4
55209	ENSG00000168137	4318.22695	0.13828063	0.06327361	0.02667956	0.09159412	SETD5
114990	ENSG00000168140	332.318708	-0.91438615	0.14160092	1.59E-11	3.32E-10	VASN
222584	ENSG00000168143	0	NA	NA	NA	NA	FAM83B
8290	ENSG00000168148	0.4877242	-0.00640555	0.38314294	0.86753788	NA	H3-4
79725	ENSG00000168152	116.863432	-0.14791101	0.22064054	0.4141001	0.64130672	THAP9
4993	ENSG00000168158	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OR2C1
149603	ENSG00000168159	2380.45996	0.23496701	0.06866511	0.00049694	0.00320628	RNF187
84376	ENSG00000168172	1555.96272	-0.52747512	0.11437698	1.43E-06	1.58E-05	HOOK3
93487	ENSG00000168175	1952.43058	0.03346414	0.07468077	0.64838642	0.82455589	MAPK1IP1L

54541	ENSG00000168209	1721.18331	0.56686452	0.11940438	6.73E-07	7.85E-06	DDIT4
3516	ENSG00000168214	1696.45818	-0.06996872	0.07769013	0.35709755	0.58712453	RBPJ
55788	ENSG00000168216	303.37	0.12155652	0.13464091	0.3350785	0.56494141	LMBRD1
29063	ENSG00000168228	189.232077	0.21364396	0.17420631	0.16891308	0.36034672	ZCCHC4
5729	ENSG00000168229	0.75689831	0.03380966	0.38651369	0.3822658	NA	PTGDR
125488	ENSG00000168234	349.473378	-0.17605988	0.13080161	0.15092755	0.33460752	TTC39C
132158	ENSG00000168237	235.663699	-0.31807194	0.18485633	0.0503207	0.14970202	GLYCTK
2786	ENSG00000168243	6390.49018	-0.58690074	0.0646741	3.60E-20	1.36E-18	GNG4
92181	ENSG00000168246	1377.79274	0.0941733	0.08732106	0.26834662	0.49109833	UBTD2
NA	ENSG00000168255	504.45199	0.02755089	0.14018026	0.83404801	0.92432089	POLR2J3
28511	ENSG00000168256	2221.25752	0.07437291	0.06917603	0.2752744	0.49935486	NKIRAS2
7266	ENSG00000168259	1700.13719	-0.1145359	0.08182724	0.15145009	0.33539121	DNAJC7
169522	ENSG00000168263	4.51682814	0.08037776	0.37232638	0.52558506	0.73806584	KCNV2
359948	ENSG00000168264	2601.19714	-0.28338528	0.07038801	4.06E-05	0.00034085	IRF2BP2
256297	ENSG00000168267	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PTF1A
64943	ENSG00000168268	7860.09182	0.20278676	0.06095362	0.00074629	0.0045798	NT5DC2
2299	ENSG00000168269	0	NA	NA	NA	NA	FOXI1
440957	ENSG00000168273	112.691352	0.07126118	0.22171465	0.69583514	0.8531799	SMIM4
388753	ENSG00000168275	315.341695	-0.18750038	0.13424755	0.13495586	0.30945965	COA6
3800	ENSG00000168280	4571.81814	-0.92596227	0.07285794	8.09E-38	5.86E-36	KIF5C
4247	ENSG00000168282	553.307654	-0.37105883	0.10608823	0.00026365	0.00182576	MGAT2
648	ENSG00000168283	1507.40692	0.04044091	0.08812494	0.63766756	0.81742743	BMI1
57215	ENSG00000168286	1206.67452	-0.04143148	0.08027676	0.59706843	0.78909124	THAP11
27249	ENSG00000168288	1053.16591	-0.27514389	0.09572059	0.00290108	0.01469803	MMADHC
5162	ENSG00000168291	896.908116	-0.30445972	0.08590277	0.00026778	0.00184791	PDHB
54899	ENSG00000168297	228.558545	-0.26864252	0.15375877	0.05584861	0.16214719	PXK
3008	ENSG00000168298	2.01685815	0.06174029	0.381431	0.48420728	NA	H1-4
115294	ENSG00000168300	630.687425	0.24934448	0.10979777	0.01748489	0.06535558	PCMTD1
200845	ENSG00000168301	179.228609	-0.25167413	0.17878117	0.11137225	0.26959803	KCTD6
136647	ENSG00000168303	642.67488	0.05727071	0.11234269	0.59442107	0.7877158	MPLKIP
8309	ENSG00000168306	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ACOX2
11170	ENSG00000168309	0.58687465	-0.02575243	0.38410181	0.63655746	NA	FAM107A
3660	ENSG00000168310	257.913087	0.15309696	0.14522705	0.25460548	0.47519969	IRF2
4336	ENSG00000168314	1.56061342	-0.02098207	0.3801929	0.73489371	NA	MOBP
1524	ENSG00000168329	0	NA	NA	NA	NA	CX3CR1
492307	ENSG00000168333	0	NA	NA	NA	NA	PPDPFL
165904	ENSG00000168334	0.58994281	0.02421937	0.383846	0.64003656	NA	XIRP1
84684	ENSG00000168348	4053.57029	1.71565295	0.07083693	1.04E-130	5.14E-128	INSM2

123099	ENSG00000168350	16.2273942	-0.27137929	0.41862935	0.17045761	0.36235712	DEGS2
11280	ENSG00000168356	14.7669358	0.6651124	0.73803656	0.02820633	0.09559509	SCN11A
732275	ENSG00000168367	0	NA	NA	NA	NA	LINC00917
378	ENSG00000168374	2571.60518	0.0290212	0.07209399	0.68238797	0.8449992	ARF4
4735	ENSG00000168385	6587.45554	0.00501827	0.06596397	0.93941283	0.97474024	SEPTIN2
11259	ENSG00000168386	37.9699368	2.10741559	0.42553064	4.56E-08	6.29E-07	FILIP1L
84879	ENSG00000168389	186.679011	-0.18822887	0.20789251	0.28262886	0.50763685	MFSD2A
1841	ENSG00000168393	1013.98748	-0.20174336	0.08133863	0.01095039	0.04467526	DTYMK
6890	ENSG00000168394	2.8433397	0.22865042	0.4871942	0.00480407	0.02245825	TAP1
84289	ENSG00000168395	1143.85059	0.03464131	0.10996087	0.74316751	0.87884863	ING5
23192	ENSG00000168397	1503.54024	0.24546391	0.07881959	0.00143576	0.0080718	ATG4B
624	ENSG00000168398	30.9903809	-0.73454359	0.46314984	0.01379786	0.05390894	BDKRB2
197259	ENSG00000168404	38.358814	1.43018586	0.43180839	6.44E-05	0.00051436	MLKL
NA	ENSG00000168405	27.2624534	1.18532167	0.54693572	0.00199495	0.01068279	CMAHP
55159	ENSG00000168411	1491.9132	-0.24591604	0.09511687	0.00743428	0.03248276	RFWD3
4543	ENSG00000168412	6.84163408	1.94781098	1.35084729	0.00482492	0.02254772	MTNR1A
93107	ENSG00000168418	0.16735865	0.01897177	0.38482933	0.78225479	NA	KCNG4
399	ENSG00000168421	0	NA	NA	NA	NA	RHOH
377007	ENSG00000168427	1.00931534	0.00167771	0.37995553	0.97801625	NA	KLHL30
91949	ENSG00000168434	324.837546	0.26295323	0.13276549	0.03434434	0.11170355	COG7
51362	ENSG00000168438	607.509532	-0.02490953	0.1018407	0.79899707	0.90801363	CDC40
10963	ENSG00000168439	4270.0072	-0.06592353	0.08826193	0.44207267	0.66680698	STIP1
6338	ENSG00000168447	0	NA	NA	NA	NA	SCNN1B
55806	ENSG00000168453	160.323909	-2.4637599	0.72909373	2.64E-05	0.00023038	HR
84203	ENSG00000168454	0.70013361	0.02121893	0.38367343	0.60571412	NA	TXNDC2
11031	ENSG00000168461	229.458011	-0.31559767	0.16939588	0.03788516	0.1205713	RAB31
80346	ENSG00000168476	704.943734	-0.01480692	0.09690304	0.87356235	0.94441388	REEP4
7148	ENSG00000168477	11.515266	-0.27036021	0.51643642	0.01543022	0.05895159	TNXB
203190	ENSG00000168481	26.8666841	-1.66914712	0.5938506	0.00026709	0.00184444	LGI3
6440	ENSG00000168484	2.07205005	-0.03838997	0.38020194	0.57449899	NA	SFTPC
649	ENSG00000168487	711.615527	0.15162055	0.10989056	0.14907082	0.33163994	BMP1
11273	ENSG00000168488	4877.03235	0.43565072	0.06137274	6.23E-13	1.44E-11	ATXN2L
9796	ENSG00000168490	237.585901	-0.89715932	0.18987135	3.32E-07	4.08E-06	PHYHIP
256309	ENSG00000168491	18.5089661	1.15201947	0.74263298	0.00567731	0.02589969	CCDC110
661	ENSG00000168495	2434.6086	-0.27194088	0.07649719	0.00027743	0.0019046	POLR3D
2237	ENSG00000168496	2513.30313	-0.41263456	0.06195529	1.42E-11	2.98E-10	FEN1
8436	ENSG00000168497	0.173733	0.01914545	0.38484597	0.78225479	NA	CAVIN2
23255	ENSG00000168502	491.291707	0.06372829	0.13156737	0.60700068	0.79648767	MTCL1

2637	ENSG00000168505	0.48176888	0.00243862	0.38304173	0.89348694	NA	GBX2
148738	ENSG00000168509	0.173733	0.01914545	0.38484597	0.78225479	NA	HJV
10648	ENSG00000168515	0	NA	NA	NA	NA	SCGB1D1
124790	ENSG00000168517	76.1098792	0.03091586	0.24915578	0.87125525	0.94385192	HEXIM2
2339	ENSG00000168522	1176.35255	-0.58829511	0.09171517	4.40E-11	8.78E-10	FNTA
347735	ENSG00000168528	933.847079	0.57759938	0.10267274	5.94E-09	9.21E-08	SERINC2
4632	ENSG00000168530	0	NA	NA	NA	NA	MYL1
60684	ENSG00000168538	1014.23232	0.09976308	0.13529046	0.43043867	0.65595693	TRAPPC11
1128	ENSG00000168539	2.79472673	-0.0373209	0.37764807	0.6095755	0.79803651	CHRM1
1281	ENSG00000168542	463.992435	6.96888398	0.49083983	1.56E-46	1.42E-44	COL3A1
2675	ENSG00000168546	5.43274031	-0.14723662	0.39949235	0.24229685	0.4605892	GFRA2
3622	ENSG00000168556	130.007809	0.40811946	0.20997197	0.02309034	0.08171822	ING2
55602	ENSG00000168564	548.537672	-0.10618844	0.10412414	0.2873408	0.51306915	CDKN2AIP
154007	ENSG00000168566	395.819998	0.24242246	0.12539908	0.04033973	0.1262121	SNRNP48
79064	ENSG00000168569	412.038843	0.12387864	0.13210722	0.31782819	0.54556488	TMEM223
6575	ENSG00000168575	731.896517	-0.19875535	0.12046829	0.08138687	0.21415324	SLC20A2
1418	ENSG00000168582	0	NA	NA	NA	NA	CRYGA
83657	ENSG00000168589	0.34746601	0.02370763	0.3853651	0.61987128	NA	DYNLRB2
79089	ENSG00000168591	586.078149	0.11815772	0.10804743	0.25428036	0.47479259	TMUB2
11086	ENSG00000168594	1.75978561	-0.05439265	0.38342907	0.46148969	NA	ADAM29
6774	ENSG00000168610	1235.07659	0.17206331	0.08733837	0.04283108	0.13230775	STAT3
90204	ENSG00000168612	194.440801	-0.04218372	0.16208352	0.77306344	0.89561741	ZSWIM1
8754	ENSG00000168615	729.625608	-0.13065833	0.09997483	0.17520158	0.36912205	ADAM9
8749	ENSG00000168619	0.173124	-0.01911262	0.38486262	0.84537521	NA	ADAM18
2668	ENSG00000168621	0	NA	NA	NA	NA	GDNF
NA	ENSG00000168630	0	NA	NA	NA	NA	SPINT5P
135656	ENSG00000168631	0	NA	NA	NA	NA	MUCL3
164237	ENSG00000168634	0	NA	NA	NA	NA	WFDC13
8313	ENSG00000168646	282.793558	-0.20377002	0.15618036	0.15162381	0.33558862	AXIN2
4725	ENSG00000168653	3156.24468	0.04501536	0.07462736	0.53941629	0.74850934	NDUFS5
200403	ENSG00000168658	0	NA	NA	NA	NA	VWA3B
90075	ENSG00000168661	190.233626	-0.15601209	0.17798326	0.32091055	0.54869068	ZNF30
167127	ENSG00000168671	11.1924977	-0.06723187	0.35483403	0.64532734	0.82320416	UGT3A2
157638	ENSG00000168672	0.86430786	0.03673462	0.38459125	0.45892896	NA	LRATD2
753	ENSG00000168675	966.072292	-0.5359648	0.09453336	5.12E-09	8.00E-08	LDLRAD4
146212	ENSG00000168676	109.225717	0.84834188	0.2424734	7.08E-05	0.00056222	KCTD19
9122	ENSG00000168679	17.5010063	0.10249244	0.32780223	0.57951036	0.77706744	SLC16A4
3575	ENSG00000168685	0	NA	NA	NA	NA	IL7R

29100	ENSG00000168701	439.303752	0.10283068	0.12220287	0.37489089	0.60411267	TMEM208
53353	ENSG00000168702	12.2180446	0.07608161	0.35466717	0.61697262	0.80383089	LRP1B
128488	ENSG00000168703	0	NA	NA	NA	NA	WFDC12
10768	ENSG00000168710	2074.9398	0.06799438	0.0760709	0.36226659	0.59197696	AHCYL1
134218	ENSG00000168724	634.456243	0.01605692	0.1070084	0.87677874	0.94566867	DNAJC21
11142	ENSG00000168734	596.277948	0.29549286	0.117047	0.00788458	0.03410292	PKIG
255743	ENSG00000168743	4.56993529	0.22345952	0.47244814	0.01432296	0.05554485	NPNT
140834	ENSG00000168746	0	NA	NA	NA	NA	LINC01620
101927242	ENSG00000168746	0	NA	NA	NA	NA	LINC01620
766	ENSG00000168748	1.15648962	0.03374533	0.38179791	0.59354971	NA	CA7
51252	ENSG00000168754	0.173124	-0.01911262	0.38486262	0.84537521	NA	FAM178B
64591	ENSG00000168757	0	NA	NA	NA	NA	TSPY2
54910	ENSG00000168758	1807.57523	0.28118765	0.08067749	0.00035566	0.00238387	SEMA4C
26505	ENSG00000168763	989.81821	0.11230412	0.08379929	0.17026261	0.36213659	CNNM3
2948	ENSG00000168765	225.522134	0.87281666	0.16266393	1.26E-08	1.89E-07	GSTM4
54790	ENSG00000168769	933.20701	-0.00829584	0.09267642	0.92600632	0.96919669	TET2
80319	ENSG00000168772	453.155237	-0.11870682	0.11720194	0.28652009	0.51226085	CXXC4
79867	ENSG00000168778	165.470273	0.81638012	0.18914673	2.70E-06	2.84E-05	TCTN2
6474	ENSG00000168779	1301.94728	1.45487665	0.090245	1.57E-59	2.02E-57	SHOX2
9677	ENSG00000168781	719.961053	-0.60732165	0.18337624	0.00024195	0.00168611	PPIP5K1
10098	ENSG00000168785	637.441137	-0.37894968	0.10236931	0.0001177	0.00088019	TSPAN5
116236	ENSG00000168792	127.088314	0.85962215	0.2259631	2.14E-05	0.00019061	ABHD15
9925	ENSG00000168795	1086.04599	-0.02241082	0.08516023	0.78706482	0.90324885	ZBTB5
54921	ENSG00000168802	1465.07403	-0.18157599	0.10807577	0.0790833	0.20976104	CHTF8
113455421	ENSG00000168802	1465.07403	-0.18157599	0.10807577	0.0790833	0.20976104	CHTF8
161823	ENSG00000168803	315.349077	0.06499523	0.14953466	0.6378976	0.81760985	ADAL
9836	ENSG00000168806	631.684819	-0.54100044	0.10703654	1.49E-07	1.93E-06	LCMT2
6645	ENSG00000168807	636.4291	0.15619008	0.14767683	0.25147491	0.47149344	SNTB2
3592	ENSG00000168811	19.732868	0.32691188	0.42107015	0.13817725	0.31440929	IL12A
22847	ENSG00000168813	964.481305	-0.11853337	0.09126066	0.18042932	0.37732873	ZNF507
53407	ENSG00000168818	454.344922	-0.1771459	0.11702997	0.11100374	0.26893566	STX18
27065	ENSG00000168824	1462.23224	-1.70543645	0.08656211	1.53E-87	3.62E-85	NSG1
166793	ENSG00000168826	185.378948	0.9746664	0.20614272	2.90E-07	3.60E-06	ZBTB49
85476	ENSG00000168827	1137.88323	0.21645071	0.09628961	0.02001907	0.07297048	GFM1
392309	ENSG00000168828	0	NA	NA	NA	NA	OR13J1
3354	ENSG00000168830	145.640777	-1.39372384	0.2259268	5.86E-11	1.16E-09	HTR1E
56884	ENSG00000168843	404.952492	-1.31037927	0.13546177	3.73E-23	1.63E-21	FSTL5
NA	ENSG00000168852	14.4180301	0.1227247	0.34840429	0.48812449	0.70792323	TPTE2P5

55308	ENSG00000168872	1417.58166	0.18905132	0.07841099	0.01367915	0.05357172	DDX19A
84913	ENSG00000168874	40.2975651	0.07081705	0.28782151	0.71460876	0.86245136	ATOX8
8403	ENSG00000168875	5.95559713	-0.10000687	0.37345347	0.46227548	0.6851832	SOX14
54851	ENSG00000168876	182.79467	0.22729988	0.1709169	0.13674383	0.31191797	ANKRD49
6439	ENSG00000168878	0.64021618	0.02085573	0.38403002	0.77165456	NA	SFTP8
10713	ENSG00000168883	1221.89476	-0.05866875	0.07886152	0.44686194	0.67093544	USP39
79155	ENSG00000168884	506.05146	0.03095088	0.11173111	0.77286986	0.89561741	TNIP2
388969	ENSG00000168887	1137.5556	0.21835533	0.09414031	0.01658713	0.06264775	C2orf68
129303	ENSG00000168890	93.7211341	0.22510651	0.21762942	0.21455532	0.4249129	TMEM150A
51255	ENSG00000168894	348.074214	0.09273499	0.12925346	0.44649745	0.6707435	RNF181
10791	ENSG00000168899	44.9541133	0.75386981	0.40337543	0.00826281	0.03548357	VAMP5
10917	ENSG00000168903	0	NA	NA	NA	NA	BTNL3
123355	ENSG00000168904	259.509066	-0.20786627	0.15646838	0.14428807	0.32427223	LRRC28
4144	ENSG00000168906	13070.0074	-0.68242584	0.21303086	0.00028744	0.00196781	MAT2A
255189	ENSG00000168907	0.18922458	0.01954053	0.38488496	0.78225479	NA	PLA2G4F
375704	ENSG00000168913	157.469023	-0.77615262	0.20159658	2.13E-05	0.00019042	ENHO
57507	ENSG00000168916	1402.82247	-0.03817342	0.08058982	0.6273754	0.81091192	ZNF608
80723	ENSG00000168917	283.434019	-0.74191392	0.1463673	8.27E-08	1.10E-06	SLC35G2
3635	ENSG00000168918	12.3103653	-0.00528734	0.34581047	0.96964626	0.98858077	INPP5D
3954	ENSG00000168924	1926.23154	-0.05048989	0.07684831	0.50171899	0.71856283	LETM1
1504	ENSG00000168925	0.36166929	0.00714652	0.38353093	0.918697	NA	CTRB1
440387	ENSG00000168928	0.173733	0.01914545	0.38484597	0.78225479	NA	CTRB2
57093	ENSG00000168930	0	NA	NA	NA	NA	TRIM49
92305	ENSG00000168936	989.410119	0.48995431	0.11049468	3.75E-06	3.85E-05	TMEM129
5480	ENSG00000168938	236.75505	1.46543611	0.17255441	1.78E-18	6.19E-17	PPIC
10251	ENSG00000168939	50.3418084	0.22696637	0.28039276	0.26674841	0.48915731	SPRY3
153241	ENSG00000168944	654.954237	-0.23860522	0.10024665	0.01340571	0.05277169	CEP120
29091	ENSG00000168952	0.15069912	-0.01848503	0.38480575	0.84537521	NA	STXBP6
79853	ENSG00000168955	0.99819238	0.00770367	0.37932145	0.90586153	NA	TM4SF20
56947	ENSG00000168958	989.727447	-0.02924539	0.08521253	0.72369913	0.86794586	MFF
2915	ENSG00000168959	1.39377048	-0.01541691	0.38025183	0.79378053	NA	GRM5
3965	ENSG00000168961	22.0788684	0.22977381	0.36791414	0.25498198	0.47574957	LGALS9
NA	ENSG00000168967	0	NA	NA	NA	NA	PMCHL1
8681	ENSG00000168970	346.688251	-0.02002576	0.14083189	0.87736248	0.94576863	JMJD7-PLA2G4B
NA	ENSG00000168992	0	NA	NA	NA	NA	OR7E102P
10815	ENSG00000168993	683.368527	-2.15800703	0.16024678	1.32E-42	1.07E-40	CPLX1
221749	ENSG00000168994	11.5413155	0.27425041	0.45965975	0.12700945	0.2969598	PXDC1
27036	ENSG00000168995	0	NA	NA	NA	NA	SIGLEC7

23620	ENSG00000169006	0	NA	NA	NA	NA	NTSR2
1876	ENSG00000169016	1094.57103	0.12349952	0.09012904	0.15851058	0.34569581	E2F6
10116	ENSG00000169018	1620.97157	-0.30539284	0.07581015	3.80E-05	0.00032056	FEM1B
54951	ENSG00000169019	112.915298	0.09483678	0.20333918	0.58353691	0.77994081	COMMD8
521	ENSG00000169020	752.03865	-0.17376715	0.10414024	0.08209643	0.21544882	ATP5ME
7386	ENSG00000169021	954.178672	-0.14059409	0.08209143	0.07911929	0.20982153	UQCRFS1
84179	ENSG00000169026	6.95593021	0.18387837	0.41091973	0.21315525	0.42306924	SLC49A3
1285	ENSG00000169031	0.88851901	0.02796225	0.38351453	0.64030088	NA	COL4A3
5604	ENSG00000169032	535.382115	-0.1239871	0.13960314	0.34478129	0.57516697	MAP2K1
5650	ENSG00000169035	0	NA	NA	NA	NA	KLK7
5370	ENSG00000169040	0	NA	NA	NA	NA	PMCHL2
3187	ENSG00000169045	14186.9775	0.01512785	0.05791833	0.65947864	0.8311559	HNRNPH1
3667	ENSG00000169047	292.647965	-0.46416864	0.18943202	0.00551474	0.0252918	IRS1
4204	ENSG00000169057	1999.20199	-0.04268438	0.09609619	0.64472649	0.82270219	MECP2
51481	ENSG00000169059	0	NA	NA	NA	NA	VCX3A
65110	ENSG00000169062	1384.0694	-0.00569683	0.08750926	0.94581164	0.97800919	UPF3A
79740	ENSG00000169064	0.16735865	0.01897177	0.38482933	0.78225479	NA	ZBBX
345651	ENSG00000169067	0	NA	NA	NA	NA	ACTBL2
4920	ENSG00000169071	611.31879	-0.37406201	0.11461549	0.00060558	0.00381422	ROR2
NA	ENSG00000169075	0.32361177	0.00180997	0.38337295	0.963754	NA	BRD7P3
367	ENSG00000169083	0	NA	NA	NA	NA	AR
207063	ENSG00000169084	504.191765	0.25034313	0.11613945	0.02332998	0.08243399	DHRX
254778	ENSG00000169085	0.52119901	0.02576573	0.38568143	0.51723676	NA	VXN
79663	ENSG00000169087	217.369908	0.17207612	0.15473616	0.22416679	0.43787232	HSPBAP1
8623	ENSG00000169093	291.816986	0.13703728	0.14574152	0.30954786	0.53735494	ASMTL
293	ENSG00000169100	21608.8393	0.10206171	0.05609298	0.06593809	0.1835829	SLC25A6
113189	ENSG00000169105	631.99791	0.32825158	0.10771422	0.00145699	0.00817263	CHST14
25849	ENSG00000169116	0	NA	NA	NA	NA	PARM1
53944	ENSG00000169118	996.424451	-0.06644929	0.08781636	0.4363344	0.66138547	CSNK1G1
90362	ENSG00000169122	219.024376	0.01255774	0.1478742	0.92892781	0.97020045	FAM110B
55130	ENSG00000169126	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ODAD2
84632	ENSG00000169129	43.5474237	0.06565478	0.30920212	0.72775975	0.86981806	AFAP1L2
6940	ENSG00000169131	389.693301	0.05517539	0.13336699	0.65999773	0.83146071	ZNF354A
22809	ENSG00000169136	254.543312	-0.05883101	0.15448401	0.67648856	0.84184489	ATF5
7336	ENSG00000169139	1234.0358	-0.24009718	0.11114825	0.02353147	0.08298336	UBE2V2
137362	ENSG00000169154	0	NA	NA	NA	NA	GOT1L1
23099	ENSG00000169155	500.986569	0.26621373	0.11613449	0.01588363	0.06038154	ZBTB43
NA	ENSG00000169164	0	NA	NA	NA	NA	

126129	ENSG00000169169	2547.00349	-0.10444712	0.06096636	0.08253899	0.21637154	CPT1C
255738	ENSG00000169174	6.59502432	2.58542503	1.2917935	0.00187386	0.0101161	PCSK9
23214	ENSG00000169180	2926.22964	-0.32677245	0.08030741	2.99E-05	0.00025716	XPO6
146395	ENSG00000169181	3.257549	-0.00834531	0.36931265	0.933761	0.97237716	GSG1L
4330	ENSG00000169184	112.575834	1.06395644	0.26587031	6.61E-06	6.48E-05	MN1
27301	ENSG00000169188	464.158335	0.06223659	0.13027681	0.61231508	0.80024215	APEX2
197370	ENSG00000169189	608.762765	-0.0030437	0.09720622	0.97102842	0.98911805	NSMCE1
90693	ENSG00000169193	172.870319	-0.11393195	0.17396594	0.46152602	0.68465911	CCDC126
3596	ENSG00000169194	1.87494329	0.1010284	0.40282411	0.05228604	NA	IL13
440353	ENSG00000169203	774.752107	0.20615317	0.11209286	0.0538383	0.15749807	NPIP12
26533	ENSG00000169208	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR10G3
5865	ENSG00000169213	245.339412	0.06178728	0.14700645	0.65017843	0.82529572	RAB3B
343169	ENSG00000169214	0	NA	NA	NA	NA	OR6F1
10421	ENSG00000169217	2553.30466	-0.13919654	0.07009656	0.04317363	0.1329863	CD2BP2
284654	ENSG00000169218	1.84967541	-0.13051236	0.41476694	0.037638	NA	RSPO1
10636	ENSG00000169220	216.104117	0.16980943	0.17088551	0.26705474	0.48945645	RGS14
26000	ENSG00000169221	1416.49127	-0.03302727	0.07585266	0.65615275	0.82907086	TBC1D10B
10960	ENSG00000169223	1879.34775	0.23331918	0.06831667	0.00051135	0.00329066	LMAN2
148823	ENSG00000169224	0	NA	NA	NA	NA	GCSAML
53917	ENSG00000169228	701.102992	-0.06065513	0.10455646	0.54578374	0.75327648	RAB24
27166	ENSG00000169230	3808.52123	-0.03328356	0.06305188	0.59539404	0.78816266	PRELID1
7059	ENSG00000169231	1194.48011	0.279776	0.08230288	0.00048839	0.00316034	THBS3
11238	ENSG00000169239	99.9994337	0.27588821	0.24806369	0.1590778	0.34655798	CA5B
55974	ENSG00000169241	464.714799	0.06880103	0.10926185	0.51185294	0.72703053	SLC50A1
1942	ENSG00000169242	437.460902	-0.20054334	0.11890609	0.07515232	0.20173481	EFNA1
3627	ENSG00000169245	0	NA	NA	NA	NA	CXCL10
23117	ENSG00000169246	660.994367	0.20421872	0.11304289	0.0581325	0.16720045	NPIP3
79628	ENSG00000169247	1.33990564	-0.04870425	0.38792374	0.38932232	NA	SH3TC2
6373	ENSG00000169248	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CXCL11
8233	ENSG00000169249	220.56668	0.00925777	0.15644882	0.94948692	0.97919849	ZRSR2
51068	ENSG00000169251	865.335125	-0.22586972	0.09663794	0.01543487	0.058958	NMD3
154	ENSG00000169252	5.23279836	-0.02349839	0.36608261	0.83703455	0.92594176	ADRB2
NA	ENSG00000169253	0	NA	NA	NA	NA	
8706	ENSG00000169255	171.484643	2.27892911	0.23990138	1.01E-22	4.34E-21	B3GALNT1
114787	ENSG00000169258	1849.28632	-0.98391403	0.07680341	2.01E-38	1.50E-36	GPRIN1
8988	ENSG00000169271	0	NA	NA	NA	NA	HSPB3
7881	ENSG00000169282	35.4148637	0.16297786	0.2886731	0.41763569	0.64376444	KCNAB1
65008	ENSG00000169288	241.986751	-0.24289142	0.15622278	0.08777798	0.22632101	MRPL1

126669	ENSG00000169291	2.94205353	0.01787123	0.37248821	0.85439067	0.93466646	SHE
190	ENSG00000169297	0	NA	NA	NA	NA	NR0B1
55276	ENSG00000169299	373.87724	0.13185535	0.12485976	0.26121772	0.48317728	PGM2
202374	ENSG00000169302	25.1416858	-0.00083021	0.30814183	0.99433083	0.99830594	STK32A
11141	ENSG00000169306	0	NA	NA	NA	NA	IL1RAPL1
64805	ENSG00000169313	1.06970021	0.06073329	0.3907427	0.18811887	NA	P2RY12
150248	ENSG00000169314	3.88048685	0.03585436	0.36656339	0.76198721	0.89001685	C22orf15
NA	ENSG00000169325	0	NA	NA	NA	NA	GUSBP12
390445	ENSG00000169327	0	NA	NA	NA	NA	OR5AU1
23251	ENSG00000169330	129.197138	0.36618528	0.20964945	0.04038808	0.12630824	MINAR1
204474	ENSG00000169340	0	NA	NA	NA	NA	PDILT
7369	ENSG00000169344	0	NA	NA	NA	NA	UMOD
2813	ENSG00000169347	0	NA	NA	NA	NA	GP2
9197	ENSG00000169359	523.034209	0.11259958	0.11309927	0.29765909	0.5243318	SLC33A1
10073	ENSG00000169371	280.831677	-0.10150975	0.13881439	0.43181711	0.65745157	SNUPN
8738	ENSG00000169372	158.510172	-0.46685272	0.21806356	0.01189097	0.04788247	CRADD
25942	ENSG00000169375	1608.25054	-0.14262094	0.08392056	0.08094548	0.21334235	SIN3A
200894	ENSG00000169379	244.713798	0.15847416	0.15117328	0.25393265	0.47447954	ARL13B
6036	ENSG00000169385	0	NA	NA	NA	NA	RNASE2
64100	ENSG00000169393	0	NA	NA	NA	NA	ELSPBP1
6037	ENSG00000169397	0	NA	NA	NA	NA	RNASE3
5747	ENSG00000169398	2575.57792	0.03002085	0.08285532	0.71136084	0.86130838	PTK2
728194	ENSG00000169402	3.29690753	0.11728821	0.40498978	0.12696663	0.29691395	RSPH10B2
5724	ENSG00000169403	6.81615427	0.10291758	0.37200312	0.46630224	0.68917137	PTAFR
5780	ENSG00000169410	1299.37574	-0.28080207	0.08255723	0.00048104	0.0031199	PTPN9
6039	ENSG00000169413	0	NA	NA	NA	NA	RNASE6
4881	ENSG00000169418	2.4167718	0.01717039	0.37595718	0.8354662	NA	NPR1
51305	ENSG00000169427	6.90702877	-0.01696567	0.35192698	0.90385478	0.95803392	KCNK9
3576	ENSG00000169429	0	NA	NA	NA	NA	CXCL8
6335	ENSG00000169432	429.656812	2.6253469	0.14361612	7.54E-76	1.41E-73	SCN9A
166824	ENSG00000169435	0	NA	NA	NA	NA	RASSF6
169044	ENSG00000169436	1.17522906	-0.03111975	0.38143648	0.62258339	NA	COL22A1
6383	ENSG00000169439	1722.08994	-1.58320859	0.11217474	2.30E-46	2.07E-44	SDC2
1043	ENSG00000169442	0	NA	NA	NA	NA	CD52
93380	ENSG00000169446	619.998881	-0.42879745	0.12423284	0.00026189	0.00181487	MMGT1
6699	ENSG00000169469	0	NA	NA	NA	NA	SPRR1B
6698	ENSG00000169474	0	NA	NA	NA	NA	SPRR1A
122740	ENSG00000169484	0	NA	NA	NA	NA	OR4K14

81127	ENSG00000169488	0	NA	NA	NA	NA	OR4K15
83877	ENSG00000169490	289.648514	-0.04045195	0.14945611	0.76775893	0.89307241	TM2D2
203100	ENSG00000169495	0.31809377	0.00103576	0.38336594	0.96715256	NA	HTRA4
59339	ENSG00000169499	326.805791	0.4503031	0.19559933	0.00858109	0.03656547	PLEKHA2
25932	ENSG00000169504	3145.78088	0.36999576	0.09379632	4.60E-05	0.00038084	CLIC4
151258	ENSG00000169507	0	NA	NA	NA	NA	SLC38A11
1880	ENSG00000169508	0.32429952	-0.02327681	0.38532192	0.66833494	NA	GPR183
54544	ENSG00000169509	0	NA	NA	NA	NA	CRCT1
83987	ENSG00000169515	5.77651257	0.16908771	0.40844079	0.21735659	0.428834	CCDC8
196074	ENSG00000169519	307.80849	0.01771454	0.14908207	0.8985883	0.95556135	METTL15
129025	ENSG00000169548	0.3225948	-0.02325506	0.38531882	0.66954696	NA	ZNF280A
143662	ENSG00000169550	0.85361557	0.03055138	0.38453456	0.49607004	NA	MUC15
54967	ENSG00000169551	5.42832209	0.05774386	0.36665698	0.64848578	0.82457939	CT55
9839	ENSG00000169554	1166.42194	-0.07589059	0.12148715	0.50913425	0.72482947	ZEB2
2705	ENSG00000169562	0	NA	NA	NA	NA	GJB1
5093	ENSG00000169564	4292.59474	0.01731157	0.05868203	0.76587061	0.89234011	PCBP1
3094	ENSG00000169567	3178.33582	-0.05340858	0.06224301	0.38390724	0.61306501	HINT1
285605	ENSG00000169570	130.716478	0.34309924	0.2149445	0.05828858	0.16750367	DTWD2
7441	ENSG00000169575	0	NA	NA	NA	NA	VPREB1
9022	ENSG00000169583	0.70498675	0.05128	0.38860286	0.29567183	NA	CLIC3
283899	ENSG00000169592	1377.21237	-0.1604111	0.1032589	0.1057774	0.25953792	INO80E
646	ENSG00000169594	0.97492369	0.00557836	0.38007023	0.92670034	NA	BNC1
1677	ENSG00000169598	300.26987	0.01815434	0.15653027	0.90002656	0.95573896	DFFB
27247	ENSG00000169599	238.80385	-0.25110203	0.14839898	0.06570905	0.18315081	NFU1
84168	ENSG00000169604	2090.68199	0.90453341	0.0721893	8.56E-37	6.09E-35	ANTXR1
56287	ENSG00000169605	0	NA	NA	NA	NA	GKN1
150468	ENSG00000169607	725.18605	-0.37760274	0.11340402	0.00046714	0.00304196	CKAP2L
123207	ENSG00000169609	746.359196	0.24221025	0.2883244	0.24315411	0.46155545	C15orf40
83640	ENSG00000169612	420.000335	-0.13946056	0.11374466	0.19825815	0.40248048	RAMAC
10887	ENSG00000169618	1.70753617	0.11354004	0.40738421	0.04738105	NA	PROKR1
200558	ENSG00000169621	71.4550092	0.62194196	0.29458745	0.00754773	0.03291867	APLF
552900	ENSG00000169627	698.330479	-0.00471658	0.10172982	0.96066404	0.98407795	BOLA2B
654483	ENSG00000169627	698.330479	-0.00471658	0.10172982	0.96066404	0.98407795	BOLA2B
727851	ENSG00000169629	100.547723	-0.21458137	0.23420325	0.25436902	0.47484771	RGPD8
23119	ENSG00000169635	692.897957	0.61067653	0.09803078	1.39E-10	2.62E-09	HIC2
7798	ENSG00000169641	987.121227	0.01115436	0.10423656	0.91261876	0.96264321	LUZP1
284004	ENSG00000169660	728.879134	0.22694604	0.09960137	0.01808069	0.06715058	HEXD
NA	ENSG00000169662	1.13919152	0.01776856	0.38013248	0.78070577	NA	BCRP6

NA	ENSG00000169668	42.3483586	0.06900453	0.2667603	0.72286016	0.86755463	BCRP2
1816	ENSG00000169676	0	NA	NA	NA	NA	DRD5
699	ENSG00000169679	1207.70933	-0.18342137	0.09280571	0.04118156	0.12828422	BUB1
83985	ENSG00000169682	980.394971	0.13243846	0.0983079	0.16368021	0.35275692	SPNS1
201255	ENSG00000169683	814.473204	0.35339561	0.10224994	0.00032525	0.00219936	LRRC45
1138	ENSG00000169684	989.157297	-0.01381107	0.09277972	0.8772424	0.94574195	CHRNA5
4490	ENSG00000169688	0	NA	NA	NA	NA	MT1B
201254	ENSG00000169689	950.809773	0.0920807	0.08989172	0.2922232	0.51825408	CENPX
10555	ENSG00000169692	579.897154	0.12890735	0.10179744	0.18891387	0.38965081	AGPAT2
79058	ENSG00000169696	769.670561	0.08578912	0.09284007	0.34117207	0.57145242	ASPSCR1
2815	ENSG00000169704	0	NA	NA	NA	NA	GP9
2194	ENSG00000169710	20167.9208	-0.42822698	0.0692989	9.86E-10	1.70E-08	FASN
7555	ENSG00000169714	5475.61881	-0.05480724	0.05338409	0.29638241	0.52297409	CNBP
4493	ENSG00000169715	1.29633656	-0.02000461	0.37876945	0.77925424	NA	MT1E
140625	ENSG00000169717	0	NA	NA	NA	NA	ACTRT2
64118	ENSG00000169718	2289.16358	0.30363084	0.07576468	4.22E-05	0.00035303	DUS1L
2873	ENSG00000169727	4108.14277	0.07443553	0.05401145	0.16337392	0.35239601	GPS1
5986	ENSG00000169733	1078.69796	0.1940799	0.10483423	0.05385331	0.15751876	RFNG
51181	ENSG00000169738	885.085509	-0.32221493	0.08622256	0.00012097	0.00090156	DCXR
7580	ENSG00000169740	384.814694	-0.07965891	0.12362978	0.49523725	0.7139953	ZNF32
9079	ENSG00000169744	201.381685	0.20431309	0.18102451	0.20161864	0.40709482	LDB2
5881	ENSG00000169750	1592.80283	-0.29956832	0.07323886	2.86E-05	0.00024757	RAC3
145957	ENSG00000169752	11.4602532	0.1182751	0.35470063	0.4854981	0.70561001	NRG4
3987	ENSG00000169756	1128.73807	0.27521491	0.10085558	0.00457454	0.0215887	LIMS1
123591	ENSG00000169758	49.5145025	0.56365293	0.35625385	0.02491867	0.08693273	TMEM266
22871	ENSG00000169760	79.7558712	-0.09042378	0.24489009	0.63206277	0.81381825	NLGN1
202018	ENSG00000169762	432.925049	0.06445646	0.13966104	0.62005652	0.8060491	TAPT1
NA	ENSG00000169763	0	NA	NA	NA	NA	PRYP3
7360	ENSG00000169764	380.86374	-0.02651091	0.11863799	0.81341477	0.91569162	UGP2
50834	ENSG00000169777	0	NA	NA	NA	NA	TAS2R1
84894	ENSG00000169783	252.751379	-1.886323	0.22410538	2.29E-18	7.86E-17	LINGO1
9081	ENSG00000169789	0	NA	NA	NA	NA	PRY
159163	ENSG00000169800	0	NA	NA	NA	NA	RBMY1F
442862	ENSG00000169807	0	NA	NA	NA	NA	PRY2
NA	ENSG00000169811	0	NA	NA	NA	NA	RBMY1HP
3185	ENSG00000169813	4702.37203	0.03322659	0.0594658	0.57248249	0.7723153	HNRNPF
686	ENSG00000169814	441.465563	0.22173248	0.13277281	0.07444389	0.20030974	BTD
55454	ENSG00000169826	940.448364	0.25749095	0.08504035	0.00186442	0.01008177	CSGALNACT2

6870	ENSG00000169836	0.16735865	0.01897177	0.38482933	0.78225479	NA	TACR3
219409	ENSG00000169840	0	NA	NA	NA	NA	GSX1
NA	ENSG00000169849	0	NA	NA	NA	NA	TSPY14P
5099	ENSG00000169851	7.82589174	0.06814153	0.37290092	0.54854093	0.75503345	PCDH7
6091	ENSG00000169855	1001.62983	-0.07528395	0.14810137	0.57996075	0.77743886	ROBO1
3175	ENSG00000169856	0.49687332	-0.02955746	0.38590719	0.52474722	NA	ONECUT1
57099	ENSG00000169857	195.95589	-0.13501569	0.15879285	0.34920586	0.57998769	AVEN
5028	ENSG00000169860	3.01298285	0.18759872	0.44383995	0.05337541	0.15645711	P2RY1
1501	ENSG00000169862	0	NA	NA	NA	NA	CTNND2
81844	ENSG00000169871	11.3585229	0.11059551	0.35459271	0.50826572	0.7239622	TRIM56
140453	ENSG00000169876	0	NA	NA	NA	NA	MUC17
51327	ENSG00000169877	0	NA	NA	NA	NA	AHSP
7480	ENSG00000169884	0.69723612	0.03065898	0.38448208	0.58082614	NA	WNT10B
163688	ENSG00000169885	6.53402955	-0.03045907	0.35986537	0.81370149	0.91591045	CALML6
9185	ENSG00000169891	48.7365805	-0.21074422	0.28166297	0.29965101	0.52662556	REPS2
4584	ENSG00000169894	0.68684686	0.00320496	0.38127506	0.94988598	NA	MUC3A
94056	ENSG00000169895	1114.44307	-0.20933005	0.09727934	0.02566232	0.08890176	SYAP1
3684	ENSG00000169896	0	NA	NA	NA	NA	ITGAM
260434	ENSG00000169900	0	NA	NA	NA	NA	PYDC1
8460	ENSG00000169902	559.39648	0.50611427	0.11005352	1.65E-06	1.80E-05	TPST1
7104	ENSG00000169903	0	NA	NA	NA	NA	TM4SF4
163590	ENSG00000169905	2262.74478	-0.084054	0.07089769	0.22720249	0.4418878	TOR1AIP2
795	ENSG00000169906	0	NA	NA	NA	NA	S100G
4071	ENSG00000169908	0.34746601	0.02370763	0.3853651	0.61987128	NA	TM4SF1
23252	ENSG00000169914	664.431119	0.10702565	0.12628446	0.37019659	0.59943356	OTUD3
161725	ENSG00000169918	252.786475	-0.52607689	0.15188354	0.00018462	0.0013233	OTUD7A
2990	ENSG00000169919	1112.92759	0.0532934	0.08319463	0.51237168	0.7276095	GUSB
8019	ENSG00000169925	2713.42236	0.23320105	0.080796	0.003103	0.01559038	BRD3
51621	ENSG00000169926	2147.84476	-0.17454301	0.07520594	0.01770657	0.06600871	KLF13
9758	ENSG00000169933	0	NA	NA	NA	NA	FRMPD4
23414	ENSG00000169946	26.121443	3.75699376	0.74539666	2.42E-08	3.46E-07	ZFPM2
92595	ENSG00000169951	407.702036	0.19640202	0.11938588	0.08336134	0.21800589	ZNF764
159119	ENSG00000169953	0	NA	NA	NA	NA	HSFY2
65988	ENSG00000169955	445.214915	-0.0465216	0.14789563	0.73271663	0.87239916	ZNF747
79724	ENSG00000169957	1315.66771	-0.01025882	0.09414413	0.90965122	0.96107209	ZNF768
83756	ENSG00000169962	9.25751943	0.10740134	0.35779217	0.50839272	0.72403357	TAS1R3
131616	ENSG00000169964	159.317602	-0.06624102	0.1689854	0.66146428	0.8324506	TMEM42
10746	ENSG00000169967	942.243284	-0.04974501	0.09349991	0.58214356	0.77907104	MAP3K2

126789	ENSG00000169972	259.802826	-0.1791477	0.13972454	0.16732883	0.35828164	PUSL1
83443	ENSG00000169976	1086.53545	0.39535216	0.09742401	2.65E-05	0.00023154	SF3B5
7584	ENSG00000169981	304.980794	0.10162711	0.1448063	0.44870988	0.67234398	ZNF35
201798	ENSG00000169989	35.8675381	0.22188486	0.32540219	0.28636446	0.51225386	TIGD4
126917	ENSG00000169991	126.726728	-0.71598274	0.24296421	0.00059716	0.00376716	IFFO2
57555	ENSG00000169992	3191.43242	-0.22227366	0.0716507	0.00156789	0.00871099	NLGN2
4648	ENSG00000169994	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MYO7B
1107	ENSG00000170004	4013.71651	0.08716638	0.06643534	0.18335843	0.38156401	CHD3
201799	ENSG00000170006	39.5874761	3.15723937	0.6190836	1.24E-08	1.86E-07	TMEM154
25924	ENSG00000170011	173.511122	0.01326916	0.17398644	0.93299559	0.97202552	MYRIP
214	ENSG00000170017	3175.75883	0.55594491	0.05876278	1.08E-21	4.40E-20	ALCAM
7532	ENSG00000170027	10941.0307	-0.27675726	0.0469854	2.84E-09	4.57E-08	YWHAG
10477	ENSG00000170035	1491.01472	-0.03844674	0.07216347	0.58751671	0.78256674	UBE2E3
116840	ENSG00000170037	1014.85622	0.10797781	0.09945044	0.26093812	0.48276874	CNTROB
58485	ENSG00000170043	1066.4037	0.21119953	0.08025937	0.00706143	0.0311896	TRAPPC1
131368	ENSG00000170044	1.53473883	0.02335072	0.37723536	0.76964634	NA	ZPLD1
9196	ENSG00000170049	432.926489	0.27285526	0.12602054	0.02154473	0.07726816	KCNAB3
327657	ENSG00000170054	0	NA	NA	NA	NA	SERPINA9
285596	ENSG00000170074	0.83002665	0.02308492	0.38355603	0.61702622	NA	FAM153A
9283	ENSG00000170075	4.59426043	0.10330928	0.38855657	0.31444033	0.54217557	GPR37L1
375484	ENSG00000170085	705.408885	-0.05801656	0.10681108	0.57085622	0.77109827	SIMC1
201931	ENSG00000170088	403.079904	-0.323453	0.13714252	0.01131976	0.04595542	TMEM192
NA	ENSG00000170089	261.953525	-0.2766912	0.14907175	0.04330741	0.13329491	
51617	ENSG00000170091	3676.24809	-3.60652643	0.08080996	0	0	NSG2
442590	ENSG00000170092	22.1720714	-0.21669939	0.34814443	0.28643364	0.51225526	SPDYE5
866	ENSG00000170099	0	NA	NA	NA	NA	SERPINA6
197320	ENSG00000170100	968.956706	0.20202294	0.12703139	0.09119322	0.23300366	ZNF778
123606	ENSG00000170113	1439.25411	-0.24225795	0.08831973	0.00471781	0.02213638	NIPA1
2298	ENSG00000170122	31.1991243	0.15944877	0.2969006	0.42787725	0.65375395	FOXD4
2848	ENSG00000170128	2.75418029	-0.1088411	0.39392267	0.26974893	0.49289177	GPR25
7324	ENSG00000170142	1609.93466	-0.23306497	0.07860527	0.00240135	0.01252769	UBE2E1
220988	ENSG00000170144	11732.2763	0.02156966	0.07701866	0.77618697	0.89709598	HNRNPA3
23235	ENSG00000170145	1209.51707	0.63749969	0.0872855	7.80E-14	1.93E-12	SIK2
57484	ENSG00000170153	4892.26885	-0.3516516	0.07717077	3.10E-06	3.23E-05	RNF150
9720	ENSG00000170160	26.6654547	-0.24766194	0.40554249	0.19373399	0.39662392	CCDC144A
554249	ENSG00000170161	157.920818	0.12442403	0.17180023	0.41864524	0.64464626	
245806	ENSG00000170162	0	NA	NA	NA	NA	VGLL2
3233	ENSG00000170166	110.895706	-0.06068292	0.19738483	0.71903702	0.86537424	HOXD4

1140	ENSG00000170175	347.920122	0.28780182	0.12878623	0.01742958	0.06522123	CHRN1
3238	ENSG00000170178	0.52119901	0.02576573	0.38568143	0.51723676	NA	HOXD12
2993	ENSG00000170180	0	NA	NA	NA	NA	GYPA
84640	ENSG00000170185	661.141091	-0.16722699	0.10559617	0.09850287	0.24653676	USP38
9121	ENSG00000170190	0	NA	NA	NA	NA	SLC16A5
140838	ENSG00000170191	193.963764	-0.38167523	0.17138143	0.01320587	0.052078	NANP
255239	ENSG00000170209	3.6548343	0.03573914	0.36980932	0.74612701	0.8804068	ANKK1
147	ENSG00000170214	0	NA	NA	NA	NA	ADRA1B
56985	ENSG00000170222	151.869628	-0.13606017	0.18373097	0.39837145	0.62727695	ADPRM
2172	ENSG00000170231	13.5403007	-1.40015846	0.89714664	0.0048841	0.02278406	FABP6
114825	ENSG00000170234	435.142426	-0.25429442	0.12263336	0.02799325	0.09501899	PWWP2A
373509	ENSG00000170236	14.7368343	0.16727824	0.36264676	0.35936017	0.58949503	USP50
55031	ENSG00000170242	1699.19162	0.34740635	0.09480423	0.00015101	0.00110145	USP47
10015	ENSG00000170248	2151.15264	-0.20057578	0.08252442	0.0126427	0.0503071	PDCD6IP
259249	ENSG00000170255	0	NA	NA	NA	NA	MRGPRX1
7988	ENSG00000170260	475.065549	0.11023644	0.11145054	0.30140297	0.52872103	ZNF212
56246	ENSG00000170262	0	NA	NA	NA	NA	MRAP
84140	ENSG00000170264	337.301988	-0.28227405	0.13349542	0.02364843	0.08332657	FAM161A
8427	ENSG00000170265	1270.03515	-0.04956355	0.10354645	0.6181204	0.80452675	ZNF282
2720	ENSG00000170266	884.735583	0.30935376	0.11816633	0.00578906	0.02634892	GLB1
84520	ENSG00000170270	237.122116	-0.40514312	0.15641712	0.00464057	0.02184314	GON7
10826	ENSG00000170271	270.786797	0.46180177	0.16095985	0.00169839	0.00933926	FAXDC2
10491	ENSG00000170275	1833.20069	0.19146552	0.07907075	0.01323237	0.05217216	CRTAP
3316	ENSG00000170276	0.173124	-0.01911262	0.38486262	0.84537521	NA	HSPB2
202865	ENSG00000170279	0	NA	NA	NA	NA	C7orf33
54714	ENSG00000170289	0.18922458	0.01954053	0.38488496	0.78225479	NA	CNGB3
6588	ENSG00000170290	0.66943461	0.03059546	0.38616409	0.42784935	NA	SLN
23587	ENSG00000170291	830.810254	0.22543688	0.08801797	0.00840132	0.03596938	ELP5
152189	ENSG00000170293	75.8223806	0.28357767	0.26234835	0.16031886	0.34815303	CMTM8
11337	ENSG00000170296	3235.76641	0.09277744	0.06562615	0.15069872	0.33428696	GABARAP
284194	ENSG00000170298	0	NA	NA	NA	NA	LGALS9B
9482	ENSG00000170310	217.878986	0.1189251	0.15733837	0.40883335	0.63702612	STX8
983	ENSG00000170312	1832.92836	-0.37250499	0.07387225	2.64E-07	3.29E-06	CDK1
7314	ENSG00000170315	12350.8112	-0.10094091	0.04640433	0.02836205	0.0960408	UBB
4798	ENSG00000170322	1287.76843	0.11452285	0.07892985	0.13818795	0.31440929	NFRKB
2167	ENSG00000170323	0	NA	NA	NA	NA	FABP4
143162	ENSG00000170324	4.9949858	0.19906643	0.4458268	0.07597106	0.20338223	FRMPD2
56980	ENSG00000170325	392.513088	-0.14477981	0.12848008	0.23059236	0.44655466	PRDM10

10678	ENSG00000170340	304.614223	-0.14850641	0.13320168	0.23320337	0.45004948	B3GNT2
2353	ENSG00000170345	927.495378	2.61893509	0.2914582	1.54E-20	5.94E-19	FOS
10972	ENSG00000170348	3406.03136	0.25683411	0.07611086	0.00057878	0.00366632	TMED10
401428	ENSG00000170356	0	NA	NA	NA	NA	OR2A20P
6419	ENSG00000170364	428.93572	-0.21890776	0.12259035	0.05865467	0.16825136	SETMAR
4086	ENSG00000170365	297.485371	-0.09071956	0.1787617	0.56488828	0.76715609	SMAD1
1473	ENSG00000170367	0	NA	NA	NA	NA	CST5
1470	ENSG00000170369	0	NA	NA	NA	NA	CST2
2018	ENSG00000170370	0	NA	NA	NA	NA	EMX2
1469	ENSG00000170373	0	NA	NA	NA	NA	CST1
121340	ENSG00000170374	3.50947625	-0.0761553	0.37940605	0.46969062	0.69206549	SP7
285966	ENSG00000170379	0.35628637	0.02381422	0.38538061	0.61421642	NA	TCAF2
9723	ENSG00000170381	0.75016689	-0.00543912	0.38183361	0.8995577	NA	SEMA3E
10446	ENSG00000170382	109.085332	-0.20726015	0.22268887	0.25672147	0.47780055	LRRN2
7779	ENSG00000170385	573.829622	-0.67184148	0.11290804	6.62E-10	1.17E-08	SLC30A1
166614	ENSG00000170390	753.578605	-0.29133631	0.10856343	0.00497667	0.02313971	DCLK2
91752	ENSG00000170396	232.672743	-0.72006807	0.16349616	2.26E-06	2.41E-05	ZNF804A
NA	ENSG00000170409	0	NA	NA	NA	NA	
55890	ENSG00000170412	10.4091984	3.55844558	1.1749026	0.00017106	0.00123504	GPRC5C
130827	ENSG00000170417	71.7372274	0.09580265	0.23540181	0.60933286	0.79803651	TMEM182
222008	ENSG00000170419	19.1455709	-0.31041756	0.42728611	0.13895263	0.31571462	VSTM2A
3856	ENSG00000170421	0	NA	NA	NA	NA	KRT8
196374	ENSG00000170423	0	NA	NA	NA	NA	KRT78
136	ENSG00000170425	30.0239335	-0.05546562	0.28620175	0.77161474	0.89527792	ADORA2B
121214	ENSG00000170426	0	NA	NA	NA	NA	SDR9C7
4255	ENSG00000170430	283.218713	0.1148444	0.14162279	0.3829023	0.61227467	MGMT
196410	ENSG00000170439	0	NA	NA	NA	NA	METTTL7B
3892	ENSG00000170442	0	NA	NA	NA	NA	KRT86
3035	ENSG00000170445	2403.9034	0.01362874	0.06312154	0.8273322	0.92189669	HARS1
152518	ENSG00000170448	549.676088	0.0786919	0.10692964	0.44405167	0.66905081	NFXL1
9119	ENSG00000170454	0	NA	NA	NA	NA	KRT75
160518	ENSG00000170456	793.237341	-0.178674	0.13521826	0.15679513	0.34358464	DENND5B
929	ENSG00000170458	20.5041188	1.15438401	0.61333435	0.00375117	0.01827681	CD14
202052	ENSG00000170464	591.239359	0.00672421	0.13201461	0.95986677	0.98360159	DNAJC18
286887	ENSG00000170465	0	NA	NA	NA	NA	KRT6C
79697	ENSG00000170468	430.057133	-0.13767952	0.11303879	0.20152368	0.40694451	RIOX1
202051	ENSG00000170469	42.0820082	0.09452936	0.26446239	0.62700701	0.81067573	SPATA24
57148	ENSG00000170471	2605.10351	-0.04415677	0.06012107	0.45702633	0.68052466	RALGAPB

84305	ENSG00000170473	419.034116	-0.0495058	0.11608343	0.65333484	0.82730171	PYM1
51237	ENSG00000170476	0.8230849	-0.00547373	0.38077018	0.92289514	NA	MZB1
3851	ENSG00000170477	0	NA	NA	NA	NA	KRT4
9963	ENSG00000170482	7.90429217	0.20158279	0.4104864	0.21561415	0.42641394	SLC23A1
121391	ENSG00000170484	0	NA	NA	NA	NA	KRT74
4862	ENSG00000170485	29.8829652	-0.07919062	0.3217465	0.66007363	0.83146071	NPAS2
140807	ENSG00000170486	0	NA	NA	NA	NA	KRT72
3814	ENSG00000170498	1.67792723	0.06154521	0.38500862	0.39937632	NA	KISS1
164832	ENSG00000170500	183.558136	0.0345242	0.16630439	0.8191077	0.91752333	LONRF2
53343	ENSG00000170502	418.315325	-0.06552342	0.13184395	0.59566295	0.78816266	NUDT9
345275	ENSG00000170509	14.9677522	0.26379989	0.4019622	0.19332036	0.3960223	HSD17B13
5036	ENSG00000170515	3821.64546	-0.05284576	0.07156394	0.45167445	0.67494322	PA2G4
170712	ENSG00000170516	0	NA	NA	NA	NA	COX7B2
79071	ENSG00000170522	1463.10695	-0.33319258	0.1162638	0.00254562	0.01317983	ELOVL6
3889	ENSG00000170523	0	NA	NA	NA	NA	KRT83
5209	ENSG00000170525	572.714701	0.00710597	0.14177984	0.95882133	0.98310156	PFKFB3
79905	ENSG00000170537	100.076654	0.18712621	0.22784434	0.31318053	0.54124579	TMC7
23204	ENSG00000170540	5351.04922	-0.286684	0.0518263	2.29E-08	3.29E-07	ARL6IP1
5272	ENSG00000170542	8.22735833	-0.18585081	0.39656173	0.25960343	0.48121669	SERPINB9
57228	ENSG00000170545	26.1705334	-0.10986598	0.32587276	0.55370101	0.75980255	SMAGP
79192	ENSG00000170549	0	NA	NA	NA	NA	IRX1
1000	ENSG00000170558	3106.0314	1.0272181	0.06135669	9.13E-64	1.29E-61	CDH2
153572	ENSG00000170561	0	NA	NA	NA	NA	IRX2
133418	ENSG00000170571	616.416884	0.11252573	0.0988461	0.23882392	0.45652723	EMB
10736	ENSG00000170577	29.3309238	0.23940226	0.33016879	0.25554405	0.47650319	SIX2
9229	ENSG00000170579	0.71501162	-0.04064198	0.38714626	0.37606669	NA	DLGAP1
6773	ENSG00000170581	800.652759	0.30527244	0.10003939	0.00152594	0.0085017	STAT2
134492	ENSG00000170584	548.04027	-0.09536623	0.12975567	0.43335586	0.65863186	NUDCD2
26145	ENSG00000170604	1312.62008	0.02096173	0.08788657	0.80722337	0.91260538	IRF2BP1
441639	ENSG00000170605	0	NA	NA	NA	NA	OR9K2
3308	ENSG00000170606	2893.27686	-0.35657451	0.08035705	5.44E-06	5.44E-05	HSPA4
3171	ENSG00000170608	5.30711147	0.00098151	0.35887432	0.99597878	0.99859366	FOXA3
153745	ENSG00000170613	0	NA	NA	NA	NA	FAM71B
375611	ENSG00000170615	9.68397929	1.2953348	1.36035894	0.00880275	0.03734159	SLC26A5
28991	ENSG00000170619	565.564101	0.04189975	0.09933045	0.66326227	0.83380582	COMMD5
6444	ENSG00000170624	74.3437157	0.00622106	0.25513455	0.97575468	0.99159826	SGCD
121355	ENSG00000170627	23.151985	-1.95412553	0.61637529	7.90E-05	0.00061601	GTSF1
349152	ENSG00000170629	362.628805	-0.23624593	0.13779251	0.06531185	0.18235113	DPY19L2P2

7564	ENSG00000170631	153.071349	-0.00373758	0.18731935	0.98206668	0.99406728	ZNF16
83787	ENSG00000170632	939.880534	-0.22185436	0.10278484	0.02465063	0.08617946	ARMC10
80196	ENSG00000170633	603.033588	0.03296072	0.11521855	0.7650925	0.89191112	RNF34
98	ENSG00000170634	118.453314	0.03742741	0.18755837	0.82051252	0.91836671	ACYP2
80305	ENSG00000170638	1441.9526	-0.09245122	0.08051135	0.23902785	0.45678218	TRABD
11016	ENSG00000170653	925.095631	0.07515401	0.09602376	0.4201837	0.64613584	ATF7
100271927	ENSG00000170667	1141.41506	0.1197955	0.09802019	0.20620369	0.41324052	RASA4B
9306	ENSG00000170677	652.692117	0.52780444	0.1089639	4.62E-07	5.55E-06	SOCS6
347273	ENSG00000170681	153.006944	-0.13703721	0.17498064	0.37810239	0.60702282	CAVIN4
26496	ENSG00000170683	0	NA	NA	NA	NA	OR10A3
162979	ENSG00000170684	19.7357671	0.42543104	0.49083921	0.07837909	0.20828302	ZNF296
NA	ENSG00000170688	0	NA	NA	NA	NA	OR5E1P
3219	ENSG00000170689	0	NA	NA	NA	NA	HOXB9
284076	ENSG00000170703	0	NA	NA	NA	NA	TTLL6
5429	ENSG00000170734	626.244774	0.0362626	0.27034457	0.8532285	0.93385853	POLH
143425	ENSG00000170743	19.4946776	2.46743912	0.62493743	4.71E-06	4.77E-05	SYT9
3790	ENSG00000170745	4.19961508	0.28997988	0.55691392	0.00620984	0.02788666	KCNS3
27288	ENSG00000170748	0.16735865	0.01897177	0.38482933	0.78225479	NA	RBMXL2
3799	ENSG00000170759	4809.14291	-0.24712449	0.05450513	4.53E-06	4.60E-05	KIF5B
2861	ENSG00000170775	211.131079	1.81428456	0.18072118	8.09E-25	3.83E-23	GPR37
11214	ENSG00000170776	2129.27642	0.21519275	0.08300226	0.00782716	0.03389892	AKAP13
89882	ENSG00000170777	0	NA	NA	NA	NA	TPD52L3
55038	ENSG00000170779	1006.24629	-0.41691439	0.08417224	3.69E-07	4.50E-06	CDCA4
283297	ENSG00000170782	0	NA	NA	NA	NA	OR10A4
195814	ENSG00000170786	0	NA	NA	NA	NA	SDR16C5
143241	ENSG00000170788	0.85833586	0.04613547	0.38538553	0.40603712	NA	DYDC1
341276	ENSG00000170790	0	NA	NA	NA	NA	OR10A2
79145	ENSG00000170791	100.262932	-0.07431098	0.23488783	0.68894778	0.84898907	CHCHD7
94031	ENSG00000170801	2.27953673	-0.15767178	0.43003068	0.01919798	NA	HTRA3
3344	ENSG00000170802	474.22979	-0.41720219	0.11547745	0.00014742	0.00107846	FOXN2
442721	ENSG00000170807	0.50818559	0.03077092	0.38601908	0.48305186	NA	LMOD2
8419	ENSG00000170819	0	NA	NA	NA	NA	BFSP2
2492	ENSG00000170820	0	NA	NA	NA	NA	FSHR
NA	ENSG00000170827	2.0221701	0.03281618	0.3767489	0.70355011	NA	CELP
84669	ENSG00000170832	1277.81613	-0.2029806	0.08905857	0.01884299	0.06938475	USP32
1056	ENSG00000170835	41.7098787	0.25562132	0.31230241	0.22747008	0.44227817	CEL
8493	ENSG00000170836	876.377947	-0.12922933	0.08509028	0.11881708	0.28318716	PPM1D
2850	ENSG00000170837	375.013675	-0.25905564	0.123219	0.0259129	0.08955568	GPR27

NA	ENSG00000170846	457.383903	-0.13837176	0.12705668	0.24576918	0.46496238	
5675	ENSG00000170848	0	NA	NA	NA	NA	PSG6
25948	ENSG00000170852	1475.54325	-0.2140699	0.08006192	0.00615923	0.02770185	KBTBD2
84864	ENSG00000170854	527.300537	-0.21417458	0.12913092	0.0770512	0.20558039	RIOX2
51499	ENSG00000170855	333.746306	-0.20349095	0.13528094	0.10693762	0.2618665	TRIAP1
79166	ENSG00000170858	0	NA	NA	NA	NA	LILRP2
27258	ENSG00000170860	665.977471	-0.33991535	0.10443393	0.00069512	0.00430169	LSM3
9778	ENSG00000170871	998.91637	0.01432969	0.10257442	0.88583718	0.95015905	KIAA0232
9788	ENSG00000170873	401.863248	-0.54049312	0.14929824	9.78E-05	0.00074748	MTSS1
79188	ENSG00000170876	1484.91216	-0.39600421	0.07635267	1.14E-07	1.50E-06	TMEM43
11236	ENSG00000170881	522.159125	-0.11070522	0.10555967	0.2739229	0.49754008	RNF139
6203	ENSG00000170889	10831.0395	-0.1112736	0.0490427	0.0220835	0.07887246	RPS9
5319	ENSG00000170890	0.36265744	0.00119746	0.38336636	0.9645027	NA	PLA2G1B
54360	ENSG00000170891	115.675067	-0.00409768	0.20128044	0.98020387	0.99338199	CYTL1
79042	ENSG00000170892	899.206127	-0.25500112	0.09210905	0.00416501	0.01996949	TSEN34
7200	ENSG00000170893	1.87644317	-0.06322292	0.38708455	0.33781037	NA	TRH
2941	ENSG00000170899	774.480054	-0.5543777	0.09866614	6.58E-09	1.01E-07	GSTA4
84437	ENSG00000170903	850.25664	-0.1308926	0.10708804	0.20215925	0.40772996	MSANTD4
4696	ENSG00000170906	510.68271	0.09871706	0.11504966	0.36861771	0.59798654	NDUFA3
126014	ENSG00000170909	1.2677063	0.03906889	0.38264176	0.53563598	NA	OSCAR
85315	ENSG00000170915	605.44267	-0.49863329	0.11136239	2.94E-06	3.07E-05	PAQR8
11162	ENSG00000170917	220.939489	-0.00672792	0.16747897	0.96319047	0.98545957	NUDT6
NA	ENSG00000170919	479.158149	0.58629626	0.13330817	3.34E-06	3.46E-05	TPT1-AS1
390883	ENSG00000170920	0	NA	NA	NA	NA	OR7G3
26115	ENSG00000170921	2657.5517	-0.05796517	0.0998356	0.54601168	0.75333225	TANC2
390882	ENSG00000170923	0	NA	NA	NA	NA	OR7G2
56156	ENSG00000170925	0	NA	NA	NA	NA	TEX13B
5314	ENSG00000170927	40.8107718	-0.13108846	0.28647204	0.50683525	0.72264544	PKHD1
125963	ENSG00000170929	0	NA	NA	NA	NA	OR1M1
392517	ENSG00000170935	0	NA	NA	NA	NA	NCBP2L
120526	ENSG00000170946	343.196436	0.06734579	0.15402231	0.63544285	0.8165276	DNAJC24
85509	ENSG00000170948	0	NA	NA	NA	NA	MBD3L1
90338	ENSG00000170949	553.320797	0.10563911	0.12727724	0.37865384	0.60756103	ZNF160
5232	ENSG00000170950	0	NA	NA	NA	NA	PGK2
219858	ENSG00000170953	0	NA	NA	NA	NA	OR8B12
55786	ENSG00000170954	183.697425	-0.04070591	0.17189737	0.78992985	0.9043268	ZNF415
112464	ENSG00000170955	0	NA	NA	NA	NA	CAVIN3
1084	ENSG00000170956	0	NA	NA	NA	NA	CEACAM3

341019	ENSG00000170959	1.3736986	0.03881598	0.38199749	0.56108184	NA	DCDC1
3037	ENSG00000170961	0.35651483	0.02381586	0.38538087	0.614101	NA	HAS2
80310	ENSG00000170962	219.651156	0.78406635	0.16791573	5.67E-07	6.71E-06	PDGFD
10761	ENSG00000170965	3.29634248	-0.01844288	0.36953426	0.85934224	0.9374775	PLAC1
414301	ENSG00000170967	0.18922458	0.01954053	0.38488496	0.78225479	NA	DDI1
NA	ENSG00000170983	0.47455697	-0.02849777	0.38581349	0.54195944	NA	LINC00208
1901	ENSG00000170989	5.34543424	3.74593527	1.70641036	0.00106185	0.00621448	S1PR1
90161	ENSG00000171004	2483.50465	0.81337677	0.07836478	5.83E-26	2.88E-24	HS6ST2
219875	ENSG00000171014	0	NA	NA	NA	NA	OR4D5
26108	ENSG00000171016	571.766813	-0.08988502	0.11919475	0.42643646	0.65221241	PYGO1
80131	ENSG00000171017	0.16735865	0.01897177	0.38482933	0.78225479	NA	LRRC8E
5569	ENSG00000171033	659.725302	-0.28261935	0.11071675	0.00743975	0.03249057	PKIA
286046	ENSG00000171044	147.749066	-0.21504409	0.24917681	0.26781428	0.49039551	XKR6
203062	ENSG00000171045	280.37473	-0.03471011	0.18029097	0.82535306	0.92066374	TSNARE1
2358	ENSG00000171049	0	NA	NA	NA	NA	FPR2
2357	ENSG00000171051	0	NA	NA	NA	NA	FPR1
160065	ENSG00000171053	0	NA	NA	NA	NA	PATE1
347468	ENSG00000171054	0.48994503	-0.00693475	0.38315951	0.85942445	NA	OR13H1
9637	ENSG00000171055	526.376855	0.06176695	0.10682596	0.54789953	0.75451702	FEZ2
83595	ENSG00000171056	291.798051	-1.4986547	0.16123557	1.24E-21	4.96E-20	SOX7
203076	ENSG00000171060	0	NA	NA	NA	NA	C8orf74
53838	ENSG00000171067	626.247559	-0.15354008	0.1007123	0.11337248	0.2732066	C11orf24
100125556	ENSG00000171084	82.772385	-0.07126738	0.2236463	0.69437933	0.85208349	FAM86JP
238	ENSG00000171094	5182.08604	-1.05705027	0.05799607	4.14E-75	7.46E-73	ALK
883	ENSG00000171097	251.705928	0.10954893	0.15749851	0.44633257	0.67062583	KYAT1
4534	ENSG00000171100	89.9338077	0.3416254	0.30005154	0.11373437	0.27377941	MTM1
284367	ENSG00000171101	0	NA	NA	NA	NA	SIGLEC17P
29989	ENSG00000171102	0	NA	NA	NA	NA	OBP2B
55006	ENSG00000171103	480.573884	0.09223721	0.11531309	0.40199568	0.63031025	TRMT61B
3643	ENSG00000171105	530.989676	0.10719305	0.28793948	0.58478927	0.78078479	INSR
55669	ENSG00000171109	1098.48276	0.1300738	0.09276247	0.14834412	0.33065355	MFN1
155038	ENSG00000171115	0	NA	NA	NA	NA	GIMAP8
100506164	ENSG00000171116	1.13976687	-0.06245039	0.39108221	0.18895555	NA	HSFX1
4902	ENSG00000171119	101.697659	-0.07235435	0.20590453	0.67632148	0.84170926	NRTN
27094	ENSG00000171121	60.3891718	-0.21130972	0.2630185	0.2873601	0.51306915	KCNMB3
2525	ENSG00000171124	1.8243984	-0.04306502	0.38052105	0.56737642	NA	FUT3
170850	ENSG00000171126	33.0356508	0.97445919	0.45610026	0.00297902	0.01503914	KCNG3
155066	ENSG00000171130	2152.91888	-0.25015585	0.07531637	0.00068636	0.00425014	ATP6V0E2

5581	ENSG00000171132	328.191775	-0.21875661	0.14284362	0.09757699	0.24466031	PRKCE
26248	ENSG00000171133	0	NA	NA	NA	NA	OR2K2
84522	ENSG00000171135	689.119232	-0.15949508	0.09973559	0.09696608	0.24355834	JAGN1
117579	ENSG00000171136	0.173733	0.01914545	0.38484597	0.78225479	NA	RLN3
10474	ENSG00000171148	1797.95468	0.18799424	0.07428712	0.00980928	0.04085998	TADA3
9655	ENSG00000171150	718.857381	-0.04240653	0.10435646	0.67184379	0.83832583	SOCS5
29071	ENSG00000171155	210.36947	0.16637404	0.15503972	0.239442	0.45732906	C1GALT1C1
79095	ENSG00000171159	632.91868	0.28671708	0.09941426	0.00275866	0.01410612	C9orf16
118812	ENSG00000171160	521.78199	0.21090469	0.11909298	0.06181336	0.17539718	MORN4
79894	ENSG00000171161	897.663058	-0.23144737	0.09242225	0.00950141	0.0397948	ZNF672
55657	ENSG00000171163	936.425377	0.21813157	0.09155509	0.01398347	0.05451602	ZNF692
203245	ENSG00000171169	254.098811	-0.0638286	0.14725738	0.63793349	0.81760985	NAIF1
64080	ENSG00000171174	24.0977835	0.23894127	0.36002671	0.24825817	0.46743944	RBKS
26245	ENSG00000171180	0.173733	0.01914545	0.38484597	0.78225479	NA	OR2M4
2897	ENSG00000171189	0.16735865	0.01897177	0.38482933	0.78225479	NA	GRIK1
4589	ENSG00000171195	0	NA	NA	NA	NA	MUC7
58503	ENSG00000171199	0	NA	NA	NA	NA	OPRPN
10879	ENSG00000171201	0	NA	NA	NA	NA	SMR3B
84233	ENSG00000171202	193.988057	-0.03031366	0.15739613	0.83409339	0.92432089	TMEM126A
55863	ENSG00000171204	332.105923	0.05770862	0.14455847	0.66766279	0.83652856	TMEM126B
81603	ENSG00000171206	913.095726	-0.27351522	0.10650078	0.00729314	0.03198408	TRIM8
81831	ENSG00000171208	1464.77985	-0.61089561	0.09832457	1.49E-10	2.81E-09	NETO2
1448	ENSG00000171209	0	NA	NA	NA	NA	CSN3
49861	ENSG00000171217	16.6310814	0.03864302	0.31940366	0.83189176	0.92391014	CLDN20
55561	ENSG00000171219	236.174961	0.20706421	0.14906378	0.13112451	0.30358816	CDC42BPG
51282	ENSG00000171222	990.467289	-0.03736652	0.08490722	0.65118513	0.82578612	SCAND1
3726	ENSG00000171223	1722.72581	0.28268669	0.07454772	0.00010781	0.00081388	JUNB
219738	ENSG00000171224	291.265337	-0.08021824	0.13958224	0.53624231	0.74696675	FAM241B
140738	ENSG00000171227	2.07889136	-0.02173606	0.37788953	0.77487526	NA	TMEM37
7364	ENSG00000171234	0	NA	NA	NA	NA	UGT2B7
116844	ENSG00000171236	3.39388008	-0.15255637	0.41398273	0.15138717	0.33539121	LRG1
79801	ENSG00000171241	396.228911	-0.12384823	0.12639469	0.29763108	0.52432966	SHCBP1
25928	ENSG00000171243	13.1276958	0.0803825	0.33825461	0.64202453	0.82094397	SOSTDC1
4884	ENSG00000171246	0.61831094	-0.03593288	0.38658432	0.43088585	NA	NPTX1
283742	ENSG00000171262	1187.22842	-0.10356771	0.11000461	0.32441062	0.55221149	FAM98B
90594	ENSG00000171291	302.904868	-0.02519732	0.16183575	0.86247977	0.93899493	ZNF439
126070	ENSG00000171295	195.642081	0.00011928	0.169127	0.99829641	0.99941443	ZNF440
2548	ENSG00000171298	2330.19486	0.21506421	0.07941127	0.00556809	0.02549524	GAA

124583	ENSG00000171302	1598.31272	-0.08432143	0.1086561	0.4167852	0.64320305	CANT1
3777	ENSG00000171303	419.16107	-2.59829379	0.15465835	1.41E-64	2.04E-62	KCNK3
84287	ENSG00000171307	539.153326	-0.0456374	0.10741075	0.6570982	0.82978985	ZDHHC16
50515	ENSG00000171310	269.159255	-0.58298297	0.20521005	0.00120358	0.00694559	CHST11
51013	ENSG00000171311	330.33166	0.08098611	0.13197421	0.51355427	0.7287659	EXOSC1
5223	ENSG00000171314	4467.71393	-0.42687307	0.08113296	6.98E-08	9.39E-07	PGAM1
55636	ENSG00000171316	3126.00829	0.14878534	0.20856425	0.39912163	0.62789874	CHD7
157570	ENSG00000171320	378.59052	-0.19601571	0.16319312	0.1820596	0.37980817	ESCO2
3880	ENSG00000171345	0.92180311	-0.05028412	0.38870729	0.27104919	NA	KRT19
3866	ENSG00000171346	0	NA	NA	NA	NA	KRT15
541468	ENSG00000171357	37.6424885	0.10335307	0.28967398	0.5992	0.79043404	LURAP1
8687	ENSG00000171360	0	NA	NA	NA	NA	KRT38
1184	ENSG00000171365	526.102273	-0.38290112	0.12234646	0.00093111	0.00557431	CLCN5
11076	ENSG00000171368	307.572064	-0.63702012	0.1363872	8.04E-07	9.26E-06	TPPP
3752	ENSG00000171385	2.85046178	-0.01451295	0.37335799	0.87297343	0.94439555	KCND3
8862	ENSG00000171388	127.980964	1.73263792	0.2387161	3.07E-14	7.91E-13	APLN
84616	ENSG00000171396	0	NA	NA	NA	NA	KRTAP4-4
3860	ENSG00000171401	0	NA	NA	NA	NA	KRT13
170626	ENSG00000171402	0	NA	NA	NA	NA	XAGE3
3857	ENSG00000171403	0	NA	NA	NA	NA	KRT9
170627	ENSG00000171405	0	NA	NA	NA	NA	XAGE5
27115	ENSG00000171408	90.7161746	1.30446928	0.27354682	1.67E-07	2.15E-06	PDE7B
64979	ENSG00000171421	248.782216	-0.13808579	0.14808085	0.31103806	0.53866926	MRPL36
51545	ENSG00000171425	373.507409	-0.13647315	0.12684643	0.25308921	0.47334935	ZNF581
9	ENSG00000171428	28.3168071	-0.05181381	0.29834794	0.78336521	0.90135811	NAT1
54474	ENSG00000171431	0	NA	NA	NA	NA	KRT20
392465	ENSG00000171433	0	NA	NA	NA	NA	GLOD5
283455	ENSG00000171435	114.080587	0.35941553	0.21023777	0.04477316	0.13655643	KSR2
147807	ENSG00000171443	87.8279157	-0.20785745	0.2433988	0.27917465	0.50362112	ZNF524
4163	ENSG00000171444	970.395578	-0.05103405	0.09703594	0.58591439	0.7817695	MCC
342574	ENSG00000171446	0	NA	NA	NA	NA	KRT27
57684	ENSG00000171448	415.604773	-0.09451416	0.12073598	0.40818519	0.63640649	ZBTB26
8941	ENSG00000171450	754.396459	-1.63912016	0.10021106	3.13E-61	4.19E-59	CDK5R2
92126	ENSG00000171451	518.204329	-0.23743023	0.11293933	0.02724779	0.09307784	DSEL
9533	ENSG00000171453	444.312172	0.24358065	0.12536691	0.03946358	0.12418039	POLR1C
171023	ENSG00000171456	3492.24361	0.01081107	0.08892783	0.90158237	0.9567498	ASXL1
392390	ENSG00000171459	0	NA	NA	NA	NA	OR1L6
65989	ENSG00000171462	57.2038104	-0.40003533	0.30210303	0.07021027	0.1919487	DLK2

54811	ENSG00000171466	832.736276	-0.19773021	0.11145128	0.06281246	0.17744542	ZNF562
24149	ENSG00000171467	1244.68112	-0.23114183	0.07959562	0.00293094	0.01483038	ZNF318
93134	ENSG00000171469	738.880543	0.06215466	0.0984568	0.51426655	0.72925798	ZNF561
147179	ENSG00000171475	981.571764	0.23896684	0.13173515	0.0528785	0.15535456	WIPF2
84525	ENSG00000171476	2.34923132	0.08052168	0.38684956	0.36184912	NA	HOPX
729201	ENSG00000171478	0.173733	0.01914545	0.38484597	0.78225479	NA	SPACA5B
26735	ENSG00000171481	0	NA	NA	NA	NA	OR1L3
NA	ENSG00000171483	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SSX6P
126206	ENSG00000171487	0	NA	NA	NA	NA	NLRP5
84230	ENSG00000171488	459.923502	-0.91791042	0.12202033	8.16E-15	2.18E-13	LRRC8C
389852	ENSG00000171489	0	NA	NA	NA	NA	SPACA5
26156	ENSG00000171490	2747.05217	-0.36099189	0.06321093	6.69E-09	1.03E-07	RSL1D1
55144	ENSG00000171492	613.733486	-0.19516818	0.12128135	0.08876628	0.22815429	LRRC8D
133558	ENSG00000171495	0.93555031	-0.01646483	0.38151541	0.76418188	NA	MROH2B
138881	ENSG00000171496	0	NA	NA	NA	NA	OR1L8
5481	ENSG00000171497	1015.12945	0.1068678	0.09250202	0.23291429	0.44986562	PPID
138882	ENSG00000171501	0	NA	NA	NA	NA	OR1N2
255631	ENSG00000171502	1.92307328	0.13013286	0.41147964	0.0782998	NA	COL24A1
2110	ENSG00000171503	474.65502	0.12201297	0.14528398	0.36447188	0.594135	ETFDH
138883	ENSG00000171505	0	NA	NA	NA	NA	OR1N1
59350	ENSG00000171509	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RXFP1
23566	ENSG00000171517	79.5843338	0.58025519	0.27224432	0.00828623	0.03555628	LPAR3
5734	ENSG00000171522	0.34624801	-0.02356563	0.38536324	0.65270996	NA	PTGER4
6902	ENSG00000171530	1644.68168	0.09618797	0.0810359	0.2246998	0.4385072	TBCA
4761	ENSG00000171532	3.0009515	0.07981591	0.38325908	0.4130919	0.6403849	NEUROD2
4135	ENSG00000171533	1524.09456	-1.5577278	0.07978558	5.45E-86	1.23E-83	MAP6
23440	ENSG00000171540	0.49167029	-0.00731448	0.3831721	0.85359874	NA	OTP
9427	ENSG00000171551	74.9264526	4.58489632	0.45847334	2.47E-24	1.15E-22	ECEL1
598	ENSG00000171552	868.13671	-0.07335706	0.08635454	0.37906576	0.60807444	BCL2L1
2266	ENSG00000171557	0	NA	NA	NA	NA	FGG
2243	ENSG00000171560	0	NA	NA	NA	NA	FGA
341152	ENSG00000171561	0.173733	0.01914545	0.38484597	0.78225479	NA	OR2AT4
2244	ENSG00000171564	0	NA	NA	NA	NA	FGB
5356	ENSG00000171566	984.964447	-0.03383522	0.102137	0.73026986	0.87106623	PLRG1
NA	ENSG00000171570	7.47175324	0.19460226	0.4137992	0.20868925	0.4165387	RAB4B-EGLN2
201514	ENSG00000171574	195.076392	-0.02586344	0.16161543	0.86070391	0.93799827	ZNF584
1826	ENSG00000171587	0	NA	NA	NA	NA	DSCAM
64446	ENSG00000171595	0	NA	NA	NA	NA	DNAI2

10316	ENSG00000171596	12.8065149	0.11571055	0.354941	0.49326726	0.71236151	NMUR1
22883	ENSG00000171603	3953.46809	-0.20428347	0.06275589	0.00095579	0.00569287	CLSTN1
51523	ENSG00000171604	2127.38352	-0.13388924	0.07337356	0.06215452	0.17598767	CXXC5
10782	ENSG00000171606	244.828715	-0.42402377	0.15174053	0.00239671	0.01251004	ZNF274
5293	ENSG00000171608	133.617658	0.54004773	0.21873774	0.00408291	0.01964231	PIK3CD
171558	ENSG00000171611	0	NA	NA	NA	NA	PTCRA
84275	ENSG00000171612	431.957938	-0.40521098	0.11968239	0.00035856	0.00240088	SLC25A33
8507	ENSG00000171617	1168.2968	0.09543553	0.11301737	0.37727301	0.60612976	ENC1
80176	ENSG00000171621	41.2320921	-0.42059498	0.34071214	0.07074434	0.1930817	SPSB1
5031	ENSG00000171631	19.7641453	0.01441495	0.32565714	0.93582419	0.97325384	P2RY6
2186	ENSG00000171634	5242.89871	-0.18494388	0.05968238	0.00156475	0.00869842	BPTF
170591	ENSG00000171643	0	NA	NA	NA	NA	S100Z
284307	ENSG00000171649	162.107403	0.34248069	0.202761	0.04930831	0.14748635	ZIK1
27197	ENSG00000171657	0.32279419	-0.02325667	0.38531906	0.66943166	NA	GPR82
344887	ENSG00000171658	0	NA	NA	NA	NA	NMRAL2P
2857	ENSG00000171659	0.48406658	-0.00538943	0.38311431	0.88309449	NA	GPR34
220070	ENSG00000171671	0	NA	NA	NA	NA	SHANK2-AS3
57449	ENSG00000171680	1601.48298	0.37526112	0.10402391	0.00017323	0.00124854	PLEKHG5
55729	ENSG00000171681	1424.77885	-0.4089201	0.11156747	0.00012346	0.00091773	ATF7IP
198437	ENSG00000171695	10.052071	0.13555194	0.37705154	0.37768658	0.60649953	LKAAEAR1
10287	ENSG00000171700	297.62989	0.17296524	0.14151482	0.18802713	0.38838712	RGS19
6919	ENSG00000171703	630.05897	0.34373132	0.11311047	0.00143384	0.0080656	TCEA2
1673	ENSG00000171711	0	NA	NA	NA	NA	DEFB4A
100289462	ENSG00000171711	0	NA	NA	NA	NA	DEFB4A
203859	ENSG00000171714	638.202699	-0.60876702	0.14992437	1.35E-05	0.00012586	ANO5
102723370	ENSG00000171714	638.202699	-0.60876702	0.14992437	1.35E-05	0.00012586	ANO5
8841	ENSG00000171720	1241.70782	0.07485484	0.08479437	0.36560944	0.59480864	HDAC3
284680	ENSG00000171722	63.161059	-2.26422477	0.35831882	1.46E-11	3.06E-10	SPATA46
10243	ENSG00000171723	448.895033	-0.48301998	0.12076927	2.56E-05	0.00022476	GPHN
57687	ENSG00000171724	181.712789	-1.15795777	0.20334189	1.30E-09	2.20E-08	VAT1L
55092	ENSG00000171729	457.113838	-0.01722493	0.12193309	0.880591	0.94713457	TMEM51
23261	ENSG00000171735	838.505028	-0.58699431	0.10067699	1.72E-09	2.87E-08	CAMTA1
3960	ENSG00000171747	2.57822357	-0.0279604	0.37702859	0.7211761	0.86691933	LGALS4
151827	ENSG00000171757	204.151107	-0.38427708	0.18976262	0.02086041	0.07535879	LRRC34
5053	ENSG00000171759	2.61596974	0.17637302	0.44264197	0.01111043	0.04524446	PAH
79029	ENSG00000171763	340.112352	0.04762192	0.14143445	0.71784837	0.8643386	SPATA5L1
2628	ENSG00000171766	205.740952	0.48177667	0.17881157	0.00268659	0.01379448	GATM
93426	ENSG00000171772	0.85676824	-0.01016063	0.38083338	0.8579291	NA	SYCE1

115861	ENSG00000171773	0	NA	NA	NA	NA	NXNL1
115727	ENSG00000171777	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RASGRP4
4807	ENSG00000171786	14.8621908	0.31541116	0.43391054	0.13951623	0.31648712	NHLH1
200172	ENSG00000171790	29.0458599	0.12777393	0.2986228	0.51839502	0.73221886	SLFNL1
596	ENSG00000171791	926.287796	-0.81020172	0.09114766	1.14E-19	4.17E-18	BCL2
83695	ENSG00000171792	610.676351	-0.28334992	0.13177339	0.02137016	0.07679476	RHNO1
1503	ENSG00000171793	1792.03756	0.16239872	0.09634048	0.08130633	0.21402647	CTPS1
8433	ENSG00000171794	0	NA	NA	NA	NA	UTF1
85442	ENSG00000171798	59.258124	0.21317004	0.2661521	0.28646484	0.51225526	KNDC1
83889	ENSG00000171804	0.29863895	-0.02292439	0.3852726	0.68753245	NA	WDR87
92342	ENSG00000171806	150.667122	-0.42370582	0.19969717	0.01464343	0.05655552	METTTL18
54777	ENSG00000171811	71.6098725	0.46278589	0.29639928	0.03826369	0.12144993	CFAP46
1296	ENSG00000171812	124.981805	0.05408461	0.20013408	0.75235249	0.8840721	COL8A2
170394	ENSG00000171813	404.395889	-0.39622248	0.12148517	0.00057125	0.00362556	PWWP2B
29930	ENSG00000171815	2.30262893	0.17361184	0.4406657	0.01298917	NA	PCDHB1
163255	ENSG00000171817	55.7709356	0.14009824	0.26437292	0.47555034	0.69768942	ZNF540
10218	ENSG00000171819	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ANGPTL7
144699	ENSG00000171823	400.341114	0.09347492	0.12178811	0.41866266	0.64464626	FBXL14
5394	ENSG00000171824	1888.99561	0.12701622	0.07957918	0.10267681	0.2543206	EXOSC10
148268	ENSG00000171827	335.331771	-0.64642842	0.14210453	1.37E-06	1.53E-05	ZNF570
4815	ENSG00000171840	0.29863895	-0.02292439	0.3852726	0.68753245	NA	NINJ2
4300	ENSG00000171843	357.818931	-0.181115	0.1477829	0.18265734	0.38050416	MLLT3
55138	ENSG00000171847	3.29187655	0.07510127	0.38533167	0.35932192	0.58949503	FAM90A1
6241	ENSG00000171848	3549.32203	-0.27815801	0.10232023	0.00465637	0.02190715	RRM2
51112	ENSG00000171853	1725.51072	0.17193919	0.07539208	0.01994719	0.07281548	TRAPPC12
3456	ENSG00000171855	0	NA	NA	NA	NA	IFNB1
6227	ENSG00000171858	8616.26043	0.00412752	0.05519175	0.94051678	0.97527063	RPS21
719	ENSG00000171860	2.95601563	-0.11153525	0.40053597	0.14889178	0.33152468	C3AR1
55178	ENSG00000171861	302.29297	-0.16532116	0.15204076	0.23465589	0.45155897	MRM3
5728	ENSG00000171862	1953.60805	-0.56049324	0.11186217	1.78E-07	2.27E-06	PTEN
6201	ENSG00000171863	19662.929	-0.02192682	0.04669575	0.63099533	0.81344688	RPS7
23627	ENSG00000171864	0	NA	NA	NA	NA	PRND
246243	ENSG00000171865	2191.00047	0.1859844	0.07103894	0.00767178	0.03332779	RNASEH1
5621	ENSG00000171867	214.302672	-1.09819835	0.18063984	1.38E-10	2.62E-09	PRNP
128209	ENSG00000171872	0	NA	NA	NA	NA	KLF17
146	ENSG00000171873	0.16735865	0.01897177	0.38482933	0.78225479	NA	ADRA1D
84978	ENSG00000171877	390.688653	-0.72093815	0.15057908	3.57E-07	4.37E-06	FRMD5
361	ENSG00000171885	3.95056174	-0.04357075	0.3709579	0.6814371	0.84429601	AQP4

554202	ENSG00000171889	0	NA	NA	NA	NA	MIR31HG
57834	ENSG00000171903	0	NA	NA	NA	NA	CYP4F11
83660	ENSG00000171914	1419.12171	0.13541623	0.12145441	0.23887804	0.45653986	TLN2
654346	ENSG00000171916	0	NA	NA	NA	NA	LGALS9C
51030	ENSG00000171928	535.421588	-0.05466627	0.1099461	0.60236827	0.79259054	TVP23B
10517	ENSG00000171931	2.5882608	0.16635213	0.42766217	0.08340137	0.21803706	FBXW10
26532	ENSG00000171936	0	NA	NA	NA	NA	OR10H3
7764	ENSG00000171940	523.976576	0.64784289	0.13730628	6.09E-07	7.17E-06	ZNF217
26538	ENSG00000171942	0	NA	NA	NA	NA	OR10H2
653464	ENSG00000171943	432.529927	-0.3505104	0.12451824	0.0028161	0.01435545	SRGAP2C
390054	ENSG00000171944	0	NA	NA	NA	NA	OR52A5
7857	ENSG00000171951	342.925517	-1.4373638	0.14320866	9.58E-25	4.51E-23	SCG2
91647	ENSG00000171953	336.500918	-0.08777581	0.12515564	0.45709255	0.680528	ATPAF2
126410	ENSG00000171954	0	NA	NA	NA	NA	CYP4F22
27023	ENSG00000171956	0	NA	NA	NA	NA	FOXB1
10465	ENSG00000171960	979.880901	-0.07549782	0.08854045	0.37985655	0.60880151	PPIH
83450	ENSG00000171962	150.592761	0.09426875	0.19385792	0.57433272	0.77352065	DRC3
126295	ENSG00000171970	64.1934265	-0.10877719	0.25238273	0.57029384	0.7706786	ZNF57
149840	ENSG00000171984	46.3254907	-0.06298307	0.2609744	0.74211071	0.87846755	SHLD1
143501	ENSG00000171987	0	NA	NA	NA	NA	C11orf40
221037	ENSG00000171988	1974.43185	0.09353192	0.11221032	0.38386325	0.61304411	JMJD1C
92483	ENSG00000171989	0.70177513	0.02815439	0.38381803	0.55959831	NA	LDHAL6B
11346	ENSG00000171992	2603.32219	-0.76757124	0.06541461	1.79E-32	1.11E-30	SYNPO
NA	ENSG00000171999	0	NA	NA	NA	NA	OR52P2P
80032	ENSG00000172000	104.715725	-0.49840283	0.25618366	0.01626256	0.06159779	ZNF556
4118	ENSG00000172005	0	NA	NA	NA	NA	MAL
115196	ENSG00000172006	169.905875	-0.01747829	0.16221515	0.90432338	0.9581211	ZNF554
83452	ENSG00000172007	246.571619	0.15714349	0.15818406	0.27559954	0.49971621	RAB33B
7064	ENSG00000172009	1873.1541	0.09850892	0.08475069	0.23353818	0.45043378	THOP1
NA	ENSG00000172014	15.1255468	0.0925997	0.33636116	0.60224757	0.79255716	ANKRD20A4P
5068	ENSG00000172016	0	NA	NA	NA	NA	REG3A
2596	ENSG00000172020	543.044175	-1.55652537	0.11620732	5.37E-42	4.28E-40	GAP43
5968	ENSG00000172023	0	NA	NA	NA	NA	REG1B
253152	ENSG00000172031	36.3915727	0.1352225	0.28482043	0.49647762	0.714811	EPHX4
3913	ENSG00000172037	1694.02835	0.13003604	0.09574517	0.16077323	0.34879615	LAMB2
10869	ENSG00000172046	2456.93788	0.0271	0.06674928	0.68078018	0.84396798	USP19
5859	ENSG00000172053	4226.33008	0.20561191	0.07541665	0.00539106	0.02481554	QARS1
94103	ENSG00000172057	770.022555	0.24544111	0.09431701	0.00714481	0.03144527	ORMDL3

8293	ENSG00000172058	360.954275	0.04361224	0.18957887	0.79320881	0.9054599	SERF1A
8462	ENSG00000172059	197.062192	-0.33045902	0.1644095	0.02609646	0.09006417	KLF11
131578	ENSG00000172061	0	NA	NA	NA	NA	LRRC15
6606	ENSG00000172062	1039.22618	-0.38182154	0.09463468	3.00E-05	0.00025785	SMN1
9451	ENSG00000172071	842.421174	0.53807593	0.09406311	3.86E-09	6.14E-08	EIF2AK3
200523	ENSG00000172073	0.33895101	0.00238255	0.38338048	0.96571076	NA	TEX37
126308	ENSG00000172081	552.435997	-0.036625	0.12144601	0.74947183	0.88205755	MOB3A
51315	ENSG00000172086	346.156124	-0.01943214	0.12712009	0.86864702	0.94267349	KRCC1
10201	ENSG00000172113	496.992878	-0.10809086	0.12903632	0.37250693	0.60143185	NME6
54205	ENSG00000172115	2370.62012	-0.51265552	0.08359395	3.33E-10	6.08E-09	CYCS
926	ENSG00000172116	0	NA	NA	NA	NA	CD8B
55106	ENSG00000172123	0	NA	NA	NA	NA	SLFN12
794	ENSG00000172137	0	NA	NA	NA	NA	CALB2
285335	ENSG00000172139	0	NA	NA	NA	NA	SLC9C1
8383	ENSG00000172146	0	NA	NA	NA	NA	OR1A1
NA	ENSG00000172148	0	NA	NA	NA	NA	OR7A2P
26189	ENSG00000172150	0	NA	NA	NA	NA	OR1A2
120586	ENSG00000172154	0	NA	NA	NA	NA	OR8I2
353134	ENSG00000172155	0	NA	NA	NA	NA	LCE1D
6356	ENSG00000172156	0	NA	NA	NA	NA	CCL11
257019	ENSG00000172159	119.161014	-1.4050869	0.25329864	2.27E-09	3.73E-08	FRMD3
6641	ENSG00000172164	20.4206881	2.13651124	0.63435713	4.06E-05	0.00034088	SNTB1
27085	ENSG00000172167	338.134329	0.11245866	0.13058037	0.35982774	0.58975484	MTBP
79736	ENSG00000172171	100.627827	-0.30528513	0.22807808	0.10325087	0.25526319	TEFM
28998	ENSG00000172172	363.848654	0.14874045	0.13735316	0.24610954	0.46538442	MRPL13
10892	ENSG00000172175	460.270467	0.13344777	0.12616675	0.26268392	0.48471437	MALT1
5617	ENSG00000172179	0.67639953	-0.00104602	0.38188924	0.9880707	NA	PRL
3669	ENSG00000172183	16.8228166	-0.01961518	0.34704511	0.889494	0.95181279	ISG20
NA	ENSG00000172186	0	NA	NA	NA	NA	HMGNI1P35
219429	ENSG00000172188	0	NA	NA	NA	NA	OR4C11
154141	ENSG00000172197	269.912577	0.87820442	0.1586165	4.91E-09	7.69E-08	MBOAT1
219417	ENSG00000172199	0	NA	NA	NA	NA	OR8U1
3400	ENSG00000172201	15.2390727	0.35556084	0.48479268	0.101164	0.25142098	ID4
119764	ENSG00000172208	0	NA	NA	NA	NA	OR4X2
2845	ENSG00000172209	29.0942494	1.46536138	0.7146591	0.00170426	0.00935593	GPR22
10663	ENSG00000172215	3.47099464	0.01355262	0.36773504	0.90348704	0.95785538	CXCR6
1051	ENSG00000172216	226.177126	0.48886494	0.45949714	0.05792877	0.1668564	CEBPB
566	ENSG00000172232	10.0282826	0.43219562	0.64400011	0.04446555	0.13591073	AZU1

7177	ENSG00000172236	0	NA	NA	NA	NA	TPSAB1
474	ENSG00000172238	1.37372765	0.03116858	0.37977055	0.665074	NA	ATOH1
10605	ENSG00000172239	1965.79285	0.12446381	0.07950923	0.10950568	0.26621648	PAIP1
64581	ENSG00000172243	0	NA	NA	NA	NA	CLEC7A
375444	ENSG00000172244	207.080718	-0.21687268	0.19500616	0.19675106	0.40043787	C5orf34
114900	ENSG00000172247	60.5534006	0.18708057	0.26104811	0.34381534	0.57418319	C1QTNF4
94009	ENSG00000172250	4.0452977	-0.18037811	0.42691959	0.12357611	0.2912855	SERHL
257194	ENSG00000172260	208.410673	-2.00292794	0.19141595	9.75E-27	4.95E-25	NEGR1
7690	ENSG00000172262	695.526697	0.01412002	0.09560056	0.87903551	0.94641763	ZNF131
140733	ENSG00000172264	87.70858	0.2963022	0.2647344	0.14436164	0.32440083	MACROD2
1798	ENSG00000172269	975.131398	0.37741573	0.10474862	0.00017449	0.00125705	DPAGT1
682	ENSG00000172270	8014.21055	0.12521965	0.05595837	0.02408481	0.08463382	BSG
25988	ENSG00000172273	478.609482	0.17238459	0.10863316	0.09762338	0.24473689	HINFP
NA	ENSG00000172283	0	NA	NA	NA	NA	PRYP4
9085	ENSG00000172288	0	NA	NA	NA	NA	CDY1
390201	ENSG00000172289	0	NA	NA	NA	NA	OR10V1
253782	ENSG00000172292	3125.76533	-0.37615966	0.06290099	1.27E-09	2.16E-08	CERS6
NA	ENSG00000172294	0	NA	NA	NA	NA	CSPG4P4Y
55304	ENSG00000172296	0	NA	NA	NA	NA	SPTLC3
NA	ENSG00000172297	0	NA	NA	NA	NA	GOLGA2P3Y
55352	ENSG00000172301	391.437589	-0.36597092	0.12001793	0.00128941	0.00735746	COPRS
112858	ENSG00000172315	407.892875	-0.28940496	0.11659394	0.00893909	0.03780678	TP53RK
8708	ENSG00000172318	51.2415604	-0.66602701	0.33194508	0.00817585	0.0351863	B3GALT1
219982	ENSG00000172320	0	NA	NA	NA	NA	OR5A1
160364	ENSG00000172322	0	NA	NA	NA	NA	CLEC12A
219981	ENSG00000172324	0	NA	NA	NA	NA	OR5A2
669	ENSG00000172331	509.629	0.05363039	0.12150777	0.64266454	0.82136499	BPGM
10248	ENSG00000172336	786.443095	-0.19938538	0.09008896	0.02221393	0.07919574	POP7
199857	ENSG00000172339	124.996089	-0.09200708	0.35534349	0.55716098	0.76256028	ALG14
8801	ENSG00000172340	373.559499	0.53812094	0.12700978	7.91E-06	7.65E-05	SUCLG2
NA	ENSG00000172342	0	NA	NA	NA	NA	CSPG4P3Y
80765	ENSG00000172345	53.9746848	0.18588751	0.31215411	0.35825779	0.58854144	STARD5
27254	ENSG00000172346	81.5559032	-0.24015253	0.22682521	0.19572402	0.39935567	CSDC2
10231	ENSG00000172348	0	NA	NA	NA	NA	RCAN2
3603	ENSG00000172349	5.39595836	0.22582536	0.46225505	0.06570791	0.18315081	IL16
64137	ENSG00000172350	46.3367579	0.63666288	0.39488042	0.01790484	0.06666016	ABCG4
253175	ENSG00000172352	0	NA	NA	NA	NA	CDY1B
2783	ENSG00000172354	5221.91239	-0.12535231	0.05709061	0.02644027	0.09096149	GNB2

220136	ENSG00000172361	13.2840674	0.28094344	0.43093775	0.15851085	0.34569581	CFAP53
390191	ENSG00000172362	0	NA	NA	NA	NA	OR5B12
390190	ENSG00000172365	0	NA	NA	NA	NA	OR5B2
84331	ENSG00000172366	449.159389	-0.2564791	0.13544633	0.0421069	0.13069475	MCRIP2
79849	ENSG00000172367	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PDZD3
9854	ENSG00000172375	585.3053	0.07578071	0.10254087	0.44355137	0.66854511	C2CD2L
219954	ENSG00000172377	0	NA	NA	NA	NA	OR9I1
9915	ENSG00000172379	1816.62644	-0.09641217	0.08022726	0.21859274	0.43050004	ARNT2
55970	ENSG00000172380	1207.19986	0.06656568	0.07960801	0.39315537	0.62217456	GNG12
83886	ENSG00000172382	173.601398	1.03251415	0.22184528	3.81E-07	4.63E-06	PRSS27
51778	ENSG00000172399	10.301981	1.73933444	0.97081261	0.00288469	0.01463366	MYOZ2
171024	ENSG00000172403	3937.61208	0.61072641	0.05704543	3.02E-27	1.55E-25	SYNPO2
150353	ENSG00000172404	4.48924974	0.28052433	0.51469847	0.04671602	0.14135211	DNAJB7
10978	ENSG00000172409	241.235435	-0.13599692	0.14957242	0.32200375	0.54960035	CLP1
10022	ENSG00000172410	0.16735865	0.01897177	0.38482933	0.78225479	NA	INSL5
146779	ENSG00000172421	0	NA	NA	NA	NA	EFCAB3
143941	ENSG00000172425	17.9661746	-0.02520142	0.31757349	0.88647	0.95015905	TTC36
221421	ENSG00000172426	15.2062442	0.13922598	0.34371785	0.45213255	0.67536839	RSPH9
150678	ENSG00000172428	417.431076	0.002379	0.11672495	0.98416267	0.99453916	COPS9
54676	ENSG00000172432	1459.47081	-0.05087283	0.0901351	0.56079621	0.76437187	GTPBP2
55277	ENSG00000172456	64.4940333	-0.81157077	0.30896228	0.00121712	0.00700743	FGGY
283189	ENSG00000172457	0	NA	NA	NA	NA	OR9G4
53342	ENSG00000172458	76.1793902	-0.96274499	0.30977436	0.00021718	0.00153162	IL17D
219493	ENSG00000172459	0	NA	NA	NA	NA	OR5AR1
124221	ENSG00000172460	0	NA	NA	NA	NA	PRSS30P
10690	ENSG00000172461	465.6709	-0.37538557	0.12936478	0.00200947	0.01074897	FUT9
338675	ENSG00000172464	0	NA	NA	NA	NA	OR5AP2
9338	ENSG00000172465	144.504103	-0.09483494	0.17606298	0.54350962	0.75149877	TCEAL1
7572	ENSG00000172466	2615.14411	-0.24414836	0.0630192	8.39E-05	0.00064987	ZNF24
86614	ENSG00000172468	0	NA	NA	NA	NA	HSFY1
79694	ENSG00000172469	405.224806	0.01564316	0.12977321	0.89889484	0.95556135	MANEA
142684	ENSG00000172476	55.2378656	0.02120891	0.24694939	0.91248756	0.96260718	RAB40A
79919	ENSG00000172478	0	NA	NA	NA	NA	MAB21L4
189	ENSG00000172482	0	NA	NA	NA	NA	AGXT
219477	ENSG00000172487	0	NA	NA	NA	NA	OR8J1
390154	ENSG00000172489	0	NA	NA	NA	NA	OR5T3
4299	ENSG00000172493	788.796244	-0.13856131	0.10845845	0.18147421	0.37887491	AFF1
134526	ENSG00000172497	0.36240779	0.00094427	0.38336464	0.96688599	NA	ACOT12

9158	ENSG00000172500	1206.24246	0.00961854	0.07725663	0.89971504	0.95564128	FIBP
57571	ENSG00000172508	17.3609886	0.5102489	0.63636377	0.04213557	0.13072239	CARNS1
284433	ENSG00000172519	0	NA	NA	NA	NA	OR10H5
54971	ENSG00000172530	458.950671	0.15631567	0.12095898	0.17276945	0.36566523	BANP
5499	ENSG00000172531	2813.05143	-0.1548693	0.06158689	0.01073154	0.04393598	PPP1CA
3054	ENSG00000172534	5352.28426	-0.02370377	0.06379516	0.73274494	0.87239916	HCFC1
170370	ENSG00000172538	0	NA	NA	NA	NA	FAM170B
1521	ENSG00000172543	0.29863895	-0.02292439	0.3852726	0.68753245	NA	CTSW
348938	ENSG00000172548	139.768394	0.71828595	0.20440736	8.97E-05	0.00069156	NIPAL4
118430	ENSG00000172551	0	NA	NA	NA	NA	MUCL1
54221	ENSG00000172554	9.02195092	4.1466744	1.32573523	7.18E-05	0.00056816	SNTG2
408263	ENSG00000172568	0.30139824	-0.02296476	0.38527817	0.68536535	NA	FNDC9
5139	ENSG00000172572	3604.16999	1.29947669	0.07552859	2.56E-67	3.97E-65	PDE3A
10125	ENSG00000172575	139.587435	-0.07822945	0.18102318	0.62325737	0.8078282	RASGRP1
89857	ENSG00000172578	0	NA	NA	NA	NA	KLHL6
118487	ENSG00000172586	448.615182	-0.34796351	0.1250031	0.00315705	0.01580516	CHCHD1
122704	ENSG00000172590	821.092939	0.05570466	0.0928173	0.53681991	0.74734999	MRPL52
10924	ENSG00000172594	0	NA	NA	NA	NA	SMPDL3A
27289	ENSG00000172602	32.5787561	0.33082091	0.37371492	0.14236717	0.32117652	RND1
5883	ENSG00000172613	373.421877	0.19255865	0.14162205	0.14275076	0.32165532	RAD9A
30008	ENSG00000172638	447.171516	0.36101528	0.12878797	0.00287784	0.01461386	EFEMP2
121275	ENSG00000172640	3.08338977	0.09510866	0.38516411	0.37680598	0.60570261	OR10AD1
729092	ENSG00000172650	154.312881	0.29525466	0.22035844	0.10702325	0.26200528	AGAP5
253725	ENSG00000172661	867.520848	0.15776678	0.09133677	0.07509501	0.20160826	WASHC2C
80194	ENSG00000172663	281.771099	0.79224471	0.17055648	6.09E-07	7.17E-06	TMEM134
64393	ENSG00000172667	1141.69091	0.1251132	0.08864999	0.14669226	0.32786991	ZMAT3
93550	ENSG00000172671	161.944445	-0.01566897	0.19679982	0.9246627	0.96862095	ZFAND4
387357	ENSG00000172673	0	NA	NA	NA	NA	THEMIS
4342	ENSG00000172680	0	NA	NA	NA	NA	MOS
148203	ENSG00000172687	546.259974	-0.09528306	0.12021099	0.40294055	0.63099498	ZNF738
341116	ENSG00000172689	0	NA	NA	NA	NA	MS4A10
91607	ENSG00000172716	0.32334531	0.00163257	0.38337096	0.96545193	NA	SLFN11
161142	ENSG00000172717	0.35361408	0.0039586	0.38341258	0.93089565	NA	FAM71D
6363	ENSG00000172724	0	NA	NA	NA	NA	CCL19
57175	ENSG00000172725	1192.98626	0.12888733	0.0834008	0.11349355	0.27336554	CORO1B
84750	ENSG00000172728	165.067078	0.1472793	0.17674803	0.3479	0.57861815	FUT10
55222	ENSG00000172731	672.45122	0.16662256	0.0973193	0.07642107	0.20422871	LRRC20
80198	ENSG00000172732	925.862125	0.36318036	0.09770531	0.00011753	0.00087928	MUS81

29942	ENSG00000172733	187.123476	-0.00091139	0.15707826	0.99390824	0.99814114	PURG
221468	ENSG00000172738	8.12619093	0.11687337	0.38743757	0.33861847	0.56890427	TMEM217
390199	ENSG00000172742	0.29863895	-0.02292439	0.3852726	0.68753245	NA	OR4D9
NA	ENSG00000172746	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL12P13
169270	ENSG00000172748	183.045825	0.15675279	0.19056113	0.34365631	0.57400025	ZNF596
256076	ENSG00000172752	0.16735865	0.01897177	0.38482933	0.78225479	NA	COL6A5
1072	ENSG00000172757	17996.4755	0.04105983	0.04816907	0.39146623	0.62088815	CFL1
23023	ENSG00000172765	435.550662	0.12111767	0.12954152	0.32053143	0.54831381	TMCC1
79612	ENSG00000172766	804.175179	0.00739657	0.10650363	0.94336663	0.97689827	NAA16
441608	ENSG00000172769	0	NA	NA	NA	NA	OR5B3
90288	ENSG00000172771	4.95306072	0.04635511	0.36504001	0.71280271	0.86173942	EFCAB12
81341	ENSG00000172772	0	NA	NA	NA	NA	OR10W1
80011	ENSG00000172775	1509.96302	-0.01383947	0.07566174	0.85130655	0.93275912	PSME3IP1
339122	ENSG00000172780	60.5350603	1.39246937	0.33479869	2.67E-06	2.81E-05	RAB43
283985	ENSG00000172782	6.1119881	-0.05032637	0.36522035	0.68613149	0.8472712	FADS6
55871	ENSG00000172785	431.272381	-0.02748879	0.11314877	0.79853056	0.90769144	CBWD1
3222	ENSG00000172789	131.583363	-0.59725324	0.23447493	0.00274454	0.01404842	HOXC5
326624	ENSG00000172794	1.30199031	-0.08404756	0.39649408	0.11552913	NA	RAB37
167227	ENSG00000172795	1926.22128	0.02250076	0.10363978	0.82272283	0.91918127	DCP2
NA	ENSG00000172799	0	NA	NA	NA	NA	ZBTB8OSP2
254122	ENSG00000172803	143.912883	0.22872861	0.18647452	0.16109501	0.34915229	SNX32
6169	ENSG00000172809	9033.85189	-0.13299796	0.05493485	0.01564561	0.05964814	RPL38
9420	ENSG00000172817	246.232395	-0.02913342	0.15712991	0.83787223	0.92628758	CYP7B1
5017	ENSG00000172818	0.37844916	0.02407552	0.3854191	0.60038877	NA	OVOL1
5916	ENSG00000172819	886.974119	0.40100685	0.08876425	3.31E-06	3.43E-05	RARG
283848	ENSG00000172824	96.5527907	0.2893324	0.22772166	0.12194078	0.28873433	CES4A
23491	ENSG00000172828	40.9436801	0.9879794	0.42743183	0.00187718	0.01012594	CES3
54961	ENSG00000172830	256.137612	0.18552912	0.15074346	0.18032922	0.37720159	SSH3
8824	ENSG00000172831	817.295026	0.15468381	0.1191719	0.17177561	0.36432905	CES2
57546	ENSG00000172840	565.863951	-0.01362096	0.1513797	0.91168578	0.96237542	PDP2
6670	ENSG00000172845	1996.22077	-0.1570005	0.06779602	0.01828135	0.06760522	SP3
3849	ENSG00000172867	0	NA	NA	NA	NA	KRT2
1657	ENSG00000172869	815.008121	-0.43007092	0.12771633	0.00034912	0.00234635	DMXL1
254042	ENSG00000172878	196.128049	-0.00684744	0.17328376	0.96342409	0.98545957	METAP1D
285268	ENSG00000172888	1117.18726	0.02584606	0.08150412	0.74581406	0.8802926	ZNF621
51162	ENSG00000172889	477.999809	-0.16593578	0.11393509	0.12621792	0.29554626	EGFL7
55191	ENSG00000172890	644.794708	0.5534381	0.11523169	5.27E-07	6.27E-06	NADSYN1
1717	ENSG00000172893	2027.59417	-0.66758228	0.08897977	1.60E-14	4.19E-13	DHCR7

399923	ENSG00000172900	0	NA	NA	NA	NA	ACTE1P
206338	ENSG00000172901	9.31475304	0.0590432	0.3643685	0.64402801	0.82223396	LVRN
NA	ENSG00000172912	0	NA	NA	NA	NA	COX6B1P3
26960	ENSG00000172915	3096.40872	0.52981409	0.05963499	2.43E-19	8.78E-18	NBEA
84153	ENSG00000172922	1284.02081	-0.13337976	0.07450885	0.06770654	0.18698467	RNASEH2C
26579	ENSG00000172927	1.08299052	0.03431385	0.38421053	0.57393189	NA	MYEOV
338692	ENSG00000172932	867.789023	0.15263208	0.09078693	0.0833026	0.21789368	ANKRD13D
116535	ENSG00000172935	1.78698867	-0.0040706	0.37779845	0.95394306	NA	MRGPRF
4615	ENSG00000172936	769.41061	0.08399494	0.09181794	0.3474427	0.57819389	MYD88
116512	ENSG00000172938	0.49044334	0.01388611	0.38307155	0.76199047	NA	MRGPRD
9943	ENSG00000172939	1517.96541	0.00633168	0.0847551	0.9394831	0.97474024	OXSR1
9390	ENSG00000172940	1.37620723	0.00697379	0.37804349	0.92248536	NA	SLC22A13
23133	ENSG00000172943	1120.42421	-0.12665986	0.0847799	0.12547187	0.29435597	PHF8
253558	ENSG00000172954	682.230172	-0.42756445	0.1349716	0.00071493	0.00440625	LCLAT1
130	ENSG00000172955	4.59289199	0.1432414	0.40265933	0.23067844	0.44663416	ADH6
541471	ENSG00000172965	52.1884114	-0.77585133	0.37354431	0.00517427	0.02392393	MIR4435-2HG
150165	ENSG00000172967	0	NA	NA	NA	NA	XKR3
100288801	ENSG00000172969	0.84210987	0.01615443	0.38118446	0.77437227	NA	FRG2C
NA	ENSG00000172971	1.54598581	0.09392177	0.39689612	0.14890243	NA	UNC93B3
NA	ENSG00000172974	2.6369726	-0.20165643	0.46175246	0.00878606	0.03728674	VDAC2P5
10524	ENSG00000172977	635.73658	0.05900082	0.10178921	0.54827885	0.75480124	KAT5
344558	ENSG00000172985	44.5855955	-0.07283601	0.25996874	0.7041044	0.85774517	SH3RF3
727936	ENSG00000172986	72.5520704	2.05139103	0.30380653	9.99E-13	2.28E-11	GXYLT2
60495	ENSG00000172987	11.0496166	7.31307848	2.66398423	3.68E-07	4.50E-06	HPSE2
79877	ENSG00000172992	1233.98632	0.12517338	0.09267187	0.16406869	0.35339516	DCAKD
10777	ENSG00000172995	11.9847789	-0.08982225	0.35934523	0.54618061	0.75345287	ARPP21
93624	ENSG00000173011	485.484342	0.00229331	0.1434622	0.98745689	0.99588983	TADA2B
257236	ENSG00000173013	6.34400257	0.21774352	0.43814425	0.14155115	0.3199443	CCDC96
156	ENSG00000173020	1501.69032	-0.1961131	0.07109985	0.00493434	0.02298598	GRK2
5970	ENSG00000173039	1451.37746	-0.08795868	0.08054756	0.26344715	0.48542909	RELA
132884	ENSG00000173040	51.3746475	-0.08479279	0.2576998	0.65875846	0.83073135	EVC2
340252	ENSG00000173041	531.194794	0.16710411	0.12543903	0.15825033	0.3453764	ZNF680
283450	ENSG00000173064	4159.7452	-0.04567721	0.06376753	0.4670939	0.69008437	HECTD4
55731	ENSG00000173065	606.941008	0.16212557	0.10132088	0.09668498	0.24306007	FAM222B
54796	ENSG00000173068	35.9050392	-0.30382836	0.41046983	0.15133049	0.33531348	BNC2
NA	ENSG00000173077	0.94820793	-0.01598938	0.38145775	0.77103862	NA	DELEC1
339403	ENSG00000173080	3.85861295	0.14283707	0.40568929	0.20222942	0.40778604	RXFP4
10855	ENSG00000173083	0	NA	NA	NA	NA	HPSE

27235	ENSG00000173085	121.926149	0.03831113	0.20210748	0.82409885	0.92009686	COQ2
160762	ENSG00000173093	0	NA	NA	NA	NA	CCDC63
3310	ENSG00000173110	0	NA	NA	NA	NA	HSPA6
51504	ENSG00000173113	3153.42723	-0.03957748	0.06254516	0.5213781	0.73486829	TRMT112
54674	ENSG00000173114	403.954394	1.57885376	0.14400068	5.13E-29	2.85E-27	LRRN3
22992	ENSG00000173120	1817.18544	0.11944993	0.08663526	0.15691254	0.34373985	KDM2A
142827	ENSG00000173124	0	NA	NA	NA	NA	ACSM6
203054	ENSG00000173137	171.352177	0.20388128	0.18116909	0.20224872	0.40778604	ADCK5
78988	ENSG00000173141	643.137685	-0.12256858	0.09987243	0.20286784	0.40878509	MRPL57
64318	ENSG00000173145	806.673192	-0.47714737	0.09564507	2.56E-07	3.20E-06	NOC3L
2101	ENSG00000173153	812.98635	-0.06880129	0.10221692	0.48338343	0.70370318	ESRRA
29984	ENSG00000173156	0	NA	NA	NA	NA	RHOD
80070	ENSG00000173157	37.644992	0.25334764	0.31011519	0.23138603	0.44769835	ADAMTS20
150684	ENSG00000173163	136.205017	0.04880888	0.18553935	0.76470981	0.8916054	COMMD1
65059	ENSG00000173166	688.564088	-0.33691056	0.11978464	0.00297824	0.01503914	RAPH1
4580	ENSG00000173171	828.451482	0.14646896	0.10143732	0.1340677	0.30828734	MTX1
111	ENSG00000173175	183.834542	-0.47799769	0.19708789	0.00562863	0.02571904	ADCY5
54625	ENSG00000173193	287.198605	0.50994112	0.15409833	0.00033626	0.00226841	PARP14
10800	ENSG00000173198	0.33471731	0.02354391	0.38534154	0.62842204	NA	CYSLTR1
165631	ENSG00000173200	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PARP15
1163	ENSG00000173207	2772.48252	0.02708844	0.0613269	0.65503526	0.82823884	CKS1B
225	ENSG00000173208	709.09776	0.247824	0.1051477	0.01404708	0.05473174	ABCD2
130872	ENSG00000173209	1454.48198	0.31377065	0.0863292	0.00018504	0.00132546	AHSA2P
22885	ENSG00000173210	21.1518038	0.4157182	0.45959747	0.08517653	0.2214571	ABLIM3
126868	ENSG00000173212	3.03057773	0.09276338	0.38544275	0.37630055	0.60526384	MAB21L3
260334	ENSG00000173213	0.87518259	-0.02812402	0.38332521	0.55074935	NA	TUBB8B
91749	ENSG00000173214	469.493442	-0.16892399	0.15374681	0.22864697	0.44394937	MFSD4B
81839	ENSG00000173218	445.096979	0.31569106	0.11894101	0.00512219	0.02371628	VANGL1
2745	ENSG00000173221	51.5303908	-0.25671334	0.28509028	0.21375541	0.4238788	GLRX
9657	ENSG00000173226	473.171384	0.36044578	0.12415812	0.00211567	0.01122516	IQCB1
91683	ENSG00000173227	1.53927943	0.02803555	0.38109342	0.65873963	NA	SYT12
2804	ENSG00000173230	1907.52814	-0.04191634	0.08596317	0.615819	0.8030134	GOLGB1
NA	ENSG00000173231	0	NA	NA	NA	NA	TERF1P1
254439	ENSG00000173237	0	NA	NA	NA	NA	C11orf86
340654	ENSG00000173239	0	NA	NA	NA	NA	LIPM
134391	ENSG00000173250	0	NA	NA	NA	NA	GPR151
10655	ENSG00000173253	0	NA	NA	NA	NA	DMRT2
158399	ENSG00000173258	333.340359	-0.1419734	0.15639469	0.31809683	0.54567516	ZNF483

153770	ENSG00000173261	16.2589978	0.05065891	0.32854927	0.7736427	0.8959822	PLAC8L1
144195	ENSG00000173262	0	NA	NA	NA	NA	SLC2A14
56834	ENSG00000173264	572.836683	0.15737088	0.12164236	0.17193662	0.36452474	GPR137
6623	ENSG00000173267	0.173733	0.01914545	0.38484597	0.78225479	NA	SNCG
79812	ENSG00000173269	1.4613793	-0.06232146	0.38500179	0.40217421	NA	MMRN2
653784	ENSG00000173272	837.149445	-0.15370986	0.08632573	0.06719949	0.18607646	MZT2A
8658	ENSG00000173273	2970.13628	-0.15902615	0.06230501	0.00948751	0.03974498	TNKS
203523	ENSG00000173275	159.141029	0.02465899	0.17150017	0.87366133	0.94441388	ZNF449
49854	ENSG00000173276	551.446363	-0.46939394	0.12130635	4.58E-05	0.00037907	ZBTB21
79660	ENSG00000173281	1218.79387	-0.40719256	0.08537651	9.55E-07	1.09E-05	PPP1R3B
391109	ENSG00000173285	0	NA	NA	NA	NA	OR10K1
286042	ENSG00000173295	142.637573	0.38787527	0.19619774	0.02323865	0.08218445	FAM86B3P
344561	ENSG00000173302	0.74831009	-0.04237872	0.38743592	0.3510469	NA	GPR148
56977	ENSG00000173320	1450.30554	0.24038797	0.10608878	0.01821414	0.06741028	STOX2
4296	ENSG00000173327	1039.22008	0.21805874	0.08917111	0.01158338	0.04681489	MAP3K11
10221	ENSG00000173334	246.289707	-0.04083296	0.16330782	0.78122745	0.90003181	TRIB1
128822	ENSG00000173335	0	NA	NA	NA	NA	CST9
10089	ENSG00000173338	7.00761611	0.0952657	0.3700009	0.49464406	0.71350347	KCNK7
84826	ENSG00000173349	54.9052306	-0.01399833	0.38367646	0.69005226	0.84966405	SFT2D3
NA	ENSG00000173357	0	NA	NA	NA	NA	
NA	ENSG00000173366	5.51001601	0.24021459	0.47413587	0.06082522	0.17318776	
713	ENSG00000173369	0	NA	NA	NA	NA	C1QB
712	ENSG00000173372	0	NA	NA	NA	NA	C1QA
79625	ENSG00000173376	65.1572149	1.82321487	0.3310653	2.49E-09	4.06E-08	NDNF
132141	ENSG00000173389	0.37844916	0.02407552	0.3854191	0.60038877	NA	IQCF1
4973	ENSG00000173391	0	NA	NA	NA	NA	OLR1
256710	ENSG00000173401	4.6483808	0.00608348	0.36287963	0.96135857	0.98422798	GLIPR1L1
1605	ENSG00000173402	2246.68062	-0.13733007	0.06626873	0.03520976	0.11384642	DAG1
3642	ENSG00000173404	1.53892252	0.04892919	0.38152842	0.52454881	NA	INSM1
1600	ENSG00000173406	25.394526	-3.00639689	0.64488049	1.76E-07	2.25E-06	DAB1
64801	ENSG00000173409	421.986335	-0.04955694	0.12678072	0.67789499	0.84273994	ARV1
51126	ENSG00000173418	683.512073	-0.07405616	0.09294903	0.40973612	0.63778163	NAA20
339834	ENSG00000173421	1.09660671	0.03490317	0.38340376	0.52786228	NA	IHO1
122665	ENSG00000173431	0	NA	NA	NA	NA	RNASE8
6288	ENSG00000173432	0	NA	NA	NA	NA	SAA1
440574	ENSG00000173436	666.916446	-0.25671964	0.1302298	0.03523801	0.11391919	MICOS10
254102	ENSG00000173442	824.197775	1.44126244	0.11377624	7.34E-38	5.35E-36	EHBP1L1
83591	ENSG00000173451	324.283578	0.07363066	0.13438584	0.55824278	0.76291851	THAP2

256130	ENSG00000173452	0.50634052	0.03067938	0.38601017	0.48443161	NA	TMEM196
79102	ENSG00000173456	1077.52259	-0.05708613	0.07796014	0.457056	0.68052466	RNF26
26472	ENSG00000173457	2745.48148	0.02410691	0.06444431	0.70530484	0.85803894	PPP1R14B
122651	ENSG00000173464	0	NA	NA	NA	NA	RNASE11
10534	ENSG00000173465	400.843313	-0.00120124	0.12784389	0.99106209	0.99704234	ZNRD2
155465	ENSG00000173467	0	NA	NA	NA	NA	AGR3
6599	ENSG00000173473	6850.15966	0.16973483	0.05524234	0.00191248	0.01027725	SMARCC1
147687	ENSG00000173480	399.735216	-0.20675886	0.14066584	0.1126622	0.27179207	ZNF417
5797	ENSG00000173482	509.59629	-1.37829252	0.14415346	9.63E-23	4.14E-21	PTPRM
2286	ENSG00000173486	484.564506	0.06360256	0.11370406	0.55871597	0.76342457	FKBP2
7423	ENSG00000173511	828.457558	0.14487587	0.10413693	0.14800575	0.33012187	VEGFB
79834	ENSG00000173517	1035.85016	0.22295387	0.11937843	0.04877259	0.14617043	PEAK1
8793	ENSG00000173530	0.173733	0.01914545	0.38484597	0.78225479	NA	TNFRSF10D
4485	ENSG00000173531	263.816129	0.877307	0.19525256	1.05E-06	1.18E-05	MST1
8794	ENSG00000173535	0.44795842	-0.02501848	0.38558245	0.5807882	NA	TNFRSF10C
29925	ENSG00000173540	867.138815	0.22154859	0.10094496	0.02265601	0.08051141	GMPPB
92597	ENSG00000173542	1232.54862	-0.25764419	0.08371866	0.00157642	0.00875104	MOB1B
90441	ENSG00000173545	513.314364	-0.0203314	0.11063472	0.8469648	0.93052693	ZNF622
1464	ENSG00000173546	77.2891716	0.25638786	0.24691596	0.18882468	0.38950735	CSPG4
257364	ENSG00000173548	1025.88579	0.22137238	0.08450011	0.00715632	0.03148844	SNX33
339778	ENSG00000173557	15.6116354	-0.56046615	0.64095222	0.039883	0.12512313	FAM166C
64859	ENSG00000173559	47.1707612	-0.33519397	0.31673225	0.12672374	0.29648573	NABP1
165082	ENSG00000173567	13.2380406	0.03799265	0.334483	0.82333928	0.91945578	ADGRF3
126204	ENSG00000173572	0	NA	NA	NA	NA	NLRP13
1106	ENSG00000173575	2836.08718	0.10352498	0.08260904	0.19918748	0.40366492	CHD2
2829	ENSG00000173578	1.03543838	0.02903081	0.38173321	0.63000381	NA	XCR1
29903	ENSG00000173581	573.835455	-0.03244221	0.11360385	0.76445748	0.89148768	CCDC106
10803	ENSG00000173585	0.173733	0.01914545	0.38484597	0.78225479	NA	CCR9
51134	ENSG00000173588	294.514658	0.30645777	0.15517078	0.03057977	0.10189834	CEP83
27284	ENSG00000173597	0.50854511	0.03078872	0.38602082	0.48278419	NA	SULT1B1
11163	ENSG00000173598	1454.25714	0.30428108	0.08110241	0.00012026	0.00089661	NUDT4
5091	ENSG00000173599	991.277983	0.01572589	0.0854007	0.85143798	0.93275912	PC
10941	ENSG00000173610	0	NA	NA	NA	NA	UGT2A1
286205	ENSG00000173611	507.428652	-0.19301958	0.11895512	0.08681738	0.22465852	SCAI
222545	ENSG00000173612	0	NA	NA	NA	NA	GPRC6A
64802	ENSG00000173614	191.582347	0.17544258	0.18440116	0.27903868	0.50351318	NMNAT1
78999	ENSG00000173621	809.972551	-0.41498465	0.10256889	2.60E-05	0.00022751	LRFN4
100128327	ENSG00000173626	0	NA	NA	NA	NA	TRAPPC3L

403314	ENSG00000173627	0.16735865	0.01897177	0.38482933	0.78225479	NA	APOBEC4
6573	ENSG00000173638	1192.92682	-0.21542237	0.08984795	0.01343933	0.05286207	SLC19A1
27129	ENSG00000173641	89.139932	-1.08478882	0.29532572	2.37E-05	0.00020971	HSPB7
9986	ENSG00000173653	412.472314	-0.01114984	0.11342001	0.91637747	0.96450552	RCE1
7388	ENSG00000173660	5146.50585	-0.08401407	0.05460859	0.11969438	0.28467232	UQCRH
80835	ENSG00000173662	1.19363074	-0.00731775	0.37939456	0.90922581	NA	TAS1R1
390992	ENSG00000173673	0.31646653	0.00081478	0.38336468	0.9700455	NA	HES3
1964	ENSG00000173674	2473.79619	-0.13762596	0.06772378	0.03877614	0.12260057	EIF1AX
100310812	ENSG00000173678	6.43363564	0.0312741	0.38672691	0.11258499	0.27178103	SPDYE2B
26737	ENSG00000173679	0	NA	NA	NA	NA	OR1L1
256643	ENSG00000173681	253.631495	-0.17819385	0.16808439	0.23655851	0.45337334	BCLAF3
5707	ENSG00000173692	2059.08397	-0.01176204	0.0951562	0.89750959	0.95508423	PSMD1
10149	ENSG00000173698	22.8577788	0.25112942	0.35654103	0.23330171	0.45017563	ADGRG2
130560	ENSG00000173699	0	NA	NA	NA	NA	SPATA3
56667	ENSG00000173702	0.52119901	0.02576573	0.38568143	0.51723676	NA	MUC13
26032	ENSG00000173705	31.0289255	1.5014769	0.50875703	0.00019518	0.00139235	SUSD5
57493	ENSG00000173706	236.866546	1.2939322	0.17494266	1.30E-14	3.43E-13	HEG1
124857	ENSG00000173714	4.03003492	-0.05584076	0.37532679	0.58405284	0.78020525	WFIKKN2
79703	ENSG00000173715	245.871032	0.29994512	0.16541011	0.0445237	0.13604654	C11orf80
9804	ENSG00000173726	10106.1511	-0.24972486	0.04721458	9.11E-08	1.21E-06	TOMM20
NA	ENSG00000173727	19.453169	-0.16705312	0.34123378	0.386521	0.61565323	
200159	ENSG00000173728	1.91344469	-0.0070394	0.3760225	0.92942498	NA	C1orf100
3267	ENSG00000173744	1146.4842	-0.1541323	0.08815627	0.0721622	0.1956941	AGFG1
6777	ENSG00000173757	1742.49418	0.25024477	0.08197571	0.00174654	0.00954158	STAT5B
924	ENSG00000173762	1.29934018	0.09125185	0.39877176	0.09270252	NA	CD7
375337	ENSG00000173769	0	NA	NA	NA	NA	TOPAZ1
1267	ENSG00000173786	1943.92455	0.09517705	0.07222296	0.17972853	0.37629949	CNP
3728	ENSG00000173801	1462.3583	0.65896204	0.09256336	2.85E-13	6.72E-12	JUP
9001	ENSG00000173805	4.84920484	0.0396741	0.36348282	0.75482418	0.8858747	HAP1
91646	ENSG00000173809	7.17529182	-0.03087355	0.36188919	0.80142529	0.90902045	TDRD12
NA	ENSG00000173810	0	NA	NA	NA	NA	PPIAP7
100874114	ENSG00000173811	4.14839482	0.1287227	0.3942593	0.28445715	0.50967487	CCDC13-AS1
10209	ENSG00000173812	7093.66333	0.20505255	0.06411078	0.0011793	0.00682338	EIF1
284131	ENSG00000173818	468.012302	0.54291864	0.12546016	5.17E-06	5.17E-05	ENDOV
57674	ENSG00000173821	3490.51085	0.28985583	0.08904485	0.00081976	0.0049751	RNF213
220359	ENSG00000173825	75.7949162	0.19426028	0.2335348	0.3024423	0.52987991	TIGD3
81033	ENSG00000173826	97.8600851	-2.18656428	0.25941257	2.41E-18	8.27E-17	KCNH6
162333	ENSG00000173838	1.12816751	-0.02393095	0.38168695	0.67645623	NA	MARCHF10

1263	ENSG00000173846	165.283217	0.21177572	0.17894094	0.18145785	0.37887491	PLK3
10276	ENSG00000173848	943.47472	-0.28924513	0.09828947	0.00226431	0.0119067	NET1
23333	ENSG00000173852	1297.16522	-0.00257404	0.09097715	0.97540999	0.99139237	DPY19L1
NA	ENSG00000173862	1.03867714	-0.0343278	0.38474401	0.45647693	NA	
NA	ENSG00000173867	31.5855053	0.02900002	0.31450021	0.87491305	0.94487915	
162466	ENSG00000173868	0.51937201	-0.02557462	0.38567603	0.54680819	NA	PHOSPHO1
163049	ENSG00000173875	773.370756	0.08507487	0.13876973	0.5109983	0.72623254	ZNF791
80012	ENSG00000173889	802.082483	-0.01134266	0.09431853	0.89880937	0.95556135	PHC3
26996	ENSG00000173890	18.3429212	-0.13212974	0.3324401	0.48192153	0.70262515	GPR160
84733	ENSG00000173894	4269.08078	0.15357779	0.05483686	0.00465328	0.02189778	CBX2
6712	ENSG00000173898	4793.18964	-0.02762808	0.09003256	0.75148146	0.88344203	SPTBN2
27333	ENSG00000173905	2036.3951	0.02334712	0.06993384	0.73553832	0.87436071	GOLIM4
162605	ENSG00000173908	0	NA	NA	NA	NA	KRT28
83759	ENSG00000173914	690.828509	0.03146984	0.09615075	0.73610162	0.87476826	RBM4B
84833	ENSG00000173915	1037.35569	-0.20885556	0.08380926	0.0104364	0.04286918	ATP5MK
3212	ENSG00000173917	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HOXB2
114897	ENSG00000173918	163.499377	-0.93436301	0.20400038	6.30E-07	7.39E-06	C1QTNF1
115123	ENSG00000173926	60.6316742	-1.04773692	0.3665157	0.00038314	0.00254912	MARCHF3
126074	ENSG00000173928	43.3299626	0.01229418	0.25654576	0.95034777	0.97957708	SWSAP1
353189	ENSG00000173930	55.2730184	0.10321949	0.25899053	0.5959692	0.78826859	SLCO4C1
5936	ENSG00000173933	2647.66129	-0.24697828	0.07800943	0.00119351	0.00689552	RBM4
128344	ENSG00000173947	0	NA	NA	NA	NA	PIFO
152002	ENSG00000173950	790.826531	0.03133351	0.09523918	0.73545064	0.87432359	XXYLT1
NA	ENSG00000173954	0	NA	NA	NA	NA	SNURFL
165324	ENSG00000173960	865.365644	0.05610159	0.08823472	0.51415243	0.72921448	UBXN2A
NA	ENSG00000173966	0	NA	NA	NA	NA	
84839	ENSG00000173976	0	NA	NA	NA	NA	RAX2
220416	ENSG00000173988	29.1743014	0.23439677	0.34096136	0.26097252	0.48276874	LRRC63
8557	ENSG00000173991	23.3041162	0.05920391	0.30303805	0.7562025	0.88670553	TCAP
9973	ENSG00000173992	276.77501	0.21525118	0.15526842	0.12900096	0.30032609	CCS
375387	ENSG00000174004	45.3833886	1.09256958	0.40260715	0.00057475	0.00364546	NRROS
84984	ENSG00000174007	83.3230411	0.16734278	0.22094421	0.35891683	0.58923542	CEP19
80311	ENSG00000174010	286.785069	-0.37447609	0.13870738	0.0037336	0.01821386	KLHL15
200933	ENSG00000174013	1161.47419	-0.42358617	0.08564067	3.75E-07	4.57E-06	FBXO45
220082	ENSG00000174015	0	NA	NA	NA	NA	CBY2
169966	ENSG00000174016	0	NA	NA	NA	NA	TENT5D
2787	ENSG00000174021	1336.18427	0.30788144	0.08264191	0.00013202	0.00097444	GNG5
NA	ENSG00000174028	55.1751419	-0.2777742	0.30055743	0.18907498	0.38986152	FAM3C2P

253512	ENSG00000174032	218.67651	0.55114382	0.18356353	0.0008262	0.00500297	SLC25A30
138724	ENSG00000174038	3.49022519	0.04834291	0.3792808	0.55959225	0.76413192	C9orf131
947	ENSG00000174059	6.92931541	0.04957304	0.36180734	0.70499509	0.85803894	CD34
8722	ENSG00000174080	605.358415	0.48814439	0.11827567	1.47E-05	0.00013594	CTSF
253827	ENSG00000174099	79.0265256	7.22893452	0.83679429	1.84E-17	5.86E-16	MSRB3
23592	ENSG00000174106	538.229601	0.25325503	0.12092564	0.02691082	0.09224441	LEMD3
283951	ENSG00000174109	318.753615	0.04328015	0.1310062	0.72708853	0.86953012	C16orf91
81793	ENSG00000174123	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TLR10
7096	ENSG00000174125	7.6155168	0.1028715	0.37057426	0.46879507	0.69137681	TLR1
10333	ENSG00000174130	2.22155685	0.0613082	0.38165025	0.48097066	NA	TLR6
345757	ENSG00000174132	183.386744	0.46665431	0.17790774	0.00346373	0.01710316	FAM174A
285704	ENSG00000174136	1004.24228	-0.28138206	0.08248373	0.00046333	0.00302086	RGMB
152877	ENSG00000174137	103.711103	0.07903021	0.22472555	0.66650437	0.83560485	FAM53A
57495	ENSG00000174145	0	NA	NA	NA	NA	NWD2
284613	ENSG00000174151	255.442716	-0.00221192	0.16968945	0.98711278	0.99567688	CYB561D1
2940	ENSG00000174156	0	NA	NA	NA	NA	GSTA3
254359	ENSG00000174165	428.624349	-0.149356	0.12571641	0.20700334	0.41417369	ZDHHC24
NA	ENSG00000174171	2.54269252	-0.17296645	0.43485956	0.04234011	NA	
54931	ENSG00000174173	557.350517	-0.09795566	0.10312423	0.32328807	0.55093929	TRMT10C
6403	ENSG00000174175	0	NA	NA	NA	NA	SELP
348180	ENSG00000174177	324.139701	0.06978781	0.1316721	0.57340749	0.7729263	CTU2
23269	ENSG00000174197	2464.71239	-0.18688398	0.07810436	0.01419998	0.05519743	MGA
144577	ENSG00000174206	134.535725	-0.33368831	0.22626483	0.074199	0.19988632	C12orf66
392509	ENSG00000174225	0.70148749	0.00128865	0.38181396	0.97734568	NA	ARL13A
169166	ENSG00000174226	0.68271199	0.04027334	0.38711563	0.36252232	NA	SNX31
54872	ENSG00000174227	1178.02682	0.11504278	0.08711427	0.17504403	0.36892512	PIGG
10594	ENSG00000174231	11195.7811	-0.1261609	0.04822291	0.00831812	0.03567479	PRPF8
112	ENSG00000174233	2154.65697	0.02705083	0.06768236	0.68537161	0.8469494	ADCY6
387849	ENSG00000174236	7.49560803	0.20100517	0.41697988	0.19726982	0.40121304	REP15
5306	ENSG00000174238	1268.08161	-0.11313472	0.10824808	0.27484973	0.4987213	PITPNA
9416	ENSG00000174243	2310.6222	-0.08374463	0.10025373	0.38528975	0.61433325	DDX23
7634	ENSG00000174255	0.69197381	-0.00049013	0.38183012	0.99325142	NA	ZNF80
741	ENSG00000174276	220.84773	-0.06997984	0.15930368	0.62792558	0.81117654	ZNHIT2
344191	ENSG00000174279	3.00685641	0.23092792	0.4836506	0.01744236	0.0652444	EVX2
57659	ENSG00000174282	1018.46376	0.15810753	0.09069901	0.07255914	0.19642152	ZBTB4
8711	ENSG00000174292	60.2648844	0.13921265	0.24516385	0.46752744	0.69041597	TNK1
23051	ENSG00000174306	1052.69621	-0.05310363	0.10878481	0.6096291	0.79803651	ZHX3
23612	ENSG00000174307	525.024673	0.59742667	0.13264282	1.96E-06	2.11E-05	PHLDA3

NA	ENSG00000174325	0	NA	NA	NA	NA	DIRC1
162515	ENSG00000174326	4.15658738	0.04487263	0.36812958	0.70548522	0.85803894	SLC16A11
201232	ENSG00000174327	51.0276253	0.16866779	0.27958062	0.40085468	0.62929088	SLC16A13
148979	ENSG00000174332	11.0980439	-1.77998122	0.94778518	0.002463	0.01280216	GLIS1
134083	ENSG00000174339	0	NA	NA	NA	NA	OR2Y1
55584	ENSG00000174343	0	NA	NA	NA	NA	CHRNA9
127435	ENSG00000174348	15.0421397	0.23817275	0.39084471	0.22594115	0.44016814	PODN
378108	ENSG00000174353	766.913428	0.08276135	0.09101597	0.34962177	0.58007157	STAG3L3
340024	ENSG00000174358	0	NA	NA	NA	NA	SLC6A19
128439	ENSG00000174365	228.817742	0.29432759	0.15331523	0.03598936	0.11585132	SNHG11
NA	ENSG00000174370	17.0210227	-0.25376593	0.39758797	0.20095091	0.40615916	C11orf45
9156	ENSG00000174371	1598.34578	-0.5899588	0.0853102	1.44E-12	3.25E-11	EXO1
253959	ENSG00000174373	1324.83827	0.28352682	0.07896186	0.00023748	0.00165785	RALGAPA1
NA	ENSG00000174384	65.6321635	-0.03779666	0.23120083	0.83666564	0.9256885	PMS2P6
NA	ENSG00000174403	14.78654	0.18459528	0.38054412	0.29618461	0.52277154	MIR1-1HG-AS1
3981	ENSG00000174405	451.952561	-0.08702939	0.1162155	0.4486704	0.67234398	LIG4
NA	ENSG00000174407	1.22135173	-0.05687993	0.38754548	0.30779291	NA	MIR1-1HG
NA	ENSG00000174408	0	NA	NA	NA	NA	PPIAP24
7201	ENSG00000174417	7.79982031	0.18128896	0.40833187	0.2199424	0.43209275	TRHR
NA	ENSG00000174418	0	NA	NA	NA	NA	RPL35P9
389524	ENSG00000174428	600.718882	0.22001646	0.10679663	0.0316171	0.10460523	GTF2IRD2B
137735	ENSG00000174429	0	NA	NA	NA	NA	ABRA
488	ENSG00000174437	7347.54522	0.02634354	0.06087803	0.71192197	0.86156715	ATP2A2
55055	ENSG00000174442	982.641896	-0.44260029	0.09343567	1.01E-06	1.14E-05	ZWILCH
6124	ENSG00000174444	37387.6133	0.03474432	0.05254466	0.50797337	0.7237561	RPL4
10302	ENSG00000174446	149.846792	-0.10276247	0.17088273	0.50106451	0.71823711	SNAPC5
147323	ENSG00000174448	2.11408623	0.06968243	0.38387942	0.41946714	NA	STARD6
283685	ENSG00000174450	0	NA	NA	NA	NA	GOLGA6L2
402117	ENSG00000174453	0	NA	NA	NA	NA	VWC2L
400073	ENSG00000174456	320.040548	0.01750319	0.14225292	0.89446148	0.95445145	C12orf76
170261	ENSG00000174460	137.81006	-0.46306035	0.21228785	0.0110632	0.04508913	ZCCHC12
26047	ENSG00000174469	290.283875	-0.50855709	0.2145485	0.00573135	0.0261222	CNTNAP2
442117	ENSG00000174473	13.8020884	-0.05422016	0.3326429	0.75035897	0.88256592	GALNTL6
158038	ENSG00000174482	116.101847	-0.3718705	0.21305207	0.03952726	0.12436105	LINGO2
582	ENSG00000174483	496.376364	0.31366437	0.11124429	0.00313303	0.01571666	BBS1
10260	ENSG00000174485	541.795414	-0.50727053	0.13339894	5.35E-05	0.00043351	DENND4A
NA	ENSG00000174495	0	NA	NA	NA	NA	PPIAP80
9543	ENSG00000174498	118.648978	0.58820366	0.27601942	0.00787775	0.03408079	IGDCC3

257144	ENSG00000174500	4.85700299	0.23318518	0.47153804	0.05939059	0.16976075	GCSAM
400986	ENSG00000174501	342.596887	-0.23845692	0.16704423	0.11148562	0.26980661	ANKRD36C
115019	ENSG00000174502	0.53035984	0.03940331	0.38680964	0.41703988	NA	SLC26A9
148808	ENSG00000174514	69.1607622	-0.79037467	0.39238596	0.00547202	0.0251482	MFSD4A
246330	ENSG00000174516	232.299849	-0.24713404	0.1555842	0.08151169	0.21429626	PELI3
148014	ENSG00000174521	408.032895	-5.2097965	0.21867539	6.14E-126	2.77E-123	TTC9B
283446	ENSG00000174527	17.3233516	-0.2368008	0.43357279	0.15321877	0.33804794	MYO1H
388730	ENSG00000174529	96.6594998	-0.32555701	0.23740491	0.0909967	0.23271133	TMEM81
65003	ENSG00000174547	809.828783	0.02496129	0.11146663	0.81590993	0.9163678	MRPL11
55554	ENSG00000174562	0	NA	NA	NA	NA	KLK15
53833	ENSG00000174564	32.8113182	0.53635409	0.43707432	0.04212281	0.13070323	IL20RB
127845	ENSG00000174567	16.3792258	0.05937741	0.32694077	0.73929783	0.87688337	GOLT1A
NA	ENSG00000174572	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL10P2
79647	ENSG00000174574	1224.43924	-0.22001848	0.08929937	0.01108665	0.04516613	AKIRIN1
266743	ENSG00000174576	5.0039016	0.18351023	0.42171989	0.16469952	0.3543692	NPAS4
55167	ENSG00000174579	763.066776	-0.26743706	0.1539538	0.05716576	0.16506603	MSL2
162968	ENSG00000174586	227.608571	0.24848206	0.16114947	0.0888969	0.22841422	ZNF497
133022	ENSG00000174599	168.604158	-0.10580182	0.17308746	0.4921454	0.71115547	TRAM1L1
1240	ENSG00000174600	13.9026916	-2.04498438	0.87245047	0.00083413	0.00504237	CMKLR1
90806	ENSG00000174606	1072.59794	-0.16749899	0.11240063	0.11808202	0.28192478	ANGEL2
7368	ENSG00000174607	151.680865	-0.50741735	0.2051717	0.004516	0.02134799	UGT8
339855	ENSG00000174611	11.728127	-0.07779876	0.34447181	0.63721911	0.81722218	KY
124152	ENSG00000174628	87.3747096	0.11821333	0.22389453	0.52217018	0.73552406	IQCK
6578	ENSG00000174640	1.38677075	0.00988362	0.37925781	0.87965884	NA	SLCO2A1
10781	ENSG00000174652	776.635534	-0.0146622	0.09942552	0.87766485	0.94578953	ZNF266
125958	ENSG00000174667	0	NA	NA	NA	NA	OR7D4
3177	ENSG00000174669	582.329704	0.18632816	0.10734124	0.07016484	0.1919256	SLC29A2
9024	ENSG00000174672	1079.66193	-1.46422628	0.09537192	2.68E-54	2.98E-52	BRSK2
NA	ENSG00000174677	0	NA	NA	NA	NA	VN1R6P
NA	ENSG00000174678	0	NA	NA	NA	NA	FAM47DP
NA	ENSG00000174680	3.61628275	0.15565515	0.4233615	0.07468097	0.20079555	GRIK1-AS1
11041	ENSG00000174684	806.925089	-0.08921798	0.08808914	0.29732158	0.52397052	B4GAT1
153339	ENSG00000174695	1702.13623	-0.38247887	0.08852978	8.60E-06	8.27E-05	TMEM167A
3952	ENSG00000174697	0.84934393	0.04950338	0.38855591	0.26958967	NA	LEP
285590	ENSG00000174705	2436.52228	0.28034185	0.0643762	9.99E-06	9.48E-05	SH3PXD2B
NA	ENSG00000174715	0	NA	NA	NA	NA	PPIAP72
55196	ENSG00000174718	411.038618	-0.18831933	0.13749377	0.1406916	0.318644	RESF1
51574	ENSG00000174720	858.337441	-0.00275677	0.10003084	0.97639943	0.99184704	LARP7

143282	ENSG00000174721	147.58555	-0.64444805	0.20541827	0.00040642	0.00268511	FGFBP3
9975	ENSG00000174738	1006.67113	-0.27672121	0.09790464	0.00336067	0.01665642	NR1D2
140886	ENSG00000174740	1.07741191	0.02469562	0.38188171	0.66691784	NA	PABPC5
25855	ENSG00000174744	509.766041	0.00693222	0.11889859	0.95201299	0.98012235	BRMS1
6138	ENSG00000174748	24083.2592	0.03489426	0.05231326	0.50128496	0.71841948	RPL15
132720	ENSG00000174749	149.840608	-0.16622946	0.17936924	0.29377139	0.52006999	FAM241A
3265	ENSG00000174775	760.117673	-0.29623487	0.09853657	0.00180338	0.00979359	HRAS
151790	ENSG00000174776	0.69493202	0.03154416	0.38626309	0.41391645	NA	WDR49
6731	ENSG00000174780	2801.07398	-0.22771625	0.06638992	0.00047438	0.00308276	SRP72
126006	ENSG00000174788	0.34746601	0.02370763	0.3853651	0.61987128	NA	PCP2
9610	ENSG00000174791	78.0723206	-0.53270769	0.34151094	0.02868804	0.09697916	RIN1
152816	ENSG00000174792	1.2186262	0.011649	0.38062608	0.84212455	NA	ODAPH
152815	ENSG00000174796	267.186811	-0.04841205	0.16068224	0.73970114	0.8770894	THAP6
9662	ENSG00000174799	538.996492	0.01692037	0.11007506	0.87362981	0.94441388	CEP135
8322	ENSG00000174804	70.9202892	0.30537668	0.25296121	0.12559202	0.29453259	FZD4
57124	ENSG00000174807	315.650888	0.07388874	0.15252001	0.59868332	0.79005929	CD248
685	ENSG00000174808	0	NA	NA	NA	NA	BTC
5174	ENSG00000174827	386.77279	-4.3638571	0.19174236	1.31E-115	4.81E-113	PDZK1
2015	ENSG00000174837	0	NA	NA	NA	NA	ADGRE1
201627	ENSG00000174839	817.972827	0.07069773	0.10947294	0.50100227	0.71823519	DENND6A
201626	ENSG00000174840	758.493689	0.00278346	0.10940481	0.97981829	0.99328572	PDE12
11146	ENSG00000174842	196.451478	0.00099683	0.1635795	0.99576313	0.99852582	GLMN
201625	ENSG00000174844	1.93322063	0.01430367	0.3808549	0.65351262	NA	DNAH12
10897	ENSG00000174851	820.452811	-0.02266276	0.10586416	0.82244577	0.91897523	YIF1A
254263	ENSG00000174871	744.792277	-0.10166497	0.09371529	0.26956078	0.4927127	CNIH2
277	ENSG00000174876	0	NA	NA	NA	NA	AMY1B
171389	ENSG00000174885	0	NA	NA	NA	NA	NLRP6
126328	ENSG00000174886	1812.97756	-0.03077189	0.06905571	0.64456569	0.8225499	NDUFA11
51319	ENSG00000174891	674.799164	0.35316317	0.0978244	0.0001834	0.0013155	RSRC1
257062	ENSG00000174898	0.86773468	-0.03757764	0.38469315	0.46173226	NA	CATSPERD
152078	ENSG00000174899	33.1478635	1.09179822	0.46427516	0.00151507	0.00844355	SLC66A1L
81876	ENSG00000174903	2337.1451	-0.00390134	0.06748694	0.95283717	0.98058207	RAB1B
NA	ENSG00000174912	3.20296728	0.23380462	0.48097459	0.03649122	0.11718772	METTLL15P1
390174	ENSG00000174914	0	NA	NA	NA	NA	OR9G1
81490	ENSG00000174915	699.021698	0.06995227	0.10040344	0.47088911	0.69316219	PTDSS2
125988	ENSG00000174917	475.786846	0.05960979	0.11313207	0.58167473	0.77870625	MICOS13
285315	ENSG00000174928	64.9463171	-0.16010978	0.24134208	0.39956975	0.62826628	C3orf33
NA	ENSG00000174930	0	NA	NA	NA	NA	VN2R1P

219482	ENSG00000174937	0	NA	NA	NA	NA	OR5M3
26470	ENSG00000174938	2104.18632	-2.09367136	0.0779	2.76E-160	2.88E-157	SEZ6L2
253982	ENSG00000174939	657.528455	-2.67469834	0.13399581	6.88E-90	1.75E-87	ASPHD1
253980	ENSG00000174943	625.622598	0.53055065	0.13881427	4.83E-05	0.00039707	KCTD13
9934	ENSG00000174944	0.40091344	-0.01266455	0.3839044	0.88153981	NA	P2RY14
155185	ENSG00000174945	8.35457453	-0.15392319	0.39661869	0.25945029	0.48111914	AMZ1
29909	ENSG00000174946	0	NA	NA	NA	NA	GPR171
344758	ENSG00000174948	0.16735865	0.01897177	0.38482933	0.78225479	NA	GPR149
388611	ENSG00000174950	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CD164L2
2523	ENSG00000174951	27.0325603	0.06326843	0.29964486	0.7416499	0.87812748	FUT1
170506	ENSG00000174953	1873.8311	0.0428377	0.08249824	0.59567309	0.78816266	DHX36
282775	ENSG00000174957	0	NA	NA	NA	NA	OR5J2
84107	ENSG00000174963	142.499491	0.34969488	0.25187067	0.08020532	0.21166182	ZIC4
282770	ENSG00000174970	0	NA	NA	NA	NA	OR10AG1
NA	ENSG00000174977	0	NA	NA	NA	NA	
219431	ENSG00000174982	0	NA	NA	NA	NA	OR4S2
26259	ENSG00000174989	1650.71525	0.62911652	0.07524657	1.79E-17	5.70E-16	FBXW8
763	ENSG00000174990	0	NA	NA	NA	NA	CAS5A
653808	ENSG00000174992	0	NA	NA	NA	NA	ZG16
64837	ENSG00000174996	1449.14552	0.11967954	0.07425172	0.09932044	0.24808862	KLC2
6580	ENSG00000175003	0.32459315	0.00146341	0.3833692	0.96629595	NA	SLC22A1
387718	ENSG00000175018	0	NA	NA	NA	NA	TEX36
1488	ENSG00000175029	2857.04934	0.0600494	0.06745806	0.36548842	0.59471759	CTBP2
9435	ENSG00000175040	2.22879901	-0.06657069	0.3821461	0.45926665	NA	CHST2
79683	ENSG00000175048	207.698422	0.37720424	0.18307182	0.019893	0.07265777	ZDHHC14
545	ENSG00000175054	863.292066	-0.32378655	0.11601496	0.00330708	0.01642774	ATR
125144	ENSG00000175061	6279.98307	-0.15044662	0.05131696	0.00307024	0.01543288	SNHG29
11065	ENSG00000175063	1527.91879	-0.11505362	0.08942512	0.18533159	0.38437996	UBE2C
147409	ENSG00000175065	0	NA	NA	NA	NA	DSG4
256356	ENSG00000175066	552.055511	0.14898345	0.13997171	0.25250639	0.47252657	GK5
80124	ENSG00000175073	409.623632	-0.00143054	0.12137259	0.98915511	0.99604194	VCPIP1
132112	ENSG00000175077	0	NA	NA	NA	NA	RTP1
1674	ENSG00000175084	0.36303109	0.0238953	0.38539249	0.60992868	NA	DES
149420	ENSG00000175087	421.633107	-0.24608694	0.1689353	0.10350172	0.25575714	PDIK1L
92369	ENSG00000175093	211.691316	-0.72599105	0.17392473	6.17E-06	6.11E-05	SPSB4
5897	ENSG00000175097	412.146536	-5.81958757	0.25391788	9.59E-118	3.66E-115	RAG2
7189	ENSG00000175104	859.167889	-0.87742024	0.1076856	5.94E-17	1.82E-15	TRAF6
55279	ENSG00000175105	200.137375	0.06622968	0.15986455	0.64966838	0.82525848	ZNF654

201158	ENSG00000175106	106.699942	0.09629167	0.20787375	0.58354725	0.77994081	TVP23C
56945	ENSG00000175110	441.510668	0.15848837	0.1164077	0.15286038	0.33757234	MRPS22
55690	ENSG00000175115	1458.17105	0.38016798	0.0861183	5.70E-06	5.67E-05	PACS1
149708	ENSG00000175121	0	NA	NA	NA	NA	WFDC5
65108	ENSG00000175130	10554.7279	-0.14848315	0.04665711	0.0013318	0.00756237	MARCKSL1
80851	ENSG00000175137	1233.18118	-0.06648781	0.07761001	0.38106366	0.61009547	SH3BP5L
26696	ENSG00000175143	0	NA	NA	NA	NA	OR2T1
200197	ENSG00000175147	450.197706	0.48627616	0.15827557	0.00082249	0.0049857	TMEM51-AS1
388403	ENSG00000175155	660.81639	-1.005454	0.11952308	5.23E-18	1.73E-16	YPEL2
253559	ENSG00000175161	180.959636	0.3967208	0.23894177	0.04320971	0.13305613	CADM2
28	ENSG00000175164	0	NA	NA	NA	NA	ABO
5708	ENSG00000175166	3699.13876	-0.02149291	0.07584431	0.77148204	0.89520433	PSMD2
NA	ENSG00000175170	23.3839078	0.05998249	0.31438522	0.74693576	0.88109908	FAM182B
22843	ENSG00000175175	1391.85264	-0.37207139	0.09206336	3.03E-05	0.0002598	PPM1E
131408	ENSG00000175182	965.372829	-0.20502212	0.08699301	0.0152855	0.05851134	FAM131A
1466	ENSG00000175183	574.896512	0.97438198	0.12700314	2.39E-15	6.71E-14	CSRP2
3626	ENSG00000175189	9.75951403	0.39626736	0.56747614	0.06581353	0.18336477	INHBC
55486	ENSG00000175193	605.771916	-0.15255008	0.11395217	0.15926859	0.34685937	PARL
1649	ENSG00000175197	184.241881	0.92471445	0.29719411	0.00023017	0.0016108	DDIT3
5095	ENSG00000175198	310.762731	0.16180604	0.16874574	0.28698444	0.51285995	PCCA
123346	ENSG00000175202	0.173733	0.01914545	0.38484597	0.78225479	NA	HIGD2B
10540	ENSG00000175203	2134.31819	0.30000086	0.09216093	0.00078281	0.00478467	DCTN2
4878	ENSG00000175206	123.589801	-2.07816213	0.26858001	6.70E-16	1.93E-14	NPPA
79797	ENSG00000175213	256.090369	0.07533672	0.14857214	0.58309002	0.77960145	ZNF408
10106	ENSG00000175215	3313.91439	0.24660314	0.07103449	0.00040404	0.00267119	CTDSP2
9793	ENSG00000175216	6002.79563	-0.31726604	0.07674402	2.32E-05	0.00020552	CKAP5
392	ENSG00000175220	1293.7054	-0.07433811	0.07874613	0.33426466	0.56397745	ARHGAP1
10025	ENSG00000175221	1195.32097	-0.02023622	0.07514643	0.78292393	0.90115512	MED16
9776	ENSG00000175224	1286.63334	-0.08135811	0.10077106	0.40177707	0.63028837	ATG13
89792	ENSG00000175229	370.084461	0.24213989	0.1435386	0.06812855	0.18781025	GAL3ST3
148345	ENSG00000175262	3.82802516	-0.07984808	0.38492317	0.37096761	0.60017919	C1orf127
8534	ENSG00000175264	59.1293702	-3.8007809	0.458265	5.69E-18	1.88E-16	CHST1
23015	ENSG00000175265	3610.09106	0.21002674	0.06110539	0.0004944	0.00319403	GOLGA8A
146177	ENSG00000175267	7.5104178	0.13020489	0.39836262	0.21891558	0.43081814	VWA3A
9537	ENSG00000175274	1459.39348	-0.36189293	0.10227804	0.00023165	0.00161997	TP53I11
378708	ENSG00000175279	179.713524	0.13394828	0.16256203	0.36419818	0.59387751	CENPS
22845	ENSG00000175283	219.760974	-0.09874976	0.15394958	0.48279084	0.70322078	DOLK
254295	ENSG00000175287	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PHYHD1

117144	ENSG00000175294	0.86172829	0.03799542	0.38472774	0.45126332	NA	CATSPER1
NA	ENSG00000175302	0	NA	NA	NA	NA	ANKRD30BP1
9134	ENSG00000175305	206.225099	-0.28863118	0.20032921	0.09251938	0.23521072	CCNE2
85007	ENSG00000175309	457.545493	0.26899067	0.11726813	0.0158553	0.06030849	PHYKPL
257629	ENSG00000175311	0	NA	NA	NA	NA	ANKS4B
1474	ENSG00000175315	0.84909805	0.02962074	0.38439909	0.50670033	NA	CST6
196996	ENSG00000175318	12.0776643	0.13811326	0.3876213	0.31506781	0.54289729	GRAMD2A
NA	ENSG00000175319	0	NA	NA	NA	NA	NF1P5
162655	ENSG00000175322	480.263549	0.20969859	0.12118657	0.06767137	0.18691355	ZNF519
27257	ENSG00000175324	621.274714	-0.22802483	0.0983289	0.01614111	0.06123127	LSM1
5626	ENSG00000175325	0.18922458	0.01954053	0.38488496	0.78225479	NA	PROP1
91464	ENSG00000175329	1.45662398	-0.02534541	0.38091292	0.68693583	NA	ISX
8815	ENSG00000175334	2142.01451	0.03229663	0.07077821	0.64145361	0.82042546	BANF1
319	ENSG00000175336	0.4964018	-0.01055555	0.38285916	0.82391731	NA	APOF
1139	ENSG00000175344	1589.53485	0.2760389	0.08068891	0.00045529	0.00297629	CHRNA7
56674	ENSG00000175348	301.836787	-0.22825523	0.13338052	0.06691366	0.18544027	TMEM9B
56675	ENSG00000175352	108.481661	0.21802475	0.21287247	0.22198586	0.43502894	NRIP3
5771	ENSG00000175354	423.930849	-0.06302185	0.11991581	0.57912809	0.7768696	PTPN2
57758	ENSG00000175356	32.1768887	0.22692176	0.38148109	0.24150568	0.45956961	SCUBE2
84285	ENSG00000175376	515.949696	-0.04884172	0.10399955	0.62476134	0.80877365	EIF1AD
4087	ENSG00000175387	1536.43956	-0.30165292	0.07773391	7.14E-05	0.00056533	SMAD2
8665	ENSG00000175390	5204.46157	0.14601517	0.05337132	0.00576555	0.02625394	EIF3F
219749	ENSG00000175395	474.352291	-0.17561152	0.11224732	0.10099806	0.25116589	ZNF25
121130	ENSG00000175398	0	NA	NA	NA	NA	OR10P1
285598	ENSG00000175414	2603.37955	-0.28727988	0.20139621	0.09591809	0.24177549	ARL10
1212	ENSG00000175416	538.502902	-0.50435629	0.13547556	7.43E-05	0.00058524	CLTB
5122	ENSG00000175426	5.49100605	-3.67398681	1.73254651	0.00135097	0.00765587	PCSK1
4023	ENSG00000175445	3.31003049	0.21663377	0.47617538	0.00451231	0.02134509	LPL
317671	ENSG00000175449	49.0021121	-0.25213759	0.36478278	0.22229066	0.43535977	RFESD
64770	ENSG00000175455	3347.76527	-0.06351879	0.07723507	0.40041816	0.62894783	CCDC14
374403	ENSG00000175463	23.4324705	0.50787491	0.5269882	0.05309689	0.15587419	TBC1D10C
9092	ENSG00000175467	1882.95198	0.2356442	0.09452834	0.0099552	0.04132895	SART1
55844	ENSG00000175470	776.858614	-0.10197087	0.09810329	0.28150658	0.50630249	PPP2R2D
79772	ENSG00000175471	79.9944846	0.2593207	0.24968967	0.18628228	0.38596943	MCTP1
57804	ENSG00000175482	94.9787764	0.49584815	0.25667723	0.01705974	0.06413972	POLD4
120787	ENSG00000175485	0.36244485	0.00098593	0.38336489	0.96649389	NA	OR52W1
126364	ENSG00000175489	0	NA	NA	NA	NA	LRRC25
57628	ENSG00000175497	21.5056274	2.07009092	0.57229121	1.60E-05	0.00014659	DPP10

23529	ENSG00000175505	11.5601592	0.14893412	0.37067034	0.37275248	0.60164409	CLCF1
NA	ENSG00000175509	0.55365942	0.03297732	0.38624289	0.45088369	NA	ACRP1
254187	ENSG00000175513	0.16735865	0.01897177	0.38482933	0.78225479	NA	TSGA10IP
390212	ENSG00000175514	0	NA	NA	NA	NA	GPR152
143630	ENSG00000175518	0	NA	NA	NA	NA	UBQLNL
50613	ENSG00000175520	0	NA	NA	NA	NA	UBQLN3
5406	ENSG00000175535	0	NA	NA	NA	NA	PNLIP
387787	ENSG00000175536	74.7192834	-0.06392536	0.23809773	0.73126233	0.87162779	LIPT2
10008	ENSG00000175538	0	NA	NA	NA	NA	KCNE3
57010	ENSG00000175544	1.35294443	0.00802665	0.37866486	0.90485094	NA	CABP4
144245	ENSG00000175548	616.130215	0.06993985	0.14283868	0.60151154	0.79200883	ALG10B
10589	ENSG00000175550	1083.42408	0.09480102	0.08941515	0.2757897	0.49983261	DRAP1
79836	ENSG00000175556	0.49037226	0.01381349	0.38306631	0.76290694	NA	LONRF3
7352	ENSG00000175564	62.0252933	0.14750843	0.25800156	0.45045598	0.67378216	UCP3
7351	ENSG00000175567	583.507772	0.82520138	0.14841503	4.60E-09	7.25E-08	UCP2
83638	ENSG00000175573	365.983922	0.21300331	0.13023657	0.08148936	0.21429626	C11orf68
80227	ENSG00000175575	518.520428	0.16375559	0.10957287	0.11847308	0.28258066	PAAF1
51642	ENSG00000175581	400.269392	-0.15993985	0.13379531	0.20051873	0.40575148	MRPL48
5870	ENSG00000175582	1766.26052	-0.26372123	0.08237135	0.00101604	0.00598698	RAB6A
5029	ENSG00000175591	14.4848203	0.05358756	0.34467665	0.73783943	0.87620179	P2RY2
8061	ENSG00000175592	13.2455086	0.42368682	0.59102611	0.05850006	0.16796543	FOSL1
2072	ENSG00000175595	438.843018	-0.20570968	0.14451669	0.12311737	0.29054555	ERCC4
79783	ENSG00000175600	51.434978	0.2210259	0.27387633	0.27568503	0.49980793	SUGCT
11007	ENSG00000175602	579.968377	-0.75908249	0.10595806	1.62E-13	3.90E-12	CCDC85B
NA	ENSG00000175604	0.33471731	0.02354391	0.38534154	0.62842204	NA	
54968	ENSG00000175606	354.198421	-0.08747059	0.15069697	0.527172	0.73905402	TMEM70
100128782	ENSG00000175611	96.2714561	0.17271655	0.24043616	0.36732809	0.59652854	LINC00476
119765	ENSG00000175619	0	NA	NA	NA	NA	OR4B1
6199	ENSG00000175634	853.627858	0.18024583	0.09173827	0.04279977	0.13226595	RPS6KB2
116028	ENSG00000175643	450.437786	-0.2056785	0.12081633	0.07205199	0.19555978	RMI2
5619	ENSG00000175646	0	NA	NA	NA	NA	PRM1
NA	ENSG00000175658	0	NA	NA	NA	NA	DRD5P2
146691	ENSG00000175662	722.731915	-0.05552225	0.10949362	0.59579259	0.7882452	TOM1L2
122046	ENSG00000175664	0	NA	NA	NA	NA	TEX26
100132979	ENSG00000175676	0	NA	NA	NA	NA	GOLGA8DP
58492	ENSG00000175691	144.633377	-0.24384805	0.20846106	0.16054401	0.3484894	ZNF77
165829	ENSG00000175697	41.3917297	1.27527663	0.40357334	0.00012408	0.00092131	GPR156
256369	ENSG00000175699	0	NA	NA	NA	NA	CCDC197

205251	ENSG00000175701	123.490693	0.13346144	0.20750216	0.44559059	0.67028199	MTLN
126695	ENSG00000175707	0.173733	0.01914545	0.38484597	0.78225479	NA	KDF1
146712	ENSG00000175711	207.948093	0.19225591	0.16150721	0.18953252	0.39052085	B3GNTL1
139804	ENSG00000175718	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RBMXL3
22877	ENSG00000175727	1812.40708	-0.22824763	0.10110459	0.01885411	0.06941278	MLXIP
283171	ENSG00000175728	0	NA	NA	NA	NA	LINC02873
NA	ENSG00000175730	0.83487678	0.03685432	0.38459835	0.46326182	NA	BAK1P1
NA	ENSG00000175741	0.5211355	0.01049697	0.38324774	0.77582193	NA	RWDD4P2
7025	ENSG00000175745	2245.47569	1.1929386	0.07088348	1.71E-64	2.45E-62	NR2F1
400360	ENSG00000175746	0	NA	NA	NA	NA	C15orf54
NA	ENSG00000175749	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EIF3KP1
54998	ENSG00000175756	1301.965	-0.16643929	0.07705386	0.02725927	0.09310102	AURKAIP1
158135	ENSG00000175764	316.125599	-0.02259211	0.13978503	0.86114388	0.93812292	TTLL11
253314	ENSG00000175766	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EIF4E1B
401505	ENSG00000175768	1200.80271	-0.06378922	0.07888216	0.40804962	0.63630468	TOMM5
NA	ENSG00000175772	14.3715132	-0.39778844	0.55940718	0.06736435	0.18634601	LINC01106
NA	ENSG00000175773	0.53947826	-0.00667326	0.38308251	0.99653506	NA	ZBTB44-DT
400359	ENSG00000175779	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02694
55508	ENSG00000175782	518.897543	-0.32340508	0.11788298	0.00381908	0.0185213	SLC35E3
145270	ENSG00000175785	514.816304	-1.36569216	0.12249555	6.52E-30	3.78E-28	PRIMA1
169841	ENSG00000175787	167.330465	-0.34086462	0.18186821	0.0338949	0.11060618	ZNF169
8607	ENSG00000175792	2116.86092	-0.12147296	0.06730819	0.06650092	0.18468341	RUVBL1
2810	ENSG00000175793	2.63792138	0.08366915	0.38952631	0.30837174	0.53592286	SFN
NA	ENSG00000175800	0	NA	NA	NA	NA	OR52B3P
4482	ENSG00000175806	83.3837072	0.15740835	0.2253115	0.39280037	0.62197758	MSRA
158506	ENSG00000175809	0	NA	NA	NA	NA	CBLL2
643677	ENSG00000175820	13.4395951	0.07283579	0.33473152	0.67685692	0.84203921	CCDC168
23399	ENSG00000175826	2243.72521	-0.08744935	0.06751104	0.18772525	0.38805147	CTDNBP1
2118	ENSG00000175832	1429.28015	0.29817199	0.07265698	2.84E-05	0.00024625	ETV4
NA	ENSG00000175841	0	NA	NA	NA	NA	FAM172BP
375757	ENSG00000175854	147.857053	0.35361156	0.19622306	0.03792697	0.12066567	SWI5
202309	ENSG00000175857	0	NA	NA	NA	NA	GAPT
10458	ENSG00000175866	533.741527	0.37083241	0.1252835	0.00170077	0.0093446	BAIAP2
797	ENSG00000175868	55.1385881	-0.34830339	0.28162993	0.09946692	0.24826063	CALCB
200407	ENSG00000175874	1.55971086	-0.03247983	0.38287115	0.46128998	NA	CREG2
135886	ENSG00000175877	0.33889064	0.0023549	0.38338005	0.96597464	NA	TMEM270
3234	ENSG00000175879	369.174002	-0.22220596	0.15097829	0.10801155	0.26355297	HOXD8
NA	ENSG00000175886	1.02247641	0.03650131	0.38191249	0.57430161	NA	RPL7AP66

340481	ENSG00000175893	1452.38766	-0.05575109	0.0881073	0.51481876	0.72951962	ZDHHC21
54084	ENSG00000175894	107.05391	-0.87729281	0.36228791	0.00180662	0.00980395	TSPEAR
79666	ENSG00000175895	134.768725	0.09170224	0.18283039	0.56969332	0.77030706	PLEKHF2
2	ENSG00000175899	2.87869126	-0.01565114	0.37620961	0.84077918	0.92773074	A2M
379	ENSG00000175906	173.918671	0.62704901	0.18867482	0.00022763	0.00159523	ARL4D
285489	ENSG00000175920	5.76785446	-0.0782688	0.36934625	0.54219846	0.75027258	DOK7
57633	ENSG00000175928	534.122833	0.00370828	0.11687195	0.97824103	0.99254491	LRRN1
63893	ENSG00000175931	2678.02522	-0.15456201	0.07324077	0.03141566	0.10403717	UBE2O
93129	ENSG00000175938	155.748753	0.02996956	0.17584737	0.84927077	0.93154246	ORAI3
340359	ENSG00000175946	0	NA	NA	NA	NA	KLHL38
NA	ENSG00000175967	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02880
84747	ENSG00000175970	1506.38765	-0.08103635	0.08923909	0.35018774	0.58060182	UNC119B
163259	ENSG00000175984	0.34669998	0.02366913	0.38535997	0.62115904	NA	DENND2C
400224	ENSG00000175985	39.5467083	-0.43486034	0.37463378	0.0709599	0.19346495	PLEKHD1
NA	ENSG00000176007	0	NA	NA	NA	NA	FAM220BP
56676	ENSG00000176009	0.66235055	-0.0195514	0.38294208	0.6679054	NA	ASCL3
84617	ENSG00000176014	391.147795	0.53364833	0.14142419	5.56E-05	0.00044851	TUBB6
116068	ENSG00000176018	335.216414	-0.09962452	0.16928131	0.51070288	0.72599857	LYSMD3
386724	ENSG00000176020	155.385306	0.21119652	0.20058912	0.2194896	0.43154035	AMIGO3
126792	ENSG00000176022	986.902355	-0.14230403	0.08848204	0.0975805	0.24466031	B3GALT6
79898	ENSG00000176024	76.631781	-0.30242726	0.28634356	0.14842529	0.33077346	ZNF613
56673	ENSG00000176029	0.89389376	0.01361547	0.38205178	0.71945716	NA	C11orf16
344805	ENSG00000176040	0.18922458	0.01954053	0.38488496	0.78225479	NA	TMPRSS7
NA	ENSG00000176043	0	NA	NA	NA	NA	
26471	ENSG00000176046	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NUPR1
9832	ENSG00000176049	785.325659	-0.42971466	0.09730281	4.84E-06	4.89E-05	JAKMIP2
NA	ENSG00000176054	6.28092594	0.077268	0.37092126	0.54597196	0.75333225	RPL23P2
153364	ENSG00000176055	391.194337	-0.16502215	0.11761771	0.13934402	0.31622334	MBLAC2
286262	ENSG00000176058	351.026319	-0.18082539	0.13702335	0.15642316	0.34292104	TPRN
23630	ENSG00000176076	3.67451544	0.03958305	0.36872319	0.72972144	0.87078512	KCNE5
257101	ENSG00000176083	0	NA	NA	NA	NA	ZNF683
113829	ENSG00000176087	1955.46255	0.10879598	0.0678294	0.10319122	0.25514879	SLC35A4
55057	ENSG00000176092	45.0417082	-0.09111132	0.34215893	0.58709212	0.78237765	CRYBG2
9807	ENSG00000176095	1606.00581	0.00311832	0.08690573	0.97175945	0.98938604	IP6K1
8636	ENSG00000176101	877.822097	-0.20087555	0.09197302	0.02411101	0.08469589	SSNA1
1479	ENSG00000176102	734.346278	-0.14830111	0.1028099	0.13358428	0.30743129	CSTF3
7525	ENSG00000176105	614.673868	0.44987204	0.10360569	6.47E-06	6.36E-05	YES1
79643	ENSG00000176108	493.429939	0.04064785	0.10842774	0.69677491	0.85365037	CHMP6

NA	ENSG00000176115	0	NA	NA	NA	NA	AQP7P4
10301	ENSG00000176124	145.444262	-0.06729628	0.18295943	0.67416971	0.84017129	DLEU1
100874074	ENSG00000176124	145.444262	-0.06729628	0.18295943	0.67416971	0.84017129	DLEU1
402682	ENSG00000176125	82.6446373	0.043327	0.22787871	0.81511596	0.91599551	UFSP1
NA	ENSG00000176134	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
4161	ENSG00000176136	0	NA	NA	NA	NA	MC5R
55254	ENSG00000176142	552.89655	1.07587632	0.14505319	1.38E-14	3.62E-13	TMEM39A
55346	ENSG00000176148	565.797055	-0.12381946	0.10408145	0.21479135	0.42508333	TCP11L1
2877	ENSG00000176153	2.55742763	-0.07445035	0.38759497	0.33070897	NA	GPX2
284001	ENSG00000176155	1704.20078	-0.07191994	0.08308834	0.37454244	0.60364923	CCDC57
124535	ENSG00000176160	0.30139824	-0.02296476	0.38527817	0.68536535	NA	HSF5
2290	ENSG00000176165	0	NA	NA	NA	NA	FOXG1
8877	ENSG00000176170	36.1772329	2.43111005	0.44338224	2.68E-09	4.35E-08	SPHK1
664	ENSG00000176171	1230.43746	-0.10202519	0.11412709	0.34796092	0.57864958	BNIP3
150350	ENSG00000176177	0	NA	NA	NA	NA	ENTHD1
339344	ENSG00000176182	217.641868	0.19918414	0.1538373	0.1573448	0.34410503	MYPOP
NA	ENSG00000176183	0	NA	NA	NA	NA	
1149	ENSG00000176194	0	NA	NA	NA	NA	CIDEA
390442	ENSG00000176198	0	NA	NA	NA	NA	OR11H4
219986	ENSG00000176200	0	NA	NA	NA	NA	OR4D11
80059	ENSG00000176204	192.111171	-1.21666469	0.19289202	2.81E-11	5.70E-10	LRRTM4
79915	ENSG00000176208	605.033864	-0.20384783	0.10973408	0.05190381	0.15335394	ATAD5
114926	ENSG00000176209	425.641967	-0.02553547	0.14184013	0.84531069	0.92970586	SMIM19
122748	ENSG00000176219	0	NA	NA	NA	NA	OR11H6
342908	ENSG00000176222	53.7205254	-0.0072297	0.2692825	0.96791623	0.98788302	ZNF404
25914	ENSG00000176225	748.620601	0.13424845	0.10883672	0.19754325	0.40156333	RTTN
390436	ENSG00000176230	0	NA	NA	NA	NA	OR4K17
126541	ENSG00000176231	0	NA	NA	NA	NA	OR10H4
NA	ENSG00000176232	0	NA	NA	NA	NA	
221060	ENSG00000176236	2.54082223	-0.05947596	0.37825898	0.53946919	NA	RPP38-DT
390058	ENSG00000176239	0	NA	NA	NA	NA	OR51B6
NA	ENSG00000176243	0	NA	NA	NA	NA	CDV3P1
414149	ENSG00000176244	254.475961	-0.22823711	0.1492017	0.09599113	0.24186741	ACBD7
122742	ENSG00000176246	0	NA	NA	NA	NA	OR4L1
29882	ENSG00000176248	1051.05133	0.03343174	0.09309938	0.71203495	0.86159535	ANAPC2
390433	ENSG00000176253	0	NA	NA	NA	NA	OR4K13
127540	ENSG00000176256	0	NA	NA	NA	NA	HMGB4
339487	ENSG00000176261	295.855338	-0.22405998	0.15632207	0.11525045	0.27682433	ZBTB8OS

NA	ENSG00000176268	8.70616966	0.18634112	0.40649485	0.23110528	0.44719874	CYCSP34
441308	ENSG00000176269	0.65871511	0.02516691	0.38354497	0.59695666	NA	OR4F21
159371	ENSG00000176273	285.110353	0.07111989	0.1535367	0.61410248	0.80172357	SLC35G1
79317	ENSG00000176281	0	NA	NA	NA	NA	OR4K5
NA	ENSG00000176289	0	NA	NA	NA	NA	IDSP1
283617	ENSG00000176290	0	NA	NA	NA	NA	OR4K3
7694	ENSG00000176293	51.592909	0.09679065	0.26337768	0.61988765	0.80593519	ZNF135
390429	ENSG00000176294	0	NA	NA	NA	NA	OR4N2
441670	ENSG00000176299	0	NA	NA	NA	NA	OR4M1
283150	ENSG00000176302	0.16735865	0.01897177	0.38482933	0.78225479	NA	FOXR1
NA	ENSG00000176312	0	NA	NA	NA	NA	OR4H12P
NA	ENSG00000176318	0	NA	NA	NA	NA	FOXN3P1
NA	ENSG00000176320	0	NA	NA	NA	NA	
1351	ENSG00000176340	3745.9193	0.00973052	0.0619707	0.87454868	0.94478878	COX8A
NA	ENSG00000176343	0.46658771	-0.00768756	0.38326124	0.86582814	NA	RPL37AP8
NA	ENSG00000176349	22.5694439	-1.49919455	0.60288538	0.00071196	0.00439081	
255061	ENSG00000176358	0	NA	NA	NA	NA	TAC4
54993	ENSG00000176371	592.535571	0.12052311	0.12082233	0.29311444	0.51927766	ZSCAN2
NA	ENSG00000176378	0.83404269	-0.00965768	0.38153684	0.85309719	NA	PFN1P10
285800	ENSG00000176381	58.8311416	-0.1095846	0.26015999	0.57028862	0.7706786	PRR18
79369	ENSG00000176383	53.7438299	1.38017594	0.57075533	0.00073821	0.00453296	B3GNT4
246184	ENSG00000176386	407.69078	-0.00856314	0.12042302	0.93902548	0.97474024	CDC26
3291	ENSG00000176387	44.9881432	0.07635793	0.25829621	0.69307976	0.8516694	HSD11B2
51379	ENSG00000176390	463.526352	0.11595936	0.11175707	0.27812609	0.50258055	CRLF3
6051	ENSG00000176393	1454.00084	0.27589434	0.08004655	0.00041464	0.00273488	RNPEP
163126	ENSG00000176396	324.790252	-0.3158957	0.1350001	0.01215251	0.04871807	EID2
63951	ENSG00000176399	0	NA	NA	NA	NA	DMRTA1
126272	ENSG00000176401	82.0332386	-0.18794877	0.2447385	0.32699604	0.55535024	EID2B
349149	ENSG00000176402	1.00807697	0.00468448	0.37999709	0.93862016	NA	GJC3
9699	ENSG00000176406	354.477245	-1.85279531	0.14589215	5.03E-38	3.68E-36	RIMS2
56888	ENSG00000176407	863.202088	-0.22852058	0.09080878	0.00925322	0.03889487	KCMF1
84277	ENSG00000176410	219.164454	-0.08345928	0.15030403	0.54481029	0.75256117	DNAJC30
283377	ENSG00000176422	237.3548	0.06262913	0.1522944	0.65478229	0.82814932	SPRYD4
155382	ENSG00000176428	296.52136	0.13365895	0.13388954	0.28667883	0.51245229	VPS37D
161198	ENSG00000176435	0	NA	NA	NA	NA	CLEC14A
161176	ENSG00000176438	807.09916	-0.40121777	0.11158881	0.00016534	0.0011976	SYNE3
1196	ENSG00000176444	2128.24397	0.11935044	0.064636	0.06104746	0.17377066	CLK2
254531	ENSG00000176454	648.949948	0.17122138	0.10242439	0.08228987	0.21587082	LPCAT4

28232	ENSG00000176463	179.562297	-0.51046513	0.22943227	0.00828691	0.03555628	SLCO3A1
284346	ENSG00000176472	16.3084999	0.27727427	0.42270645	0.1634634	0.35251239	ZNF575
79446	ENSG00000176473	197.821213	-0.13207723	0.16630051	0.37690586	0.60570261	WDR25
112869	ENSG00000176476	150.137727	-0.27170304	0.18478794	0.09386723	0.23775385	SGF29
11145	ENSG00000176485	182.455994	-0.33097132	0.1908842	0.04681082	0.14159576	PLAAT3
148252	ENSG00000176490	1489.52987	-0.54417626	0.11354694	5.56E-07	6.59E-06	DIRAS1
390195	ENSG00000176495	0	NA	NA	NA	NA	OR5AN1
392133	ENSG00000176510	0	NA	NA	NA	NA	OR10AC1
NA	ENSG00000176515	0	NA	NA	NA	NA	
653583	ENSG00000176531	228.258895	-0.28982561	0.19611372	0.08649327	0.22401363	PHLDB3
222171	ENSG00000176532	0.8079061	-0.00822484	0.3808485	0.88438785	NA	PRR15
2788	ENSG00000176533	330.391078	0.7514349	0.1525209	1.70E-07	2.17E-06	GNG7
79346	ENSG00000176540	0	NA	NA	NA	NA	OR4C5
205717	ENSG00000176542	643.301865	-0.07320089	0.12157419	0.52447778	0.73730881	USF3
256144	ENSG00000176547	0	NA	NA	NA	NA	OR4C3
256148	ENSG00000176555	0	NA	NA	NA	NA	OR4S1
124817	ENSG00000176563	19.2925267	-0.16858943	0.35289096	0.37024114	0.59943356	CNTD1
138009	ENSG00000176566	0.173733	0.01914545	0.38484597	0.78225479	NA	DCAF4L2
390113	ENSG00000176567	0	NA	NA	NA	NA	OR4X1
168975	ENSG00000176571	0	NA	NA	NA	NA	CNBD1
375940	ENSG00000176584	0	NA	NA	NA	NA	DMBT1L1
100128398	ENSG00000176593	248.677764	-0.08748516	0.18479962	0.587176	0.78237765	
9920	ENSG00000176595	778.021049	0.31266394	0.10485383	0.0018829	0.01015404	KBTBD11
84002	ENSG00000176597	594.023637	0.35774051	0.10847882	0.00056997	0.0036198	B3GNT5
80122	ENSG00000176601	0	NA	NA	NA	NA	MAP3K19
283598	ENSG00000176605	0	NA	NA	NA	NA	C14orf177
84823	ENSG00000176619	6707.91687	-0.00182554	0.06212126	0.88595766	0.95015905	LMNB2
51115	ENSG00000176623	611.897368	0.19555643	0.10861724	0.05999783	0.17120049	RMDN1
51320	ENSG00000176624	1632.67339	-0.06170416	0.07449712	0.39782403	0.62701213	MEX3C
150280	ENSG00000176635	0	NA	NA	NA	NA	HORMAD2
220441	ENSG00000176641	1139.79409	0.58801649	0.0856477	2.10E-12	4.68E-11	RNF152
NA	ENSG00000176654	0	NA	NA	NA	NA	NANOGP1
4642	ENSG00000176658	342.417237	-0.4525475	0.14179262	0.00060653	0.00381897	MYO1D
284756	ENSG00000176659	0	NA	NA	NA	NA	C20orf197
2300	ENSG00000176678	0	NA	NA	NA	NA	FOXL1
90655	ENSG00000176679	0	NA	NA	NA	NA	TGIF2LY
9884	ENSG00000176681	133.90541	0.34862794	0.20060533	0.04395771	0.13475294	LRRC37A
2303	ENSG00000176692	0.35686611	0.02381839	0.38538127	0.61392362	NA	FOXC2

81099	ENSG00000176695	0.30139824	-0.02296476	0.38527817	0.68536535	NA	OR4F17
627	ENSG00000176697	24.4547915	3.43616925	0.63693089	4.59E-09	7.24E-08	BDNF
NA	ENSG00000176700	334.754704	-0.05863268	0.31208087	0.74908799	0.88205755	SCAND2P
79635	ENSG00000176714	160.182043	0.09505595	0.1904545	0.56574777	0.76758775	CCDC121
197322	ENSG00000176715	829.953097	0.15300695	0.10572133	0.13175825	0.30452978	ACSF3
NA	ENSG00000176716	0	NA	NA	NA	NA	OR10AB1P
666	ENSG00000176720	70.9896025	-0.19191798	0.24812535	0.32040736	0.54819611	BOK
283933	ENSG00000176723	56.429291	0.11867992	0.27777165	0.54795788	0.754545	ZNF843
83869	ENSG00000176728	0	NA	NA	NA	NA	TTY14
401466	ENSG00000176731	455.127631	0.04424224	0.11460498	0.68679015	0.84769917	RBIS
375189	ENSG00000176732	24.0580812	0.30424106	0.38173686	0.16521809	0.35517682	PFN4
283111	ENSG00000176742	0	NA	NA	NA	NA	OR51V1
158809	ENSG00000176746	2.28252939	-0.04545442	0.38037891	0.56303576	NA	MAGEB6
283110	ENSG00000176748	0	NA	NA	NA	NA	OR52Z1
8851	ENSG00000176749	1159.60435	-0.80141518	0.08472276	5.54E-22	2.27E-20	CDK5R1
NA	ENSG00000176752	0	NA	NA	NA	NA	OR51A1P
644809	ENSG00000176753	2.88483091	0.0695805	0.37839631	0.50512054	0.72144493	C15orf56
NA	ENSG00000176754	0	NA	NA	NA	NA	LINC00303
NA	ENSG00000176761	9.74065866	0.01037137	0.34471301	0.94835238	0.97876335	ZNF285B
256536	ENSG00000176769	0.3000209	-0.02294463	0.38527539	0.68644561	NA	TCERG1L
344148	ENSG00000176771	157.158516	1.11587599	0.21941136	3.99E-08	5.56E-07	NCKAP5
286514	ENSG00000176774	0	NA	NA	NA	NA	MAGEB18
140596	ENSG00000176782	0	NA	NA	NA	NA	DEFB104A
80230	ENSG00000176783	936.991424	0.24312651	0.0832577	0.0027313	0.01399146	RUFY1
119678	ENSG00000176787	0	NA	NA	NA	NA	OR52E2
10409	ENSG00000176788	1467.83015	-0.3861137	0.07924331	6.07E-07	7.15E-06	BASP1
55894	ENSG00000176797	0	NA	NA	NA	NA	DEFB103A
414325	ENSG00000176797	0	NA	NA	NA	NA	DEFB103A
119682	ENSG00000176798	0	NA	NA	NA	NA	OR51L1
374819	ENSG00000176809	576.012169	0.20874965	0.15545079	0.14103467	0.31912955	LRRC37A3
NA	ENSG00000176812	0	NA	NA	NA	NA	METTL1P1
360132	ENSG00000176826	0.16735865	0.01897177	0.38482933	0.78225479	NA	FKBP9P1
54621	ENSG00000176834	521.526171	0.17170593	0.13265296	0.16724028	0.35828164	VSIG10
284424	ENSG00000176840	10.0467854	-0.37217834	0.54736312	0.07029092	0.19208977	MIR7-3HG
10265	ENSG00000176842	181.144196	-0.21080453	0.16720824	0.1601757	0.34791832	IRX5
284207	ENSG00000176845	151.556128	-0.04396288	0.19136538	0.78980622	0.9043268	METRNL
157769	ENSG00000176853	1098.91869	-0.0822035	0.09703513	0.38043916	0.60938575	FAM91A1
NA	ENSG00000176855	0	NA	NA	NA	NA	KRT18P28

NA	ENSG00000176857	0.54648734	0.03263277	0.38620655	0.45580981	NA	GJA1P1
NA	ENSG00000176868	8.65900385	0.39058596	0.64788645	0.03344927	0.10942019	
55884	ENSG00000176871	1727.75474	-0.35756534	0.07143751	3.34E-07	4.10E-06	WSB2
NA	ENSG00000176882	0	NA	NA	NA	NA	
2902	ENSG00000176884	952.679746	-4.21189377	0.13144577	5.63E-227	1.40E-223	GRIN1
6664	ENSG00000176887	6480.31137	0.64338861	0.05257313	5.68E-35	3.85E-33	SOX11
7298	ENSG00000176890	3232.68996	-0.19694744	0.06447646	0.00191729	0.01029474	TYMS
81282	ENSG00000176893	0	NA	NA	NA	NA	OR51G2
5827	ENSG00000176894	261.496851	-0.44908313	0.15320896	0.00144905	0.0081373	PXMP2
119687	ENSG00000176895	0	NA	NA	NA	NA	OR51A7
170082	ENSG00000176896	45.3573948	-0.19151664	0.29604438	0.34641902	0.57719207	TCEANC
401665	ENSG00000176900	0	NA	NA	NA	NA	OR51T1
9240	ENSG00000176903	1568.10326	-0.24408022	0.07220258	0.00056395	0.00358502	PNMA1
401663	ENSG00000176904	0	NA	NA	NA	NA	OR51H1
56892	ENSG00000176907	0	NA	NA	NA	NA	TCIM
284358	ENSG00000176909	41.6678267	0.46483845	0.41232682	0.0619012	0.175546	MAMSTR
NA	ENSG00000176912	39.4301531	-0.02281546	0.27589075	0.90377425	0.95800026	TYMSOS
23141	ENSG00000176915	1903.25711	0.14508813	0.07790712	0.05699194	0.16463601	ANKLE2
733	ENSG00000176919	2.43328913	-0.0570374	0.37746952	0.5593085	NA	C8G
2524	ENSG00000176920	37.6659502	0.20946199	0.38754613	0.24762797	0.46665024	FUT2
119692	ENSG00000176922	0	NA	NA	NA	NA	OR51S1
NA	ENSG00000176923	0	NA	NA	NA	NA	OR7A15P
119694	ENSG00000176925	0	NA	NA	NA	NA	OR51F2
374786	ENSG00000176927	12.9439131	0.14734118	0.37496014	0.36163985	0.59140575	EFCAB5
51301	ENSG00000176928	4.07060528	0.32066555	0.59079402	0.01527047	0.05846508	GCNT4
NA	ENSG00000176933	11.4575629	-0.06783142	0.34795652	0.6686006	0.83706921	TOB2P1
200958	ENSG00000176945	54.4547559	0.38719498	0.32429826	0.08678144	0.22459479	MUC20
51078	ENSG00000176946	912.67351	-0.04883606	0.08634676	0.56100958	0.7645572	THAP4
NA	ENSG00000176951	0	NA	NA	NA	NA	OR51N1P
84901	ENSG00000176953	1421.19052	-0.06608377	0.07673383	0.3756306	0.60471528	NFATC2IP
4062	ENSG00000176956	0	NA	NA	NA	NA	LY6H
NA	ENSG00000176970	0	NA	NA	NA	NA	RPL7L1P11
387758	ENSG00000176971	0	NA	NA	NA	NA	FIBIN
23625	ENSG00000176973	1126.83045	-0.19211619	0.09881491	0.04368976	0.13409727	FAM89B
6470	ENSG00000176974	449.964824	-0.08206369	0.11767789	0.46271403	0.6855676	SHMT1
29952	ENSG00000176978	1637.04306	-0.12155777	0.07189784	0.0848575	0.22086345	DPP7
166655	ENSG00000176979	0	NA	NA	NA	NA	TRIM60
107984399	ENSG00000176984	1.85647236	0.02509684	0.37544933	0.77544964	NA	

9632	ENSG00000176986	2812.8122	0.02370897	0.0782524	0.75806132	0.8876261	SEC24C
158521	ENSG00000176988	0.18922458	0.01954053	0.38488496	0.78225479	NA	FMR1NB
140775	ENSG00000176994	1333.71668	-0.05883785	0.07986748	0.45397308	0.67730681	SMCR8
NA	ENSG00000176998	0.173124	-0.01911262	0.38486262	0.84537521	NA	HCG4
4524	ENSG00000177000	1262.81584	0.2495337	0.0938531	0.00600671	0.02717743	MTHFR
503618	ENSG00000177023	0	NA	NA	NA	NA	DEFB104B
147685	ENSG00000177025	4.01393402	0.0736889	0.37435921	0.53249637	0.7437975	C19orf18
10522	ENSG00000177030	1372.26944	-0.24581859	0.08022256	0.00168552	0.00927879	DEAF1
345778	ENSG00000177034	1277.25592	0.01790034	0.07880115	0.81632689	0.9165257	MTX3
283232	ENSG00000177042	219.63907	0.11060369	0.15752823	0.44182156	0.66669757	TMEM80
147912	ENSG00000177045	471.61984	2.43641023	0.13718297	7.93E-72	1.33E-69	SIX5
3467	ENSG00000177047	0.14931947	-0.01844332	0.38480212	0.84537521	NA	IFNW1
23403	ENSG00000177051	641.601916	0.12678533	0.113272	0.24082095	0.45879844	FBXO46
54503	ENSG00000177054	718.833545	-0.21375702	0.09899999	0.02520009	0.08768238	ZDHHC13
153129	ENSG00000177058	295.376671	0.20950518	0.16166081	0.15200779	0.33617597	SLC38A9
340485	ENSG00000177076	57.6576559	0.20893587	0.27422762	0.3017185	0.52913363	ACER2
84942	ENSG00000177082	956.584469	0.19237292	0.09287731	0.03250601	0.10692141	WDR73
5426	ENSG00000177084	3163.16045	-0.01578743	0.07650416	0.83225443	0.92392457	POLE
150368	ENSG00000177096	257.936623	0.18867211	0.14968207	0.17050409	0.36238863	PHETA2
6330	ENSG00000177098	31.1090983	0.85824602	0.49075871	0.00769827	0.03339901	SCN4B
57453	ENSG00000177103	33.5582165	-0.27776971	0.34068709	0.19760648	0.4016507	DSCAML1
391	ENSG00000177105	372.924376	0.06778681	0.13243538	0.58721701	0.78237765	RHOG
64787	ENSG00000177106	52.4574056	-0.1163546	0.2751284	0.55148969	0.75793541	EPS8L2
283576	ENSG00000177108	245.095978	-2.38111014	0.1753444	4.00E-43	3.31E-41	ZDHHC22
100129827	ENSG00000177112	1.80708766	-0.0356991	0.37677633	0.68136958	NA	IRAG1-AS1
196527	ENSG00000177119	1771.47421	-0.0424325	0.07011855	0.53758271	0.747679	ANO6
403341	ENSG00000177125	783.784376	-0.29826439	0.10163794	0.00226807	0.01192329	ZBTB34
440556	ENSG00000177133	0	NA	NA	NA	NA	PRDM16-DT
171483	ENSG00000177138	0	NA	NA	NA	NA	FAM9B
1068	ENSG00000177143	0	NA	NA	NA	NA	CETN1
440672	ENSG00000177144	82.2124532	-0.05678066	0.23522426	0.75889836	0.88818685	NUDT4B
125228	ENSG00000177150	314.539921	-0.2959458	0.16180954	0.04310027	0.13284284	FAM210A
403244	ENSG00000177151	0	NA	NA	NA	NA	OR2T35
6888	ENSG00000177156	1290.38618	-0.16703532	0.08114001	0.0349056	0.11308412	TALDO1
8408	ENSG00000177169	1728.06963	0.3799313	0.10724964	0.00021912	0.00154323	ULK1
NA	ENSG00000177173	6.09728451	0.13480198	0.38935174	0.31911892	0.54674606	NAP1L4P1
127066	ENSG00000177174	0	NA	NA	NA	NA	OR14C36
284716	ENSG00000177181	472.533069	-0.77017584	0.14864529	4.07E-08	5.65E-07	RIMKLA

157807	ENSG00000177182	65.6694504	-0.8227494	0.44666119	0.00647234	0.02893446	CLVS1
391196	ENSG00000177186	0	NA	NA	NA	NA	OR2M7
6197	ENSG00000177189	864.120331	-0.08266523	0.10680271	0.41871036	0.64465387	RPS6KA3
374907	ENSG00000177191	7.36240267	0.10148517	0.37379349	0.45992131	0.68305646	B3GNT8
80324	ENSG00000177192	540.505555	-0.04152546	0.11192868	0.69192357	0.85101966	PUS1
NA	ENSG00000177197	0	NA	NA	NA	NA	PCNPP5
80205	ENSG00000177200	1970.95217	-0.36510279	0.07939137	2.45E-06	2.60E-05	CHD9
127064	ENSG00000177201	0	NA	NA	NA	NA	OR2T12
171169	ENSG00000177202	2.03263474	0.06810864	0.38235125	0.45283665	NA	SPACA4
391195	ENSG00000177212	0	NA	NA	NA	NA	OR2T33
347862	ENSG00000177225	1401.25178	0.21987866	0.07555464	0.00295567	0.01495046	GATD1
NA	ENSG00000177233	0	NA	NA	NA	NA	OR2M1P
404216	ENSG00000177234	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01561
493829	ENSG00000177238	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TRIM72
11253	ENSG00000177239	1402.91117	0.08235844	0.08499623	0.32074116	0.54862527	MAN1B1
55894	ENSG00000177243	0	NA	NA	NA	NA	DEFB103B
1673	ENSG00000177257	0	NA	NA	NA	NA	DEFB4B
100289462	ENSG00000177257	0	NA	NA	NA	NA	DEFB4B
NA	ENSG00000177261	0	NA	NA	NA	NA	ENSAP3
3738	ENSG00000177272	68.2447376	-4.52573839	0.4689857	7.08E-23	3.06E-21	KCNA3
127608	ENSG00000177275	0	NA	NA	NA	NA	OR2AJ1
8325	ENSG00000177283	23.0488539	1.35457361	0.62076908	0.00167158	0.00920716	FZD8
219770	ENSG00000177291	1.14391802	-0.00477282	0.38048857	0.93391025	NA	GJD4
162517	ENSG00000177294	0	NA	NA	NA	NA	FBXO39
53842	ENSG00000177300	0	NA	NA	NA	NA	CLDN22
3737	ENSG00000177301	1.32085411	-0.01339762	0.38120608	0.64923384	NA	KCNA2
7156	ENSG00000177302	2073.18505	-0.29537943	0.08096892	0.00018299	0.00131301	TOP3A
57513	ENSG00000177303	762.737416	0.13225878	0.09891642	0.16630021	0.35680721	CASKIN2
NA	ENSG00000177306	0	NA	NA	NA	NA	OR7E125P
253461	ENSG00000177311	656.936961	-0.39439734	0.10831529	0.00014298	0.00104908	ZBTB38
139105	ENSG00000177324	0.16735865	0.01897177	0.38482933	0.78225479	NA	BEND2
286122	ENSG00000177335	35.6889534	-1.61377851	0.45929877	2.83E-05	0.00024558	C8orf31
NA	ENSG00000177337	60.6322512	0.36163397	0.28007184	0.08805365	0.22670443	DLGAP1-AS1
NA	ENSG00000177338	0	NA	NA	NA	NA	LINC00469
79857	ENSG00000177340	4.73809702	0.03781085	0.37057026	0.72906625	0.87045369	
645683	ENSG00000177350	0.32472341	0.00156183	0.38337017	0.96535514	NA	RPL13AP3
64925	ENSG00000177352	540.457806	-0.18294578	0.12299966	0.11528417	0.2768718	CCDC71
118461	ENSG00000177354	2.42144075	0.08769662	0.38783799	0.34084348	NA	C10orf71

NA	ENSG00000177359	19.2801758	0.00442035	0.34196163	0.97971498	0.9932825	
221091	ENSG00000177363	6.57073337	0.26922097	0.48077034	0.09025504	0.23114238	LRRN4CL
124871	ENSG00000177369	0	NA	NA	NA	NA	
29928	ENSG00000177370	334.040669	0.0986485	0.12459998	0.40297845	0.63099498	TIMM22
3090	ENSG00000177374	150.393755	-1.03850765	0.20957356	8.39E-08	1.12E-06	HIC1
8541	ENSG00000177380	672.495239	-0.28818886	0.10315209	0.00361406	0.01773946	PPFIA3
64110	ENSG00000177383	1859.77247	-0.10020556	0.06654132	0.12586724	0.29503851	MAGEF1
89766	ENSG00000177398	0.14931947	-0.01844332	0.38480212	0.84537521	NA	UMODL1
NA	ENSG00000177400	0	NA	NA	NA	NA	OR7E8P
100049716	ENSG00000177406	0.32256794	-0.02325484	0.38531879	0.66956249	NA	NINJ2-AS1
219285	ENSG00000177409	2.84477125	0.19288227	0.45200142	0.02371077	0.08352659	SAMD9L
441951	ENSG00000177410	1420.06795	-0.02897811	0.08478464	0.72508475	0.86844186	ZFAS1
148581	ENSG00000177414	0	NA	NA	NA	NA	UBE2U
NA	ENSG00000177418	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
5074	ENSG00000177425	0.173733	0.01914545	0.38484597	0.78225479	NA	PAWR
7050	ENSG00000177426	386.604549	0.6851492	0.14538417	5.68E-07	6.72E-06	TGIF1
125170	ENSG00000177427	228.515918	-0.02854077	0.15048519	0.83566081	0.92509265	MIEF2
266812	ENSG00000177432	398.766977	-0.09610869	0.11928434	0.39560405	0.62505251	NAP1L5
NA	ENSG00000177447	0	NA	NA	NA	NA	CBX3P1
NA	ENSG00000177452	0	NA	NA	NA	NA	
167359	ENSG00000177453	2.48472207	-0.08395096	0.39013164	0.23334115	NA	NIM1K
930	ENSG00000177455	0.49179166	0.02819073	0.38571158	0.57316017	NA	CD19
203111	ENSG00000177459	9.64689267	3.75194209	1.11230822	7.85E-05	0.0006137	ERICH5
343172	ENSG00000177462	0	NA	NA	NA	NA	OR2T8
7182	ENSG00000177463	3484.13496	-0.07548395	0.06512178	0.23695126	0.45390682	NR2C2
2828	ENSG00000177464	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GPR4
122970	ENSG00000177465	28.8827229	-0.25996358	0.33762856	0.22236513	0.43535977	ACOT4
167826	ENSG00000177468	0	NA	NA	NA	NA	OLIG3
284119	ENSG00000177469	25.2812529	2.97220508	0.58676036	2.93E-08	4.15E-07	CAVIN1
81469	ENSG00000177476	0	NA	NA	NA	NA	OR2G3
10425	ENSG00000177479	2388.86662	0.03018109	0.06493227	0.63697288	0.81722218	ARIH2
375316	ENSG00000177483	15.9115939	0.35555615	0.45344655	0.1122794	0.27126441	RBM44
10009	ENSG00000177485	700.086381	-0.13901363	0.09689572	0.1374416	0.31307018	ZBTB33
81470	ENSG00000177489	0	NA	NA	NA	NA	OR2G2
79413	ENSG00000177494	0	NA	NA	NA	NA	ZBED2
51480	ENSG00000177504	0	NA	NA	NA	NA	VCX2
79191	ENSG00000177508	506.61005	-0.36678414	0.11649859	0.00091788	0.0055034	IRX3
51046	ENSG00000177511	1647.09059	-2.40737672	0.09251207	1.77E-150	1.59E-147	ST8SIA3

56475	ENSG00000177519	89.5924147	1.9746695	0.26784198	1.19E-14	3.14E-13	RPRM
127623	ENSG00000177535	0	NA	NA	NA	NA	OR2B11
79751	ENSG00000177542	1318.55728	0.05279339	0.08812255	0.5373679	0.74759591	SLC25A22
79874	ENSG00000177548	286.708156	0.09431805	0.13924935	0.46688128	0.68982161	RABEP2
4808	ENSG00000177551	5.86674893	0.15501412	0.40341508	0.23403282	0.45093611	NHLH2
102724659	ENSG00000177553	0	NA	NA	NA	NA	C1orf167-AS1
475	ENSG00000177556	273.852098	0.32643878	0.14731719	0.01628658	0.0616652	ATOX1
148109	ENSG00000177558	0	NA	NA	NA	NA	FAM187B
79718	ENSG00000177565	2224.73087	0.24848625	0.0736161	0.00057689	0.00365668	TBL1XR1
401474	ENSG00000177570	2.7509509	-0.03777846	0.37858287	0.62733486	0.81091192	SAMD12
9332	ENSG00000177575	0	NA	NA	NA	NA	CD163
497661	ENSG00000177576	543.799057	0.29142053	0.29772977	0.17068981	0.36265644	C18orf32
NA	ENSG00000177586	0	NA	NA	NA	NA	OR7E149P
NA	ENSG00000177590	0	NA	NA	NA	NA	GIMAP3P
55367	ENSG00000177595	971.183866	0.46990927	0.0935261	2.20E-07	2.77E-06	PIDD1
100288208	ENSG00000177596	0.173124	-0.01911262	0.38486262	0.84537521	NA	
126069	ENSG00000177599	88.5315782	0.05166081	0.22240693	0.77738394	0.8979563	ZNF491
6181	ENSG00000177600	15990.9288	0.07325675	0.05488973	0.17701627	0.37183726	RPLP2
83903	ENSG00000177602	246.752081	-0.45152953	0.16845919	0.00306225	0.01540108	HASPIN
3725	ENSG00000177606	3279.88248	1.38357637	0.07450324	5.31E-78	1.04E-75	JUN
23283	ENSG00000177613	1217.33717	0.04318291	0.08450639	0.60001934	0.79083131	CSTF2T
79605	ENSG00000177614	493.514419	-2.76185956	0.14544326	9.69E-82	2.02E-79	PGBD5
121273	ENSG00000177627	0	NA	NA	NA	NA	C12orf54
2629	ENSG00000177628	817.570956	-0.24269225	0.10617111	0.01702719	0.06404159	GBA
255082	ENSG00000177640	58.9788998	0.54260438	0.32951354	0.02423791	0.08501712	CASC2
28976	ENSG00000177646	947.09921	0.09538828	0.09638521	0.30672934	0.53423845	ACAD9
23765	ENSG00000177663	8.02665796	-0.00969145	0.36754441	0.92180792	0.96719389	IL17RA
57104	ENSG00000177666	915.478539	0.159695	0.09828273	0.09257981	0.23530405	PNPLA2
619373	ENSG00000177669	5.6979679	0.00199759	0.35614405	0.99017707	0.99673744	MBOAT4
165100	ENSG00000177673	0	NA	NA	NA	NA	TEX44
57085	ENSG00000177674	289.802193	0.29459467	0.14030534	0.02375331	0.08363188	AGTRAP
283316	ENSG00000177675	66.8901971	-1.62773687	0.32670054	4.01E-08	5.58E-07	CD163L1
222183	ENSG00000177679	1867.87004	-1.28886019	0.07742423	3.11E-63	4.37E-61	SRRM3
168451	ENSG00000177683	788.042842	-0.18287504	0.10379918	0.06641621	0.18449981	THAP5
245928	ENSG00000177684	0	NA	NA	NA	NA	DEFB114
283229	ENSG00000177685	56.8845131	0.07179637	0.24336508	0.70838359	0.8597973	CRACR2B
387082	ENSG00000177688	1.80509735	0.0043994	0.37717304	0.9549297	NA	SUMO4
139422	ENSG00000177689	0	NA	NA	NA	NA	MAGEB10

54943	ENSG00000177692	26.1388594	0.13141477	0.31455766	0.501362	0.71841948	DNAJC28
26682	ENSG00000177693	0	NA	NA	NA	NA	OR4F4
254827	ENSG00000177694	9.15259905	0.04900351	0.35798506	0.72122151	0.86691933	NAALADL2
977	ENSG00000177697	2117.06785	0.15598968	0.07123685	0.02579022	0.08920466	CD151
100129540	ENSG00000177699	0.9574744	0.00409411	0.3809187	0.94080245	NA	
5441	ENSG00000177700	674.707739	0.05837515	0.09406311	0.52273823	0.73592404	POLR2L
56975	ENSG00000177706	1.06813846	0.07576372	0.39404622	0.14540818	NA	FAM20C
25945	ENSG00000177707	251.834745	1.68023228	0.20103718	4.63E-18	1.55E-16	NECTIN3
83650	ENSG00000177710	3.35071816	0.07061938	0.37555213	0.53199747	0.74324553	SLC35G5
389289	ENSG00000177721	4.93245147	0.28499973	0.51628438	0.04833253	0.14507071	ANXA2R
NA	ENSG00000177725	3.03394831	-0.22087344	0.47324085	0.02207339	0.07885057	
9772	ENSG00000177728	2875.79175	0.14561814	0.10154569	0.13634278	0.31138953	TMEM94
2314	ENSG00000177731	1106.95657	0.23729946	0.10373725	0.01730595	0.06488097	FLII
6666	ENSG00000177732	2918.07477	0.02061789	0.05965568	0.72701665	0.86953012	SOX12
10949	ENSG00000177733	8256.38798	0.00072717	0.05122317	0.9892657	0.99604194	HNRNPA0
NA	ENSG00000177736	0.16735865	0.01897177	0.38482933	0.78225479	NA	FXNP2
648987	ENSG00000177738	19.8758208	-0.07767644	0.32611901	0.66404877	0.83431586	
285525	ENSG00000177752	2.51737687	-0.05619384	0.37866156	0.54684104	NA	YIPF7
400728	ENSG00000177757	15.1733586	-0.34710794	0.46055711	0.1126542	0.27179207	FAM87B
NA	ENSG00000177770	0	NA	NA	NA	NA	CDKN2AIPNLP1
NA	ENSG00000177776	0	NA	NA	NA	NA	RPS2P2
105373159	ENSG00000177788	421.933511	-0.26861197	0.12257823	0.02033703	0.07384457	
58529	ENSG00000177791	8.93885014	0.00854525	0.34491854	0.95739484	0.98264776	MYOZ1
NA	ENSG00000177800	1.02477112	0.00735648	0.38089199	0.89488303	NA	TMEM78
NA	ENSG00000177803	0	NA	NA	NA	NA	YWHAQP4
3766	ENSG00000177807	5.39696165	0.10409247	0.38911836	0.30224945	0.52973755	KCNJ10
NA	ENSG00000177822	136.106673	-0.06075003	0.19094874	0.71267991	0.86169546	TENM3-AS1
66005	ENSG00000177830	1379.22897	0.09536966	0.07491265	0.19426405	0.39721723	CHID1
56127	ENSG00000177839	259.040779	0.50964086	0.18750948	0.00224722	0.01183251	PCDHB9
253639	ENSG00000177842	290.129056	-0.31909032	0.16338885	0.03077338	0.10232007	ZNF620
9849	ENSG00000177853	1064.73753	-0.00351107	0.09737215	0.96931908	0.98853525	ZNF518A
8269	ENSG00000177854	108.14198	-0.05425207	0.23073934	0.76765436	0.89306101	TMEM187
NA	ENSG00000177855	0.55699435	0.01254336	0.38329678	0.74045158	NA	CACYBPP2
374969	ENSG00000177868	273.242375	-0.18074631	0.1428207	0.17144071	0.36389846	SVBP
285267	ENSG00000177873	147.980965	-0.34008698	0.21646074	0.06140846	0.17449782	ZNF619
387856	ENSG00000177875	96.2873142	0.19647711	0.21182467	0.26967216	0.4928325	CCDC184
1176	ENSG00000177879	588.543771	0.0673004	0.09848877	0.48014094	0.70142083	AP3S1
2885	ENSG00000177885	3317.36699	-0.12350747	0.06503281	0.05343676	0.15657737	GRB2

360023	ENSG00000177888	624.041524	0.01325716	0.10650255	0.89781383	0.95520304	ZBTB41
7334	ENSG00000177889	2684.5713	-0.22535936	0.0735021	0.00175088	0.00955901	UBE2N
645961	ENSG00000177910	0	NA	NA	NA	NA	SPATA31C2
151188	ENSG00000177917	639.229563	-0.09811164	0.1005297	0.3111162	0.53874253	ARL6IP6
30832	ENSG00000177932	752.778999	-0.36012456	0.10094283	0.00020918	0.00148165	ZNF354C
93661	ENSG00000177938	0	NA	NA	NA	NA	CAPZA3
158056	ENSG00000177943	229.886693	0.18596131	0.32951096	0.35627344	0.58627757	MAMDC4
92806	ENSG00000177946	287.517387	0.01471538	0.14484049	0.91390919	0.96354333	CENPBD1
113746	ENSG00000177947	0	NA	NA	NA	NA	ODF3
51272	ENSG00000177951	839.026956	-0.13448645	0.09672617	0.15005936	0.33324129	BET1L
6232	ENSG00000177954	15199.7056	0.01375877	0.05332236	0.79527716	0.90586169	RPS27
60626	ENSG00000177963	2070.53393	-0.05806299	0.07282927	0.41642195	0.64306408	RIC8A
55272	ENSG00000177971	1115.65763	-0.13272001	0.07985427	0.09059952	0.23187492	IMP3
140461	ENSG00000177981	397.96259	-0.10563637	0.13165516	0.39180109	0.62114503	ASB8
389812	ENSG00000177984	21.976351	0.22715623	0.36405008	0.26200282	0.48394839	LCN15
440836	ENSG00000177989	147.67754	1.3535063	0.25022898	5.45E-09	8.49E-08	ODF3B
283417	ENSG00000177990	369.737752	-0.5533726	0.14598421	4.81E-05	0.00039523	DPY19L2
286234	ENSG00000177992	0.56767373	0.02627943	0.38574813	0.49686938	NA	SPATA31E1
100874123	ENSG00000177993	0	NA	NA	NA	NA	ZNRF3-AS1
129852	ENSG00000177994	1.2900775	0.05530874	0.38725416	0.29245582	NA	C2orf73
285601	ENSG00000178015	25.0505794	0.10081365	0.31834132	0.59502711	0.78790447	GPR150
388951	ENSG00000178021	0.173733	0.01914545	0.38484597	0.78225479	NA	TSPYL6
388886	ENSG00000178026	324.155259	0.10722901	0.15064848	0.44088439	0.66584047	LRRRC75B
55929	ENSG00000178028	696.846485	0.04509587	0.1189142	0.69001327	0.84966405	DMAPI
92949	ENSG00000178031	4.46867511	-0.00495475	0.37143599	0.95505417	0.98157246	ADAMTSL1
254228	ENSG00000178033	0.52980934	0.01391988	0.3829495	0.73845638	NA	CALHM5
3615	ENSG00000178035	3804.00475	-0.20198138	0.05698296	0.00033247	0.00224436	IMPDH2
259173	ENSG00000178038	33.6413268	-0.45647764	0.38733692	0.06302228	0.1779115	ALS2CL
4291	ENSG00000178053	249.43568	0.18466391	0.15407508	0.19042906	0.39167661	MLF1
339906	ENSG00000178055	0.99047471	-0.01444432	0.38065914	0.80629562	NA	PRSS42P
25915	ENSG00000178057	861.65808	0.28310332	0.09482742	0.00201896	0.01078516	NDUFAF3
205327	ENSG00000178074	332.571802	-0.06814183	0.12461085	0.56191381	0.76508177	C2orf69
54762	ENSG00000178075	100.192459	0.22776724	0.28721169	0.26499409	0.48718221	GRAMD1C
55620	ENSG00000178078	32.9163827	0.26267142	0.32221209	0.22067076	0.43304726	STAP2
89837	ENSG00000178081	37.0258738	0.18161583	0.30639753	0.37289157	0.60181964	ULK4P3
NA	ENSG00000178082	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TWF1P1
170572	ENSG00000178084	0	NA	NA	NA	NA	HTR3C
83983	ENSG00000178093	46.3112331	0.22030681	0.28769334	0.28408508	0.50919216	TSSK6

51027	ENSG00000178096	225.38797	-0.07679046	0.15740327	0.59182154	0.78640007	BOLA1
9659	ENSG00000178104	606.560892	-0.51431019	0.14291317	0.00011362	0.00085193	PDE4DIP
1662	ENSG00000178105	569.771021	-0.00170071	0.10622644	0.98518542	0.99475332	DDX10
NA	ENSG00000178107	0	NA	NA	NA	NA	
727909	ENSG00000178115	17.811858	-0.15017575	0.35386073	0.40539643	0.63375238	GOLGA8Q
728047	ENSG00000178115	17.811858	-0.15017575	0.35386073	0.40539643	0.63375238	GOLGA8Q
286187	ENSG00000178125	0.61572015	0.03581773	0.38655464	0.41248855	NA	PPP1R42
4729	ENSG00000178127	849.445464	0.04230764	0.09453417	0.6449546	0.82283284	NDUFV2
NA	ENSG00000178130	0	NA	NA	NA	NA	FAM27E5
NA	ENSG00000178146	0	NA	NA	NA	NA	GK4P
55152	ENSG00000178149	583.926125	0.18695161	0.11014704	0.07616651	0.20371308	DALRD3
163071	ENSG00000178150	84.9688136	-0.36995689	0.29013503	0.08517278	0.2214571	ZNF114
NA	ENSG00000178162	0.30001968	-0.02294462	0.38527539	0.68644637	NA	FAR2P2
85460	ENSG00000178163	345.653942	0.09294919	0.1431088	0.48436244	0.70452718	ZNF518B
205147	ENSG00000178171	301.080897	-2.99041783	0.19567966	1.97E-54	2.22E-52	AMER3
404203	ENSG00000178172	0	NA	NA	NA	NA	SPINK6
167465	ENSG00000178175	0	NA	NA	NA	NA	ZNF366
254251	ENSG00000178177	708.67627	0.07847516	0.11658765	0.48039207	0.70158112	LCORL
84552	ENSG00000178184	362.464798	0.43956712	0.13072346	0.00035126	0.00235839	PARD6G
285676	ENSG00000178187	83.7212085	0.27249372	0.23716384	0.1547672	0.34030142	ZNF454
25970	ENSG00000178188	1906.05307	0.1775946	0.07644537	0.0176867	0.06595943	SH2B1
340152	ENSG00000178199	3.00970201	0.06521518	0.38488569	0.31772081	0.54552842	ZC3H12D
57191	ENSG00000178201	23.8000168	0.07637734	0.30463056	0.68971921	0.84943947	VN1R1
143888	ENSG00000178202	882.547625	0.1879248	0.12035511	0.09952916	0.24838472	POGLUT3
5339	ENSG00000178209	4494.05147	-0.15787711	0.05554513	0.00404034	0.01947059	PLEC
387694	ENSG00000178217	1.15754537	0.01898254	0.38117088	0.74436376	NA	SH2D4B
285498	ENSG00000178222	67.6988493	0.31387269	0.30653173	0.14653471	0.32761423	RNF212
146547	ENSG00000178226	1.83570253	0.02716197	0.37757679	0.73354996	NA	PRSS36
125919	ENSG00000178229	135.850066	0.15854057	0.19031618	0.3389905	0.56924008	ZNF543
441151	ENSG00000178233	654.385093	-0.73472218	0.10080006	6.80E-14	1.70E-12	TMEM151B
63917	ENSG00000178234	1220.90531	0.08394954	0.07601121	0.26143312	0.4834405	GALNT11
114798	ENSG00000178235	0	NA	NA	NA	NA	SLITRK1
NA	ENSG00000178243	0	NA	NA	NA	NA	C9orf62
388882	ENSG00000178248	0	NA	NA	NA	NA	FAM230I
11180	ENSG00000178252	5923.21604	-0.04359711	0.05393973	0.40834571	0.63646625	WDR6
58531	ENSG00000178257	0	NA	NA	NA	NA	PRM3
7142	ENSG00000178279	0	NA	NA	NA	NA	TNP2
653423	ENSG00000178287	0	NA	NA	NA	NA	SPAG11A

348654	ENSG00000178295	1953.9692	-0.27458683	0.07196624	9.93E-05	0.00075606	GEN1
360200	ENSG00000178297	3.62242559	0.011204	0.37398944	0.89921944	0.95557174	TMPRSS9
282679	ENSG00000178301	31.1660451	0.00425374	0.28225597	0.98401284	0.99453916	AQP11
8834	ENSG00000178307	406.091682	-0.15586596	0.1186422	0.16592832	0.35616336	TMEM11
117608	ENSG00000178338	267.58527	0.1787644	0.13986398	0.16922679	0.36066812	ZNF354B
26251	ENSG00000178342	3.62822109	0.09387814	0.38708198	0.35469227	0.58520537	KCNG2
152573	ENSG00000178343	37.0273374	2.65777414	0.45646857	3.98E-10	7.20E-09	SHISA3
120775	ENSG00000178358	0	NA	NA	NA	NA	OR2D3
810	ENSG00000178363	0	NA	NA	NA	NA	CALML3
51806	ENSG00000178372	0	NA	NA	NA	NA	CALML5
90637	ENSG00000178381	153.021007	0.07248617	0.190775	0.66292665	0.83370086	ZFAND2A
389072	ENSG00000178385	557.478782	0.02717492	0.1227291	0.8161483	0.91637704	PLEKHM3
7766	ENSG00000178386	157.686027	0.16873993	0.20479371	0.33226364	0.56141294	ZNF223
3350	ENSG00000178394	0	NA	NA	NA	NA	HTR1A
164127	ENSG00000178395	0	NA	NA	NA	NA	CCDC185
84792	ENSG00000178397	462.718483	-0.24229023	0.14151921	0.06467101	0.18119939	FAM220A
79962	ENSG00000178401	25.8097226	2.51503656	0.53093399	1.33E-07	1.73E-06	DNAJC22
63973	ENSG00000178403	4832.88079	0.72273079	0.0590019	3.87E-35	2.63E-33	NEUROG2
100653515	ENSG00000178404	3.9586743	-0.01482645	0.36579177	0.89575342	0.95469109	CEP295NL
57673	ENSG00000178409	410.011449	-0.16271595	0.1187466	0.14827001	0.33052552	BEND3
284241	ENSG00000178412	0.79971516	-0.00577684	0.38215497	0.90182286	NA	
221294	ENSG00000178425	310.678291	0.34931916	0.14391017	0.00870668	0.03700527	NT5DC1
NA	ENSG00000178429	8.13463755	-0.03591301	0.34816673	0.81096556	0.91443142	RPS3AP5
NA	ENSG00000178440	347.72363	0.28963725	0.13734364	0.02364979	0.08332657	TIMM23B-AGAP6
2731	ENSG00000178445	921.526129	-0.04904717	0.14212078	0.70897894	0.8603145	GLDC
84987	ENSG00000178449	217.891213	0.07396535	0.17312549	0.63330126	0.81478111	COX14
246705	ENSG00000178457	0	NA	NA	NA	NA	LINC00314
NA	ENSG00000178458	1.02058948	-0.02089271	0.38105229	0.72518351	NA	H3P16
157777	ENSG00000178460	11.998771	-0.14410901	0.36571766	0.39632473	0.62564311	MCMDC2
79861	ENSG00000178462	0	NA	NA	NA	NA	TUBAL3
NA	ENSG00000178464	1.10850786	-0.02630484	0.38212841	0.64133864	NA	RPL10P16
54681	ENSG00000178467	2.02986455	0.00455933	0.37747651	0.94929687	NA	P4HTM
114131	ENSG00000178473	0	NA	NA	NA	NA	UCN3
196403	ENSG00000178498	1483.80602	0.15981212	0.07789947	0.03603043	0.11591433	DTX3
55175	ENSG00000178502	353.436117	-0.3780579	0.14023487	0.00374567	0.01825637	KLHL11
NA	ENSG00000178503	0	NA	NA	NA	NA	NECAP1P1
258	ENSG00000178522	0	NA	NA	NA	NA	AMBN
404217	ENSG00000178531	1741.0163	0.27929322	0.07595966	0.0001719	0.00124018	CTXN1

788	ENSG00000178537	327.552836	-0.08887706	0.12872159	0.46275813	0.6855676	SLC25A20
767	ENSG00000178538	14.4124011	0.19458446	0.40923703	0.19534759	0.39889833	CA8
NA	ENSG00000178556	0	NA	NA	NA	NA	CKS1BP6
940	ENSG00000178562	0	NA	NA	NA	NA	CD28
9852	ENSG00000178567	1219.58778	-0.23766852	0.09326953	0.00844692	0.03608673	EPM2AIP1
2066	ENSG00000178568	19.0197734	0.22346855	0.37948092	0.25415176	0.47466543	ERBB4
4094	ENSG00000178573	5.80681331	-0.13203792	0.394185	0.2709755	0.49431353	MAF
56998	ENSG00000178585	783.613576	0.23271545	0.09703105	0.01299583	0.05142908	CTNNBIP1
150681	ENSG00000178586	0	NA	NA	NA	NA	OR6B3
245938	ENSG00000178591	0	NA	NA	NA	NA	DEFB125
NA	ENSG00000178596	0	NA	NA	NA	NA	GAPDHP29
768239	ENSG00000178597	0	NA	NA	NA	NA	PSAPL1
150677	ENSG00000178602	0	NA	NA	NA	NA	OTOS
8225	ENSG00000178605	907.194906	-0.03227419	0.09229158	0.71253599	0.86169546	GTPBP6
2081	ENSG00000178607	438.586292	0.16004513	0.14648791	0.23598751	0.45280389	ERN1
2859	ENSG00000178623	20.8811978	0.27035331	0.44415168	0.14250728	0.32128606	GPR35
NA	ENSG00000178631	11.1330842	0.09712437	0.3502562	0.56049104	0.7641659	ACTG1P1
NA	ENSG00000178636	0	NA	NA	NA	NA	
282966	ENSG00000178645	2.77882287	0.04409403	0.37491078	0.6554463	0.8285476	C10orf53
NA	ENSG00000178654	0	NA	NA	NA	NA	PPIAP33
NA	ENSG00000178660	0.81287042	0.0158478	0.38192767	0.7585084	NA	ARMC10P1
80034	ENSG00000178662	685.688279	-0.47750757	0.13168209	0.00011522	0.00086261	CSRNP3
349075	ENSG00000178665	303.673093	-0.39662059	0.17101086	0.0098593	0.0409823	ZNF713
84875	ENSG00000178685	16.4922579	-0.13769662	0.36261043	0.41342912	0.64066701	PARP10
284254	ENSG00000178690	0	NA	NA	NA	NA	DYNAP
23512	ENSG00000178691	1458.52906	-0.31678833	0.08142427	6.42E-05	0.00051305	SUZ12
63899	ENSG00000178694	299.504689	-0.25978412	0.17176334	0.09011034	0.23086121	NSUN3
115207	ENSG00000178695	727.36454	-1.38422368	0.10117289	1.25E-43	1.07E-41	KCTD12
200895	ENSG00000178700	261.412173	-0.00488548	0.14951975	0.97061608	0.9889696	DHFR2
NA	ENSG00000178715	0.99877021	0.00589672	0.37927292	0.92785106	NA	
54913	ENSG00000178718	750.968163	-1.12892707	0.11091136	2.79E-25	1.34E-23	RPP25
2907	ENSG00000178719	1834.31787	-0.21139755	0.07248744	0.00292716	0.014815	GRINA
285668	ENSG00000178722	0.50544106	0.03058872	0.38599731	0.48636788	NA	C5orf64
NA	ENSG00000178723	0	NA	NA	NA	NA	GLULP4
7056	ENSG00000178726	0	NA	NA	NA	NA	THBD
2814	ENSG00000178732	1.67230964	-0.02201813	0.37758524	0.77598962	NA	GP5
729420	ENSG00000178734	0	NA	NA	NA	NA	LMO7DN
9377	ENSG00000178741	1205.93733	-0.08974061	0.0774458	0.23620434	0.4530211	COX5A

415117	ENSG00000178750	0.64944402	-0.03790105	0.3868082	0.40861375	NA	STX19
151176	ENSG00000178752	159.363113	0.60521133	0.19076745	0.00040715	0.00268901	ERFE
57184	ENSG00000178761	1321.46143	0.36058016	0.08534605	1.41E-05	0.00013058	FAM219B
NA	ENSG00000178762	0	NA	NA	NA	NA	H2BC2P
22882	ENSG00000178764	95.709881	0.2493036	0.22397487	0.1769986	0.37183726	ZHX2
1370	ENSG00000178772	0	NA	NA	NA	NA	CPN2
27132	ENSG00000178773	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CPNE7
389336	ENSG00000178776	0	NA	NA	NA	NA	C5orf46
124599	ENSG00000178789	0	NA	NA	NA	NA	CD300LB
220032	ENSG00000178795	0.45209736	-0.02505403	0.38558831	0.57865948	NA	GDPD4
284485	ENSG00000178796	17.6792732	-1.87449337	0.74150695	0.00043536	0.00285919	RIIAD1
4351	ENSG00000178802	614.142434	0.07230608	0.12742272	0.54718425	0.75424436	MPI
646023	ENSG00000178803	59.4252054	1.22287889	0.33795407	2.57E-05	0.00022491	ADORA2A-AS1
132243	ENSG00000178804	0	NA	NA	NA	NA	H1-8
375593	ENSG00000178809	77.6077269	1.35220552	0.33928722	4.93E-06	4.97E-05	TRIM73
26873	ENSG00000178814	4.16176063	-0.05688562	0.37759508	0.55313247	0.75940406	OPLAH
339456	ENSG00000178821	18.9688713	0.15265624	0.36312525	0.3803023	0.60931904	TMEM52
135932	ENSG00000178826	13.8066179	0.19653608	0.3929892	0.25891419	0.48036523	TMEM139
54546	ENSG00000178828	0	NA	NA	NA	NA	RNF186
100286922	ENSG00000178836	0	NA	NA	NA	NA	
124989	ENSG00000178852	38.0833892	-0.45748603	0.42355368	0.06478582	0.181378	EFCAB13
9242	ENSG00000178860	0	NA	NA	NA	NA	MSC
81575	ENSG00000178878	342.544949	0.87680656	0.16340565	1.25E-08	1.88E-07	APOLD1
144347	ENSG00000178882	50.2192123	0.29356156	0.33953213	0.17666644	0.37141698	RFLNA
100533183	ENSG00000178882	50.2192123	0.29356156	0.33953213	0.17666644	0.37141698	RFLNA
54512	ENSG00000178896	804.376664	-0.11354536	0.1032947	0.2522505	0.47222371	EXOSC4
147991	ENSG00000178904	1646.86979	-0.20246679	0.08477176	0.0141025	0.05489379	DPY19L3
6879	ENSG00000178913	2144.98048	-0.14862783	0.06490948	0.02003335	0.07300914	TAF7
285346	ENSG00000178917	206.794026	-0.07330227	0.16701682	0.62505544	0.80894324	ZNF852
2304	ENSG00000178919	0	NA	NA	NA	NA	FOXE1
5198	ENSG00000178921	1609.91528	-0.21474545	0.08388559	0.00870921	0.03700808	PFAS
81888	ENSG00000178922	269.014884	0.20104167	0.13897299	0.1199985	0.28519048	HYI
79415	ENSG00000178927	1615.49228	0.06776012	0.0837221	0.4075869	0.63598301	CYBC1
284355	ENSG00000178928	0	NA	NA	NA	NA	TPRX1
3963	ENSG00000178934	0	NA	NA	NA	NA	LGALS7B
653499	ENSG00000178934	0	NA	NA	NA	NA	LGALS7B
79818	ENSG00000178935	122.989779	-0.09772392	0.23637468	0.59945525	0.79057618	ZNF552
399668	ENSG00000178947	51.1277134	1.92212867	0.36382455	8.43E-09	1.28E-07	SMIM10L2A

2580	ENSG00000178950	1757.38279	0.25039367	0.0854147	0.00258406	0.01335035	GAK
51341	ENSG00000178951	615.990795	-0.14552209	0.1093421	0.16254746	0.35133911	ZBTB7A
7284	ENSG00000178952	5608.60468	0.00307405	0.0584192	0.95829477	0.98281563	TUFM
127254	ENSG00000178965	82.4621485	-4.14240759	0.45025211	1.72E-21	6.88E-20	ERICH3
80010	ENSG00000178966	537.731556	-0.50446282	0.11135197	2.27E-06	2.42E-05	RMI1
80169	ENSG00000178971	598.205937	0.14460162	0.10714656	0.15930126	0.34688536	CTC1
55030	ENSG00000178974	531.715302	0.00412126	0.10387165	0.9682412	0.98809325	FBXO34
284029	ENSG00000178977	11.5001909	-0.19950976	0.40754473	0.22280644	0.43585878	LINC00324
6415	ENSG00000178980	1171.34182	-0.06602582	0.08825161	0.44099805	0.66591075	SELENOW
27335	ENSG00000178982	2078.607	0.03629485	0.07173068	0.60718196	0.79658855	EIF3K
114932	ENSG00000178988	1465.90644	-0.34644477	0.07977445	8.61E-06	8.28E-05	MRFAP1L1
112574	ENSG00000178996	315.368381	-0.25398243	0.14160814	0.05277947	0.15510956	SNX18
161829	ENSG00000178997	2.35970785	-0.015353	0.37955794	0.82841235	NA	EXD1
9212	ENSG00000178999	1062.47032	0.19504698	0.08576775	0.01950908	0.07147926	AURKB
80834	ENSG00000179002	0	NA	NA	NA	NA	TAS1R2
317761	ENSG00000179008	37.251711	-0.17361667	0.32207078	0.38267328	0.61198112	C14orf39
93621	ENSG00000179010	5287.97478	-0.14548128	0.05495673	0.00743109	0.03248133	MRFAP1
285237	ENSG00000179021	301.966148	0.01501105	0.13120161	0.90403942	0.95807607	C3orf38
127707	ENSG00000179023	0.74951642	-0.04342943	0.38756505	0.34479115	NA	KLHDC7A
84314	ENSG00000179029	167.976762	0.14162906	0.17315358	0.36049997	0.5904664	TMEM107
NA	ENSG00000179031	0.50207596	0.02562368	0.38565771	0.52549886	NA	NSA2P3
NA	ENSG00000179038	0.51331499	0.01065258	0.38327774	0.77572498	NA	
23212	ENSG00000179041	798.013271	-0.04973847	0.10154533	0.61005244	0.79837997	RRS1
283849	ENSG00000179044	13.074799	-0.30330918	0.46177226	0.12202431	0.28884077	EXOC3L1
205860	ENSG00000179046	0	NA	NA	NA	NA	TRIML2
55920	ENSG00000179051	7879.45498	-0.13436141	0.05221272	0.00933564	0.0392081	RCC2
286365	ENSG00000179055	0	NA	NA	NA	NA	OR13D1
283284	ENSG00000179057	13.9376939	0.02319388	0.35867137	0.85985286	0.93754016	IGSF22
375759	ENSG00000179058	11.2339888	0.23797935	0.42017416	0.18948251	0.39045835	C9orf50
132625	ENSG00000179059	0	NA	NA	NA	NA	ZFP42
NA	ENSG00000179066	2.34946023	0.12116545	0.40584433	0.1273233	NA	
220388	ENSG00000179071	14.4512556	-0.31428922	0.43420106	0.13900572	0.31576294	CCDC89
9288	ENSG00000179073	0	NA	NA	NA	NA	TAAR3P
NA	ENSG00000179082	2.70042498	0.06189462	0.37958819	0.51518812	0.72962613	C9orf106
286499	ENSG00000179083	1.27253463	0.00909548	0.38021527	0.8813383	NA	FAM133A
54344	ENSG00000179085	435.743132	0.11815744	0.11244445	0.27179039	0.49516265	DPM3
374470	ENSG00000179088	0	NA	NA	NA	NA	C12orf42
1537	ENSG00000179091	1769.73695	0.07003656	0.07593157	0.34722372	0.57794986	CYC1

5187	ENSG00000179094	564.422331	0.22155136	0.16870503	0.14316518	0.32228142	PER1
3355	ENSG00000179097	0	NA	NA	NA	NA	HTR1F
NA	ENSG00000179101	0.15069912	-0.01848503	0.38480575	0.84537521	NA	H3P47
160335	ENSG00000179104	1281.59639	0.01526997	0.07401726	0.83412506	0.92432089	TMTC2
84667	ENSG00000179111	56.4329878	2.05893123	0.36261721	8.22E-10	1.43E-08	HES7
2193	ENSG00000179115	3345.21397	0.06690827	0.07376539	0.35576255	0.58599659	FARSA
144108	ENSG00000179119	656.23932	0.22431801	0.10009713	0.02000195	0.07294827	SPTY2D1
NA	ENSG00000179131	0.6511535	0.00367376	0.38250135	0.93040605	NA	
256815	ENSG00000179133	1.5351185	0.04633005	0.38477194	0.41931537	NA	C10orf67
55095	ENSG00000179134	2208.11035	0.06768027	0.07604445	0.36434047	0.59405941	SAMD4B
284034	ENSG00000179136	0	NA	NA	NA	NA	LINC00670
NA	ENSG00000179141	0.53290632	0.01988167	0.38349612	0.67961517	NA	MTUS2-AS1
1585	ENSG00000179142	0	NA	NA	NA	NA	CYP11B2
168537	ENSG00000179144	0	NA	NA	NA	NA	GIMAP7
59344	ENSG00000179148	11.254009	-0.2813108	0.45112703	0.13650941	0.31158286	ALOXE3
80153	ENSG00000179151	1410.2616	0.04560574	0.08091417	0.56302375	0.76597094	EDC3
285343	ENSG00000179152	583.456601	0.03166483	0.11523643	0.77405505	0.89604057	TCAIM
NA	ENSG00000179157	0	NA	NA	NA	NA	RPS2P28
2517	ENSG00000179163	196.522354	0.28486217	0.16846175	0.05994198	0.17111821	FUCA1
222659	ENSG00000179165	0.36242552	0.00096442	0.38336476	0.96669627	NA	PXT1
199720	ENSG00000179168	28.2343118	0.06050883	0.30467315	0.74937042	0.88205755	GGN
NA	ENSG00000179170	0	NA	NA	NA	NA	OR7E97P
343069	ENSG00000179172	0	NA	NA	NA	NA	HNRNPCL1
128218	ENSG00000179178	0	NA	NA	NA	NA	TMEM125
144348	ENSG00000179195	5997.23696	-0.15267676	0.05162702	0.00285498	0.01452751	ZNF664
284369	ENSG00000179213	0	NA	NA	NA	NA	SIGLECL1
811	ENSG00000179218	12294.0813	0.46733936	0.08772421	4.44E-08	6.14E-07	CALR
NA	ENSG00000179219	1.12402921	0.01595474	0.38002808	0.80244378	NA	LINC00311
9500	ENSG00000179222	7550.86403	-0.08741783	0.07065281	0.20763481	0.41489321	MAGED1
100506127	ENSG00000179240	726.416163	0.15913266	0.11034485	0.13155471	0.30427203	GVQW3
143458	ENSG00000179241	1526.45758	-1.36549354	0.08560313	2.42E-58	3.02E-56	LDLRAD3
1002	ENSG00000179242	9.55487673	-0.19943457	0.40467819	0.2316801	0.44822361	CDH4
100128310	ENSG00000179253	0	NA	NA	NA	NA	
440087	ENSG00000179256	1.63855702	-0.03819293	0.38062094	0.59839428	NA	SMCO3
5886	ENSG00000179262	1894.56579	0.15274661	0.07637416	0.04110732	0.12809316	RAD23A
388939	ENSG00000179270	2.89148372	-0.079196	0.38455459	0.39900513	0.62780637	PCARE
90480	ENSG00000179271	1403.45061	0.13590058	0.07207769	0.05486614	0.15989192	GADD45GIP1
NA	ENSG00000179277	68.345089	0.59025778	0.37456741	0.02292811	0.08127455	MEIS3P1

199699	ENSG00000179284	473.324187	-0.65797757	0.12596832	4.38E-08	6.06E-07	DAND5
256472	ENSG00000179292	265.050419	-1.75638498	0.16423192	8.45E-28	4.48E-26	TMEM151A
5781	ENSG00000179295	3835.19586	-0.26856873	0.0753589	0.00026815	0.00184983	PTPN11
79730	ENSG00000179299	162.373971	0.13565824	0.20450825	0.43494322	0.66028567	NSUN7
203430	ENSG00000179300	0	NA	NA	NA	NA	RTL3
727866	ENSG00000179304	340.5227	-0.18055851	0.18084205	0.25692251	0.47795055	FAM156B
23302	ENSG00000179314	2.90451731	-0.03512095	0.37367039	0.71732891	0.86394741	WSCD1
54734	ENSG00000179331	495.989912	-0.99608536	0.11393182	3.11E-19	1.12E-17	RAB39A
1198	ENSG00000179335	1394.05994	0.23118073	0.08348394	0.00448237	0.0212396	CLK3
NA	ENSG00000179342	0.66399629	0.0038693	0.3819207	0.93405804	NA	
3119	ENSG00000179344	0	NA	NA	NA	NA	HLA-DQB1
2624	ENSG00000179348	19449.3206	0.23476393	0.06334832	0.00016978	0.0012267	GATA2
10620	ENSG00000179361	792.023112	0.55658972	0.09345276	8.83E-10	1.53E-08	ARID3B
NA	ENSG00000179362	0.67183493	0.0229586	0.38322735	0.6051825	NA	HMGN2P46
203562	ENSG00000179363	3.35785905	0.12451246	0.39617323	0.2651833	0.48737717	TMEM31
23241	ENSG00000179364	2191.65402	0.21935349	0.0635224	0.00045714	0.0029864	PACS2
NA	ENSG00000179381	0	NA	NA	NA	NA	OR4K11P
255520	ENSG00000179387	1424.34005	-0.36922683	0.08017991	2.38E-06	2.53E-05	ELMOD2
1960	ENSG00000179388	12.4128668	2.16250147	0.8722672	0.00053464	0.00341837	EGR3
257044	ENSG00000179397	7.69749471	0.20514492	0.42672746	0.15761862	0.34451398	CATSPERE
2262	ENSG00000179399	21.501492	-0.01632313	0.32123629	0.92425248	0.96852	GPC5
64856	ENSG00000179403	177.651169	-0.26563356	0.18976407	0.10749002	0.26289472	VWA1
285908	ENSG00000179406	523.825486	-0.1711253	0.10704599	0.09501007	0.23991343	LINC00174
165721	ENSG00000179407	4.87236174	0.00617433	0.35949169	0.96346684	0.98545957	DNAJB8
50628	ENSG00000179409	909.030725	-0.27932431	0.10159203	0.0042341	0.02025179	GEMIN4
101060301	ENSG00000179412	0	NA	NA	NA	NA	HNRNPCL4
NA	ENSG00000179420	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR6W1P
541472	ENSG00000179428	0	NA	NA	NA	NA	IL6-AS1
24147	ENSG00000179431	798.647224	-1.62689418	0.12112825	3.02E-42	2.41E-40	FJX1
NA	ENSG00000179443	0	NA	NA	NA	NA	OR13C6P
100130264	ENSG00000179447	0	NA	NA	NA	NA	SLC24A3-AS1
100287948	ENSG00000179452	0	NA	NA	NA	NA	LINC01699
54813	ENSG00000179454	297.54259	0.08740362	0.15189045	0.53330772	0.74452219	KLHL28
7681	ENSG00000179455	250.055144	0.41219287	0.15845071	0.00443623	0.02105615	MKRN3
10472	ENSG00000179456	1433.13736	1.02984975	0.07977821	5.56E-39	4.19E-37	ZBTB18
NA	ENSG00000179460	0	NA	NA	NA	NA	EEF1A1P27
135924	ENSG00000179468	0	NA	NA	NA	NA	OR9A2
122525	ENSG00000179476	17.7043895	-0.10880737	0.32490075	0.55963034	0.76413192	C14orf28

242	ENSG00000179477	14.6827427	-0.24104684	0.41117629	0.19604523	0.39974691	ALOX12B
246213	ENSG00000179520	0	NA	NA	NA	NA	SLC17A8
645212	ENSG00000179523	180.533377	0.20517275	0.16879917	0.17593999	0.37020356	EIF3J-DT
81858	ENSG00000179526	638.66546	0.2202354	0.10301036	0.02615003	0.0902133	SHARPIN
85474	ENSG00000179528	72.8635169	1.87843063	0.37583559	3.00E-08	4.24E-07	LBX2
144132	ENSG00000179532	610.059391	0.63758882	0.12463206	8.49E-08	1.13E-06	DNHD1
139065	ENSG00000179542	0	NA	NA	NA	NA	SLITRK4
3352	ENSG00000179546	0.54607335	0.03261306	0.38620451	0.45608999	NA	HTR1D
79571	ENSG00000179562	846.802083	-0.15794458	0.10471597	0.11611584	0.27839903	GCC1
132228	ENSG00000179564	0.82952557	-0.01007874	0.38156424	0.84666063	NA	LSMEM2
NA	ENSG00000179571	0	NA	NA	NA	NA	NBPF17P
NA	ENSG00000179577	0	NA	NA	NA	NA	
146310	ENSG00000179580	0.78820934	-0.02799992	0.38348471	0.55826532	NA	RNF151
4261	ENSG00000179583	47.2976088	-0.52064332	0.37757367	0.03752118	0.11968171	CIITA
161882	ENSG00000179588	594.123098	-0.48357852	0.13042441	8.30E-05	0.00064426	ZFPM1
247	ENSG00000179593	0	NA	NA	NA	NA	ALOX15B
201164	ENSG00000179598	285.199802	-0.30273737	0.14855502	0.0266795	0.09159412	PLD6
122876	ENSG00000179600	0	NA	NA	NA	NA	GPHB5
2918	ENSG00000179603	287.770769	-1.97191662	0.26492043	3.57E-15	9.93E-14	GRM8
23580	ENSG00000179604	991.078853	0.5692286	0.09885061	2.78E-09	4.49E-08	CDC42EP4
NA	ENSG00000179611	0.69605637	0.02462452	0.3833564	0.58388227	NA	DGKZP1
121129	ENSG00000179615	0	NA	NA	NA	NA	OR2AP1
341418	ENSG00000179626	0	NA	NA	NA	NA	OR6C4
100128927	ENSG00000179627	152.36081	0.23353367	0.19253967	0.16233526	0.35102057	ZBTB42
144811	ENSG00000179630	69.2353143	0.17401127	0.27862059	0.3848	0.61378186	LACC1
84232	ENSG00000179632	2065.75267	0.08411744	0.07808197	0.27144303	0.49480244	MAF1
122664	ENSG00000179636	0	NA	NA	NA	NA	TPPP2
2205	ENSG00000179639	0	NA	NA	NA	NA	FCER1A
388394	ENSG00000179673	0.90361723	0.03142195	0.38455169	0.48209261	NA	RPRML
80117	ENSG00000179674	0	NA	NA	NA	NA	ARL14
221241	ENSG00000179676	0	NA	NA	NA	NA	LINC00305
341416	ENSG00000179695	0	NA	NA	NA	NA	OR6C2
340390	ENSG00000179698	49.4527267	0.28287897	0.30957721	0.18610884	0.38570975	WDR97
126205	ENSG00000179709	0	NA	NA	NA	NA	NLRP8
91523	ENSG00000179715	0	NA	NA	NA	NA	PCED1B
729614	ENSG00000179743	195.686389	0.12449152	0.16150106	0.39646172	0.62574149	
9582	ENSG00000179750	0	NA	NA	NA	NA	APOBEC3B
342898	ENSG00000179751	0	NA	NA	NA	NA	SYCN

NA	ENSG00000179755	0	NA	NA	NA	NA	
51268	ENSG00000179761	58.244991	0.17757284	0.27623858	0.37639541	0.6053339	PIPOX
158381	ENSG00000179766	0.34034124	0.00295036	0.38339048	0.96028375	NA	ATP8B5P
2307	ENSG00000179772	0	NA	NA	NA	NA	FOXS1
220202	ENSG00000179774	5.74044398	0.1420166	0.39389395	0.29023627	0.51620656	ATOH7
1003	ENSG00000179776	0.18922458	0.01954053	0.38488496	0.78225479	NA	CDH5
116135	ENSG00000179796	1.88087679	0.13537473	0.41739912	0.03033852	NA	LRRC3B
NA	ENSG00000179799	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR7E22P
144809	ENSG00000179813	0	NA	NA	NA	NA	FAM216B
117196	ENSG00000179817	0	NA	NA	NA	NA	MRGPRX4
400960	ENSG00000179818	449.892744	0.14393821	0.12953145	0.23749604	0.45473088	PCBP1-AS1
91663	ENSG00000179820	932.859474	0.07107029	0.09475616	0.43933117	0.66465842	MYADM
117195	ENSG00000179826	0	NA	NA	NA	NA	MRGPRX3
727957	ENSG00000179832	590.214703	-0.01613226	0.09918332	0.86509302	0.94028794	MROH1
9792	ENSG00000179833	545.513217	0.41252415	0.1684047	0.00662216	0.02950451	SERTAD2
644997	ENSG00000179840	0	NA	NA	NA	NA	PIK3CD-AS1
9495	ENSG00000179841	114.952985	-0.52963338	0.23556933	0.00738621	0.0323208	AKAP5
284353	ENSG00000179846	21.7445841	-1.19596755	0.56437732	0.00220057	0.01162386	NKPD1
126326	ENSG00000179855	15.4075157	0.11611457	0.34369753	0.51440759	0.72931984	GIPC3
284023	ENSG00000179859	124.764377	0.03822938	0.22052117	0.83360608	0.92422788	RNF227
163732	ENSG00000179862	31.6353214	0.28784165	0.34299984	0.18688979	0.38676207	CITED4
154664	ENSG00000179869	0	NA	NA	NA	NA	ABCA13
204801	ENSG00000179873	0	NA	NA	NA	NA	NLRP11
84948	ENSG00000179886	526.2292	-0.09827178	0.10301758	0.32081648	0.54867706	TIGD5
23042	ENSG00000179889	1409.48356	-0.29102525	0.09143997	0.00101086	0.00596003	PDXDC1
NA	ENSG00000179899	491.841297	0.06423514	0.12060421	0.57559259	0.77444446	PHC1P1
127003	ENSG00000179902	0.64103849	0.00333272	0.38196039	0.94259469	NA	C1orf194
7710	ENSG00000179909	18.3044164	-0.24276811	0.37571657	0.23281334	0.4497582	ZNF154
22864	ENSG00000179912	1639.14087	0.16962576	0.21677145	0.34797722	0.57864958	R3HDM2
10331	ENSG00000179913	3.93265368	-0.09593285	0.3845475	0.38116576	0.61011123	B3GNT3
55600	ENSG00000179914	0	NA	NA	NA	NA	ITLN1
9378	ENSG00000179915	335.179935	-2.53722638	0.23209789	2.79E-29	1.57E-27	NRXN1
22928	ENSG00000179918	704.169253	-0.34180547	0.09710692	0.0002642	0.00182871	SEPHS2
121364	ENSG00000179919	0	NA	NA	NA	NA	OR10A7
151306	ENSG00000179921	9.8742744	-0.1470023	0.37447196	0.36673989	0.59606123	GPBAR1
147808	ENSG00000179922	183.103075	0.0680656	0.15923041	0.63965902	0.81929212	ZNF784
127665	ENSG00000179930	11.9308662	0.04457722	0.33529941	0.79184917	0.90499209	ZNF648
55017	ENSG00000179933	420.218065	0.02408445	0.11985336	0.83332744	0.92415967	C14orf119

1237	ENSG00000179934	0	NA	NA	NA	NA	CCR8
NA	ENSG00000179935	3.38017786	-0.05173074	0.3728049	0.63499887	0.81627431	LINC00652
653073	ENSG00000179938	2.43438211	0.12857222	0.41291282	0.05511344	NA	GOLGA8J
79738	ENSG00000179941	558.932668	0.00644261	0.11049964	0.95276591	0.98058207	BBS10
84922	ENSG00000179943	585.51575	0.0652645	0.11743929	0.55994272	0.76415299	FIZ1
22827	ENSG00000179950	2590.73393	0.11191533	0.06388052	0.07556958	0.20252608	PUF60
284297	ENSG00000179954	25.3155096	0.10250823	0.31093769	0.59454709	0.78775306	SSC5D
79077	ENSG00000179958	763.843985	-0.44007011	0.09390789	1.30E-06	1.45E-05	DCTPP1
51333	ENSG00000179965	216.796361	-0.0714475	0.15896812	0.62056133	0.80638832	ZNF771
NA	ENSG00000179967	1.15669714	0.01660958	0.37989121	0.7970795	NA	PPP1R14BP3
NA	ENSG00000179978	651.283275	0.45418347	0.11462153	3.33E-05	0.00028437	NAIPP2
10194	ENSG00000179981	571.580633	0.28736203	0.10504279	0.00434735	0.02072355	TSHZ1
118672	ENSG00000179988	88.3200295	0.07210176	0.21894215	0.69045471	0.85000133	PSTK
441251	ENSG00000179994	0.173733	0.01914545	0.38484597	0.78225479	NA	SPDYE7P
NA	ENSG00000179997	0	NA	NA	NA	NA	RPA3P1
122809	ENSG00000180008	1220.58791	-0.13627833	0.1026029	0.16709532	0.35804851	SOCS4
284273	ENSG00000180011	763.34358	0.08297409	0.13214732	0.50330423	0.72006071	ZADH2
NA	ENSG00000180015	23.6220553	-0.19890674	0.34196536	0.32110317	0.54886593	
8387	ENSG00000180016	0	NA	NA	NA	NA	OR1E1
NA	ENSG00000180019	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
197407	ENSG00000180035	1078.71749	0.25976032	0.09523052	0.00477681	0.02234661	ZNF48
NA	ENSG00000180042	0	NA	NA	NA	NA	OR1R1P
284418	ENSG00000180043	0	NA	NA	NA	NA	FAM71E2
401097	ENSG00000180044	8.00148977	-0.22481678	0.4337138	0.15692102	0.34373985	C3orf80
137814	ENSG00000180053	0	NA	NA	NA	NA	NKX2-6
284417	ENSG00000180061	0.33471731	0.02354391	0.38534154	0.62842204	NA	TMEM150B
NA	ENSG00000180066	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02870
NA	ENSG00000180068	0	NA	NA	NA	NA	OR3A4P
253650	ENSG00000180071	284.590223	-0.74640904	0.17264058	2.94E-06	3.08E-05	ANKRD18A
259239	ENSG00000180083	0	NA	NA	NA	NA	WFDC11
255043	ENSG00000180089	68.9736613	0.09992781	0.23528227	0.59462239	0.78780021	TMEM86B
4994	ENSG00000180090	0	NA	NA	NA	NA	OR3A1
1731	ENSG00000180096	42.8669524	-0.0586965	0.26715798	0.75960455	0.88850157	SEPTIN1
54952	ENSG00000180098	318.635882	0.07278233	0.15711603	0.61263538	0.80056246	TRNAU1AP
11336	ENSG00000180104	985.074731	-0.00409414	0.08136009	0.95817692	0.98274556	EXOC3
NA	ENSG00000180105	0	NA	NA	NA	NA	ACER2P1
221400	ENSG00000180113	0.34746601	0.02370763	0.3853651	0.61987128	NA	TDRD6
283461	ENSG00000180116	1.40567573	-0.04465103	0.38346077	0.48196492	NA	C12orf40

122011	ENSG00000180138	0	NA	NA	NA	NA	CSNK1A1L
NA	ENSG00000180139	3.3182044	-0.01220471	0.37152256	0.8969254	0.95487211	ACTA2-AS1
NA	ENSG00000180150	0	NA	NA	NA	NA	HMG2P9
NA	ENSG00000180152	0	NA	NA	NA	NA	XIAPP3
66004	ENSG00000180155	98.9214791	0.81732916	0.40423669	0.00482549	0.02254772	LYNX1
NA	ENSG00000180172	0	NA	NA	NA	NA	RPS12P23
7054	ENSG00000180176	3.3145817	-0.09817112	0.38473276	0.37592694	0.60500552	TH
NA	ENSG00000180178	0	NA	NA	NA	NA	FAR2P1
9282	ENSG00000180182	1567.43842	0.12942215	0.1001616	0.18065114	0.37770382	MED14
81889	ENSG00000180185	472.846964	0.01321433	0.1305284	0.91532986	0.96406776	FAHD1
NA	ENSG00000180189	3.3529607	-0.00565818	0.36674214	0.9577635	0.98264776	HMGB1P14
157695	ENSG00000180190	359.833354	-0.01460011	0.12602701	0.89722466	0.95488961	TDRP
1104	ENSG00000180198	1655.01184	-0.07401262	0.07090484	0.28755781	0.51323739	RCC1
259240	ENSG00000180205	0	NA	NA	NA	NA	WFDC9
29895	ENSG00000180209	1.12172923	-0.06172621	0.39092167	0.19353557	NA	MYLPF
2147	ENSG00000180210	0.51122455	0.00365648	0.38254769	0.88431555	NA	F2
NA	ENSG00000180211	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
196472	ENSG00000180219	0.173124	-0.01911262	0.38486262	0.84537521	NA	FAM71C
NA	ENSG00000180221	0.3415213	0.00281377	0.38338784	0.96082379	NA	TPT1P10
8575	ENSG00000180228	1220.16625	0.40592436	0.08610775	1.26E-06	1.41E-05	PRKRA
283755	ENSG00000180229	1547.21601	0.2993656	0.08551793	0.00032055	0.0021709	HERC2P3
NA	ENSG00000180230	0	NA	NA	NA	NA	NACAP2
223082	ENSG00000180233	372.934192	-0.0701957	0.12663967	0.55783199	0.76280883	ZNRF2
10692	ENSG00000180245	4.4787083	0.19286042	0.43480143	0.11162823	0.2700997	RRH
389015	ENSG00000180251	0.32398763	-0.02327431	0.38532154	0.6685144	NA	SLC9A4
125893	ENSG00000180257	151.809504	-0.06457057	0.19771618	0.70193493	0.85663955	ZNF816
149830	ENSG00000180259	0	NA	NA	NA	NA	PRNT
55785	ENSG00000180263	488.475947	0.12707776	0.11770892	0.2565701	0.47765326	FGD6
347088	ENSG00000180264	8.74215519	-0.06860179	0.35309262	0.65174572	0.82602754	ADGRD2
124274	ENSG00000180269	0.47363805	-0.0284531	0.38580958	0.54270361	NA	GPR139
284365	ENSG00000180279	0.94190373	-0.00195309	0.38007536	0.97438512	NA	LINC01869
NA	ENSG00000180284	0	NA	NA	NA	NA	CNEP1R1P1
200150	ENSG00000180287	1075.5625	-0.33213768	0.09209488	0.0001954	0.00139298	PLD5
4947	ENSG00000180304	2343.38975	0.19104498	0.07763182	0.01189634	0.04789434	OAZ2
140832	ENSG00000180305	0	NA	NA	NA	NA	WFDC10A
285848	ENSG00000180316	2.68070602	0.0797623	0.38451956	0.39832451	0.62727695	PNPLA1
8092	ENSG00000180318	49.2713853	0.5102025	0.33546522	0.03372254	0.11011441	ALX1
124808	ENSG00000180329	560.884881	-0.06210764	0.10486403	0.53740104	0.74759591	CCDC43

386618	ENSG00000180332	0	NA	NA	NA	NA	KCTD4
284071	ENSG00000180336	194.177523	0.07150606	0.21614629	0.69053611	0.85004879	MEIOC
2535	ENSG00000180340	653.182278	0.91352665	0.10239316	7.30E-20	2.70E-18	FZD2
166815	ENSG00000180346	176.648586	0.16733352	0.17076077	0.27408087	0.49773588	TIGD2
223075	ENSG00000180347	0	NA	NA	NA	NA	ITPRID1
3059	ENSG00000180353	1.37636305	-0.02475218	0.38030679	0.70427314	NA	HCLS1
222166	ENSG00000180354	1194.05878	-0.27078503	0.09181963	0.00232006	0.01216116	MTURN
23060	ENSG00000180357	2949.30181	-0.14651361	0.05871738	0.01150023	0.04653421	ZNF609
5062	ENSG00000180370	2425.34129	-0.10549187	0.0801524	0.17799386	0.37341632	PAK2
285331	ENSG00000180376	397.645146	-0.1399905	0.17746565	0.37212355	0.60109044	CCDC66
245937	ENSG00000180383	0	NA	NA	NA	NA	DEFB124
NA	ENSG00000180385	140.436615	-0.1733669	0.20572159	0.31823033	0.54576013	EMC3-AS1
100505724	ENSG00000180386	0	NA	NA	NA	NA	KRTAP9-7
NA	ENSG00000180389	0	NA	NA	NA	NA	ATP5F1EP2
90411	ENSG00000180398	2464.93948	-0.17520711	0.06759784	0.0083726	0.03587741	MCFD2
NA	ENSG00000180409	0	NA	NA	NA	NA	OR10AA1P
283860	ENSG00000180422	24.9669085	0.93061251	0.61981879	0.00948103	0.0397262	LINC00304
283254	ENSG00000180423	65.040768	0.05306474	0.2478162	0.78054972	0.89965693	HARBI1
245936	ENSG00000180424	0	NA	NA	NA	NA	DEFB123
54494	ENSG00000180425	127.895747	0.04371315	0.19435932	0.79580906	0.90615541	C11orf71
1582	ENSG00000180432	0.92826579	0.0036884	0.38036159	0.94948299	NA	CYP8B1
128371	ENSG00000180433	0	NA	NA	NA	NA	OR6K6
NA	ENSG00000180437	0	NA	NA	NA	NA	OR6K4P
348825	ENSG00000180438	0.173733	0.01914545	0.38484597	0.78225479	NA	TPRXL
400120	ENSG00000180440	66.2521795	1.12672742	0.3119105	2.96E-05	0.00025541	SERTM1
2619	ENSG00000180447	122.109095	0.83564818	0.2383453	7.04E-05	0.00055875	GAS1
23526	ENSG00000180448	115.609763	-0.15042103	0.21839219	0.40396894	0.63202774	ARHGAP45
NA	ENSG00000180458	25.252641	0.02910502	0.2940009	0.88023668	0.94691188	
219960	ENSG00000180475	0	NA	NA	NA	NA	OR10Q1
51276	ENSG00000180479	97.9194221	0.05506128	0.2127816	0.75730767	0.88697677	ZNF571
144321	ENSG00000180481	1.22161593	0.08649353	0.3971884	0.10725541	NA	GLIPR1L2
245932	ENSG00000180483	0	NA	NA	NA	NA	DEFB119
374986	ENSG00000180488	502.065946	-0.02532836	0.10953615	0.80839639	0.91317199	MIGA1
3753	ENSG00000180509	0.47260901	-0.01593465	0.38332663	0.76502704	NA	KCNE1
NA	ENSG00000180525	1.38665865	-0.02485663	0.37808655	0.743302	NA	DIP2C-AS1
8204	ENSG00000180530	0.16735865	0.01897177	0.38482933	0.78225479	NA	NRIP1
201516	ENSG00000180532	0	NA	NA	NA	NA	ZSCAN4
168620	ENSG00000180535	50.5888911	0.05669178	0.25493304	0.76878913	0.8934905	BHLHA15

221687	ENSG00000180537	420.980636	0.2523717	0.14995958	0.0670066	0.18562007	RNF182
NA	ENSG00000180539	10.2417841	-0.09672766	0.37461972	0.4495663	0.67315229	C9orf139
85453	ENSG00000180543	2088.63914	-0.31366649	0.06985195	4.73E-06	4.79E-05	TSPYL5
2529	ENSG00000180549	1.33189532	0.00355429	0.37788968	0.96130846	NA	FUT7
8334	ENSG00000180573	104.280308	-1.23978232	0.2538739	9.88E-08	1.30E-06	H2AC6
255308	ENSG00000180574	6.31684192	-0.01986001	0.35592302	0.88255498	0.94827461	EIF2S3B
NA	ENSG00000180581	0	NA	NA	NA	NA	SRP9P1
387640	ENSG00000180592	465.518325	0.35593015	0.11851671	0.0015583	0.00867227	SKIDA1
8347	ENSG00000180596	8.36139519	-0.47752063	0.76233643	0.03071123	0.10216479	H2BC4
NA	ENSG00000180610	1.17723217	0.01418799	0.3797094	0.82630723	NA	ZBTB12BP
151963	ENSG00000180611	49.8297485	0.18024391	0.27228123	0.36767759	0.59703579	MB21D2
170825	ENSG00000180613	1.11954738	-0.05801677	0.39009015	0.21465513	NA	GSX2
6752	ENSG00000180616	158.007519	0.53363439	0.20366672	0.00281211	0.01433879	SSTR2
84622	ENSG00000180626	543.754834	0.06413344	0.11184347	0.54960125	0.75607328	ZNF594
84333	ENSG00000180628	155.909149	0.30694077	0.19043031	0.06478429	0.181378	PCGF5
146802	ENSG00000180638	2.25589684	-0.00964389	0.372044	0.91882671	NA	SLC47A2
5551	ENSG00000180644	0.66468534	0.02522022	0.38353444	0.5953632	NA	PRF1
79541	ENSG00000180658	0	NA	NA	NA	NA	OR2A4
4081	ENSG00000180660	3253.87191	1.09579909	0.0624558	8.89E-70	1.46E-67	MAB21L1
NA	ENSG00000180662	0	NA	NA	NA	NA	RPL21P8
NA	ENSG00000180663	0	NA	NA	NA	NA	VN1R3
55432	ENSG00000180667	743.853941	0.07839043	0.09095583	0.37557142	0.60466908	YOD1
NA	ENSG00000180673	0	NA	NA	NA	NA	EXOC5P1
169200	ENSG00000180694	607.837034	-1.2175623	0.11846806	9.31E-26	4.52E-24	TMEM64
152065	ENSG00000180697	0.37844916	0.02407552	0.3854191	0.60038877	NA	C3orf22
391107	ENSG00000180708	0	NA	NA	NA	NA	OR10K2
NA	ENSG00000180712	5.29754517	-0.16528602	0.41339048	0.16846839	0.35970865	LINC02363
NA	ENSG00000180714	0	NA	NA	NA	NA	OR5AZ1P
1132	ENSG00000180720	8.28806334	-0.30948627	0.51528045	0.07222117	0.19574701	CHRM4
NA	ENSG00000180723	0	NA	NA	NA	NA	OR51A9P
387914	ENSG00000180730	1.24840401	0.03481126	0.38284651	0.54911218	NA	SHISA2
53637	ENSG00000180739	0.53606622	0.0137271	0.38291855	0.73918762	NA	S1PR5
119467	ENSG00000180745	0	NA	NA	NA	NA	CLRN3
NA	ENSG00000180747	687.615873	0.16659939	0.11013326	0.11356485	0.27350408	SMG1P3
80045	ENSG00000180758	184.612004	-0.25211927	0.39555863	0.20485339	0.41169887	GPR157
NA	ENSG00000180764	21.1220891	0.45814606	0.46833382	0.06891262	0.18928789	PIPSL
166012	ENSG00000180767	24.6241461	-0.12790199	0.33549556	0.48960481	0.70913707	CHST13
404201	ENSG00000180769	34.419185	-0.12417324	0.30053327	0.52546073	0.73801083	WDFY3-AS2

NA	ENSG00000180770	0	NA	NA	NA	NA	OR7E129P
186	ENSG00000180772	0	NA	NA	NA	NA	AGTR2
120103	ENSG00000180773	1038.54171	0.25060441	0.11181147	0.01881925	0.06934881	SLC36A4
253832	ENSG00000180776	624.531024	0.03097953	0.12124579	0.78886371	0.90411045	ZDHHC20
374860	ENSG00000180777	0	NA	NA	NA	NA	ANKRD30B
143503	ENSG00000180785	0	NA	NA	NA	NA	OR51E1
124961	ENSG00000180787	580.977625	-0.01202293	0.10911501	0.90716344	0.95963244	ZFP3
79642	ENSG00000180801	66.863363	3.0551786	0.44650985	4.17E-13	9.75E-12	ARSJ
NA	ENSG00000180803	0.18922458	0.01954053	0.38488496	0.78225479	NA	
3225	ENSG00000180806	117.410496	-0.56838695	0.21565108	0.00237735	0.01242206	HOXC9
389840	ENSG00000180815	39.0212482	0.93373907	0.40741468	0.00227506	0.01195508	MAP3K15
5464	ENSG00000180817	2297.41951	-0.2823732	0.07405103	9.89E-05	0.00075342	PPA1
3226	ENSG00000180818	7.84022109	-0.03772491	0.35494966	0.78526861	0.90233576	HOXC10
389362	ENSG00000180822	383.605681	0.10408722	0.14075753	0.42729194	0.65306772	PSMG4
27319	ENSG00000180828	0	NA	NA	NA	NA	BHLHE22
79929	ENSG00000180834	79.1665653	-0.14023766	0.26201564	0.47075458	0.69301557	MAP6D1
255193	ENSG00000180846	2.99092271	0.09847653	0.3913117	0.29650048	0.52308105	CSNK1G2-AS1
10224	ENSG00000180855	143.439139	-0.07584806	0.17986591	0.63389313	0.81527549	ZNF443
NA	ENSG00000180861	0	NA	NA	NA	NA	LINC01559
NA	ENSG00000180867	288.00526	-0.04156297	0.14027159	0.74927816	0.88205755	PDIA3P1
439927	ENSG00000180869	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC01555
3579	ENSG00000180871	0	NA	NA	NA	NA	CXCR2
245915	ENSG00000180872	0	NA	NA	NA	NA	DEFB112
64388	ENSG00000180875	8.76611368	3.53259639	1.14982269	0.00019115	0.00136617	GREM2
160298	ENSG00000180878	2.49885388	0.042267	0.37624632	0.64988007	NA	C11orf42
6748	ENSG00000180879	1473.75234	0.05247547	0.07599566	0.48214794	0.70272402	SSR4
84698	ENSG00000180881	101.393379	0.109006	0.22613656	0.55372908	0.75980255	CAPS2
126375	ENSG00000180884	423.249074	-0.04701673	0.11567668	0.6688301	0.83720078	ZNF792
404093	ENSG00000180891	660.287167	0.14873899	0.13311783	0.23297507	0.44988944	CUEDC1
23513	ENSG00000180900	3081.86958	0.30349745	0.0751345	3.68E-05	0.00031188	SCRIB
23510	ENSG00000180901	1194.70123	-0.00782492	0.08100749	0.92083533	0.96670947	KCTD2
728294	ENSG00000180902	466.113112	0.27750323	0.11457717	0.0109534	0.04467835	D2HGDH
NA	ENSG00000180909	0	NA	NA	NA	NA	OR52B1P
83866	ENSG00000180910	0	NA	NA	NA	NA	TTY11
NA	ENSG00000180913	0	NA	NA	NA	NA	OR56B3P
5021	ENSG00000180914	104.909575	-0.21192737	0.20833381	0.22804625	0.44313786	OXTR
55783	ENSG00000180917	499.644819	-0.00201297	0.10703976	0.98300951	0.99428951	CMTR2
196335	ENSG00000180919	0	NA	NA	NA	NA	OR56B4

286077	ENSG00000180921	14.332492	0.07004287	0.33683133	0.6841648	0.84603775	FAM83H
NA	ENSG00000180926	0	NA	NA	NA	NA	OR7E18P
118442	ENSG00000180929	39.2110754	0.31021248	0.34377309	0.16062777	0.34855682	GPR62
120796	ENSG00000180934	0	NA	NA	NA	NA	OR56A1
137209	ENSG00000180938	97.5133237	-0.30984965	0.23846105	0.10786156	0.26339391	ZNF572
NA	ENSG00000180953	68.1776296	-0.08227454	0.2567261	0.66711131	0.83613156	ST20
23760	ENSG00000180957	2383.81611	-0.10321647	0.08336737	0.20411283	0.41075144	PITPNB
90843	ENSG00000180964	703.240524	-0.28863777	0.10301899	0.00351605	0.01733557	TCEAL8
390081	ENSG00000180974	0	NA	NA	NA	NA	OR52E4
255252	ENSG00000180979	390.566071	0.38276258	0.1385257	0.00301579	0.01519768	LRRC57
390077	ENSG00000180988	0	NA	NA	NA	NA	OR52N2
64928	ENSG00000180992	464.278271	-0.0870748	0.1139048	0.42258941	0.64862864	MRPL14
283554	ENSG00000180998	340.167967	-0.01433098	0.15148344	0.91697361	0.96477469	GPR137C
92346	ENSG00000180999	0	NA	NA	NA	NA	C1orf105
79473	ENSG00000181001	0	NA	NA	NA	NA	OR52N1
166379	ENSG00000181004	60.1615785	0.07768878	0.25046015	0.68570941	0.84710303	BBS12
284406	ENSG00000181007	339.265949	-0.1123818	0.14455516	0.40011481	0.62854504	ZFP82
390075	ENSG00000181009	0	NA	NA	NA	NA	OR52N5
286006	ENSG00000181016	7.74939829	0.23658436	0.45945652	0.08890194	0.22841422	LSMEM1
NA	ENSG00000181017	0	NA	NA	NA	NA	OR56B2P
1728	ENSG00000181019	300.731008	1.90312067	0.1741797	5.95E-29	3.29E-27	NQO1
387748	ENSG00000181023	0	NA	NA	NA	NA	OR56B1
64782	ENSG00000181026	992.393848	0.12716296	0.08168115	0.11179174	0.27034959	AEN
79147	ENSG00000181027	865.023287	0.02074685	0.12532894	0.86443231	0.94000203	FKRP
126003	ENSG00000181029	586.517554	0.01855085	0.10667727	0.85762677	0.93650256	TRAPPC5
9501	ENSG00000181031	85.8101536	0.18758484	0.26839573	0.34485112	0.5752351	RPH3AL
284439	ENSG00000181035	161.647071	0.09288901	0.19672272	0.58418538	0.78032976	SLC25A42
343413	ENSG00000181036	1.1727418	0.05198808	0.38669146	0.35522169	NA	FCRL6
124512	ENSG00000181038	509.802798	0.11823531	0.11406184	0.27754163	0.50204466	METTL23
284129	ENSG00000181045	572.678715	0.30140022	0.11196994	0.00476221	0.02228879	SLC26A11
25994	ENSG00000181061	880.822966	-0.00909171	0.09350429	0.91670572	0.96473288	HIGD1A
1129	ENSG00000181072	212.005103	-1.33473864	0.20855651	1.26E-11	2.65E-10	CHRM2
390072	ENSG00000181074	0	NA	NA	NA	NA	OR52N4
225689	ENSG00000181085	218.026975	0.3945329	0.17801258	0.01306547	0.05162695	MAPK15
79813	ENSG00000181090	2061.19762	-0.01085312	0.07409079	0.88063465	0.94713457	EHMT1
9370	ENSG00000181092	0	NA	NA	NA	NA	ADIPOQ
NA	ENSG00000181097	11.0186777	0.02202053	0.34035234	0.89257988	0.95351371	LINC02878
NA	ENSG00000181101	0	NA	NA	NA	NA	ENTR1P2

2149	ENSG00000181104	1619.22178	0.27591009	0.0789128	0.00034488	0.00231946	F2R
NA	ENSG00000181109	0	NA	NA	NA	NA	OR52P1P
NA	ENSG00000181123	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
352962	ENSG00000181126	0	NA	NA	NA	NA	HLA-V
286075	ENSG00000181135	269.394862	0.09742254	0.13759851	0.44858008	0.67234398	ZNF707
101928160	ENSG00000181135	269.394862	0.09742254	0.13759851	0.44858008	0.67234398	ZNF707
94025	ENSG00000181143	0	NA	NA	NA	NA	MUC16
4869	ENSG00000181163	11970.9025	-0.10231861	0.05696795	0.06969655	0.19085983	NPM1
439941	ENSG00000181171	0	NA	NA	NA	NA	FER1L6-AS1
64219	ENSG00000181191	1032.86235	-0.27988698	0.08581821	0.00079437	0.00484634	PJA1
55526	ENSG00000181192	1929.69234	-0.11211636	0.07679355	0.13552273	0.31008775	DHTKD1
5179	ENSG00000181195	0	NA	NA	NA	NA	PENK
NA	ENSG00000181201	8.73575637	-0.02108797	0.34935677	0.8844318	0.94936574	H2BU2P
100127950	ENSG00000181211	0	NA	NA	NA	NA	HECW1-IT1
26492	ENSG00000181214	0	NA	NA	NA	NA	OR8G2P
389197	ENSG00000181215	22.1002061	-1.23093023	0.61981995	0.00283225	0.01442665	C4orf50
92815	ENSG00000181218	438.88889	-0.40241204	0.12887641	0.00090054	0.00541088	H2AW
155061	ENSG00000181220	791.759867	-0.00759922	0.10166858	0.93720983	0.97354401	ZNF746
5430	ENSG00000181222	6309.58508	-0.09550821	0.05746419	0.09235075	0.2349928	POLR2A
NA	ENSG00000181227	4.7765237	-0.05816224	0.38148147	0.49348094	0.712409	DLSTP1
92293	ENSG00000181234	0	NA	NA	NA	NA	TMEM132C
284427	ENSG00000181240	2.85705093	0.06205243	0.38062176	0.49876961	0.71639681	SLC25A41
NA	ENSG00000181260	0	NA	NA	NA	NA	MTHFD2P7
219902	ENSG00000181264	577.25941	-0.19557501	0.11219064	0.06696273	0.18552445	TLCD5
390181	ENSG00000181273	0	NA	NA	NA	NA	OR5AK2
23401	ENSG00000181274	258.087195	0.37305798	0.1506413	0.00712073	0.0313736	FRAT2
NA	ENSG00000181282	0	NA	NA	NA	NA	OR5AK3P
284114	ENSG00000181284	131.493821	0.81144959	0.21226632	2.22E-05	0.00019748	TMEM102
124842	ENSG00000181291	0.84989367	-0.00687349	0.38140222	0.8954221	NA	TMEM132E
NA	ENSG00000181296	0	NA	NA	NA	NA	OR5G1P
79692	ENSG00000181315	866.505341	-0.06716498	0.10084063	0.48928258	0.70877384	ZNF322
347736	ENSG00000181322	19.3258722	-0.12189316	0.33250939	0.51163283	0.72687381	NME9
374768	ENSG00000181323	0	NA	NA	NA	NA	SPEM1
NA	ENSG00000181325	0	NA	NA	NA	NA	OR9G3P
341208	ENSG00000181333	5.13375642	0.08367849	0.37402108	0.50490337	0.72130144	HEPHL1
388341	ENSG00000181350	107.670477	0.13845062	0.19779131	0.41661824	0.64309452	LRRC75A
NA	ENSG00000181355	0	NA	NA	NA	NA	OFCC1
NA	ENSG00000181358	0	NA	NA	NA	NA	CTAGE10P

NA	ENSG00000181359	0.173733	0.01914545	0.38484597	0.78225479	NA	HSP90AA6P
219484	ENSG00000181371	0	NA	NA	NA	NA	OR5M8
6357	ENSG00000181374	0	NA	NA	NA	NA	CCL13
255101	ENSG00000181378	41.344527	0.1617374	0.28208492	0.41936435	0.64519864	CFAP65
91351	ENSG00000181381	151.43721	1.01019871	0.25400768	7.83E-06	7.59E-05	DDX60L
163183	ENSG00000181392	5.77539532	0.07773831	0.36718175	0.56028589	0.76415299	SYNE4
79701	ENSG00000181396	1384.12168	-0.0099912	0.07804262	0.89528601	0.95469109	OGFOD3
100287171	ENSG00000181404	411.562682	0.2297367	0.1278522	0.05608157	0.16266792	WASHC1
2837	ENSG00000181408	8.62510678	0.0281355	0.34541093	0.85737522	0.93627941	UTS2R
9625	ENSG00000181409	1238.1999	-0.27534756	0.09945203	0.00401489	0.01936202	AATK
23109	ENSG00000181418	95.007888	-0.67819907	0.24849742	0.00130027	0.0074088	DDN
55511	ENSG00000181433	0	NA	NA	NA	NA	SAGE1
168544	ENSG00000181444	54.9595238	0.06523081	0.25614352	0.73546303	0.87432359	ZNF467
6657	ENSG00000181449	68.0509386	4.46922308	0.45674691	2.30E-23	1.03E-21	SOX2
339500	ENSG00000181450	519.30085	-0.1238104	0.12426435	0.29042642	0.51645247	ZNF678
55076	ENSG00000181458	209.184167	-0.52470294	0.17648786	0.00100236	0.00592224	TMEM45A
5912	ENSG00000181467	306.213339	0.56456752	0.14016913	1.81E-05	0.00016349	RAP2B
57621	ENSG00000181472	298.15669	-0.3143921	0.13702848	0.01377024	0.05383283	ZBTB2
84282	ENSG00000181481	0	NA	NA	NA	NA	RNF135
219874	ENSG00000181499	0	NA	NA	NA	NA	OR6T1
NA	ENSG00000181511	0	NA	NA	NA	NA	GLRX5P1
79777	ENSG00000181513	72.9160482	-0.09324249	0.23806567	0.61870526	0.80494303	ACBD4
NA	ENSG00000181514	0	NA	NA	NA	NA	
338662	ENSG00000181518	0	NA	NA	NA	NA	OR8D4
6448	ENSG00000181523	831.755972	0.15234726	0.14353655	0.25154023	0.47149344	SGSH
NA	ENSG00000181524	4.98735765	0.03294239	0.36924084	0.76715463	0.89274138	RPL24P4
10586	ENSG00000181541	30.5128033	7.04804454	1.3304378	2.37E-09	3.88E-08	MAB21L2
2187	ENSG00000181544	182.357067	-0.3066106	0.18934452	0.0635114	0.17891043	FANCB
64184	ENSG00000181552	0	NA	NA	NA	NA	EDDM3B
29072	ENSG00000181555	2277.54618	-0.12668091	0.08054528	0.10720817	0.2623024	SETD2
10876	ENSG00000181562	0	NA	NA	NA	NA	EDDM3A
221416	ENSG00000181577	0.9842078	-0.01042811	0.38036263	0.86059005	NA	C6orf223
259236	ENSG00000181585	67.3509605	-0.82460502	0.31090921	0.00111693	0.00649658	TMIE
399664	ENSG00000181588	1290.95477	-0.17003755	0.07825823	0.02618738	0.09029505	MEX3D
390066	ENSG00000181609	0	NA	NA	NA	NA	OR52D1
51649	ENSG00000181610	1229.76516	0.06955838	0.07757759	0.36022371	0.59016007	MRPS23
390067	ENSG00000181616	0	NA	NA	NA	NA	OR52H1
260436	ENSG00000181617	0	NA	NA	NA	NA	FDCSP

64582	ENSG00000181619	185.925787	-0.06542462	0.16192719	0.65489372	0.82814932	GPR135
79008	ENSG00000181625	31.3138021	0.73082647	0.5894244	0.02071923	0.07502636	SLX1B
342850	ENSG00000181626	1.50834298	0.05574805	0.38471721	0.41390417	NA	ANKRD62
53829	ENSG00000181631	0.36291009	0.02389445	0.38539235	0.60998858	NA	P2RY13
9966	ENSG00000181634	0	NA	NA	NA	NA	TNFSF15
286128	ENSG00000181638	656.937882	0.0402812	0.12994064	0.74344586	0.87902062	ZFP41
7262	ENSG00000181649	0.46756584	-0.00823939	0.38328691	0.85770315	NA	PHLDA2
285973	ENSG00000181652	178.24959	-0.6798449	0.18348205	4.75E-05	0.00039098	ATG9B
54112	ENSG00000181656	1.38849842	-0.07830509	0.39181065	0.21714084	NA	GPR88
284459	ENSG00000181666	1097.53844	0.07121386	0.10335869	0.47499518	0.69724063	ZNF875
5324	ENSG00000181690	3.76136559	-0.05441754	0.37329282	0.60953064	0.79803651	PLAG1
219469	ENSG00000181693	0	NA	NA	NA	NA	OR8H1
390155	ENSG00000181698	0	NA	NA	NA	NA	OR5T1
286451	ENSG00000181704	1456.28472	0.09255932	0.08702034	0.27489686	0.49876121	YIPF6
NA	ENSG00000181705	0	NA	NA	NA	NA	
219464	ENSG00000181718	0	NA	NA	NA	NA	OR5T2
26137	ENSG00000181722	320.326352	-0.05743686	0.32040765	0.74383398	0.87932229	ZBTB20
284383	ENSG00000181733	0	NA	NA	NA	NA	OR2Z1
NA	ENSG00000181741	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FDX1P1
205428	ENSG00000181744	5.54732603	0.02224828	0.35748316	0.87019674	0.94333385	DIPK2A
90355	ENSG00000181751	488.531097	-0.00459831	0.11560343	0.96574976	0.98663622	MACIR
219453	ENSG00000181752	0	NA	NA	NA	NA	OR8K5
57463	ENSG00000181754	231.65756	0.25631233	0.16877932	0.0906502	0.23197471	AMIGO1
390152	ENSG00000181761	0	NA	NA	NA	NA	OR8H3
390151	ENSG00000181767	0	NA	NA	NA	NA	OR8H2
2827	ENSG00000181773	92.3138266	0.02925579	0.20849728	0.86888362	0.94277555	GPR3
169693	ENSG00000181778	0	NA	NA	NA	NA	TMEM252
NA	ENSG00000181780	0	NA	NA	NA	NA	OR5J1P
284451	ENSG00000181781	1.68375986	0.02490047	0.37966438	0.71417112	NA	ODF3L2
219447	ENSG00000181785	0	NA	NA	NA	NA	OR5AS1
284382	ENSG00000181786	0	NA	NA	NA	NA	ACTL9
6478	ENSG00000181788	478.319269	-0.07972163	0.11020239	0.44932705	0.67295604	SIAH2
22820	ENSG00000181789	2108.35671	0.11915378	0.07256872	0.09463614	0.23921278	COPG1
575	ENSG00000181790	319.766484	-2.34859364	0.48306668	5.23E-08	7.18E-07	ADGRB1
151477	ENSG00000181798	28.1981045	-0.00815845	0.28832172	0.9642134	0.98582808	LINC00471
414196	ENSG00000181800	0	NA	NA	NA	NA	CELF2-AS1
341799	ENSG00000181803	0	NA	NA	NA	NA	OR6S1
285195	ENSG00000181804	0	NA	NA	NA	NA	SLC9A9

84967	ENSG00000181817	346.159379	-0.19659095	0.12902625	0.10423021	0.2570084	LSM10
NA	ENSG00000181819	2.17927467	-0.00446207	0.37459335	0.95729961	NA	KCTD9P2
768211	ENSG00000181826	89.5597205	0.64937982	0.27310055	0.0036445	0.01785624	RELL1
64864	ENSG00000181827	1780.78048	-0.10903446	0.06885754	0.10707903	0.26208338	RFX7
55343	ENSG00000181830	332.083829	-0.02353203	0.13028445	0.84772562	0.93071088	SLC35C1
NA	ENSG00000181837	0	NA	NA	NA	NA	OR5D17P
201633	ENSG00000181847	0.66695587	-0.02130958	0.38247053	0.65852154	NA	TIGIT
10193	ENSG00000181852	1167.15139	-0.00343373	0.0819198	0.96505341	0.98622874	RNF41
6517	ENSG00000181856	54.1381088	0.40095563	0.30946114	0.07307715	0.19752734	SLC2A4
94033	ENSG00000181867	0	NA	NA	NA	NA	FTMT
200205	ENSG00000181873	292.164632	-0.66769775	0.17048432	2.09E-05	0.00018709	IBA57
1366	ENSG00000181885	6.01955361	0.20245197	0.43969465	0.10004879	0.24927389	CLDN7
79673	ENSG00000181894	217.353203	-0.0363944	0.15738697	0.7989291	0.90798839	ZNF329
94039	ENSG00000181896	199.337755	-0.51769209	0.20337758	0.00359182	0.01765651	ZNF101
219432	ENSG00000181903	0	NA	NA	NA	NA	OR4C6
134553	ENSG00000181904	1717.0416	-0.4448621	0.08215641	2.88E-08	4.08E-07	C5orf24
100996455	ENSG00000181908	12.511603	1.41677314	0.91705511	0.00485301	0.022655	LINC02724
84890	ENSG00000181915	1523.46028	-0.15484425	0.07683059	0.03941052	0.12407247	ADO
51287	ENSG00000181924	946.382278	0.08104793	0.08290552	0.31704394	0.54483775	COA4
81300	ENSG00000181927	0	NA	NA	NA	NA	OR4P4
5571	ENSG00000181929	734.139098	0.09279928	0.09741278	0.32493768	0.55284827	PRKAG1
64785	ENSG00000181938	306.369817	-0.35735224	0.14022296	0.00609193	0.02747164	GIN53
81309	ENSG00000181939	0	NA	NA	NA	NA	OR4C15
NA	ENSG00000181943	0	NA	NA	NA	NA	OR4A21P
NA	ENSG00000181950	0	NA	NA	NA	NA	OR4A13P
81328	ENSG00000181958	0	NA	NA	NA	NA	OR4A15
81327	ENSG00000181961	0	NA	NA	NA	NA	OR4A16
119774	ENSG00000181963	0	NA	NA	NA	NA	OR52K2
4762	ENSG00000181965	0	NA	NA	NA	NA	NEUROG1
NA	ENSG00000181977	0	NA	NA	NA	NA	PYY3
91050	ENSG00000181982	0.62151788	-0.03202751	0.38600238	0.58906207	NA	CCDC149
729786	ENSG00000181984	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GOLGA8CP
64963	ENSG00000181991	553.921746	-0.14774655	0.11370252	0.17237504	0.36498622	MRPS11
283197	ENSG00000181995	0	NA	NA	NA	NA	LINC00301
NA	ENSG00000181997	0	NA	NA	NA	NA	AQP7P2
NA	ENSG00000182000	0	NA	NA	NA	NA	PPIAP73
6635	ENSG00000182004	2565.94832	-0.06401591	0.07045915	0.35382225	0.58420717	SNRPE
219790	ENSG00000182010	1031.64382	-0.5174003	0.09057982	4.22E-09	6.69E-08	RTKN2

55228	ENSG00000182013	1490.04436	-0.09587527	0.10111267	0.3241597	0.55209275	PNMA8A
100996643	ENSG00000182021	0	NA	NA	NA	NA	
51363	ENSG00000182022	4.27808858	-0.15119338	0.40685125	0.20205708	0.40760676	CHST15
149685	ENSG00000182035	0	NA	NA	NA	NA	ADIG
124590	ENSG00000182040	37.5426893	-0.07006912	0.28496308	0.71559479	0.86274919	USH1G
7221	ENSG00000182048	0	NA	NA	NA	NA	TRPC2
25834	ENSG00000182050	5.33362753	0.12342893	0.3980785	0.24015226	0.45820056	MGAT4C
283116	ENSG00000182053	0	NA	NA	NA	NA	TRIM49B
3418	ENSG00000182054	3691.76718	0.11464076	0.0605282	0.05506531	0.16031256	IDH2
NA	ENSG00000182057	6.91463229	-0.12570449	0.39268441	0.27357822	0.49704244	OGFRP1
23538	ENSG00000182070	0	NA	NA	NA	NA	OR52A1
374308	ENSG00000182077	0.18922458	0.01954053	0.38488496	0.78225479	NA	PTCHD3
389090	ENSG00000182083	0	NA	NA	NA	NA	OR6B2
91304	ENSG00000182087	3248.51821	0.14511279	0.05987227	0.01411371	0.05492662	TMEM259
7485	ENSG00000182093	724.346543	-0.18353512	0.09378729	0.04307011	0.13277051	GET1
84629	ENSG00000182095	3425.73376	0.12276687	0.11326114	0.25079261	0.47069581	TNRC18
220382	ENSG00000182103	97.6466835	0.34417726	0.23920538	0.07633536	0.20405465	FAM181B
161291	ENSG00000182107	11.4869414	0.08417693	0.34864321	0.60783764	0.79695264	TMEM30B
28955	ENSG00000182108	553.316365	0.13908587	0.10908645	0.18321121	0.38141767	DEXI
441234	ENSG00000182111	0	NA	NA	NA	NA	ZNF716
55505	ENSG00000182117	1127.70837	-0.06844401	0.07900693	0.37620313	0.60519502	NOP10
375061	ENSG00000182118	359.503341	-0.4916544	0.1278803	4.75E-05	0.00039098	FAM89A
30820	ENSG00000182132	18.0714717	-0.06676313	0.3220748	0.71102744	0.86118643	KCNIP1
11022	ENSG00000182134	831.340508	-0.17795952	0.09129015	0.04427241	0.13549029	TDRKH
7562	ENSG00000182141	303.623023	0.13605624	0.13516613	0.28194841	0.5067358	ZNF708
9798	ENSG00000182149	2013.0859	0.19186416	0.08008603	0.01421085	0.05522884	IST1
375748	ENSG00000182150	925.235786	-0.25881415	0.09193419	0.00364505	0.01785624	ERCC6L2
64975	ENSG00000182154	590.069026	-0.21780913	0.10006551	0.02374313	0.08361089	MRPL41
339221	ENSG00000182156	0	NA	NA	NA	NA	ENPP7
64764	ENSG00000182158	2471.66241	1.07320361	0.0941473	5.43E-31	3.20E-29	CREB3L2
286530	ENSG00000182162	0	NA	NA	NA	NA	P2RY8
NA	ENSG00000182165	173.423334	0.36371719	0.18392605	0.02531119	0.08793099	TP53TG1
8633	ENSG00000182168	7605.56612	0.43773103	0.05192813	1.71E-17	5.45E-16	UNC5C
386746	ENSG00000182170	0	NA	NA	NA	NA	MRGPRG
283989	ENSG00000182173	842.331359	-0.31749773	0.08794749	0.00020066	0.00142693	TSEN54
56963	ENSG00000182175	174.81107	1.17104116	0.20102712	6.01E-10	1.07E-08	RGMA
401036	ENSG00000182177	0	NA	NA	NA	NA	ASB18
7318	ENSG00000182179	42.9432151	0.75707205	0.37383547	0.00604117	0.02731466	UBA7

51021	ENSG00000182180	1556.37419	-0.03553084	0.07685629	0.63632642	0.81722218	MRPS16
348378	ENSG00000182183	3.95628535	-0.01376179	0.36756407	0.89639252	0.95469109	SHISAL2A
5890	ENSG00000182185	59.227752	0.01488809	0.2673024	0.9400679	0.97495803	RAD51B
1419	ENSG00000182187	0	NA	NA	NA	NA	CRYGB
23641	ENSG00000182195	289.783368	0.01790221	0.18449971	0.91316447	0.96291167	LDOC1
51329	ENSG00000182196	1573.59852	-0.40746217	0.08324023	5.10E-07	6.09E-06	ARL6IP4
2131	ENSG00000182197	361.99283	0.26287274	0.14011602	0.04320215	0.13305349	EXT1
6472	ENSG00000182199	3508.57273	-0.09656275	0.07123311	0.16730985	0.35828164	SHMT2
81532	ENSG00000182208	595.266848	-0.10406058	0.10042403	0.2808741	0.50556476	MOB2
84439	ENSG00000182218	54.2051084	-0.02334005	0.24348518	0.89998849	0.95573896	HHIPL1
10159	ENSG00000182220	968.436711	-0.14400477	0.1034821	0.14754421	0.32938867	ATP6AP2
326340	ENSG00000182223	25.8384814	0.37844988	0.40154415	0.10658236	0.26121406	ZAR1
124637	ENSG00000182224	242.188592	-0.22542615	0.1631519	0.12607954	0.29536168	CYB5D1
202134	ENSG00000182230	0	NA	NA	NA	NA	FAM153B
25825	ENSG00000182240	0	NA	NA	NA	NA	BACE2
7325	ENSG00000182247	377.647697	-0.128183	0.1268838	0.28346436	0.508585	UBE2E2
23336	ENSG00000182253	292.982484	0.03439019	0.13512596	0.78666755	0.90294962	SYNM
3739	ENSG00000182255	0.99919462	0.02216778	0.38208598	0.68033314	NA	KCNA4
2567	ENSG00000182256	13.3646285	-0.15982661	0.37145202	0.3508548	0.58113897	GABRG3
NA	ENSG00000182257	7.70011931	-0.07737177	0.35624483	0.60898207	0.7978212	PRR34
338322	ENSG00000182261	0	NA	NA	NA	NA	NLRP10
55137	ENSG00000182263	368.221708	0.24303665	0.17796393	0.12323659	0.29076157	FIGN
284359	ENSG00000182264	4.67687247	-0.08607206	0.37630398	0.47460818	0.69683765	IZUMO1
388364	ENSG00000182271	0	NA	NA	NA	NA	TMIGD1
338707	ENSG00000182272	3182.09222	0.31211196	0.07101316	7.48E-06	7.28E-05	B4GALNT4
8905	ENSG00000182287	2012.21003	-0.81546793	0.07525838	4.39E-28	2.36E-26	AP1S2
65265	ENSG00000182307	1227.47903	0.13144819	0.0904871	0.13511832	0.30959088	C8orf33
285429	ENSG00000182308	20.7800974	0.50008736	0.50334609	0.05558713	0.16154221	DCAF4L1
147650	ENSG00000182310	81.6803017	0.27718408	0.24663974	0.15636644	0.34283458	SPACA6
653657	ENSG00000182315	0	NA	NA	NA	NA	MBD3L3
342945	ENSG00000182318	244.372207	-0.28056858	0.16666548	0.06121702	0.17402861	ZSCAN22
3770	ENSG00000182324	103.563117	0.24969986	0.21566039	0.1667416	0.35752225	KCNJ14
26233	ENSG00000182325	664.551777	0.13025514	0.10355643	0.19125343	0.3929241	FBXL6
716	ENSG00000182326	6.70878014	0.528381	0.9755501	0.01819055	0.06735733	C1S
388323	ENSG00000182327	10.280095	-0.03120427	0.33980783	0.84490639	0.92965052	GLTPD2
100652824	ENSG00000182329	1.39341735	-0.00640538	0.37787071	0.9280557	NA	KIAA2012
391002	ENSG00000182330	0	NA	NA	NA	NA	PRAMEF8
8513	ENSG00000182333	0	NA	NA	NA	NA	LIPF

120066	ENSG00000182334	0	NA	NA	NA	NA	OR5P3
267012	ENSG00000182346	0	NA	NA	NA	NA	DAOA
NA	ENSG00000182347	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PDSS1P1
219578	ENSG00000182348	0	NA	NA	NA	NA	ZNF804B
NA	ENSG00000182351	0	NA	NA	NA	NA	CRIP1P4
NA	ENSG00000182352	0	NA	NA	NA	NA	C17orf77
143879	ENSG00000182359	54.3976142	-0.84701693	0.47366698	0.00672625	0.02989443	KBTD3
54059	ENSG00000182362	146.066889	0.22511645	0.18308936	0.16248612	0.35124479	YBEY
NA	ENSG00000182365	0	NA	NA	NA	NA	OR5F2P
157693	ENSG00000182366	7.17890443	0.15193715	0.38867343	0.30769073	0.53516122	FAM87A
2055	ENSG00000182372	462.080764	0.02137378	0.12088127	0.85366545	0.93418215	CLN8
339059	ENSG00000182376	12.6812496	0.14866636	0.35815437	0.40552085	0.6337561	
55344	ENSG00000182378	1141.14497	-0.06632543	0.10865796	0.52323437	0.73618679	PLCXD1
11247	ENSG00000182379	54.3502495	0.07301886	0.25761036	0.70596662	0.85825065	NXP4
NA	ENSG00000182383	0	NA	NA	NA	NA	RPL27AP5
785	ENSG00000182389	285.602162	0.03954366	0.14720283	0.77213602	0.89539725	CACNB4
282618	ENSG00000182393	0	NA	NA	NA	NA	IFNL1
196968	ENSG00000182397	13.4340685	0.04878237	0.33814619	0.77093628	0.89504218	DNM1P46
122553	ENSG00000182400	327.481473	-0.16283478	0.16686533	0.2770056	0.50139504	TRAPPC6B
161779	ENSG00000182405	237.504823	0.15630158	0.14521926	0.2435525	0.46198062	PGBD4
9426	ENSG00000182415	0	NA	NA	NA	NA	CDY2A
55666	ENSG00000182446	3259.61263	0.17480209	0.06738616	0.00825622	0.03547631	NPLOC4
131149	ENSG00000182447	0	NA	NA	NA	NA	OTOL1
50801	ENSG00000182450	15.0354422	-0.58731483	0.6667727	0.03557196	0.11473707	KCNK4
400629	ENSG00000182459	4.65008364	0.04356094	0.36530198	0.72614363	0.86907701	TEX19
128553	ENSG00000182463	301.407617	-1.97828066	0.20031661	3.07E-24	1.42E-22	TSHZ2
147968	ENSG00000182472	24.2407431	0.88999648	0.58072849	0.00984174	0.04094361	CAPN12
23265	ENSG00000182473	4844.61964	0.08950502	0.05961226	0.12947082	0.30096087	EXOC7
NA	ENSG00000182477	0	NA	NA	NA	NA	OR2B8P
3838	ENSG00000182481	5279.43138	-0.14091831	0.08262018	0.07959502	0.21058343	KPNA2
NA	ENSG00000182484	761.114637	0.17055558	0.09573108	0.06549937	0.18274611	WASH6P
654816	ENSG00000182487	0.16735865	0.01897177	0.38482933	0.78225479	NA	NCF1B
402415	ENSG00000182489	9.83489309	0.22716885	0.41747802	0.19573259	0.39935567	XKRX
633	ENSG00000182492	1.58966381	-0.03842805	0.38062286	0.58822104	NA	BGN
79598	ENSG00000182504	805.357981	0.00025833	0.08814226	0.99832375	0.99941443	CEP97
340596	ENSG00000182508	0.30001698	-0.0229446	0.38527539	0.68644806	NA	LHFPL1
2242	ENSG00000182511	10.1700202	-0.0741799	0.36562157	0.57507665	0.77394659	FES
51218	ENSG00000182512	798.741952	-0.24443326	0.08956011	0.0048921	0.02280528	GLRX5

90736	ENSG00000182518	225.624207	-0.02525673	0.16003577	0.86108849	0.93812292	FAM104B
387332	ENSG00000182521	0.173733	0.01914545	0.38484597	0.78225479	NA	TBPL2
NA	ENSG00000182531	0.34746601	0.02370763	0.3853651	0.61987128	NA	OR7E115P
859	ENSG00000182533	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CAV3
439921	ENSG00000182534	2412.18614	-0.51794971	0.07050798	7.79E-14	1.93E-12	MXRA7
3985	ENSG00000182541	895.990305	-0.50354385	0.1088796	1.45E-06	1.59E-05	LIMK2
84975	ENSG00000182544	339.009834	-0.01326855	0.13784566	0.91673936	0.96473288	MFSD5
338879	ENSG00000182545	2.95933702	0.01496225	0.3700817	0.88649058	0.95015905	RNASE10
55256	ENSG00000182551	1292.294	-0.10899725	0.08240002	0.175047	0.36892512	ADII
201965	ENSG00000182552	659.400821	-0.13792341	0.10960195	0.18813948	0.38853827	RWDD4
201305	ENSG00000182557	0	NA	NA	NA	NA	SPNS3
NA	ENSG00000182565	0	NA	NA	NA	NA	OR4C2P
339390	ENSG00000182566	0	NA	NA	NA	NA	CLEC4G
6304	ENSG00000182568	2198.09648	0.64269725	0.11230529	2.82E-09	4.55E-08	SATB1
NA	ENSG00000182574	0	NA	NA	NA	NA	CSGALNACT2P1
11248	ENSG00000182575	0.83842976	-0.00906171	0.38082224	0.87298405	NA	NXPH3
1436	ENSG00000182578	1.62959926	-0.07203796	0.39059462	0.24848065	NA	CSF1R
2049	ENSG00000182580	251.126465	-0.87621469	0.20115883	1.90E-06	2.05E-05	EPHB3
26609	ENSG00000182583	0.173124	-0.01911262	0.38486262	0.84537521	NA	VCX
255324	ENSG00000182585	0.72092638	0.02647699	0.38352105	0.56127935	NA	EPGN
114042	ENSG00000182586	1.5275847	0.07309172	0.38803268	0.32338244	NA	LINC00334
337880	ENSG00000182591	0	NA	NA	NA	NA	KRTAP11-1
389084	ENSG00000182600	40.2047055	-0.66211481	0.44464713	0.01910202	0.07019524	SNORC
9951	ENSG00000182601	0	NA	NA	NA	NA	HS3ST4
22906	ENSG00000182606	1786.36708	-0.19695246	0.07094072	0.0046376	0.02183436	TRAK1
83882	ENSG00000182612	48.121086	1.02249708	0.39742704	0.00095983	0.00571346	TSPAN10
285659	ENSG00000182613	0	NA	NA	NA	NA	OR2V2
23236	ENSG00000182621	220.247798	-0.0306117	0.15562833	0.82854753	0.92220943	PLCB1
NA	ENSG00000182625	0	NA	NA	NA	NA	
348235	ENSG00000182628	1730.77793	-0.99955528	0.0799092	9.43E-37	6.68E-35	SKA2
51289	ENSG00000182631	0.6228022	-0.04506827	0.38756783	0.3741287	NA	RXFP3
414194	ENSG00000182632	431.969655	0.33023656	0.12150813	0.00407399	0.01960892	CCNYL2
390265	ENSG00000182634	0	NA	NA	NA	NA	OR10G7
4692	ENSG00000182636	122.324227	2.45360424	0.26520853	1.55E-21	6.21E-20	NDN
374355	ENSG00000182645	0	NA	NA	NA	NA	CCDC172
100506380	ENSG00000182648	175.206685	0.23700954	0.23712804	0.21311567	0.42303301	LINC01006
NA	ENSG00000182652	0	NA	NA	NA	NA	OR4Q3
50863	ENSG00000182667	3.92580813	0.20624412	0.46746261	0.00395862	0.0191359	NTM

7267	ENSG00000182670	6270.72896	-0.53569988	0.06081708	5.25E-19	1.87E-17	TTC3
9312	ENSG00000182674	0	NA	NA	NA	NA	KCNB2
116729	ENSG00000182676	1.68915012	0.09460189	0.39444981	0.22138417	NA	PPP1R27
283870	ENSG00000182685	68.1956213	0.02218538	0.24130194	0.90750757	0.95963244	BRICD5
8811	ENSG00000182687	1.89698084	0.04621535	0.38011388	0.56749294	NA	GALR2
389075	ENSG00000182698	0	NA	NA	NA	NA	RESP18
492311	ENSG00000182700	84.046996	-0.20477609	0.22922057	0.27111488	0.49452232	IGIP
25987	ENSG00000182704	778.304601	0.37735652	0.0923568	2.47E-05	0.00021739	TSKU
NA	ENSG00000182707	0	NA	NA	NA	NA	FXYD6P3
100272147	ENSG00000182712	74.7021254	-0.13793868	0.22704024	0.45345703	0.67663865	CMC4
302	ENSG00000182718	1091.19499	0.95920695	0.1107401	6.51E-19	2.29E-17	ANXA2
NA	ENSG00000182722	0.36237696	0.00090817	0.38336443	0.96722566	NA	SEPHS1P1
9628	ENSG00000182732	0.173733	0.01914545	0.38484597	0.78225479	NA	RGS6
3214	ENSG00000182742	0	NA	NA	NA	NA	HOXB4
340146	ENSG00000182747	749.365496	-1.26765064	0.11927204	2.22E-27	1.15E-25	SLC35D3
164091	ENSG00000182749	534.606489	0.09780473	0.11035771	0.3552001	0.58555629	PAQR7
5069	ENSG00000182752	68.6738558	0.04364174	0.26779302	0.82179087	0.91847813	PAPPA
389692	ENSG00000182759	0.74659737	-0.03303578	0.38644226	0.4112877	NA	MAFA
51335	ENSG00000182768	2987.97264	-0.02431481	0.05855425	0.67377985	0.83989647	NGRN
2894	ENSG00000182771	264.391328	-1.69983788	0.15889652	7.95E-28	4.23E-26	GRID1
6218	ENSG00000182774	13759.354	-0.1388492	0.0514415	0.00639476	0.0286199	RPS17
NA	ENSG00000182776	0	NA	NA	NA	NA	
338442	ENSG00000182782	0.61725667	-0.01616397	0.38340632	0.71508012	NA	HCAR2
343563	ENSG00000182783	0	NA	NA	NA	NA	OR2T29
55231	ENSG00000182791	6.2090406	0.04011627	0.35746265	0.77304752	0.89561741	CCDC87
221357	ENSG00000182793	0	NA	NA	NA	NA	GSTA5
79098	ENSG00000182795	4.11138321	0.27884768	0.51886602	0.03654239	0.11731408	C1orf116
440104	ENSG00000182796	542.378911	0.40737386	0.11057039	0.00011728	0.00087769	TMEM198B
645864	ENSG00000182798	0.64893849	-0.03787929	0.38680562	0.40888116	NA	MAGEB17
1397	ENSG00000182809	2193.94354	-0.52046323	0.06795965	7.16E-15	1.93E-13	CRIP2
55794	ENSG00000182810	222.853385	0.22504724	0.16727384	0.13487664	0.30939444	DDX28
NA	ENSG00000182814	0	NA	NA	NA	NA	FUNDC2P2
337959	ENSG00000182816	0	NA	NA	NA	NA	KRTAP13-2
642643	ENSG00000182824	0.33471731	0.02354391	0.38534154	0.62842204	NA	FAM230E
64746	ENSG00000182827	1393.86311	-0.13595276	0.07262066	0.05636595	0.16323171	ACBD3
29035	ENSG00000182831	1894.57746	-0.27359139	0.07028962	7.28E-05	0.00057491	C16orf72
345557	ENSG00000182836	3215.9047	-1.19766158	0.06759487	2.32E-71	3.87E-69	PLCXD3
91695	ENSG00000182841	228.792835	0.27652857	0.15114884	0.04634684	0.14047072	RRP7BP

284013	ENSG00000182853	3.15406849	-0.02567856	0.3716976	0.79673682	0.90658744	VMO1
390649	ENSG00000182854	0.14931947	-0.01844332	0.38480212	0.84537521	NA	OR4F15
79087	ENSG00000182858	590.945071	0.27328623	0.14419561	0.04033895	0.1262121	ALG12
3932	ENSG00000182866	0	NA	NA	NA	NA	LCK
50614	ENSG00000182870	0	NA	NA	NA	NA	GALNT9
80781	ENSG00000182871	1291.08811	-0.00151768	0.08451586	0.98495952	0.99473578	COL18A1
8241	ENSG00000182872	2207.04903	-0.08133003	0.06805043	0.22427772	0.43800275	RBM10
100506504	ENSG00000182873	58.5663039	0.29860578	0.32099988	0.16960171	0.36127312	PRKCZ-AS1
222487	ENSG00000182885	0	NA	NA	NA	NA	ADGRG3
NA	ENSG00000182888	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPS27AP20
2747	ENSG00000182890	0.34111665	0.02362658	0.3853534	0.62410225	NA	GLUD2
339168	ENSG00000182896	0	NA	NA	NA	NA	TMEM95
126637	ENSG00000182898	0	NA	NA	NA	NA	TCHHL1
6165	ENSG00000182899	6276.01539	0.01254535	0.05224009	0.92453796	0.96857287	RPL35A
6000	ENSG00000182901	178.687389	-1.74892312	0.19755763	6.50E-20	2.41E-18	RGS7
83733	ENSG00000182902	3.75382409	0.09097394	0.38110037	0.42614263	0.65196405	SLC25A18
170960	ENSG00000182903	668.600993	0.18013489	0.09861928	0.05844691	0.16783712	ZNF721
NA	ENSG00000182912	250.158656	-0.18242409	0.32875837	0.36072598	0.59064153	TSPEAR-AS2
56849	ENSG00000182916	419.494361	-0.27437792	0.11895457	0.01489813	0.05734884	TCEAL7
28970	ENSG00000182919	469.126672	-0.02204004	0.14252773	0.86663204	0.94131062	C11orf54
NA	ENSG00000182921	0	NA	NA	NA	NA	CCDC75P1
80254	ENSG00000182923	487.373047	-0.13809158	0.10930784	0.18653346	0.38634762	CEP63
280664	ENSG00000182931	0	NA	NA	NA	NA	WFDC10B
6734	ENSG00000182934	2406.61691	0.23387133	0.06920794	0.00058277	0.0036888	SRPRA
347741	ENSG00000182938	0	NA	NA	NA	NA	OTOP3
2130	ENSG00000182944	8113.9076	0.07945057	0.05635693	0.1544292	0.33975109	EWSR1
161753	ENSG00000182950	1.80988999	0.0855585	0.39189238	0.25050022	NA	ODF3L1
10473	ENSG00000182952	1330.48353	-0.15352355	0.08049677	0.05081352	0.15087402	HMGN4
221178	ENSG00000182957	339.106348	0.30086306	0.14646932	0.02591427	0.08955568	SPATA13
10052	ENSG00000182963	1653.73281	0.1171334	0.09821602	0.21718093	0.42857268	GJC1
NA	ENSG00000182965	0	NA	NA	NA	NA	NPM1P14
6656	ENSG00000182968	0	NA	NA	NA	NA	SOX1
25904	ENSG00000182973	774.036403	-0.07695428	0.10941419	0.46211261	0.68512286	CNOT10
NA	ENSG00000182974	0	NA	NA	NA	NA	OR4M2B
9112	ENSG00000182979	5988.28778	0.27457211	0.05779718	1.51E-06	1.66E-05	MTA1
389114	ENSG00000182983	300.31674	0.04226168	0.13029861	0.72955123	0.87068674	ZNF662
23705	ENSG00000182985	3686.35791	-0.54360001	0.06641659	9.83E-17	2.99E-15	CADM1
162967	ENSG00000182986	1296.86085	-0.13257804	0.0865134	0.11508591	0.27652954	ZNF320

144608	ENSG00000182993	39.0566859	0.17576946	0.32309272	0.38047231	0.60938575	C12orf60
5831	ENSG00000183010	3447.90184	0.50039068	0.08183751	3.99E-10	7.21E-09	PYCR1
84316	ENSG00000183011	699.259752	-0.04687215	0.09690647	0.61622537	0.80322655	NAA38
124976	ENSG00000183018	46.6823325	-0.42365113	0.39366423	0.07843673	0.20835248	SPNS2
199675	ENSG00000183019	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MCEMP1
161	ENSG00000183020	2222.3679	-0.17690089	0.0834091	0.02931159	0.09858313	AP2A2
NA	ENSG00000183022	0	NA	NA	NA	NA	TPM3P8
6546	ENSG00000183023	97.9832383	-0.94117601	0.29011116	0.00013872	0.00102161	SLC8A1
8390	ENSG00000183024	0	NA	NA	NA	NA	OR1G1
89874	ENSG00000183032	0	NA	NA	NA	NA	SLC25A21
92736	ENSG00000183034	0	NA	NA	NA	NA	OTOP2
1538	ENSG00000183035	0	NA	NA	NA	NA	CYLC1
5121	ENSG00000183036	0.173124	-0.01911262	0.38486262	0.84537521	NA	PCP4
18	ENSG00000183044	1417.46512	-0.66242276	0.08268382	2.91E-16	8.60E-15	ABAT
1468	ENSG00000183048	785.754966	0.05179308	0.08975674	0.55345964	0.75964298	SLC25A10
57118	ENSG00000183049	708.124266	-0.17458133	0.11522053	0.1111431	0.26924042	CAMK1D
729540	ENSG00000183054	860.462356	-0.15649157	0.10548123	0.12164525	0.28819117	RGPD6
NA	ENSG00000183055	0	NA	NA	NA	NA	FAM133CP
145748	ENSG00000183060	202.17867	-0.16619834	0.17096535	0.27605083	0.50016881	LYSMD4
164684	ENSG00000183066	9.59951775	-0.06689328	0.35110151	0.6632172	0.83380582	WBP2NL
150084	ENSG00000183067	0.9298696	0.00937803	0.38200548	0.84585339	NA	IGSF5
1482	ENSG00000183072	0	NA	NA	NA	NA	NKX2-5
125061	ENSG00000183077	453.925712	0.0980781	0.113376	0.36549594	0.59471759	AFMID
2621	ENSG00000183087	1118.17219	-0.35891313	0.08602655	1.78E-05	0.00016151	GAS6
166752	ENSG00000183090	0.173124	-0.01911262	0.38486262	0.84537521	NA	FREM3
4703	ENSG00000183091	21.7846093	-0.0730346	0.30794126	0.69458437	0.85228239	NEB
57596	ENSG00000183092	6200.48128	0.62930014	0.06441651	4.41E-23	1.92E-21	BEGAIN
10082	ENSG00000183098	1037.19608	-0.14145602	0.13079458	0.24828008	0.46743944	GPC6
389337	ENSG00000183111	258.33703	0.41181784	0.16171726	0.00515068	0.02382041	ARHGEF37
163933	ENSG00000183114	3.18077887	0.24723647	0.50048853	0.01436346	0.05564753	FAM43B
64478	ENSG00000183117	0	NA	NA	NA	NA	CSMD1
NA	ENSG00000183122	0	NA	NA	NA	NA	OR2A3P
119395	ENSG00000183128	0.45049191	-0.02733669	0.38571609	0.56128806	NA	CALHM3
11251	ENSG00000183134	4.61036505	0.07344575	0.37378476	0.53723911	0.74759591	PTGDR2
285753	ENSG00000183137	515.678155	-0.40938753	0.13850346	0.00151035	0.00842196	CEP57L1
53820	ENSG00000183145	5.34379603	0.19593501	0.4322084	0.13363379	0.3075034	RIPPLY3
NA	ENSG00000183146	0	NA	NA	NA	NA	PRORY
NA	ENSG00000183148	1.49319474	-0.05783425	0.39048926	0.16515854	NA	ANKRD20A2P

2842	ENSG00000183150	87.5812986	-1.4166223	0.33891376	2.05E-06	2.20E-05	GPR19
125111	ENSG00000183153	57.8579662	0.27587726	0.31206127	0.19712719	0.40108743	GJD3
102723701	ENSG00000183154	2.08694033	0.08914678	0.39094022	0.28568966	NA	
5877	ENSG00000183155	364.855272	-0.41059359	0.12560703	0.00053355	0.00341254	RABIF
338773	ENSG00000183160	1464.34697	-0.49174017	0.07258829	5.10E-12	1.11E-10	TMEM119
2188	ENSG00000183161	615.902127	0.05566112	0.11094945	0.60091472	0.79174845	FANCF
83698	ENSG00000183166	0.74084089	0.04259458	0.38746842	0.33153098	NA	CALN1
NA	ENSG00000183169	0	NA	NA	NA	NA	POM121L1P
NA	ENSG00000183171	0.50081678	-0.02974107	0.38592371	0.52183155	NA	
91689	ENSG00000183172	179.920641	-0.36119079	0.18582018	0.02722423	0.0930328	SMDT1
200959	ENSG00000183185	0	NA	NA	NA	NA	GABRR3
126567	ENSG00000183186	259.087312	0.08201372	0.14166329	0.53416779	0.74539459	C2CD4C
4166	ENSG00000183196	6.50725897	0.0001403	0.35792586	0.99835658	0.99941443	CHST6
NA	ENSG00000183199	0.37844916	0.02407552	0.3854191	0.60038877	NA	HSP90AB3P
388468	ENSG00000183206	0	NA	NA	NA	NA	POTEC
10856	ENSG00000183207	3267.49111	-0.0769629	0.06279436	0.21461133	0.42493901	RUVBL2
390637	ENSG00000183208	50.944386	-0.28314974	0.2985247	0.18121066	0.378484	GDPGP1
29119	ENSG00000183230	1.95964608	-0.09244964	0.39567729	0.18279773	NA	CTNNA3
NA	ENSG00000183239	0.62281892	-0.04506767	0.38756765	0.37413999	NA	
NA	ENSG00000183242	2.32339574	0.16804855	0.43703502	0.01376837	NA	WT1-AS
150221	ENSG00000183246	1.27594059	0.04712006	0.38669214	0.32115792	NA	RIMBP3C
80164	ENSG00000183248	1421.96355	0.29190567	0.09679058	0.00178339	0.00969646	PRR36
NA	ENSG00000183249	0	NA	NA	NA	NA	NF1P3
84536	ENSG00000183250	143.566392	-0.39579906	0.20651129	0.02547023	0.08840612	LINC01547
79339	ENSG00000183251	0	NA	NA	NA	NA	OR51B4
754	ENSG00000183255	3824.58761	0.03757725	0.05343429	0.47877357	0.70035842	PTTG1IP
51428	ENSG00000183258	1397.32833	0.1660517	0.08421041	0.04306489	0.13277051	DDX41
140701	ENSG00000183260	0	NA	NA	NA	NA	ABHD16B
390079	ENSG00000183269	0	NA	NA	NA	NA	OR52E8
160777	ENSG00000183273	0.16735865	0.01897177	0.38482933	0.78225479	NA	CCDC60
5343	ENSG00000183281	66.8019665	0.02636458	0.2320165	0.88813123	0.95127807	PLGLB1
9802	ENSG00000183283	1409.60354	0.1063095	0.08276416	0.18836657	0.38884536	DAZAP2
147372	ENSG00000183287	173.623839	-1.31987244	0.21432024	6.63E-11	1.30E-09	CCBE1
9403	ENSG00000183291	1368.1843	-0.15215822	0.07965795	0.05046875	0.14998501	SELENOF
150527	ENSG00000183292	0	NA	NA	NA	NA	PRSS40A
646743	ENSG00000183292	0	NA	NA	NA	NA	PRSS40A
NA	ENSG00000183298	1.13550476	-0.03439825	0.38119686	0.60753377	NA	RPSAP19
120065	ENSG00000183303	0	NA	NA	NA	NA	OR5P2

171482	ENSG00000183304	0	NA	NA	NA	NA	FAM9A
266740	ENSG00000183305	881.252936	-0.51348747	0.11562946	3.34E-06	3.46E-05	MAGEA2B
27439	ENSG00000183307	238.799174	-1.32439814	0.16156031	2.34E-17	7.39E-16	TMEM121B
NA	ENSG00000183308	1.96235268	-0.04398916	0.37897764	0.59876214	NA	
9831	ENSG00000183309	1128.71671	-0.12237347	0.08476308	0.13830036	0.31462897	ZNF623
127068	ENSG00000183310	0	NA	NA	NA	NA	OR2T34
338751	ENSG00000183313	0	NA	NA	NA	NA	OR52L1
284656	ENSG00000183317	142.735155	-1.55226283	0.97925863	0.00332039	0.01647737	EPHA10
388333	ENSG00000183318	0	NA	NA	NA	NA	SPDYE4
202243	ENSG00000183323	299.760637	-0.25291979	0.1491481	0.06487628	0.18151817	CCDC125
283677	ENSG00000183324	0	NA	NA	NA	NA	REC114
552900	ENSG00000183336	477.37078	-0.00147351	0.13222623	0.98931465	0.99604194	BOLA2
54880	ENSG00000183337	2913.81868	-0.01233759	0.08238089	0.87688773	0.94566867	BCOR
8690	ENSG00000183340	256.046049	0.20147875	0.15844579	0.16300904	0.35195933	JRKL
219621	ENSG00000183346	50.9948343	0.00089343	0.25461116	0.9978654	0.99926338	CABCOCO1
163351	ENSG00000183347	0.49008205	-0.00828035	0.38275294	0.84705846	NA	GBP6
158358	ENSG00000183354	613.373373	-0.13922118	0.11202212	0.19159747	0.39346794	KIAA2026
341277	ENSG00000183378	0	NA	NA	NA	NA	OVCH2
646658	ENSG00000183379	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SYNDIG1L
2275	ENSG00000183386	216.839551	-0.33024555	0.15925611	0.02249359	0.08003652	FHL3
120793	ENSG00000183389	0	NA	NA	NA	NA	OR56A4
5367	ENSG00000183395	0.34746601	0.02370763	0.3853651	0.61987128	NA	PMCH
440955	ENSG00000183396	0.173733	0.01914545	0.38484597	0.78225479	NA	TMEM89
100128569	ENSG00000183397	10.6974654	0.19708328	0.39555933	0.25552079	0.47650319	C19orf71
126075	ENSG00000183401	56.3465642	0.33277442	0.28726674	0.11767454	0.28128469	CCDC159
54101	ENSG00000183421	0.66333729	0.00158865	0.38130712	0.97431639	NA	RIPK4
345193	ENSG00000183423	3.11784857	0.14673233	0.41199684	0.1522651	0.33663244	LRIT3
9284	ENSG00000183426	2178.91567	0.13164073	0.07050357	0.05743543	0.16567591	NPIPA1
642799	ENSG00000183426	2178.91567	0.13164073	0.07050357	0.05743543	0.16567591	NPIPA1
10946	ENSG00000183431	2064.72768	-0.25082029	0.08516101	0.00246207	0.01280072	SF3A3
NA	ENSG00000183432	0	NA	NA	NA	NA	ZBTB8OSP1
51270	ENSG00000183434	0.29863895	-0.02292439	0.3852726	0.68753245	NA	TFDP3
391712	ENSG00000183439	0.70350977	-0.04037975	0.3871535	0.37490811	NA	TRIM61
NA	ENSG00000183444	41.8999704	0.05755485	0.26242981	0.76684628	0.89261979	OR7E38P
2903	ENSG00000183454	0	NA	NA	NA	NA	GRIN2A
NA	ENSG00000183458	1707.62447	0.42273476	0.08104768	9.26E-08	1.23E-06	PKD1P3
646625	ENSG00000183463	0	NA	NA	NA	NA	URAD
286023	ENSG00000183470	0	NA	NA	NA	NA	

728340	ENSG00000183474	1070.69753	0.09265866	0.091351	0.29662484	0.52325392	GTF2H2C
140460	ENSG00000183475	357.105754	-0.22577618	0.13459501	0.07221512	0.19574701	ASB7
646892	ENSG00000183476	21.2075591	0.18275889	0.334205	0.36048215	0.5904664	SH2D7
11219	ENSG00000183479	8.32235357	-0.06549389	0.36669979	0.61050156	0.7987352	TREX2
29933	ENSG00000183484	0.67813863	0.00201297	0.38127911	0.96796511	NA	GPR132
4600	ENSG00000183486	0	NA	NA	NA	NA	MX2
57634	ENSG00000183495	3821.61799	-0.02216248	0.05937145	0.70459866	0.85803894	EP400
84206	ENSG00000183496	1909.00365	0.32876382	0.06795378	8.53E-07	9.79E-06	MEX3B
NA	ENSG00000183506	1086.86217	0.15130766	0.15032468	0.27278616	0.49638425	PI4KAP2
54855	ENSG00000183508	0.48674198	0.01127224	0.38339997	0.7864547	NA	TENT5C
493753	ENSG00000183513	689.34976	0.0287561	0.10294749	0.77280314	0.89561741	COA5
NA	ENSG00000183514	0	NA	NA	NA	NA	TDGF1P2
51118	ENSG00000183520	842.189234	-0.08066967	0.09850859	0.39595411	0.62540637	UTP11
8624	ENSG00000183527	265.838524	-0.28309486	0.1567402	0.04714193	0.14220708	PSMG1
253143	ENSG00000183530	1800.18372	-0.22808034	0.08068785	0.00372133	0.01816736	PRR14L
378832	ENSG00000183535	1.70346212	-0.0263742	0.37665076	0.7499803	NA	COL18A1-AS1
8302	ENSG00000183542	0	NA	NA	NA	NA	KLRC4
54988	ENSG00000183549	0	NA	NA	NA	NA	ACSM5
399814	ENSG00000183559	0	NA	NA	NA	NA	C10orf120
390243	ENSG00000183560	0	NA	NA	NA	NA	IZUMO1R
NA	ENSG00000183562	5.63414418	-0.12360921	0.38785469	0.33222153	0.56138959	
317716	ENSG00000183566	0	NA	NA	NA	NA	BPIFA4P
253190	ENSG00000183569	26.2186865	0.07221953	0.31236504	0.700407	0.8555116	SERHL2
54039	ENSG00000183570	905.062567	-0.95520975	0.13613263	3.06E-13	7.23E-12	PCBP3
145814	ENSG00000183571	0.4479964	0.02634439	0.38557832	0.58562477	NA	PGPEP1L
84193	ENSG00000183576	606.650351	-0.23638342	0.10518962	0.01907146	0.07010892	SETD3
388121	ENSG00000183578	1.62877765	0.04686899	0.3828543	0.50010504	NA	TNFAIP8L3
84133	ENSG00000183579	451.18227	0.07232069	0.11112043	0.49712954	0.71502465	ZNRF3
23194	ENSG00000183580	799.15552	0.56792935	0.11949725	6.53E-07	7.64E-06	FBXL7
NA	ENSG00000183586	0	NA	NA	NA	NA	HMG3P1
128989	ENSG00000183597	288.814562	-0.23805204	0.16469849	0.10851755	0.2643325	TANGO2
653604	ENSG00000183598	4.56898049	-0.09629338	0.38440524	0.38151357	0.61056943	H3C13
595101	ENSG00000183604	542.704554	0.11340265	0.12231395	0.32803069	0.55648815	SMG1P5
119559	ENSG00000183605	388.155232	-0.13972306	0.12562703	0.23795844	0.45535257	SFXN4
200504	ENSG00000183607	0	NA	NA	NA	NA	GKN2
84734	ENSG00000183615	9.49116109	0.54746156	0.80730728	0.03168835	0.10480027	FAM167B
116541	ENSG00000183617	203.530296	-0.10782347	0.15339013	0.44203063	0.66680698	MRPL54
220929	ENSG00000183621	97.4255286	0.06571326	0.20348937	0.70503767	0.85803894	ZNF438

56941	ENSG00000183624	638.867134	-0.22392539	0.1056091	0.02694508	0.09231401	HMCES
1232	ENSG00000183625	0	NA	NA	NA	NA	CCR3
105377067	ENSG00000183625	0	NA	NA	NA	NA	CCR3
8214	ENSG00000183628	100.826678	0.55621206	0.25213645	0.00756369	0.03297377	DGCR6
283768	ENSG00000183629	0	NA	NA	NA	NA	GOLGA8G
100130613	ENSG00000183631	0	NA	NA	NA	NA	PRR32
24150	ENSG00000183632	16.1842529	-0.24492703	0.39041187	0.218635	0.43050004	TP53TG3
102723655	ENSG00000183632	16.1842529	-0.24492703	0.39041187	0.218635	0.43050004	TP53TG3
102723713	ENSG00000183632	16.1842529	-0.24492703	0.39041187	0.218635	0.43050004	TP53TG3
102724101	ENSG00000183632	16.1842529	-0.24492703	0.39041187	0.218635	0.43050004	TP53TG3
102724127	ENSG00000183632	16.1842529	-0.24492703	0.39041187	0.218635	0.43050004	TP53TG3
94137	ENSG00000183638	5.61302993	0.1493574	0.39942894	0.25712386	0.47814578	RP1L1
337879	ENSG00000183640	0	NA	NA	NA	NA	KRTAP8-1
145858	ENSG00000183643	0.60279648	-0.02752712	0.38588313	0.49730371	NA	C15orf32
399949	ENSG00000183644	0.50207596	0.02562368	0.38565771	0.52549886	NA	HOATZ
348327	ENSG00000183647	223.712586	-0.01264424	0.16380931	0.93172742	0.9715756	ZNF530
4707	ENSG00000183648	335.903068	-0.28513905	0.12920994	0.01869577	0.06893219	NDUFB1
441061	ENSG00000183654	836.940151	-1.17085801	0.09787517	6.14E-34	3.99E-32	MARCHF11
64410	ENSG00000183655	602.648348	-0.09406624	0.10773814	0.36113867	0.59092711	KLHL25
407738	ENSG00000183662	0.16735865	0.01897177	0.38482933	0.78225479	NA	TAF1
NA	ENSG00000183663	0	NA	NA	NA	NA	GAPDHP30
55039	ENSG00000183665	289.98739	0.20048785	0.15370822	0.15381039	0.33890581	TRMT12
728411	ENSG00000183666	284.8359	0.16691142	0.15790118	0.24559542	0.46467796	GUSBP1
5678	ENSG00000183668	0	NA	NA	NA	NA	PSG9
2825	ENSG00000183671	13.6967807	0.04221513	0.34937051	0.7796528	0.89925062	GPR1
NA	ENSG00000183674	0	NA	NA	NA	NA	LINC00518
353500	ENSG00000183682	130.331849	-0.22868713	0.19493095	0.17411914	0.36742436	BMP8A
10189	ENSG00000183684	2385.95601	0.26001227	0.08755041	0.00224266	0.01181162	ALYREF
359845	ENSG00000183688	1653.66952	0.33919367	0.07659365	5.98E-06	5.93E-05	RFLNB
80258	ENSG00000183690	13.7750127	0.71964844	0.77071215	0.02414305	0.08477229	EFHC2
9241	ENSG00000183691	0	NA	NA	NA	NA	NOG
117194	ENSG00000183695	0	NA	NA	NA	NA	MRGPRX2
7378	ENSG00000183696	82.6515048	0.01241706	0.22603636	0.94729638	0.97843954	UPP1
NA	ENSG00000183704	0	NA	NA	NA	NA	SLC9B1P1
283694	ENSG00000183706	0	NA	NA	NA	NA	OR4N4
282616	ENSG00000183709	0	NA	NA	NA	NA	IFNL2
4978	ENSG00000183715	1.18815028	0.06717315	0.39222996	0.15327856	NA	OPCML
84851	ENSG00000183718	656.182941	0.00700202	0.1119826	0.94893184	0.97900074	TRIM52

10186	ENSG00000183722	126.66632	0.0204	0.19132454	0.90349323	0.95785538	LHFPL6
146223	ENSG00000183723	1066.72043	0.20333415	0.08461731	0.01363161	0.05344884	CMTM4
23585	ENSG00000183726	1011.94453	0.0290556	0.08455879	0.72528511	0.86857346	TMEM50A
344018	ENSG00000183733	1.02999244	0.03390006	0.3815362	0.60064137	NA	FIGLA
430	ENSG00000183734	0	NA	NA	NA	NA	ASCL2
29110	ENSG00000183735	528.001095	-0.18126435	0.11099386	0.08685592	0.22472894	TBK1
23466	ENSG00000183741	1014.91667	-0.24866338	0.08538821	0.00274685	0.01405297	CBX6
346389	ENSG00000183742	0.36122628	-0.00938616	0.38365907	0.92306001	NA	MACC1
123876	ENSG00000183747	0	NA	NA	NA	NA	ACSM2A
10607	ENSG00000183751	981.934489	0.19749443	0.09670863	0.03456711	0.11226248	TBL3
9083	ENSG00000183753	0	NA	NA	NA	NA	BPY2
390928	ENSG00000183760	0	NA	NA	NA	NA	ACP7
83999	ENSG00000183762	709.281892	0.5825542	0.11737135	2.16E-07	2.73E-06	KREMEN1
10293	ENSG00000183763	302.701009	-0.04207861	0.14215569	0.74887582	0.88205755	TRAIP
11200	ENSG00000183765	283.094731	0.00029895	0.1496135	0.99923868	0.99963176	CHEK2
668	ENSG00000183770	0	NA	NA	NA	NA	FOXL2
150209	ENSG00000183773	39.9955936	0.1891163	0.30378423	0.35434173	0.58485041	AIFM3
57528	ENSG00000183775	25.1264103	-0.06896403	0.30254519	0.71536661	0.86274919	KCTD16
10317	ENSG00000183778	75.5655546	-0.07770025	0.29181203	0.6840146	0.84597592	B3GALT5
80139	ENSG00000183779	190.57416	-1.41074038	0.19794753	9.11E-14	2.24E-12	ZNF703
148641	ENSG00000183780	392.628697	-1.82970776	0.13489259	5.07E-43	4.16E-41	SLC35F3
386617	ENSG00000183783	0	NA	NA	NA	NA	KCTD8
NA	ENSG00000183784	0	NA	NA	NA	NA	DOCK8-AS1
51807	ENSG00000183785	38.2014817	-0.1922599	0.32512115	0.3404433	0.57071357	TUBA8
100288332	ENSG00000183793	24.3014879	-0.1862385	0.40354043	0.23496489	0.45186105	NPIPA5
90187	ENSG00000183798	56.3057157	-0.49273219	0.3204256	0.03505683	0.11342589	EMILIN3
283298	ENSG00000183801	0.44808424	0.02634827	0.38557859	0.58559402	NA	OLFML1
221303	ENSG00000183807	32.5547868	2.36937783	0.47570963	3.97E-08	5.54E-07	FAM162B
389677	ENSG00000183808	1362.28683	-0.03092918	0.09195066	0.72808996	0.87004185	RBM12B
1233	ENSG00000183813	0	NA	NA	NA	NA	CCR4
286826	ENSG00000183814	448.991986	-0.11691845	0.11720607	0.29393792	0.52021105	LIN9
107985578	ENSG00000183822	0	NA	NA	NA	NA	NCF4-AS1
114781	ENSG00000183826	432.235308	-0.17104354	0.13363928	0.1704172	0.36231003	BTBD9
256281	ENSG00000183828	94.9110855	-0.05992958	0.21205522	0.73396271	0.87327664	NUDT14
339416	ENSG00000183831	116.495445	0.08893599	0.18999031	0.59190992	0.78646482	ANKRD45
89876	ENSG00000183833	143.417404	0.38667709	0.22488095	0.03933805	0.12396233	CFAP91
29944	ENSG00000183837	56.0348515	-0.87040695	0.3393478	0.00129319	0.00737693	PNMA3
2863	ENSG00000183840	6.00777454	1.98895326	1.91822416	0.00704353	0.03113025	GPR39

54097	ENSG00000183844	0	NA	NA	NA	NA	FAM3B
100129543	ENSG00000183850	166.932057	-0.2055263	0.18282898	0.20083115	0.40608337	ZNF730
55243	ENSG00000183853	0	NA	NA	NA	NA	KIRREL1
128239	ENSG00000183856	2726.38364	0.2348702	0.06033777	7.97E-05	0.00062137	IQGAP3
1260	ENSG00000183862	0	NA	NA	NA	NA	CNGA2
10766	ENSG00000183864	471.910589	0.07714513	0.12317642	0.5093292	0.72495095	TOB2
6331	ENSG00000183873	145.925391	-0.72211182	0.19605779	4.65E-05	0.00038373	SCN5A
340075	ENSG00000183876	0	NA	NA	NA	NA	ARSI
7404	ENSG00000183878	0	NA	NA	NA	NA	UTY
149563	ENSG00000183888	0	NA	NA	NA	NA	SRARP
NA	ENSG00000183889	3359.91575	-0.20828063	0.1002947	0.03080348	0.10237631	
130502	ENSG00000183891	111.84851	0.25079921	0.2114047	0.15982258	0.3473795	TTC32
219527	ENSG00000183908	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LRRC55
NA	ENSG00000183909	0	NA	NA	NA	NA	OR4G2P
NA	ENSG00000183911	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL21P132
146754	ENSG00000183914	11.8334534	0.16545937	0.4066389	0.19676758	0.40043787	DNAH2
4068	ENSG00000183918	0	NA	NA	NA	NA	SH2D1A
100288072	ENSG00000183921	0.18922458	0.01954053	0.38488496	0.78225479	NA	SDR42E2
NA	ENSG00000183929	90.1944052	-0.15734297	0.22407801	0.38959918	0.61876783	DUSP5P1
93164	ENSG00000183935	43.4496271	-0.16832391	0.28530918	0.4006072	0.6290998	HTR7P1
NA	ENSG00000183938	0	NA	NA	NA	NA	TRBV21OR9-2
5613	ENSG00000183943	1193.03794	0.0690996	0.09266628	0.44344604	0.66848792	PRKX
387893	ENSG00000183955	1115.92505	-0.2151225	0.10282345	0.02932941	0.09860958	KMT5A
131096	ENSG00000183960	501.342653	-0.31865283	0.1116691	0.00276331	0.01412629	KCNH8
6525	ENSG00000183963	632.082081	0.2999592	0.09979838	0.00180475	0.00979648	SMTN
283869	ENSG00000183971	121.220949	-0.10280374	0.19728241	0.54299779	0.75099868	NPW
151649	ENSG00000183977	5.55463117	0.0602902	0.36496604	0.64604706	0.82370422	PP2D1
28958	ENSG00000183978	407.471486	0.07619686	0.11699642	0.49466937	0.71350347	COA3
256933	ENSG00000183979	25.4317907	0.35271198	0.38398128	0.12408994	0.29194169	NPB
NA	ENSG00000183981	0	NA	NA	NA	NA	MAGEA13P
256435	ENSG00000184005	353.177909	-0.10213322	0.15095229	0.46045089	0.68357869	ST6GALNAC3
8073	ENSG00000184007	2536.76397	-0.32936649	0.06225721	7.89E-08	1.05E-06	PTP4A2
71	ENSG00000184009	35005.2675	0.09164841	0.05152944	0.07229325	0.19588883	ACTG1
7113	ENSG00000184012	0	NA	NA	NA	NA	TMPRSS2
23258	ENSG00000184014	2035.28055	-0.0216186	0.09772543	0.81729081	0.91682968	DENND5A
127069	ENSG00000184022	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR2T10
10281	ENSG00000184029	0	NA	NA	NA	NA	DSCR4
337976	ENSG00000184032	0	NA	NA	NA	NA	KRTAP20-2

1485	ENSG00000184033	0.34746601	0.02370763	0.3853651	0.61987128	NA	CTAG1B
56616	ENSG00000184047	1243.15823	-0.03334015	0.09257128	0.70979727	0.860757	DIABLO
NA	ENSG00000184055	0	NA	NA	NA	NA	OR7E87P
26276	ENSG00000184056	188.012496	0.19306063	0.18531844	0.23517847	0.45199466	VPS33B
6899	ENSG00000184058	4.59591499	0.00181957	0.36722786	0.98902418	0.99604194	TBX1
55803	ENSG00000184060	9.71966644	-0.06891831	0.36813944	0.57786718	0.77608611	ADAP2
NA	ENSG00000184068	43.6268152	-0.07432663	0.27610491	0.70019738	0.85541355	SREBF2-AS1
29796	ENSG00000184076	795.10979	-0.08241164	0.09100843	0.35070053	0.58113472	UQCR10
54954	ENSG00000184083	435.818461	0.06766321	0.12396187	0.56485266	0.76715609	FAM120C
NA	ENSG00000184084	0	NA	NA	NA	NA	
NA	ENSG00000184100	0.67935032	0.0029718	0.38128818	0.95334318	NA	BRD7P2
NA	ENSG00000184106	0	NA	NA	NA	NA	TREML3P
339976	ENSG00000184108	0	NA	NA	NA	NA	TRIML1
8663	ENSG00000184110	18975.8737	-0.07107432	0.0510278	0.15933313	0.34688536	EIF3C
NA	ENSG00000184111	0	NA	NA	NA	NA	RPL11P4
7122	ENSG00000184113	13.0200556	0.04455294	0.33436326	0.7942049	0.90579008	CLDN5
NA	ENSG00000184115	0	NA	NA	NA	NA	
8508	ENSG00000184117	3907.22328	0.04429369	0.05809635	0.44242593	0.66720358	NIPSNAP1
NA	ENSG00000184139	0	NA	NA	NA	NA	RPL7AP28
390648	ENSG00000184140	0	NA	NA	NA	NA	OR4F6
6900	ENSG00000184144	159.393348	-2.87591259	0.28020175	6.25E-26	3.07E-24	CNTN2
163778	ENSG00000184148	0	NA	NA	NA	NA	SPRR4
220074	ENSG00000184154	182.932525	0.25718273	0.17026628	0.09179522	0.23401187	LRTOMT
127385	ENSG00000184155	0	NA	NA	NA	NA	OR10J5
3786	ENSG00000184156	453.84702	0.04591886	0.11152275	0.66779697	0.83659884	KCNQ3
152	ENSG00000184160	292.145786	-0.97091501	0.14892451	9.68E-12	2.07E-10	ADRA2C
126382	ENSG00000184162	207.619321	-0.20574215	0.17357231	0.18304418	0.38122995	NR2C2AP
388581	ENSG00000184163	6.21831818	0.20294806	0.42503995	0.17209795	0.36461546	C1QTNF12
79174	ENSG00000184164	1185.59647	0.82247605	0.09018945	1.39E-20	5.38E-19	CRELD2
4991	ENSG00000184166	0	NA	NA	NA	NA	OR1D2
152579	ENSG00000184178	273.097461	-0.20151032	0.14808276	0.13892828	0.31571462	SCFD2
140739	ENSG00000184182	649.498047	0.09855795	0.11166106	0.35586468	0.58600518	UBE2F
3768	ENSG00000184185	16.3435109	-0.13809988	0.34481884	0.44985768	0.67340229	KCNJ12
NA	ENSG00000184188	0.33471731	0.02354391	0.38534154	0.62842204	NA	
54328	ENSG00000184194	1404.6745	0.14032003	0.0839047	0.08642527	0.22393591	GPR173
5504	ENSG00000184203	587.061225	-0.23236807	0.13135043	0.05868202	0.16825136	PPP1R2
64061	ENSG00000184205	584.028612	0.10438592	0.11624601	0.34618175	0.57693723	TSPYL2
643707	ENSG00000184206	82.0495501	0.36951517	0.26032763	0.07076949	0.1930817	GOLGA6L4

283871	ENSG00000184207	722.05622	-0.22700484	0.10524498	0.02434137	0.08530875	PGP
79640	ENSG00000184208	540.121829	0.25813076	0.10596717	0.01107912	0.04514474	C22orf46
11066	ENSG00000184209	350.458852	0.24670947	0.13768159	0.05433834	0.15863564	SNRNP35
347516	ENSG00000184210	0	NA	NA	NA	NA	DGAT2L6
3654	ENSG00000184216	3075.13251	0.03633327	0.06278929	0.55894165	0.7635226	IRAK1
84319	ENSG00000184220	503.653533	-0.12659944	0.14255068	0.33723494	0.56754103	CMSS1
116448	ENSG00000184221	0	NA	NA	NA	NA	OLIG1
100505621	ENSG00000184224	11.7123317	0.17978398	0.38688393	0.28943388	0.51546747	C11orf72
5101	ENSG00000184226	179.55354	-1.51955517	0.28875995	9.28E-09	1.41E-07	PCDH9
641371	ENSG00000184227	111.443143	0.03629501	0.19689286	0.83149917	0.9237845	ACOT1
220323	ENSG00000184232	454.642888	-0.27319859	0.11958113	0.01577337	0.06006594	OAF
220	ENSG00000184254	1010.96357	0.86279711	0.12524498	8.49E-13	1.94E-11	ALDH1A3
8338	ENSG00000184260	44.8612721	-0.0103628	0.25846629	0.95551307	0.9817278	H2AC20
56660	ENSG00000184261	49.9536157	-0.38371738	0.33915063	0.09368448	0.23741219	KCNK12
317772	ENSG00000184270	1.54581079	0.03668979	0.38135524	0.58959859	NA	H2AC21
5463	ENSG00000184271	258.331553	0.01675698	0.16119063	0.9100288	0.96139357	POU6F1
NA	ENSG00000184274	0.36301683	0.0238952	0.38539247	0.60993574	NA	LINC00315
245911	ENSG00000184276	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DEFB108B
80213	ENSG00000184277	551.904922	-0.29028838	0.12162075	0.01154986	0.04670794	TM2D3
10078	ENSG00000184281	705.467645	0.05916767	0.10076223	0.54351088	0.75149877	TSSC4
4070	ENSG00000184292	0	NA	NA	NA	NA	TACSTD2
160365	ENSG00000184293	0	NA	NA	NA	NA	CLECL1
4990	ENSG00000184302	122.591414	-0.48337463	0.23785409	0.01438484	0.05571951	SIX6
NA	ENSG00000184303	0	NA	NA	NA	NA	DRD5P1
5587	ENSG00000184304	3.05149192	0.19920663	0.44688349	0.06947046	0.19039838	PRKD1
401145	ENSG00000184305	48.5963035	-0.81547834	0.37824871	0.00380938	0.01848412	CCSER1
254887	ENSG00000184307	264.96224	-0.0199554	0.13910153	0.87663024	0.94566867	ZDHHC23
374977	ENSG00000184313	39.6542778	0.38445967	0.39841183	0.10170968	0.25249251	MROH7
NA	ENSG00000184319	261.260526	-0.02688116	0.15280958	0.84685882	0.93052693	RPL23AP82
79470	ENSG00000184321	0	NA	NA	NA	NA	OR51J1
338324	ENSG00000184330	0	NA	NA	NA	NA	S100A7A
26576	ENSG00000184343	29.6986025	0.18927905	0.3422335	0.33849084	0.56881111	SRPK3
9573	ENSG00000184344	0	NA	NA	NA	NA	GDF3
389123	ENSG00000184345	0	NA	NA	NA	NA	IQCF2
6586	ENSG00000184347	12980.3199	0.02277674	0.05287328	0.6641661	0.83431586	SLIT3
1946	ENSG00000184349	592.804258	0.72412801	0.17842056	9.90E-06	9.41E-05	EFNA5
116534	ENSG00000184350	21.3618245	-0.28997091	0.39545759	0.17363332	0.3667112	MRGPRE
337882	ENSG00000184351	0	NA	NA	NA	NA	KRTAP19-1

3009	ENSG00000184357	2.30186897	-0.04535901	0.3761815	0.63075496	NA	H1-5
124783	ENSG00000184361	0.53636214	0.01011868	0.38269945	0.78318813	NA	SPATA32
11187	ENSG00000184363	8.47080239	-0.41950536	0.65833226	0.04013296	0.12570856	PKP3
256714	ENSG00000184368	390.924221	-0.45660401	0.14376637	0.00062934	0.00394505	MAP7D2
1435	ENSG00000184371	34.1983067	1.19436467	0.60900225	0.00259547	0.01339596	CSF1
10584	ENSG00000184374	0	NA	NA	NA	NA	COLEC10
84517	ENSG00000184378	27.4991528	0.04433165	0.29445711	0.81801588	0.9171248	ACTRT3
8398	ENSG00000184381	145.843255	0.60677866	0.20867924	0.00094097	0.00562823	PLA2G6
84441	ENSG00000184384	106.587466	-1.17569501	0.24857503	2.21E-07	2.79E-06	MAML2
150147	ENSG00000184385	0	NA	NA	NA	NA	UMODL1-AS1
645974	ENSG00000184388	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PABPC1L2B
127550	ENSG00000184389	0.91126447	0.06383254	0.39112218	0.20226405	NA	A3GALT2
390437	ENSG00000184394	0	NA	NA	NA	NA	OR4N5
26039	ENSG00000184402	1302.91603	-0.10784683	0.1000177	0.26292987	0.48497991	SS18L1
3751	ENSG00000184408	0.35653705	0.02381602	0.3853809	0.61408977	NA	KCND2
NA	ENSG00000184414	1.37425861	-0.0186538	0.38077972	0.75583429	NA	IRS3P
NA	ENSG00000184423	0	NA	NA	NA	NA	RPL23AP38
116447	ENSG00000184428	669.284017	0.05095941	0.09564657	0.58294159	0.77951315	TOP1MT
9276	ENSG00000184432	2442.90757	-0.07075992	0.07101524	0.31027696	0.53796162	COPB2
64922	ENSG00000184434	0.4990887	0.01258375	0.38346215	0.76502333	NA	LRRC19
80764	ENSG00000184436	527.303755	-0.28740552	0.11570132	0.00878399	0.03728592	THAP7
NA	ENSG00000184441	90.1645305	0.00409555	0.21479513	0.98678625	0.99565021	
9735	ENSG00000184445	2140.93762	-0.03318274	0.07872645	0.66573967	0.83494641	KNTC1
2826	ENSG00000184451	57.130177	-0.10165589	0.25437626	0.59569048	0.78816266	CCR10
400746	ENSG00000184454	0	NA	NA	NA	NA	NCMAP
254240	ENSG00000184459	0	NA	NA	NA	NA	BPIFC
253769	ENSG00000184465	1859.77795	0.23836318	0.07245135	0.00079596	0.00485434	WDR27
10587	ENSG00000184470	407.845579	0.00916757	0.12626148	0.93971713	0.97474024	TXNRD2
390664	ENSG00000184471	0	NA	NA	NA	NA	C1QTNF8
390083	ENSG00000184478	0	NA	NA	NA	NA	OR56A3
4303	ENSG00000184481	349.309463	-0.17474881	0.164094	0.23678134	0.45366893	FOXO4
5454	ENSG00000184486	753.335003	-1.25098719	0.1016366	8.51E-36	5.90E-34	POU3F2
11156	ENSG00000184489	410.099589	0.26193001	0.13703866	0.04023984	0.12600355	PTP4A3
200350	ENSG00000184492	5.8573231	0.18765166	0.4159029	0.1956001	0.39920852	FOXD4L1
348013	ENSG00000184497	62.5917727	1.66012474	0.36011555	2.61E-07	3.26E-06	TMEM255B
5627	ENSG00000184500	520.060001	0.33728209	0.10972767	0.00130301	0.00741802	PROS1
2520	ENSG00000184502	0	NA	NA	NA	NA	GAST
256646	ENSG00000184507	0.9593479	-0.01907145	0.3809965	0.74718274	NA	NUTM1

374659	ENSG00000184508	236.429843	-0.34344991	0.16427629	0.02075104	0.07510044	HDDC3
340542	ENSG00000184515	1.27492684	0.03450414	0.38293094	0.5471287	NA	BEX5
162239	ENSG00000184517	374.358775	-0.21858839	0.14026336	0.09261466	0.23536248	ZFP1
NA	ENSG00000184523	3.96947903	0.18006847	0.43466482	0.08182239	0.21481489	PTGER4P2
51286	ENSG00000184524	431.371413	-0.77825243	0.14656695	2.08E-08	3.02E-07	CEND1
352999	ENSG00000184530	1.35830311	0.00386659	0.37877003	0.95501466	NA	C6orf58
201140	ENSG00000184544	0	NA	NA	NA	NA	DHRS7C
1850	ENSG00000184545	519.558894	-0.87271244	0.11266378	1.56E-15	4.43E-14	DUSP8
9021	ENSG00000184557	137.37167	0.50012483	0.21533641	0.00690861	0.03061578	SOCS3
201243	ENSG00000184560	0.173124	-0.01911262	0.38486262	0.84537521	NA	SPEM2
84189	ENSG00000184564	474.453411	1.67712755	0.121458	1.89E-44	1.64E-42	SLITRK6
NA	ENSG00000184566	0	NA	NA	NA	NA	
440822	ENSG00000184571	0	NA	NA	NA	NA	PIWIL3
57121	ENSG00000184574	5.62594584	-0.00068712	0.35586821	0.9940063	0.99818216	LPAR5
11260	ENSG00000184575	4157.69294	0.01813693	0.06173765	0.76864653	0.8933771	XPOT
340061	ENSG00000184584	13.377469	-0.13968245	0.35913115	0.4166808	0.64309452	STING1
5142	ENSG00000184588	1292.45247	0.01875686	0.09120672	0.83345448	0.92419724	PDE4B
284467	ENSG00000184599	0.83752982	0.01555468	0.38115542	0.7824946	NA	TAFA3
400258	ENSG00000184601	9.01464274	-0.14629586	0.37813579	0.35488174	0.58535214	C14orf180
8303	ENSG00000184602	725.536913	0.21914574	0.09648456	0.0187112	0.06897625	SNN
83656	ENSG00000184608	1.1513741	-0.00401811	0.37950367	0.94927846	NA	FAM167A-AS1
90134	ENSG00000184611	51.4866377	-1.16607565	0.35045913	7.79E-05	0.00060943	KCNH7
NA	ENSG00000184612	0.71350263	0.0420622	0.38737624	0.34118409	NA	RPL7P26
4753	ENSG00000184613	99.489288	1.25081799	0.26018273	1.35E-07	1.75E-06	NELL2
NA	ENSG00000184616	0.51567365	0.03113947	0.38605517	0.47754913	NA	SPDYE12P
NA	ENSG00000184617	2.76198497	0.00756053	0.37373066	0.93500735	0.97306034	ZNF840P
124751	ENSG00000184619	852.768494	0.29689244	0.09351766	0.00103556	0.00608576	KRBA2
NA	ENSG00000184624	0	NA	NA	NA	NA	ZNF72P
9968	ENSG00000184634	2022.78771	0.15437401	0.09058232	0.07921441	0.20996844	MED12
81931	ENSG00000184635	237.618736	-0.33937723	0.15531071	0.016768	0.06323456	ZNF93
10801	ENSG00000184640	9865.67133	-0.23913979	0.05976063	4.91E-05	0.00040257	SEPTIN9
203074	ENSG00000184647	0	NA	NA	NA	NA	PRSS55
146852	ENSG00000184650	0	NA	NA	NA	NA	ODF4
349334	ENSG00000184659	7.50019949	0.25858226	0.45966431	0.12047028	0.28603762	FOXD4L4
157313	ENSG00000184661	487.066211	-0.54693151	0.12149823	2.29E-06	2.44E-05	CDCA2
NA	ENSG00000184669	11.2742338	-0.06455166	0.34525792	0.68697821	0.84777704	OR7E14P
138046	ENSG00000184672	0.54592432	0.03260597	0.38620377	0.45619093	NA	RALYL
139285	ENSG00000184675	400.574117	0.01953092	0.11689241	0.8606184	0.93799827	AMER1

9923	ENSG00000184677	1488.93641	-0.23097703	0.07894376	0.00272808	0.01398219	ZBTB40
8349	ENSG00000184678	147.674066	0.04306285	0.17652338	0.78487831	0.90209627	H2BC21
9074	ENSG00000184697	10.1693576	-0.24546042	0.43725618	0.15431249	0.33953197	CLDN6
390059	ENSG00000184698	0	NA	NA	NA	NA	OR51M1
5413	ENSG00000184702	1745.80015	-0.08252941	0.09140151	0.35112002	0.58132031	SEPTIN5
56478	ENSG00000184708	724.270413	0.13809796	0.10191363	0.15963469	0.34722847	EIF4ENIF1
389816	ENSG00000184709	10.2568001	-2.86047035	1.01403745	0.00029665	0.0020253	LRRC26
619189	ENSG00000184716	1.14012245	-0.03623364	0.38219595	0.56803734	NA	SERINC4
55328	ENSG00000184719	0.71148248	0.00456663	0.3818398	0.92335791	NA	RNLS
337966	ENSG00000184724	0	NA	NA	NA	NA	KRTAP6-1
55911	ENSG00000184730	1.48490281	-0.00830353	0.37725882	0.91165979	NA	APOBR
642273	ENSG00000184731	0.51618059	0.03116426	0.38605761	0.47718172	NA	FAM110C
168400	ENSG00000184735	0.51384646	-0.00893201	0.38272151	0.83199937	NA	DDX53
NA	ENSG00000184741	0	NA	NA	NA	NA	OR5AQ1P
25923	ENSG00000184743	622.552165	0.23385393	0.10788815	0.02358091	0.08312815	ATL3
55967	ENSG00000184752	516.624794	0.06398156	0.10743455	0.53562284	0.74647226	NDUFA12
NA	ENSG00000184761	0	NA	NA	NA	NA	PRSS40B
641515	ENSG00000184774	2.11634394	0.05690135	0.37899318	0.54361741	NA	MGAT4EP
644538	ENSG00000184785	1.43460945	0.05921468	0.38615675	0.36893512	NA	SMIM10
6991	ENSG00000184786	45.0833911	-0.15859181	0.26895794	0.42172616	0.64775467	DYNLT2
7327	ENSG00000184787	5701.44118	0.17701834	0.06005494	0.00287257	0.01460438	UBE2G2
340562	ENSG00000184788	31.1553601	-0.04098428	0.28544505	0.82939691	0.92261925	SATL1
NA	ENSG00000184789	0	NA	NA	NA	NA	OR4C10P
23762	ENSG00000184792	310.34526	-0.47417382	0.16932499	0.00197188	0.01057066	OSBP2
NA	ENSG00000184795	0.14931947	-0.01844332	0.38480212	0.84537521	NA	UNC93B5
NA	ENSG00000184809	12.4730782	0.50296726	0.77973674	0.03066522	0.10208021	B3GALT5-AS1
286753	ENSG00000184811	0.173733	0.01914545	0.38484597	0.78225479	NA	TRARG1
389151	ENSG00000184814	0	NA	NA	NA	NA	PRR23B
201501	ENSG00000184828	126.973011	-2.18281079	0.24744817	6.83E-20	2.53E-18	ZBTB7C
79135	ENSG00000184831	216.490802	-0.30114764	0.16818093	0.04621633	0.14012153	APOO
51334	ENSG00000184838	67.0792203	0.88139015	0.31332204	0.00061292	0.00385495	PRR16
54732	ENSG00000184840	1406.06908	0.20683921	0.07510985	0.00493031	0.022978	TMED9
NA	ENSG00000184844	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CYCSP45
1812	ENSG00000184845	0	NA	NA	NA	NA	DRD1
54143	ENSG00000184856	0	NA	NA	NA	NA	LINC00308
25880	ENSG00000184857	253.992065	-0.05784206	0.14534685	0.66621492	0.83537685	TMEM186
93517	ENSG00000184860	0	NA	NA	NA	NA	SDR42E1
155435	ENSG00000184863	2513.35098	0.15305236	0.08137978	0.05414731	0.15819211	RBM33

9823	ENSG00000184867	904.648283	-0.07560555	0.09129383	0.3932147	0.62221883	ARMCX2
90135	ENSG00000184887	275.770945	-0.21769351	0.14471213	0.10314917	0.2551347	BTBD6
6736	ENSG00000184895	0	NA	NA	NA	NA	SRY
8971	ENSG00000184897	4930.70881	-0.1047148	0.07285366	0.14278817	0.32170307	H1-10
375287	ENSG00000184898	139.202552	0.3184646	0.20222714	0.06689689	0.18544027	RBM43
6612	ENSG00000184900	2200.18901	-0.23166151	0.06536452	0.00031914	0.00216466	SUMO3
83943	ENSG00000184903	204.137626	0.11853357	0.15996643	0.41580153	0.64263476	IMMP2L
140597	ENSG00000184905	139.444792	-0.57265496	0.21446543	0.00211169	0.01121109	TCEAL2
101929583	ENSG00000184906	0	NA	NA	NA	NA	
1188	ENSG00000184908	6.27169319	0.31189137	0.56086025	0.02677068	0.09185925	CLCNKB
63947	ENSG00000184911	1.19666822	-0.0414823	0.38309698	0.50942755	NA	DMRTC1B
728656	ENSG00000184911	1.19666822	-0.0414823	0.38309698	0.50942755	NA	DMRTC1B
3714	ENSG00000184916	369.699271	-1.95640496	0.20705043	1.68E-22	7.10E-21	JAG2
752	ENSG00000184922	201.528357	-0.03473515	0.18393474	0.82819151	0.92220943	FMNL1
728118	ENSG00000184923	102.21806	0.11791756	0.21076928	0.50568463	0.72177288	NUTM2A
391356	ENSG00000184924	577.992404	0.05873617	0.10678113	0.56756801	0.76899226	PTRHD1
286256	ENSG00000184925	9.03797507	-0.04281605	0.34828584	0.77603845	0.89702883	LCN12
8590	ENSG00000184933	0	NA	NA	NA	NA	OR6A2
7490	ENSG00000184937	4.47748108	5.26076808	2.7375239	0.00035063	0.00235573	WT1
146198	ENSG00000184939	1225.69728	0.04108719	0.09964754	0.67017712	0.83758072	ZFP90
375318	ENSG00000184945	0	NA	NA	NA	NA	AQP12A
646851	ENSG00000184949	171.545492	0.39170876	0.2907501	0.07024338	0.19201277	FAM227A
390327	ENSG00000184954	0	NA	NA	NA	NA	OR6C70
4588	ENSG00000184956	6.20369479	0.02150508	0.35757858	0.87488755	0.94487915	MUC6
NA	ENSG00000184961	0	NA	NA	NA	NA	RPL7AP49
79050	ENSG00000184967	438.346426	0.06538223	0.11751679	0.5596695	0.76413192	NOC4L
11274	ENSG00000184979	131.748891	1.56709155	0.2213309	1.18E-13	2.88E-12	USP18
4700	ENSG00000184983	366.601492	-0.10595847	0.12732997	0.3766837	0.60567343	NDUFA6
1133	ENSG00000184984	3.56860837	-0.05907882	0.37590939	0.56685215	0.76856055	CHRM5
57537	ENSG00000184985	49.0363914	0.19684127	0.30695787	0.33484171	0.56474327	SORCS2
80757	ENSG00000184986	128.260741	-0.39246328	0.22507756	0.03663248	0.11754623	TMEM121
113277	ENSG00000184988	0.4953803	0.01133127	0.38338033	0.78358522	NA	TMEM106A
10572	ENSG00000184990	910.699564	0.11408733	0.09632978	0.22147438	0.43427846	SIVA1
83868	ENSG00000184991	0	NA	NA	NA	NA	TTY13
140707	ENSG00000184992	1028.68559	-0.34311365	0.12151052	0.00280779	0.01432239	BRI3BP
338376	ENSG00000184995	0	NA	NA	NA	NA	IFNE
387775	ENSG00000184999	0.173733	0.01914545	0.38484597	0.78225479	NA	SLC22A10
8694	ENSG00000185000	895.206931	-0.28297689	0.10143078	0.00370695	0.01811477	DGAT1

222546	ENSG00000185002	0.173733	0.01914545	0.38484597	0.78225479	NA	RFX6
6092	ENSG00000185008	30.0403479	0.74160356	0.59086171	0.01859725	0.06863521	ROBO2
26985	ENSG00000185009	1513.96524	-0.15200119	0.07040225	0.02786626	0.09465274	AP3M1
2157	ENSG00000185010	34.3821576	0.07396313	0.29602682	0.70225447	0.85686744	F8
93034	ENSG00000185013	1.8047487	-0.07260544	0.38611241	0.36056885	NA	NT5C1B
377677	ENSG00000185015	14.0202798	1.05851162	2.42316457	0.00695732	0.03081786	CA13
22888	ENSG00000185019	233.05984	0.14992659	0.15018132	0.27806809	0.50258055	UBOX5
23764	ENSG00000185022	97.1099057	0.3789454	0.23712148	0.05089665	0.15109824	MAFF
2972	ENSG00000185024	1386.40714	-0.24066869	0.10187997	0.01390632	0.05425789	BRF1
389257	ENSG00000185028	2.13839055	0.03444476	0.37885719	0.66170889	NA	LRRC14B
NA	ENSG00000185031	2.2609842	-0.05448502	0.38086488	0.51586056	NA	SLC2A3P2
10509	ENSG00000185033	618.530548	0.0739042	0.14308055	0.57801162	0.77614203	SEMA4B
NA	ENSG00000185037	0.173124	-0.01911262	0.38486262	0.84537521	NA	ZNF733P
339766	ENSG00000185038	0.16735865	0.01897177	0.38482933	0.78225479	NA	MROH2A
285955	ENSG00000185040	15.0107804	-0.01823109	0.3247951	0.91512655	0.96403708	SPDYE16
102723555	ENSG00000185040	15.0107804	-0.01823109	0.3247951	0.91512655	0.96403708	SPDYE16
10519	ENSG00000185043	195.144565	0.31871033	0.16828296	0.03530394	0.11407657	CIB1
56899	ENSG00000185046	28.3534607	0.36987607	0.40413685	0.11133985	0.26955249	ANKS1B
7469	ENSG00000185049	944.551671	0.05666827	0.08472572	0.49331041	0.71236493	NELFA
57419	ENSG00000185052	0	NA	NA	NA	NA	SLC24A3
137868	ENSG00000185053	0	NA	NA	NA	NA	SGCZ
100130771	ENSG00000185055	8.82384784	-0.45334981	0.67796909	0.0428333	0.13230775	EFCAB10
133491	ENSG00000185056	0	NA	NA	NA	NA	C5orf47
NA	ENSG00000185065	35.3591223	0.12375	0.296775	0.53074928	0.74249512	
51350	ENSG00000185069	0	NA	NA	NA	NA	KRT76
23768	ENSG00000185070	0	NA	NA	NA	NA	FLRT2
NA	ENSG00000185074	0	NA	NA	NA	NA	OR7E31P
NA	ENSG00000185078	0	NA	NA	NA	NA	RPL9P14
80789	ENSG00000185085	623.451788	-0.18722274	0.11662676	0.09105094	0.23282002	INTS5
51065	ENSG00000185088	616.523669	0.44354429	0.11835959	8.15E-05	0.00063367	RPS27L
149175	ENSG00000185090	1697.94856	-1.19743996	0.08235274	7.23E-49	6.83E-47	MANEAL
122622	ENSG00000185100	138.586873	0.25221541	0.20469678	0.14824623	0.33050962	ADSS1
338440	ENSG00000185101	4.41560161	0.0886088	0.3809813	0.4232507	0.64919165	ANO9
11124	ENSG00000185104	913.2714	-0.14497566	0.09559243	0.11667257	0.27939454	FAF1
255275	ENSG00000185105	29.0944599	-0.0299087	0.28846102	0.87461175	0.94480547	MYADML2
131583	ENSG00000185112	88.9090385	-0.30781696	0.24851212	0.11818705	0.28210313	FAM43A
56160	ENSG00000185115	396.485912	0.23832863	0.13201506	0.05392799	0.15767405	NSMCE3
3297	ENSG00000185122	1655.78715	0.05752903	0.09098754	0.51579914	0.73002247	HSF1

387263	ENSG00000185127	631.288799	0.0485589	0.09672487	0.60466941	0.79479535	C6orf120
5813	ENSG00000185129	689.702996	-0.03780296	0.10242223	0.70090701	0.85575596	PURA
8340	ENSG00000185130	1.9458894	-0.04901211	0.38348595	0.47203446	NA	H2BC13
27124	ENSG00000185133	232.888103	-0.12140456	0.16036319	0.40338658	0.63146519	INPP5J
4887	ENSG00000185149	77.8650269	-0.17083771	0.23180228	0.35959066	0.58949503	NPY2R
83881	ENSG00000185155	7.92556308	0.08300061	0.36188303	0.56981108	0.77039833	MIXL1
162387	ENSG00000185156	0	NA	NA	NA	NA	MFSD6L
114659	ENSG00000185158	205.097826	0.26416575	0.15608885	0.06358884	0.17907774	LRRC37B
317781	ENSG00000185163	716.784358	0.28343333	0.12886514	0.01914596	0.07031764	DDX51
283820	ENSG00000185164	2212.21279	0.14012881	0.09734033	0.13646875	0.31153759	NOMO2
102723728	ENSG00000185164	2212.21279	0.14012881	0.09734033	0.13646875	0.31153759	NOMO2
NA	ENSG00000185168	27.7763353	-0.56611258	0.50712392	0.03870961	0.12240974	LINC00482
653437	ENSG00000185176	0.93243087	0.01447017	0.38162763	0.80425453	NA	AQP12B
90827	ENSG00000185177	0	NA	NA	NA	NA	ZNF479
390535	ENSG00000185182	0	NA	NA	NA	NA	GOLGA8EP
NA	ENSG00000185186	1.01749276	0.05370793	0.38930842	0.22860634	NA	LINC00313
59307	ENSG00000185187	201.910913	0.21012647	0.17069256	0.16911228	0.36046278	SIGIRR
340371	ENSG00000185189	676.315182	0.75365252	0.09921816	6.50E-15	1.76E-13	NRBP2
400668	ENSG00000185198	0.34624801	-0.02356563	0.38536324	0.65270996	NA	PRSS57
10581	ENSG00000185201	19.2602839	3.25960097	0.78872339	2.35E-06	2.50E-05	IFITM2
NA	ENSG00000185203	3.23861798	-0.19903463	0.45031535	0.05556704	0.16150749	WASIR1
7127	ENSG00000185215	204.677464	-0.70698487	0.19917833	7.78E-05	0.00060901	TNFAIP2
353274	ENSG00000185219	1782.53829	-0.15300191	0.07007534	0.02616576	0.09025186	ZNF445
267002	ENSG00000185220	144.768293	-0.1134581	0.17906541	0.47308923	0.69516297	PGBD2
NA	ENSG00000185221	0	NA	NA	NA	NA	GAPDHP24
51186	ENSG00000185222	580.699443	0.26878532	0.10395266	0.00708838	0.03125883	TCEAL9
4158	ENSG00000185231	0	NA	NA	NA	NA	MC2R
9230	ENSG00000185236	2209.70032	0.2045623	0.06920239	0.00262758	0.01354055	RAB11B
10196	ENSG00000185238	967.415107	0.27789995	0.09287298	0.00199676	0.01068674	PRMT3
2811	ENSG00000185245	25.8790055	0.70348269	0.51261263	0.02010104	0.07320204	GP1BA
55015	ENSG00000185246	504.603999	0.12204746	0.10872516	0.24159476	0.45960686	PRPF39
4110	ENSG00000185247	0	NA	NA	NA	NA	MAGEA11
285755	ENSG00000185250	44.8994184	0.61224032	0.51217843	0.03102152	0.10295552	PPIL6
7625	ENSG00000185252	1291.26407	0.20695773	0.07935645	0.00761329	0.0331284	ZNF74
285600	ENSG00000185261	39.0825019	0.11192371	0.28243894	0.56933536	0.77008546	KIAA0825
283991	ENSG00000185262	761.654459	-0.050364	0.12985985	0.67990176	0.84376374	UBALD2
339669	ENSG00000185264	0	NA	NA	NA	NA	TEX33
441549	ENSG00000185267	19.3801977	0.44963905	0.52607776	0.06632367	0.18429434	CDNF

147111	ENSG00000185269	45.056738	-1.60278273	0.43751182	1.57E-05	0.00014401	NOTUM
123103	ENSG00000185271	0.33471731	0.02354391	0.38534154	0.62842204	NA	KLHL33
54033	ENSG00000185272	0.173733	0.01914545	0.38484597	0.78225479	NA	RBM11
64409	ENSG00000185274	0	NA	NA	NA	NA	GALNT17
NA	ENSG00000185275	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CD24P4
84614	ENSG00000185278	1375.8642	0.01393217	0.08061881	0.8597029	0.93751308	ZBTB37
389493	ENSG00000185290	0	NA	NA	NA	NA	NUPR2
3563	ENSG00000185291	1.48550844	-0.00791088	0.37724569	0.91578172	NA	IL3RA
162540	ENSG00000185294	1.07548859	-0.07448626	0.39363112	0.16128604	NA	SPPL2C
NA	ENSG00000185296	0	NA	NA	NA	NA	
339230	ENSG00000185298	1543.84495	-0.00825895	0.08005925	0.91519207	0.96403708	CCDC137
729238	ENSG00000185303	0.3439991	0.02364859	0.3853568	0.62257909	NA	SFTPA2
729857	ENSG00000185304	461.89828	-0.09875814	0.1156569	0.36970316	0.59909782	RGPD2
54622	ENSG00000185305	232.359316	-0.64069508	0.25691375	0.00265737	0.01366216	ARL15
115749	ENSG00000185306	0.18922458	0.01954053	0.38488496	0.78225479	NA	C12orf56
6336	ENSG00000185313	0	NA	NA	NA	NA	SCN10A
NA	ENSG00000185319	0	NA	NA	NA	NA	SSXP4
8558	ENSG00000185324	1237.17356	0.22620331	0.08081859	0.00414001	0.01985924	CDK10
284186	ENSG00000185332	16.0889605	0.23404292	0.38543589	0.23254684	0.44940365	TMEM105
8651	ENSG00000185338	15.2603331	-0.2703479	0.41104986	0.18017587	0.37700128	SOCS1
6948	ENSG00000185339	53.668979	0.03327561	0.25146986	0.8627382	0.93907741	TCN2
10634	ENSG00000185340	373.005909	-0.05813141	0.13959516	0.65367331	0.82751905	GAS2L1
23545	ENSG00000185344	1073.90479	0.05816664	0.0815853	0.46551373	0.68821106	ATP6V0A2
5071	ENSG00000185345	69.0674787	1.33023739	0.32731087	3.62E-06	3.73E-05	PRKN
283643	ENSG00000185347	416.95994	-0.22116822	0.13698898	0.08262542	0.21646485	TEDC1
266722	ENSG00000185352	753.227377	-3.94756715	0.15531304	6.46E-144	4.27E-141	HS6ST3
9146	ENSG00000185359	3560.73636	0.14750039	0.08885154	0.08778973	0.22632101	HGS
126282	ENSG00000185361	361.905952	-0.15148367	0.13740984	0.23631832	0.45308809	TNFAIP8L1
26693	ENSG00000185372	0	NA	NA	NA	NA	OR2V1
5892	ENSG00000185379	381.917745	-0.12228523	0.11958314	0.27937914	0.50389837	RAD51D
26333	ENSG00000185385	0	NA	NA	NA	NA	OR7A17
5600	ENSG00000185386	857.754062	-0.61830185	0.09856352	1.00E-10	1.93E-09	MAPK11
NA	ENSG00000185390	0	NA	NA	NA	NA	FGF7P2
93349	ENSG00000185404	25.8341823	-1.17160837	0.58468298	0.0027716	0.014165	SP140L
51263	ENSG00000185414	1168.98739	-0.41231041	0.12017968	0.00029548	0.00201868	MRPL30
123283	ENSG00000185418	326.689902	-0.24866228	0.12990191	0.04119971	0.12832059	TARS3
64754	ENSG00000185420	470.692478	0.07770377	0.11166693	0.46754116	0.69041597	SMYD3
25840	ENSG00000185432	723.680362	0.93157111	0.13706236	1.54E-12	3.47E-11	METTL7A

54072	ENSG00000185433	0	NA	NA	NA	NA	LINC00158
163702	ENSG00000185436	88.1072329	0.74712452	0.27866723	0.00123293	0.0070718	IFNLR1
6450	ENSG00000185437	44.5511888	-0.06176245	0.28598861	0.74714129	0.88120985	SH3BGR
400451	ENSG00000185442	173.434523	-0.92745788	0.20462703	7.97E-07	9.18E-06	FAM174B
158724	ENSG00000185448	0	NA	NA	NA	NA	FAM47A
374920	ENSG00000185453	379.203549	-0.08046664	0.12505531	0.49526227	0.7139953	ZSWIM9
402569	ENSG00000185467	0.16735865	0.01897177	0.38482933	0.78225479	NA	KPNA7
374395	ENSG00000185475	339.377018	-0.10683342	0.13380536	0.39345873	0.62246703	TMEM179B
285513	ENSG00000185477	94.9159404	0.43358507	0.25040053	0.03207913	0.10577528	GPRIN3
3854	ENSG00000185479	0	NA	NA	NA	NA	KRT6B
55010	ENSG00000185480	397.453293	-0.64337275	0.12685517	1.04E-07	1.37E-06	PARPBP
246329	ENSG00000185482	22.2697336	-0.03625128	0.31367854	0.84080274	0.92773074	STAC3
4919	ENSG00000185483	584.85229	0.18392195	0.11371839	0.08994833	0.23053894	ROR1
255812	ENSG00000185485	490.71557	0.49844325	0.12405527	2.28E-05	0.00020244	SDHAP1
NA	ENSG00000185495	108.255408	0.18233424	0.21205418	0.30575712	0.53334106	SEPTIN7P13
4582	ENSG00000185499	45.5174046	0.31465804	0.3326658	0.15303964	0.33781781	MUC1
80233	ENSG00000185504	1707.22483	-0.01032643	0.08158405	0.89603919	0.95469109	FAAP100
3665	ENSG00000185507	182.703771	0.69130178	0.18450121	3.99E-05	0.00033586	IRF7
26013	ENSG00000185513	629.26258	0.55798514	0.12004943	1.11E-06	1.25E-05	L3MBTL1
79184	ENSG00000185515	368.789041	-0.26701004	0.12852584	0.02687703	0.09216043	BRCC3
9899	ENSG00000185518	0.34746601	0.02370763	0.3853651	0.61987128	NA	SV2B
348487	ENSG00000185519	97.8016112	-0.2105663	0.21403158	0.23872307	0.45646355	FAM131C
256329	ENSG00000185522	16.8491188	0.3570003	0.49579901	0.09470757	0.23933234	LMNTD2
149643	ENSG00000185523	1.15092985	0.01828074	0.37930053	0.78918978	NA	SPATA45
5148	ENSG00000185527	0.32599697	-0.02328245	0.38532298	0.66758559	NA	PDE6G
5592	ENSG00000185532	242.686794	0.90483884	0.16820077	1.15E-08	1.73E-07	PRKG1
7026	ENSG00000185551	1.71977115	0.111473	0.40324436	0.10891299	NA	NR2F2
8788	ENSG00000185559	45139.4219	0.66226724	0.06303163	2.17E-26	1.08E-24	DLK1
727910	ENSG00000185561	38.7211128	0.98294353	0.4044011	0.00149304	0.00834464	TLCD2
4045	ENSG00000185565	1440.59178	-0.24312569	0.07624453	0.00111183	0.00647645	LSAMP
113146	ENSG00000185567	156.064936	-0.070087	0.22672747	0.69977522	0.8552838	AHNAK2
169611	ENSG00000185585	15.3884041	-0.13295626	0.34771076	0.45844823	0.68183005	OLFML2A
6667	ENSG00000185591	2287.17592	0.16732269	0.06663817	0.01074259	0.04395401	SP1
145946	ENSG00000185594	0	NA	NA	NA	NA	SPATA8
NA	ENSG00000185596	871.111462	0.18125506	0.10146042	0.06361126	0.1791022	WASH3P
NA	ENSG00000185607	0.64878957	0.00236416	0.38248516	0.95453482	NA	ACTBP7
64976	ENSG00000185608	287.221412	-0.13783699	0.1481351	0.31184465	0.53954807	MRPL40
440097	ENSG00000185610	0.173124	-0.01911262	0.38486262	0.84537521	NA	DBX2

389119	ENSG00000185614	125.499162	-1.0083741	0.25925724	1.17E-05	0.00010998	INKA1
64714	ENSG00000185615	123.28823	0.6697616	0.21450327	0.00040014	0.00264888	PDIA2
10336	ENSG00000185619	2453.42921	0.21913483	0.06728571	0.00092631	0.00554888	PCGF3
89782	ENSG00000185621	154.606895	0.36428463	0.22478358	0.05158965	0.15258477	LMLN
5034	ENSG00000185624	8348.96359	0.2557326	0.05210657	7.35E-07	8.52E-06	P4HB
5719	ENSG00000185627	1622.79039	-0.05669513	0.07206695	0.42226283	0.64822768	PSMD13
5087	ENSG00000185630	3761.16543	-1.28067018	0.06430864	2.94E-89	7.30E-87	PBX1
NA	ENSG00000185631	0.35735973	0.02382194	0.38538182	0.61367454	NA	RPL14P6
56901	ENSG00000185633	77.7162175	-0.85730406	0.33922514	0.00145299	0.00815481	NDUFA4L2
399694	ENSG00000185634	26.4233697	-0.18544297	0.34637157	0.33744401	0.56779656	SHC4
NA	ENSG00000185638	0	NA	NA	NA	NA	FTH1P14
338785	ENSG00000185640	0	NA	NA	NA	NA	KRT79
NA	ENSG00000185641	0.32562574	0.00212452	0.38337695	0.95997109	NA	
677	ENSG00000185650	111.995097	0.75423422	0.28896552	0.0014693	0.00823474	ZFP36L1
7332	ENSG00000185651	1691.02245	-0.10393678	0.07510743	0.15778462	0.34480085	UBE2L3
4908	ENSG00000185652	0.35668631	0.0238171	0.38538106	0.6140144	NA	NTF3
54014	ENSG00000185658	2247.9003	-0.00443643	0.06571874	0.94476495	0.97752994	BRWD1
644994	ENSG00000185662	0	NA	NA	NA	NA	SMIM23
6490	ENSG00000185664	78.2085079	0.11881748	0.24022526	0.52823142	0.73996408	PMEL
8224	ENSG00000185666	331.873266	-3.03717077	0.54324275	8.77E-10	1.52E-08	SYN3
5453	ENSG00000185668	0	NA	NA	NA	NA	POU3F1
333929	ENSG00000185669	6.07182568	-0.01397691	0.35497095	0.91743558	0.96505604	SNAI3
79842	ENSG00000185670	65.5639782	-0.19738216	0.27198014	0.32238474	0.54994458	ZBTB3
254773	ENSG00000185674	1.28826906	-0.01473589	0.37948775	0.82255434	NA	LYG2
254956	ENSG00000185681	0.34746601	0.02370763	0.3853651	0.61987128	NA	MORN5
NA	ENSG00000185684	569.634842	0.4265808	0.10710733	3.30E-05	0.00028159	EP400P1
23532	ENSG00000185686	8506.16818	0.11744979	0.04986492	0.01761077	0.06573804	PRAME
404220	ENSG00000185689	6.10922617	0.03511164	0.36278597	0.78281653	0.90108377	C6orf201
4603	ENSG00000185697	298.926067	-0.26208415	0.13879786	0.0420897	0.13066181	MYBL1
100101118	ENSG00000185700	0	NA	NA	NA	NA	TTY8B
NA	ENSG00000185701	0	NA	NA	NA	NA	OR5M5P
NA	ENSG00000185710	22.3622181	-0.07603636	0.39271078	0.18313695	0.38130308	SMG1P4
730094	ENSG00000185716	521.370773	0.11717983	0.11101362	0.27011913	0.49334102	MOSMO
4733	ENSG00000185721	776.957261	-0.16828718	0.10770262	0.10264647	0.25430894	DRG1
51479	ENSG00000185722	2123.56841	-0.05237096	0.07090143	0.45173293	0.67497976	ANKFY1
253943	ENSG00000185728	1383.2439	0.03709009	0.12149723	0.74847497	0.88197086	YTHDF3
79943	ENSG00000185730	670.99254	-0.00759061	0.11084328	0.94178659	0.97592427	ZNF696
105	ENSG00000185736	334.035633	-0.27687621	0.16241876	0.05884197	0.16858119	ADARB2

10718	ENSG00000185737	46.2201847	-1.65466579	0.38863882	1.38E-06	1.54E-05	NRG3
6345	ENSG00000185739	0	NA	NA	NA	NA	SRL
399947	ENSG00000185742	1.57252297	-0.03734208	0.37994987	0.61925401	NA	C11orf87
3434	ENSG00000185745	20.9111975	0.3004639	0.39191926	0.16736212	0.35828164	IFIT1
159013	ENSG00000185753	321.319957	0.27452931	0.1317393	0.02611391	0.09010434	CXorf38
100132463	ENSG00000185758	0	NA	NA	NA	NA	CLDN24
56479	ENSG00000185760	270.118701	-0.25332059	0.14778728	0.06251074	0.17671887	KCNQ5
339366	ENSG00000185761	2.26042715	0.10704501	0.40457972	0.04544843	NA	ADAMTSL5
80333	ENSG00000185774	1.07582017	-0.01671425	0.38215846	0.74013154	NA	KCNIP4
389730	ENSG00000185775	0	NA	NA	NA	NA	SPATA31A6
10933	ENSG00000185787	4848.24447	0.02605187	0.06416789	0.68113237	0.84419446	MORF4L1
338321	ENSG00000185792	0	NA	NA	NA	NA	NLRP9
348793	ENSG00000185798	137.698483	0.00941946	0.17823979	0.95365795	0.98083958	WDR53
1762	ENSG00000185800	1532.50529	0.41764324	0.0790693	6.53E-08	8.82E-07	DMWD
79581	ENSG00000185803	1089.18458	0.00540826	0.08519706	0.94935677	0.97912847	SLC52A2
51227	ENSG00000185808	203.41391	-0.23847258	0.16204905	0.10333321	0.25540436	PIGP
10320	ENSG00000185811	63.3613344	5.04785615	0.58814524	5.64E-20	2.10E-18	IKZF1
5833	ENSG00000185813	857.406329	-0.2771544	0.11729287	0.01274467	0.05062147	PCYT2
339983	ENSG00000185818	1222.77007	0.03064353	0.07655118	0.67582731	0.84136185	NAT8L
390326	ENSG00000185821	0	NA	NA	NA	NA	OR6C76
23742	ENSG00000185823	0	NA	NA	NA	NA	NPAP1
10134	ENSG00000185825	1768.38083	-0.27687057	0.07951374	0.00036089	0.00241568	BCAP31
51326	ENSG00000185829	539.381177	0.07345063	0.15669337	0.60811825	0.79695264	ARL17A
NA	ENSG00000185834	0.31679374	0.0011946	0.38336714	0.96640738	NA	RPL12P4
100130717	ENSG00000185837	4.06052668	-0.0476876	0.37045582	0.67053186	0.83767652	HDHD5-AS1
54584	ENSG00000185838	254.004554	0.10032977	0.14186299	0.447107	0.67106427	GNB1L
NA	ENSG00000185839	0.16735865	0.01897177	0.38482933	0.78225479	NA	
127602	ENSG00000185842	481.556644	-0.10186286	0.12698556	0.3942052	0.62343812	DNAH14
100131138	ENSG00000185847	7.45233305	-0.15201105	0.40770027	0.19411963	0.39704468	LINC01405
339512	ENSG00000185860	0.56660955	0.00913976	0.38298795	0.79124371	NA	CCDC190
2124	ENSG00000185862	3.39793369	0.03084916	0.3705591	0.77176037	0.89531784	EVI2B
100505993	ENSG00000185863	0	NA	NA	NA	NA	TMEM210
440345	ENSG00000185864	382.69427	0.51807465	0.16234505	0.00049411	0.00319318	NPIP4
374899	ENSG00000185869	247.187148	-0.20527929	0.16054724	0.15801763	0.34501645	ZNF829
132724	ENSG00000185873	0	NA	NA	NA	NA	TMPRSS11B
79896	ENSG00000185875	172.472517	-0.23199826	0.21441956	0.19556581	0.39920852	THNSL1
140691	ENSG00000185880	582.671416	0.18134397	0.13658454	0.15510052	0.34073683	TRIM69
527	ENSG00000185883	2350.54646	-0.03449433	0.07250177	0.62696737	0.81067573	ATP6V0C

8519	ENSG00000185885	0.16735865	0.01897177	0.38482933	0.78225479	NA	IFITM1
339501	ENSG00000185888	0	NA	NA	NA	NA	PRSS38
3916	ENSG00000185896	1892.06774	-0.07873883	0.07936756	0.30999423	0.53774299	LAMP1
2865	ENSG00000185897	0	NA	NA	NA	NA	FFAR3
338398	ENSG00000185899	0	NA	NA	NA	NA	TAS2R60
84197	ENSG00000185900	1295.98698	-0.66684134	0.08845659	1.22E-14	3.23E-13	POMK
NA	ENSG00000185903	2.04435331	-0.0198972	0.37775949	0.79329593	NA	OR11N1P
84856	ENSG00000185904	935.919208	0.03126826	0.09288307	0.72938064	0.87058789	LINC00839
283897	ENSG00000185905	0	NA	NA	NA	NA	C16orf54
200942	ENSG00000185909	856.03825	-0.52712379	0.09967635	4.52E-08	6.24E-07	KLHDC8B
257240	ENSG00000185915	4.72386909	-0.10021948	0.38431256	0.38102639	0.61008503	KLHL34
54093	ENSG00000185917	509.978352	0.24007178	0.14365296	0.0707868	0.19309914	SETD4
5727	ENSG00000185920	944.880237	0.09221033	0.11171363	0.38690034	0.61601017	PTCH1
146760	ENSG00000185924	2.29083902	-0.07191458	0.38227526	0.44397118	NA	RTN4RL1
119749	ENSG00000185926	0	NA	NA	NA	NA	OR4C46
255022	ENSG00000185933	1.02846556	0.02192143	0.38179602	0.69190042	NA	CALHM1
439915	ENSG00000185940	2.17244002	0.07612488	0.38508202	0.39421107	NA	KRTAP5-5
286183	ENSG00000185942	2.71208092	0.07089374	0.37875443	0.49693892	0.71500229	NKAIN3
55599	ENSG00000185946	352.739121	0.10053934	0.13302721	0.42074557	0.64669911	RNPC3
10308	ENSG00000185947	110.183576	-0.33929369	0.21225553	0.0589304	0.16878577	ZNF267
8660	ENSG00000185950	5522.17919	0.62243625	0.05171891	7.68E-34	4.96E-32	IRS2
402573	ENSG00000185955	3.82930458	0.02707166	0.36674564	0.81483542	0.91598064	C7orf61
121006	ENSG00000185958	3.70062887	0.13742642	0.41161885	0.10473015	0.25786128	FAM186A
6473	ENSG00000185960	0	NA	NA	NA	NA	SHOX
353142	ENSG00000185962	0	NA	NA	NA	NA	LCE3A
23299	ENSG00000185963	1568.31614	-0.19004896	0.08258294	0.01821621	0.06741028	BICD2
353145	ENSG00000185966	0	NA	NA	NA	NA	LCE3E
881	ENSG00000185972	1.57535977	-0.03615585	0.38067973	0.61058017	NA	CCIN
55217	ENSG00000185973	416.073259	-0.04712913	0.13053858	0.7001969	0.85541355	TMLHE
6011	ENSG00000185974	13.383329	0.04566492	0.34338433	0.77491423	0.89613481	GRK1
245939	ENSG00000185982	0	NA	NA	NA	NA	DEFB128
84631	ENSG00000185985	0	NA	NA	NA	NA	SLITRK2
NA	ENSG00000185986	385.533452	0.00944983	0.12388598	0.93692737	0.97351594	SDHAP3
126520	ENSG00000185988	1.38696581	0.01023845	0.37995175	0.87077323	NA	PLK5
22821	ENSG00000185989	322.252002	-0.47557968	0.13886768	0.00025003	0.00173934	RASA3
84859	ENSG00000186001	1156.04773	-0.20872588	0.0934138	0.02084784	0.07534082	LRCH3
93273	ENSG00000186007	0	NA	NA	NA	NA	LEMD1
NA	ENSG00000186008	0	NA	NA	NA	NA	RPS4XP21

496	ENSG00000186009	0.76972557	-0.04329735	0.38756885	0.340737	NA	ATP4B
51079	ENSG00000186010	3171.16699	0.10798286	0.05976691	0.06743878	0.18646699	NDUFA13
84924	ENSG00000186017	340.084723	-0.03894389	0.16588238	0.79323581	0.9054599	ZNF566
NA	ENSG00000186019	171.435653	-0.57667197	0.21785639	0.00221925	0.0117101	
57711	ENSG00000186020	625.918443	-0.04285665	0.12411015	0.71420526	0.8622791	ZNF529
342909	ENSG00000186026	268.56155	-0.06325553	0.15703361	0.65803877	0.83031782	ZNF284
285242	ENSG00000186038	0	NA	NA	NA	NA	HTR3E
220107	ENSG00000186047	0.4988949	-0.01359831	0.38305388	0.7848689	NA	DLEU7
103689915	ENSG00000186047	0.4988949	-0.01359831	0.38305388	0.7848689	NA	DLEU7
319101	ENSG00000186049	0	NA	NA	NA	NA	KRT73
6887	ENSG00000186051	8.20094784	0.12843713	0.37258243	0.40774839	0.63603571	TAL2
100129196	ENSG00000186056	16.1270499	0.01829203	0.3410132	0.90967605	0.96107209	MATN1-AS1
64853	ENSG00000186063	1313.68191	0.20698429	0.0797577	0.00790789	0.03418139	AIDA
84529	ENSG00000186073	281.778307	-0.77888613	0.1783695	2.28E-06	2.43E-05	CDIN1
146722	ENSG00000186074	0	NA	NA	NA	NA	CD300LF
124626	ENSG00000186075	0	NA	NA	NA	NA	ZBPB2
NA	ENSG00000186076	1.19952539	-0.06487716	0.39166475	0.17292621	NA	
3852	ENSG00000186081	0	NA	NA	NA	NA	KRT5
NA	ENSG00000186082	0.16735865	0.01897177	0.38482933	0.78225479	NA	KRT18P14
653149	ENSG00000186086	242.028032	0.56306741	0.16102687	0.00014703	0.00107641	NBPF6
54103	ENSG00000186088	261.537611	0.36609569	0.15611328	0.01037035	0.04264242	GSAP
200909	ENSG00000186090	0	NA	NA	NA	NA	HTR3D
79501	ENSG00000186092	0	NA	NA	NA	NA	OR4F5
84871	ENSG00000186094	13.353661	0.21667355	0.39691314	0.23443629	0.45139906	AGBL4
503582	ENSG00000186103	0.33471731	0.02354391	0.38534154	0.62842204	NA	ARGFX
120227	ENSG00000186104	289.993507	-0.08508086	0.1577542	0.55290138	0.75919187	CYP2R1
100130733	ENSG00000186105	2.80995163	0.12639883	0.40287689	0.18766131	0.38799505	LRRC70
157567	ENSG00000186106	429.407846	-0.53296853	0.13376014	2.36E-05	0.00020827	ANKRD46
23396	ENSG00000186111	1111.47298	-0.11355452	0.09953298	0.23650263	0.45331004	PIP5K1C
219436	ENSG00000186113	0	NA	NA	NA	NA	OR5D14
8529	ENSG00000186115	0	NA	NA	NA	NA	CYP4F2
374973	ENSG00000186118	2.45093186	0.08100945	0.38370706	0.41039592	NA	TEX38
219438	ENSG00000186119	0	NA	NA	NA	NA	OR5D18
NA	ENSG00000186124	0	NA	NA	NA	NA	OR9M1P
10773	ENSG00000186130	499.671686	-0.39618009	0.12137121	0.00056645	0.00359974	ZBTB6
130355	ENSG00000186132	81.1117838	-0.09013648	0.22149189	0.61813643	0.80452675	C2orf76
353164	ENSG00000186136	1.01332516	0.02939345	0.38193292	0.62120384	NA	TAS2R42
10623	ENSG00000186141	986.397048	-0.05088745	0.08218017	0.52686749	0.73878671	POLR3C

339779	ENSG00000186143	0	NA	NA	NA	NA	PRR30
644414	ENSG00000186146	0	NA	NA	NA	NA	DEFB131A
NA	ENSG00000186148	0	NA	NA	NA	NA	
164153	ENSG00000186150	1.52613919	-0.05270386	0.38448056	0.42811681	NA	UBL4B
NA	ENSG00000186152	0	NA	NA	NA	NA	LILRP1
51741	ENSG00000186153	359.154759	-0.06354111	0.16215182	0.66410598	0.83431586	WVOX
199974	ENSG00000186160	0	NA	NA	NA	NA	CYP4Z1
NA	ENSG00000186162	123.02061	-0.07526247	0.19441394	0.65268631	0.82653324	CIDCEP1
207147	ENSG00000186163	0	NA	NA	NA	NA	
338657	ENSG00000186166	272.580467	0.17521546	0.15441166	0.21471491	0.42507156	CENATAC
283149	ENSG00000186174	680.295408	-0.00216107	0.1375363	0.9852641	0.99475332	BCL9L
51082	ENSG00000186184	1257.01395	-0.16825996	0.07517939	0.02228614	0.07942465	POLR1D
146909	ENSG00000186185	1810.8973	0.04814703	0.07129496	0.49239608	0.71141409	KIF18B
84937	ENSG00000186187	1109.56443	0.0904994	0.09858862	0.34241339	0.57256482	ZNRF1
338557	ENSG00000186188	0	NA	NA	NA	NA	FFAR4
359710	ENSG00000186190	0	NA	NA	NA	NA	BPIFB3
149954	ENSG00000186191	0	NA	NA	NA	NA	BPIFB4
89958	ENSG00000186193	2235.40542	-0.68711936	0.06997755	2.28E-23	1.02E-21	SAPCD2
128178	ENSG00000186197	10.5354018	1.0164805	2.12504542	0.01158151	0.04681489	EDARADD
123264	ENSG00000186198	0.47437202	-0.00764478	0.3832367	0.86108696	NA	SLC51B
66002	ENSG00000186204	0	NA	NA	NA	NA	CYP4F12
64757	ENSG00000186205	702.169735	-0.40220083	0.1302269	0.0010153	0.00598444	MTARC1
254910	ENSG00000186207	0	NA	NA	NA	NA	LCE5A
345079	ENSG00000186212	0.16735865	0.01897177	0.38482933	0.78225479	NA	SOWAHB
55330	ENSG00000186222	368.9723	-0.19082875	0.13017112	0.118003	0.28186606	BLOC1S4
353135	ENSG00000186226	0	NA	NA	NA	NA	LCE1E
388567	ENSG00000186230	296.497594	0.11236864	0.13493489	0.37349154	0.60252627	ZNF749
114792	ENSG00000186231	55.7207741	-0.10238358	0.26767185	0.59706469	0.78909124	KLHL32
NA	ENSG00000186234	0.14931947	-0.01844332	0.38480212	0.84537521	NA	FAM86MP
151174	ENSG00000186235	0.6463683	0.00271477	0.38249497	0.94800508	NA	LINC02610
NA	ENSG00000186244	0	NA	NA	NA	NA	
57496	ENSG00000186260	1240.38901	-0.37539246	0.09478768	4.17E-05	0.00034889	MRTFB
151888	ENSG00000186265	0.67290387	0.0274814	0.38380982	0.57165405	NA	BTLA
NA	ENSG00000186268	0	NA	NA	NA	NA	OR10D4P
7565	ENSG00000186272	138.886739	0.22310319	0.19919116	0.19186887	0.39390298	ZNF17
55693	ENSG00000186280	74.6636524	0.17412792	0.25081604	0.37033461	0.59943356	KDM4D
150763	ENSG00000186281	1.79378296	0.00907106	0.37784869	0.90233359	NA	GPAT2
64222	ENSG00000186283	725.911237	0.2811149	0.1379694	0.02888642	0.09740083	TOR3A

340529	ENSG00000186288	0.173733	0.01914545	0.38484597	0.78225479	NA	PABPC1L2A
2558	ENSG00000186297	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GABRA5
5501	ENSG00000186298	3057.70181	-0.15567963	0.07231445	0.02835591	0.09603639	PPP1CC
148254	ENSG00000186300	271.656777	-0.03877729	0.15238569	0.78057935	0.89965693	ZNF555
NA	ENSG00000186301	34.011486	1.56709731	0.50171753	0.00011093	0.00083399	MST1P2
128360	ENSG00000186306	0	NA	NA	NA	NA	OR10T2
4675	ENSG00000186310	88.370793	-0.81234751	0.26217725	0.00030088	0.00205204	NAP1L3
340591	ENSG00000186312	259.258147	-0.46786385	0.16259125	0.00161444	0.00894457	CA5BP1
153768	ENSG00000186314	162.114506	-0.25093899	0.21162596	0.15846312	0.34567436	PRELID2
23621	ENSG00000186318	2360.025	-0.22074362	0.06884842	0.00109848	0.00640428	BACE1
388531	ENSG00000186326	1.73633161	-0.08056338	0.39348829	0.17401971	NA	RGS9BP
NA	ENSG00000186328	0	NA	NA	NA	NA	
389177	ENSG00000186329	0	NA	NA	NA	NA	TMEM212
285641	ENSG00000186334	0.173733	0.01914545	0.38484597	0.78225479	NA	SLC36A3
153201	ENSG00000186335	0.16735865	0.01897177	0.38482933	0.78225479	NA	SLC36A2
7058	ENSG00000186340	0.66295541	-0.03787121	0.38676331	0.41297456	NA	THBS2
6256	ENSG00000186350	855.616271	-0.56288168	0.09033588	1.56E-10	2.92E-09	RXRA
353322	ENSG00000186352	69.7945178	0.40483608	0.30826158	0.07035063	0.19222647	ANKRD37
200035	ENSG00000186364	80.2931966	-0.0394906	0.22607199	0.8278144	0.92210075	NUDT17
100127206	ENSG00000186367	2.96509162	0.23875254	0.49784971	0.00399119	0.01926649	MINAR2
NA	ENSG00000186369	7.97774504	-0.05531809	0.36642138	0.64995088	0.82529572	LINC00643
7626	ENSG00000186376	328.328804	0.00603817	0.13757564	0.96366272	0.98556979	ZNF75D
260293	ENSG00000186377	0	NA	NA	NA	NA	CYP4X1
353288	ENSG00000186393	0	NA	NA	NA	NA	KRT26
3858	ENSG00000186395	207.16851	-0.39834855	0.18325277	0.01412214	0.05493788	KRT10
101059918	ENSG00000186399	42.4979129	0.22406933	0.3112507	0.28191012	0.50671288	GOLGA8R
342510	ENSG00000186407	0.30001757	-0.0229446	0.38527539	0.68644769	NA	CD300E
728621	ENSG00000186409	70.8113313	-0.17768837	0.26073523	0.36462526	0.59423075	CCDC30
55922	ENSG00000186416	496.72453	-0.19893782	0.10713315	0.05239277	0.15429309	NKRF
342035	ENSG00000186417	0.45209736	-0.02505403	0.38558831	0.57865948	NA	GLDN
2204	ENSG00000186431	0.16735865	0.01897177	0.38482933	0.78225479	NA	FCAR
3840	ENSG00000186432	927.382454	-0.81649126	0.10688491	3.98E-15	1.10E-13	KPNA4
10345	ENSG00000186439	0	NA	NA	NA	NA	TRDN
128366	ENSG00000186440	0	NA	NA	NA	NA	OR6P1
3850	ENSG00000186442	0	NA	NA	NA	NA	KRT3
115560	ENSG00000186446	127.485711	-0.35601334	0.20411786	0.04198394	0.1303743	ZNF501
10168	ENSG00000186448	998.321287	-0.15369137	0.1018217	0.1161924	0.27851362	ZNF197
110354863	ENSG00000186448	998.321287	-0.15369137	0.1018217	0.1161924	0.27851362	ZNF197

353324	ENSG00000186451	5.48314062	0.03604082	0.3607403	0.78501124	0.90214452	SPATA12
283471	ENSG00000186452	0.29863895	-0.02292439	0.3852726	0.68753245	NA	TMPRSS12
653140	ENSG00000186453	13.7261209	0.56998755	0.67311445	0.03768955	0.12006434	FAM228A
400830	ENSG00000186458	0	NA	NA	NA	NA	DEFB132
4674	ENSG00000186462	0	NA	NA	NA	NA	NAP1L2
NA	ENSG00000186466	0	NA	NA	NA	NA	AQP7P1
6228	ENSG00000186468	14272.0525	-0.12893917	0.0554864	0.01868839	0.06891779	RPS23
54331	ENSG00000186469	1077.83888	0.8228366	0.09450778	5.90E-19	2.08E-17	GNG2
11118	ENSG00000186470	564.073303	0.93890128	0.14456618	1.19E-11	2.51E-10	BTN3A2
158798	ENSG00000186471	0	NA	NA	NA	NA	AKAP14
27445	ENSG00000186472	2192.13244	0.63271467	0.06448949	2.45E-23	1.09E-21	PCLO
43849	ENSG00000186474	0	NA	NA	NA	NA	KLK12
401190	ENSG00000186479	0	NA	NA	NA	NA	RGS7BP
3638	ENSG00000186480	1586.78974	-0.20341605	0.12141062	0.07617804	0.20371644	INSIG1
NA	ENSG00000186481	0.46052845	-0.02780411	0.38575284	0.5537291	NA	ANKRD20A5P
23040	ENSG00000186487	1420.70072	-0.83550274	0.09824595	3.22E-18	1.10E-16	MYT1L
153571	ENSG00000186493	0	NA	NA	NA	NA	C5orf38
252884	ENSG00000186496	48.3320433	0.41665335	0.31567158	0.06631822	0.18429434	ZNF396
84065	ENSG00000186501	882.256106	0.16436259	0.09207657	0.06567765	0.18311476	TMEM222
NA	ENSG00000186508	0	NA	NA	NA	NA	OR9I2P
219956	ENSG00000186509	0	NA	NA	NA	NA	OR9Q1
1187	ENSG00000186510	18.2783153	0.07706258	0.33308321	0.66040822	0.83169348	CLCNKA
219957	ENSG00000186513	0	NA	NA	NA	NA	OR9Q2
257106	ENSG00000186517	10.3468901	0.20619582	0.3970425	0.24482071	0.4635216	ARHGAP30
151011	ENSG00000186522	865.345586	0.42759594	0.0906762	1.19E-06	1.34E-05	SEPTIN10
85002	ENSG00000186523	100.017046	0.58503071	0.24347765	0.00422534	0.0202148	FAM86B1
11283	ENSG00000186526	0	NA	NA	NA	NA	CYP4F8
4051	ENSG00000186529	0.77034759	-0.0147326	0.3819582	0.77486312	NA	CYP4F3
114826	ENSG00000186532	596.581273	0.02361112	0.10719465	0.81956068	0.91771554	SMYD4
NA	ENSG00000186543	0	NA	NA	NA	NA	CROCCP5
245908	ENSG00000186562	0	NA	NA	NA	NA	DEFB105A
2306	ENSG00000186564	0.51937201	-0.02557462	0.38567603	0.54680819	NA	FOXD2
23131	ENSG00000186566	2026.29109	-0.14085018	0.0789294	0.0678217	0.18722451	GPATCH8
56971	ENSG00000186567	15.3887747	0.38524397	0.50597252	0.08640836	0.22393591	CEACAM19
245910	ENSG00000186572	0	NA	NA	NA	NA	DEFB107A
503614	ENSG00000186572	0	NA	NA	NA	NA	DEFB107A
4771	ENSG00000186575	771.677045	-0.19718159	0.09716687	0.03537222	0.11420719	NF2
221491	ENSG00000186577	196.740763	-0.26912975	0.17686126	0.08618733	0.22346533	SMIM29

245909	ENSG00000186579	0	NA	NA	NA	NA	DEFB106A
375686	ENSG00000186583	0.85196166	-0.01053786	0.3808599	0.85264278	NA	SPATC1
7328	ENSG00000186591	2945.29801	0.24083157	0.06719266	0.00026729	0.00184516	UBE2H
84981	ENSG00000186594	41.1665137	1.33714804	0.46016138	0.00024372	0.00169721	MIR22HG
245908	ENSG00000186599	0	NA	NA	NA	NA	DEFB105B
504180	ENSG00000186599	0	NA	NA	NA	NA	DEFB105B
84842	ENSG00000186603	38.9065801	0.56536984	0.39226812	0.03036804	0.10131192	HPDL
100129075	ENSG00000186615	57.623058	0.15637625	0.2734179	0.43163694	0.65722769	KTN1-AS1
11104	ENSG00000186625	286.85903	0.09501153	0.15331402	0.49897034	0.71658137	KATNA1
123722	ENSG00000186628	4.27302986	0.05268248	0.37707547	0.58630981	0.78206176	FSD2
116985	ENSG00000186635	1681.95777	0.01812982	0.09453727	0.84406641	0.92948958	ARAP1
347240	ENSG00000186638	315.286575	-0.13346193	0.14610329	0.32208826	0.54965002	KIF24
5138	ENSG00000186642	238.438106	-1.28363723	0.23052972	2.01E-09	3.32E-08	PDE2A
643862	ENSG00000186645	4.20381132	-0.03110807	0.37119558	0.76266488	0.89054624	SPDYE17
100101268	ENSG00000186645	4.20381132	-0.03110807	0.37119558	0.76266488	0.89054624	SPDYE17
102723849	ENSG00000186645	4.20381132	-0.03110807	0.37119558	0.76266488	0.89054624	SPDYE17
90668	ENSG00000186648	591.426961	-0.67485917	0.11351097	6.78E-10	1.19E-08	CARMIL3
5553	ENSG00000186652	0	NA	NA	NA	NA	PRG2
55615	ENSG00000186654	58.3317858	0.03725265	0.24755959	0.84529532	0.92970586	PRR5
80829	ENSG00000186660	1902.35327	-0.16197794	0.07146878	0.02088288	0.07538507	ZFP91
284018	ENSG00000186665	475.118767	-0.29889984	0.11470927	0.00614225	0.02765826	C17orf58
144233	ENSG00000186666	260.923503	-0.21073906	0.15928299	0.14481984	0.32509907	BCDIN3D
139599	ENSG00000186675	4.38811121	-0.03293176	0.36801134	0.76965618	0.89407919	MAGEE2
NA	ENSG00000186676	0.50207596	0.02562368	0.38565771	0.52549886	NA	EEF1GP1
NA	ENSG00000186678	0	NA	NA	NA	NA	
339761	ENSG00000186684	62.6280985	0.81187596	0.33287175	0.00196448	0.01053412	CYP27C1
90624	ENSG00000186687	678.288686	-0.21487612	0.15376062	0.12496375	0.29340601	LYRM7
NA	ENSG00000186704	2.9043025	0.11130381	0.39280042	0.28793966	0.51368788	DTX2P1
387885	ENSG00000186710	6.18567993	-0.11815879	0.37882825	0.39591579	0.62539564	CFAP73
493860	ENSG00000186714	0	NA	NA	NA	NA	CCDC73
11223	ENSG00000186715	20.0591453	0.75798981	0.73035407	0.02129778	0.07661794	MST1L
613	ENSG00000186716	1912.53912	-0.20387419	0.09782781	0.03065189	0.10205296	BCR
26539	ENSG00000186723	0	NA	NA	NA	NA	OR10H1
758	ENSG00000186732	21.3574941	-0.19842601	0.3862775	0.25836545	0.47964541	MPPED1
NA	ENSG00000186743	0	NA	NA	NA	NA	TPI1P3
25794	ENSG00000186765	5.12274503	-0.01747448	0.36231898	0.88584004	0.95015905	FSCN2
399823	ENSG00000186766	0	NA	NA	NA	NA	FOXI2
139886	ENSG00000186767	405.365644	-0.31469946	0.13615225	0.01317609	0.05200193	SPIN4

654254	ENSG00000186777	62.8146109	-0.73678401	0.35426543	0.00561359	0.02566803	ZNF732
474343	ENSG00000186787	124.295165	-0.00425045	0.18789013	0.97798819	0.99249544	SPIN2B
389762	ENSG00000186788	0	NA	NA	NA	NA	SPATA31D3
2301	ENSG00000186790	3.23040893	0.03882731	0.37742807	0.65684059	0.82968692	FOXE3
8372	ENSG00000186792	129.177798	-0.06652147	0.18093382	0.67584596	0.84136185	HYAL3
338567	ENSG00000186795	0	NA	NA	NA	NA	KCNK18
3446	ENSG00000186803	0.173733	0.01914545	0.38484597	0.78225479	NA	IFNA10
147645	ENSG00000186806	71.6180565	-0.29643327	0.25841459	0.13953246	0.31648712	VSIG10L
2833	ENSG00000186810	0	NA	NA	NA	NA	CXCR3
84307	ENSG00000186812	1769.82942	0.07268955	0.08133384	0.36086499	0.59075159	ZNF397
100101467	ENSG00000186814	828.439005	-0.05506232	0.11036967	0.60150558	0.79200883	ZSCAN30
53373	ENSG00000186815	854.363751	0.41085334	0.1284439	0.0006767	0.00419604	TPCN1
11006	ENSG00000186818	0	NA	NA	NA	NA	LILRB4
408029	ENSG00000186825	0.32450141	0.00139008	0.38336851	0.9669968	NA	CDRT15P3
7293	ENSG00000186827	0	NA	NA	NA	NA	TNFRSF4
NA	ENSG00000186831	0.173733	0.01914545	0.38484597	0.78225479	NA	KRT17P2
3868	ENSG00000186832	0	NA	NA	NA	NA	KRT16
10614	ENSG00000186834	643.103088	0.11193561	0.10197261	0.25492888	0.47571378	HEXIM1
348303	ENSG00000186838	10.9116456	0.1256982	0.3665329	0.42837653	0.65428642	SELENOV
353131	ENSG00000186844	0	NA	NA	NA	NA	LCE1A
3861	ENSG00000186847	0	NA	NA	NA	NA	KRT14
129293	ENSG00000186854	1.10382659	-0.02405627	0.38060958	0.69120644	NA	TRABD2A
105374836	ENSG00000186854	1.10382659	-0.02405627	0.38060958	0.69120644	NA	TRABD2A
83902	ENSG00000186860	0	NA	NA	NA	NA	KRTAP17-1
79955	ENSG00000186862	205.985526	-0.55100876	0.16454552	0.00025815	0.00179082	PDZD7
23275	ENSG00000186866	721.940635	0.20234659	0.1238295	0.08354503	0.21827226	POFUT2
84109	ENSG00000186867	0.15069912	-0.01848503	0.38480575	0.84537521	NA	QRFPR
4137	ENSG00000186868	1298.31481	-1.37699016	0.08503332	5.09E-60	6.68E-58	MAPT
54821	ENSG00000186871	389.99423	-0.28447645	0.12832836	0.01812215	0.06721694	ERCC6L
138805	ENSG00000186881	0	NA	NA	NA	NA	OR13F1
NA	ENSG00000186886	0	NA	NA	NA	NA	OR5D3P
200728	ENSG00000186889	65.4852636	-0.26730825	0.25187953	0.17505348	0.36892512	TMEM17
8784	ENSG00000186891	0.37844916	0.02407552	0.3854191	0.60038877	NA	TNFRSF18
2248	ENSG00000186895	0	NA	NA	NA	NA	FGF3
338761	ENSG00000186897	89.7310998	0.45140609	0.27236589	0.03445823	0.11200054	C1QL4
349667	ENSG00000186907	73.5022455	-0.01747245	0.24402624	0.92506783	0.96882104	RTN4RL2
23390	ENSG00000186908	1407.28836	0.18155316	0.08079209	0.02149598	0.07716307	ZDHHC17
256394	ENSG00000186910	0	NA	NA	NA	NA	SERPINA11

5030	ENSG00000186912	8.65798831	0.6872621	1.17182842	0.01977566	0.07233574	P2RY4
55893	ENSG00000186918	1421.60753	0.3969186	0.10612034	9.68E-05	0.00074059	ZNF395
353174	ENSG00000186919	9.45190671	-0.09643965	0.36307195	0.51874893	0.73239566	ZACN
337979	ENSG00000186924	0	NA	NA	NA	NA	KRTAP22-1
337973	ENSG00000186925	0	NA	NA	NA	NA	KRTAP19-6
337967	ENSG00000186930	0	NA	NA	NA	NA	KRTAP6-2
NA	ENSG00000186940	0	NA	NA	NA	NA	CHCHD2P9
138802	ENSG00000186943	0	NA	NA	NA	NA	OR13C8
5465	ENSG00000186951	517.916366	-0.25805951	0.14506544	0.05337995	0.15645711	PPARA
642987	ENSG00000186952	16.3238789	0.03951127	0.33159745	0.81774761	0.91703101	TMEM232
387978	ENSG00000186960	0	NA	NA	NA	NA	LINC01551
337969	ENSG00000186965	0	NA	NA	NA	NA	KRTAP19-2
337971	ENSG00000186967	0	NA	NA	NA	NA	KRTAP19-4
254950	ENSG00000186970	0	NA	NA	NA	NA	KRTAP15-1
284827	ENSG00000186971	0	NA	NA	NA	NA	KRTAP13-4
440585	ENSG00000186973	0	NA	NA	NA	NA	FAM183A
64800	ENSG00000186976	13.1864624	1.04905771	0.87110031	0.0098989	0.04113221	EFCAB6
337972	ENSG00000186977	0	NA	NA	NA	NA	KRTAP19-5
337963	ENSG00000186980	0	NA	NA	NA	NA	KRTAP23-1
256949	ENSG00000186994	1.48093186	0.06638933	0.38841369	0.24651703	NA	KANK3
129080	ENSG00000186998	157.384111	-0.03825749	0.20073499	0.8215678	0.91847813	EMID1
10881	ENSG00000187003	0.72077386	0.05211251	0.38874868	0.28818718	NA	ACTL7A
337977	ENSG00000187005	0	NA	NA	NA	NA	KRTAP21-1
6007	ENSG00000187010	2.80418962	-0.02113247	0.37434995	0.81333278	0.91565127	RHD
NA	ENSG00000187012	0	NA	NA	NA	NA	LINC00207
388407	ENSG00000187013	21.1369187	0.42014729	0.46764812	0.08307384	0.21743865	LINC02875
83715	ENSG00000187017	5.66734383	0.08161964	0.37954179	0.44428847	0.66924033	ESPN
5407	ENSG00000187021	0.78963195	0.0447097	0.38778241	0.30924938	NA	PNLIPRP1
138428	ENSG00000187024	129.998251	0.04030214	0.2090358	0.81985149	0.91788244	PTRH1
337978	ENSG00000187026	0	NA	NA	NA	NA	KRTAP21-2
344658	ENSG00000187033	0.173124	-0.01911262	0.38486262	0.84537521	NA	SAMD7
353345	ENSG00000187037	0	NA	NA	NA	NA	GPR141
164656	ENSG00000187045	9.53535932	0.13249891	0.37011143	0.4084802	0.63652585	TMPRSS6
1579	ENSG00000187048	0	NA	NA	NA	NA	CYP4A11
51259	ENSG00000187049	277.845683	-0.10310154	0.14661201	0.44567123	0.67028199	TMEM216
91582	ENSG00000187051	493.50925	-0.10632683	0.10931879	0.30936035	0.53712343	RPS19BP1
339967	ENSG00000187054	1.71253596	0.03169261	0.3799317	0.65977011	NA	TMPRSS11A
100130348	ENSG00000187066	13.0144815	-0.04430693	0.34701807	0.77247451	0.89553101	TMEM262

285382	ENSG00000187068	62.6694408	-0.30434955	0.26756699	0.13647042	0.31153759	C3orf70
7003	ENSG00000187079	2579.14235	0.15002864	0.09094726	0.08929931	0.22925243	TEAD1
391191	ENSG00000187080	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OR2AK2
503841	ENSG00000187082	0	NA	NA	NA	NA	DEFB106B
5333	ENSG00000187091	163.914752	0.66990316	0.19061332	0.00010191	0.00077375	PLCD1
885	ENSG00000187094	0	NA	NA	NA	NA	CCK
957	ENSG00000187097	338.597341	0.26146694	0.17160393	0.08854161	0.22766532	ENTPD5
4286	ENSG00000187098	98.6040078	1.22595997	0.36509986	5.98E-05	0.00048	MITF
NA	ENSG00000187103	0	NA	NA	NA	NA	FUNDC2P3
399671	ENSG00000187105	12.5717164	-0.19384824	0.42347838	0.14887106	0.33152468	HEATR4
4673	ENSG00000187109	8809.29183	-0.12818735	0.06739479	0.05293234	0.15548973	NAP1L1
353514	ENSG00000187116	0	NA	NA	NA	NA	LILRA5
152100	ENSG00000187118	406.463511	0.22294198	0.13368542	0.07456803	0.20054626	CMC1
6585	ENSG00000187122	2188.36514	-2.36746114	0.07990765	4.88E-194	8.07E-191	SLIT1
130574	ENSG00000187123	251.222158	0.18002509	0.16372606	0.22399409	0.43762114	LYPD6
1645	ENSG00000187134	41.4053194	-0.00221632	0.26110431	0.98922993	0.99604194	AKR1C1
342865	ENSG00000187135	0	NA	NA	NA	NA	VSTM2B
27022	ENSG00000187140	0.80827351	0.0274469	0.38417302	0.5339441	NA	FOXD3
374955	ENSG00000187144	0.32373548	-0.02327229	0.38532123	0.66865955	NA	SPATA21
55182	ENSG00000187147	1570.30424	-0.03713435	0.07227201	0.59977493	0.79066681	RNF220
253935	ENSG00000187151	0	NA	NA	NA	NA	ANGPTL5
57698	ENSG00000187164	720.060749	-0.01550065	0.09704814	0.86809665	0.94233395	SHTN1
341567	ENSG00000187166	0.3164871	0.00084348	0.38336483	0.96977064	NA	H1-7
199834	ENSG00000187170	0	NA	NA	NA	NA	LCE4A
NA	ENSG00000187172	0	NA	NA	NA	NA	BAGE2
353139	ENSG00000187173	0	NA	NA	NA	NA	LCE2A
353332	ENSG00000187175	0	NA	NA	NA	NA	KRTAP12-1
353140	ENSG00000187180	0	NA	NA	NA	NA	LCE2C
388282	ENSG00000187185	0	NA	NA	NA	NA	
730098	ENSG00000187186	60.4956779	-0.03191833	0.24801335	0.86485919	0.94026008	
339327	ENSG00000187187	179.094901	-0.04340544	0.19389793	0.79462833	0.90579008	ZNF546
23270	ENSG00000187189	1927.06718	-0.10403291	0.09375705	0.25166307	0.47149344	TSPYL4
57054	ENSG00000187191	0	NA	NA	NA	NA	DAZ3
4501	ENSG00000187193	73.2154307	0.50004443	0.27596331	0.02142917	0.07697895	MT1X
2650	ENSG00000187210	0.33471731	0.02354391	0.38534154	0.62842204	NA	GCNT1
353141	ENSG00000187223	0	NA	NA	NA	NA	LCE2D
NA	ENSG00000187229	0	NA	NA	NA	NA	
91404	ENSG00000187231	1192.64581	-0.1143958	0.11194736	0.28414617	0.50925565	SESTD1

353143	ENSG00000187238	0	NA	NA	NA	NA	LCE3B
23048	ENSG00000187239	899.310639	-0.55898199	0.11765788	6.64E-07	7.75E-06	FNBP1
79659	ENSG00000187240	416.364232	0.62634974	0.1567612	1.72E-05	0.00015613	DYNC2H1
3859	ENSG00000187242	0	NA	NA	NA	NA	KRT12
81557	ENSG00000187243	1789.22848	0.05197849	0.09925316	0.58862079	0.78335367	MAGED4B
4059	ENSG00000187244	4.61042887	0.32826967	0.59474043	0.01710025	0.06425549	BCAM
222194	ENSG00000187257	941.815393	-0.35984319	0.09772812	0.00013341	0.00098435	RSBN1L
387129	ENSG00000187258	0	NA	NA	NA	NA	NPSR1
349136	ENSG00000187260	723.088566	0.17025075	0.09329015	0.05964912	0.17039991	WDR86
2057	ENSG00000187266	455.057203	0.19416674	0.11283434	0.07131001	0.19415268	EPOR
171484	ENSG00000187268	0	NA	NA	NA	NA	FAM9C
83901	ENSG00000187272	0	NA	NA	NA	NA	KRTAP9-8
63924	ENSG00000187288	0.173733	0.01914545	0.38484597	0.78225479	NA	CIDEC
1630	ENSG00000187323	180.057789	-1.65480759	0.20902025	1.85E-16	5.55E-15	DCC
51616	ENSG00000187325	728.58987	-0.26018401	0.09474594	0.0044148	0.0209846	TAF9B
56123	ENSG00000187372	182.500069	0.6538422	0.17865785	6.15E-05	0.00049262	PCDHB13
9863	ENSG00000187391	425.186061	-0.20525231	0.13735696	0.10833221	0.26410801	MAGI2
338645	ENSG00000187398	13.2746931	0.14771686	0.35752414	0.4097764	0.63779429	LUZP2
375612	ENSG00000187416	99.3878923	-2.61907924	0.2951907	4.82E-20	1.81E-18	LHFPL3
11261	ENSG00000187446	869.377843	0.29545419	0.09724548	0.00164388	0.0090747	CHP1
NA	ENSG00000187472	0	NA	NA	NA	NA	
2359	ENSG00000187474	0	NA	NA	NA	NA	FPR3
3010	ENSG00000187475	0	NA	NA	NA	NA	H1-6
387763	ENSG00000187479	2099.93155	1.11744461	0.0727657	3.80E-54	4.19E-52	C11orf96
NA	ENSG00000187481	0	NA	NA	NA	NA	HSD3BP1
388007	ENSG00000187483	0	NA	NA	NA	NA	SERPINA13P
3767	ENSG00000187486	111.316202	-0.42145841	0.2189423	0.02272761	0.08067916	KCNJ11
389118	ENSG00000187492	0.38566494	0.00705828	0.38352517	0.90845506	NA	CDHR4
1282	ENSG00000187498	2462.60831	0.9047211	0.07780492	4.77E-32	2.88E-30	COL4A1
NA	ENSG00000187504	0.51435463	0.01620069	0.3831885	0.72798278	NA	RPL7P48
440107	ENSG00000187510	0	NA	NA	NA	NA	PLEKHG7
2701	ENSG00000187513	1.69878526	-0.07085894	0.3870089	0.34489856	NA	GJA4
5757	ENSG00000187514	31910.0334	-0.0987373	0.0526453	0.05815819	0.16725009	PTMA
25763	ENSG00000187516	0	NA	NA	NA	NA	H2AP
51182	ENSG00000187522	312.619888	-0.14237114	0.14260115	0.28088913	0.50556476	HSPA14
344905	ENSG00000187527	0.56767373	0.02627943	0.38574813	0.49686938	NA	ATP13A5
51547	ENSG00000187531	665.479814	0.12219065	0.11168778	0.25246184	0.47248778	SIRT7
401137	ENSG00000187533	0	NA	NA	NA	NA	PRR27

NA	ENSG00000187534	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PRR13P5
9742	ENSG00000187535	870.550948	-0.02359514	0.08903796	0.78455533	0.90201126	IFT140
NA	ENSG00000187536	0	NA	NA	NA	NA	TPM3P7
404785	ENSG00000187537	7.40334748	-0.18639137	0.41576655	0.19231563	0.39457518	POTEG
343071	ENSG00000187545	0	NA	NA	NA	NA	PRAMEF10
392636	ENSG00000187546	0.34687852	0.00028476	0.3833622	0.96576209	NA	AGMO
646643	ENSG00000187550	4.63712248	-0.05432129	0.36712428	0.66009766	0.83146071	SBK2
340665	ENSG00000187553	0.36295525	0.02389477	0.3853924	0.60996621	NA	CYP26C1
7100	ENSG00000187554	22.4097577	0.16629482	0.38304071	0.30707644	0.53465526	TLR5
7874	ENSG00000187555	2699.42483	-0.34183649	0.06187024	2.06E-08	2.99E-07	USP7
342977	ENSG00000187556	23.753633	-0.3318693	0.43375282	0.12474075	0.29302114	NANOS3
286380	ENSG00000187559	2.76380768	0.10343029	0.39981911	0.1417232	0.32019418	FOXD4L3
378884	ENSG00000187566	0	NA	NA	NA	NA	NHLRC1
359787	ENSG00000187569	0	NA	NA	NA	NA	DPPA3
341947	ENSG00000187581	0.63433561	0.00268403	0.3825192	0.94833541	NA	COX8C
84069	ENSG00000187583	2.76114498	0.00247887	0.37524666	0.97742384	0.99232877	PLEKHN1
NA	ENSG00000187589	0	NA	NA	NA	NA	TERF1P2
201181	ENSG00000187595	50.8190373	1.37445241	0.40327814	4.92E-05	0.00040282	ZNF385C
101805491	ENSG00000187600	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02583
28986	ENSG00000187601	285.214796	0.10259657	0.13912495	0.42958719	0.6552631	MAGEH1
200424	ENSG00000187605	2592.9195	0.17132374	0.05996269	0.00380701	0.01848083	TET3
57335	ENSG00000187607	1394.09174	-0.39518742	0.09240288	1.01E-05	9.56E-05	ZNF286A
9636	ENSG00000187608	15.6407638	-0.13797871	0.34687115	0.44789712	0.67182875	ISG15
54932	ENSG00000187609	186.192083	0.96756335	0.18268962	1.61E-08	2.36E-07	EXD3
390148	ENSG00000187612	0	NA	NA	NA	NA	OR5W2
389827	ENSG00000187616	1.02319012	0.00696526	0.38088185	0.9004305	NA	MYMK
NA	ENSG00000187621	0	NA	NA	NA	NA	TCL6
400566	ENSG00000187624	28.5210004	-0.05011119	0.30393749	0.78770479	0.90351292	C17orf97
387032	ENSG00000187626	200.305341	0.03584743	0.15521793	0.80140488	0.90902045	ZKSCAN4
400966	ENSG00000187627	118.860418	1.06271309	0.28220953	1.72E-05	0.00015645	RGPD1
317749	ENSG00000187630	155.713964	0.40135848	0.18999097	0.01622917	0.06149481	DHRS4L2
148398	ENSG00000187634	345.717047	-0.32402795	0.15660662	0.0230607	0.08165702	SAMD11
84808	ENSG00000187642	3.59646748	0.01543991	0.36895294	0.88611428	0.95015905	PERM1
400673	ENSG00000187650	161.992422	0.24506282	0.1863797	0.13336592	0.30706508	VMAC
NA	ENSG00000187653	0	NA	NA	NA	NA	TMSB4XP8
NA	ENSG00000187657	0	NA	NA	NA	NA	TSPY13P
100190949	ENSG00000187658	0	NA	NA	NA	NA	C5orf52
404037	ENSG00000187664	54.8566452	0.11964289	0.40439259	0.15323914	0.33804794	HAPLN4

26059	ENSG00000187672	162.014242	-0.24775425	0.18611788	0.1282424	0.29899782	ERC2
145173	ENSG00000187676	327.049033	0.1910632	0.12942314	0.11633236	0.27881542	B3GLCT
81848	ENSG00000187678	810.85265	-0.15132296	0.0952568	0.1003899	0.24996681	SPRY4
3266	ENSG00000187682	1.94795485	0.13737587	0.41535593	0.06556439	NA	ERAS
NA	ENSG00000187686	3.62409428	0.01224251	0.37236046	0.89770352	0.9551369	KRT18P59
51393	ENSG00000187688	8.75692912	0.11305815	0.375051	0.42092329	0.64692215	TRPV2
401138	ENSG00000187689	0	NA	NA	NA	NA	AMTN
340602	ENSG00000187690	10.8410997	0.12205298	0.35650632	0.47163847	0.69399066	EZHIP
84281	ENSG00000187699	76.1093231	0.21212996	0.23060908	0.25759425	0.47884098	C2orf88
403239	ENSG00000187701	0	NA	NA	NA	NA	OR2T27
94107	ENSG00000187713	792.199989	-0.05304332	0.09259076	0.5532349	0.75941303	TMEM203
6572	ENSG00000187714	493.436339	-1.00080332	0.12960442	1.55E-15	4.40E-14	SLC18A3
166348	ENSG00000187715	1.0860262	-0.03571045	0.38482539	0.43320026	NA	KBTBD12
79875	ENSG00000187720	97.7754247	-1.81138762	0.27557731	3.17E-12	6.96E-11	THSD4
NA	ENSG00000187721	0	NA	NA	NA	NA	GTF2IP3
374407	ENSG00000187726	8.69944145	0.08954564	0.37291166	0.49015761	0.70978228	DNAJB13
2563	ENSG00000187730	49.5137396	-0.81067592	0.40005328	0.00517641	0.02392821	GABRD
278	ENSG00000187733	0	NA	NA	NA	NA	AMY1C
6917	ENSG00000187735	1634.56867	-0.43855393	0.07231173	6.32E-10	1.12E-08	TCEA1
79840	ENSG00000187736	603.881301	-0.16584028	0.12975386	0.17302411	0.36578929	NHEJ1
2175	ENSG00000187741	1493.33075	-0.20724022	0.08802961	0.01532138	0.05859217	FANCA
79048	ENSG00000187742	1684.04873	-0.29043608	0.08825601	0.00069898	0.00432419	SECISBP2
340980	ENSG00000187747	0	NA	NA	NA	NA	OR52B6
389766	ENSG00000187753	1.00770394	0.03798146	0.38215804	0.55883654	NA	C9orf153
280658	ENSG00000187754	0	NA	NA	NA	NA	SSX7
124	ENSG00000187758	0	NA	NA	NA	NA	ADH1A
NA	ENSG00000187762	0	NA	NA	NA	NA	HSPE1P11
NA	ENSG00000187763	0	NA	NA	NA	NA	OR2B7P
10507	ENSG00000187764	930.69582	-0.24819148	0.0925015	0.005561	0.02546867	SEMA4D
386681	ENSG00000187766	0	NA	NA	NA	NA	KRTAP10-8
389421	ENSG00000187772	366.02265	-0.29883213	0.12873072	0.01341934	0.05280437	LIN28B
125704	ENSG00000187773	0	NA	NA	NA	NA	DIPK1C
8632	ENSG00000187775	38.6836298	0.30765956	0.41301797	0.14912043	0.33171312	DNAH17
10445	ENSG00000187778	1113.19844	0.11297709	0.08083605	0.15229491	0.33666083	MCRS1
643236	ENSG00000187783	0.37844916	0.02407552	0.3854191	0.60038877	NA	TMEM72
57697	ENSG00000187790	154.242325	0.37118866	0.22785972	0.04921763	0.14725949	FANCM
100129969	ENSG00000187791	0.173124	-0.01911262	0.38486262	0.84537521	NA	FAM205C
7621	ENSG00000187792	358.527547	0.1654457	0.12278351	0.15457288	0.33998898	ZNF70

64170	ENSG00000187796	752.451805	0.0708074	0.11023911	0.50234649	0.7191395	CARD9
375033	ENSG00000187800	160.11904	-0.32886547	0.25802593	0.1019812	0.252945	PEAR1
65243	ENSG00000187801	230.190052	0.0314719	0.15958325	0.82997697	0.92292025	ZFP69B
338949	ENSG00000187806	0	NA	NA	NA	NA	TMEM202
347454	ENSG00000187808	4.68917404	0.04165224	0.36986844	0.71030811	0.86089825	SOWAHD
NA	ENSG00000187812	0	NA	NA	NA	NA	
339559	ENSG00000187815	168.599148	-0.2282113	0.17463994	0.14162724	0.3200324	ZFP69
391723	ENSG00000187821	0	NA	NA	NA	NA	HELT
340595	ENSG00000187823	0.173733	0.01914545	0.38484597	0.78225479	NA	RTL4
388335	ENSG00000187824	83.5122995	-0.03300836	0.23804187	0.85809148	0.93662789	TMEM220
388960	ENSG00000187833	0	NA	NA	NA	NA	C2orf78
3006	ENSG00000187837	83.1612413	-0.49726406	0.25768907	0.01701426	0.06400509	H1-2
57048	ENSG00000187838	585.684295	0.54401109	0.11050049	2.97E-07	3.67E-06	PLSCR3
1978	ENSG00000187840	1891.78963	-0.16889042	0.0863557	0.04434117	0.13565472	EIF4EBP1
NA	ENSG00000187847	0	NA	NA	NA	NA	OR7E25P
22953	ENSG00000187848	0.3435056	0.02364483	0.38535622	0.62283903	NA	P2RX2
121549	ENSG00000187855	0.173124	-0.01911262	0.38486262	0.84537521	NA	ASCL4
390323	ENSG00000187857	0	NA	NA	NA	NA	OR6C75
550631	ENSG00000187860	145.628109	0.21232346	0.18470807	0.19027079	0.39162973	CCDC157
164118	ENSG00000187862	3.73744928	-0.01984875	0.36576482	0.86149043	0.93844892	TTC24
116224	ENSG00000187866	303.513514	-0.05740975	0.13374465	0.64613081	0.82370422	PABIR1
342979	ENSG00000187867	249.067848	0.51204298	0.15363252	0.00031315	0.00212898	PALM3
NA	ENSG00000187870	0	NA	NA	NA	NA	RNFT1P3
389400	ENSG00000187871	0	NA	NA	NA	NA	GFRAL
199920	ENSG00000187889	2.76715221	0.03837586	0.37799264	0.63135826	0.81365039	FYB2
392459	ENSG00000187893	0	NA	NA	NA	NA	CXXC1P1
NA	ENSG00000187900	0	NA	NA	NA	NA	OR5H7P
729956	ENSG00000187902	78.0895738	-1.74279365	0.29041826	1.43E-10	2.70E-09	SHISA7
NA	ENSG00000187904	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
400891	ENSG00000187905	2.84418523	-0.0011301	0.3708319	0.98924211	0.99604194	LRRC74B
1755	ENSG00000187908	1.03458168	0.0506224	0.38552444	0.35142596	NA	DMBT1
388512	ENSG00000187912	0	NA	NA	NA	NA	CLEC17A
390064	ENSG00000187918	0	NA	NA	NA	NA	OR51I2
414332	ENSG00000187922	1.06573756	0.04978228	0.38642528	0.3445109	NA	LCN10
401944	ENSG00000187942	25.4595071	0.05598461	0.3300006	0.74783226	0.88161596	LDLRAD2
401027	ENSG00000187944	6.95647971	0.03158882	0.35719271	0.81914092	0.91752333	C2orf66
341350	ENSG00000187950	0.173733	0.01914545	0.38484597	0.78225479	NA	OVCH1
100288637	ENSG00000187951	492.929071	0.13796217	0.1359025	0.27728367	0.50167437	

NA	ENSG00000187952	0.32427719	0.00119291	0.38336686	0.96888079	NA	HS6ST1P1
NA	ENSG00000187953	410.922911	0.12294973	0.11593138	0.26590894	0.48827746	PMS2CL
50626	ENSG00000187954	1104.2157	0.06485009	0.09054689	0.46167586	0.68473119	CYHR1
7373	ENSG00000187955	1.42887348	0.10356603	0.40306616	0.0690672	NA	COL14A1
92737	ENSG00000187957	1.55831389	-0.09505766	0.39662707	0.16243725	NA	DNER
642843	ENSG00000187959	0.37844916	0.02407552	0.3854191	0.60038877	NA	CPSF4L
339451	ENSG00000187961	739.821805	0.02393993	0.09226987	0.79000968	0.9043268	KLHL17
389874	ENSG00000187969	0	NA	NA	NA	NA	ZCCHC13
NA	ENSG00000187979	0.56767373	0.02627943	0.38574813	0.49686938	NA	FAM230D
391013	ENSG00000187980	0	NA	NA	NA	NA	PLA2G2C
NA	ENSG00000187984	2.29286552	0.04980121	0.38371094	0.46617227	NA	ANKRD19P
222696	ENSG00000187987	181.909219	0.64093898	0.18684887	0.00015015	0.00109643	ZSCAN23
NA	ENSG00000187988	0.34746601	0.02370763	0.3853651	0.61987128	NA	KCTD9P3
126432	ENSG00000187994	123.520675	0.59569643	0.27246289	0.00683912	0.03034851	RINL
100141515	ENSG00000187997	0	NA	NA	NA	NA	C17orf99
NA	ENSG00000187999	0.16735865	0.01897177	0.38482933	0.78225479	NA	HNRNPA1P61
162998	ENSG00000188000	0.35704327	0.02381967	0.38538147	0.61383419	NA	OR7D2
285386	ENSG00000188001	0.173124	-0.01911262	0.38486262	0.84537521	NA	TPRG1
NA	ENSG00000188002	183.336213	0.02635569	0.15912362	0.85678977	0.93605226	
284677	ENSG00000188004	12.47467	-0.1370155	0.36471567	0.41191416	0.63976648	SNHG28
729967	ENSG00000188010	248.063206	0.03252636	0.14398692	0.80869227	0.91327725	MORN2
285093	ENSG00000188011	3.12131613	0.04457994	0.37786446	0.61502268	0.80239693	RTP5
NA	ENSG00000188013	20.6368497	0.44099669	0.5109431	0.07206484	0.19555978	MEIS3P2
6274	ENSG00000188015	0.33471731	0.02354391	0.38534154	0.62842204	NA	S100A3
29978	ENSG00000188021	1319.34999	-0.02962943	0.07612204	0.69111895	0.85035049	UBQLN2
353116	ENSG00000188026	429.505785	0.41642903	0.12856297	0.00058261	0.0036888	RILPL1
392360	ENSG00000188029	0	NA	NA	NA	NA	CTSL3P
646457	ENSG00000188032	0	NA	NA	NA	NA	C19orf67
57474	ENSG00000188033	167.562452	0.20919124	0.19073498	0.20723858	0.41447107	ZNF490
1180	ENSG00000188037	0	NA	NA	NA	NA	CLCN1
123904	ENSG00000188038	1.98674645	0.09856895	0.3998048	0.10747501	NA	NRN1L
284434	ENSG00000188039	0.34117358	0.02362701	0.38535347	0.62407208	NA	NWD1
10123	ENSG00000188042	560.993558	-0.21272783	0.11023086	0.04295368	0.13257414	ARL4C
168433	ENSG00000188050	0	NA	NA	NA	NA	RNF133
100130519	ENSG00000188051	11.7560591	0.39316763	0.60153495	0.05219045	0.15390289	TMEM221
285852	ENSG00000188056	0	NA	NA	NA	NA	TREML4
115273	ENSG00000188060	28.1191833	0.12488936	0.29853919	0.52725373	0.73906416	RAB42
7477	ENSG00000188064	0.15069912	-0.01848503	0.38480575	0.84537521	NA	WNT7B

65998	ENSG00000188070	2096.82517	-0.16247466	0.06776203	0.01476231	0.05692599	C11orf95
147199	ENSG00000188076	0	NA	NA	NA	NA	SCGB1C1
NA	ENSG00000188078	0	NA	NA	NA	NA	
NA	ENSG00000188086	0.48437198	0.00977975	0.38330854	0.807476	NA	PRSS45P
123745	ENSG00000188089	0	NA	NA	NA	NA	PLA2G4E
51463	ENSG00000188092	259.347232	0.44930145	0.16603811	0.00287544	0.01460542	GPR89B
145873	ENSG00000188095	2.62408805	-0.04650319	0.37637428	0.62147004	0.80672374	MESP2
643161	ENSG00000188100	0	NA	NA	NA	NA	FAM25A
NA	ENSG00000188101	0	NA	NA	NA	NA	ALOX15P2
346007	ENSG00000188107	2.01109226	0.05326836	0.38301945	0.46516719	NA	EYS
647024	ENSG00000188112	0.83757895	-0.03117678	0.3837275	0.52283675	NA	C6orf132
1617	ENSG00000188120	0	NA	NA	NA	NA	DAZ1
338755	ENSG00000188124	0	NA	NA	NA	NA	OR2AG2
6300	ENSG00000188130	641.724295	-0.88898547	0.10112682	2.42E-19	8.73E-18	MAPK12
401498	ENSG00000188133	50.2420772	-0.73456406	0.41147092	0.01002228	0.04153792	TMEM215
441457	ENSG00000188152	21.236359	0.00787571	0.32377478	0.96633677	0.98698181	NUTM2G
1287	ENSG00000188153	0.9406116	0.06504731	0.39124699	0.20236004	NA	COL4A5
386674	ENSG00000188155	0	NA	NA	NA	NA	KRTAP10-6
375790	ENSG00000188157	2014.08388	-0.4607871	0.06826684	6.66E-12	1.44E-10	AGRN
4810	ENSG00000188158	1005.12526	-0.01897438	0.10407603	0.84870214	0.93126766	NHS
340990	ENSG00000188162	0.14931947	-0.01844332	0.38480212	0.84537521	NA	OTOG
401565	ENSG00000188163	6.52873372	-0.03127133	0.35612579	0.81829659	0.9171248	FAM166A
643853	ENSG00000188167	58.5056222	-0.64030095	0.31131649	0.00793372	0.03427672	TMPPE
199777	ENSG00000188171	138.243206	0.06057303	0.1846119	0.70960481	0.86070548	ZNF626
253012	ENSG00000188175	1.97246452	-0.01170005	0.37459631	0.89203485	NA	HEPACAM2
342527	ENSG00000188176	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SMTNL2
376940	ENSG00000188177	530.889368	-0.08423275	0.15223502	0.54563566	0.7531245	ZC3H6
NA	ENSG00000188185	542.551556	0.00373299	0.10735686	0.9720923	0.98954906	LINC00265
389541	ENSG00000188186	1052.57103	0.04776804	0.08846252	0.57969488	0.77720951	LAMTOR4
5575	ENSG00000188191	2440.87846	-0.0643508	0.06908571	0.34318515	0.57337207	PRKAR1B
729262	ENSG00000188199	53.2737858	0.37360241	0.30783105	0.09116438	0.23298963	NUTM2B
374383	ENSG00000188211	710.245663	-0.72048928	0.10946481	1.03E-11	2.19E-10	NCR3LG1
123879	ENSG00000188215	243.704068	0.06369874	0.15785669	0.65876493	0.83073135	DCUN1D3
445582	ENSG00000188219	0.93488885	-0.01830083	0.38087361	0.75923893	NA	POTEE
NA	ENSG00000188223	9.45392371	-0.02795971	0.36904291	0.79460484	0.90579008	
390927	ENSG00000188227	534.926869	0.0247701	0.12348466	0.83332678	0.92415967	ZNF793
10383	ENSG00000188229	5726.92823	-0.10588917	0.05978663	0.07257187	0.19642919	TUBB4B
119016	ENSG00000188234	419.258937	-0.09557853	0.14822632	0.48319471	0.70357492	AGAP4

25845	ENSG00000188242	187.804745	0.08466666	0.16233857	0.56362397	0.76627833	
170622	ENSG00000188243	654.672943	-0.25584791	0.10168579	0.00886055	0.03752258	COMMD6
5320	ENSG00000188257	0	NA	NA	NA	NA	PLA2G2A
400935	ENSG00000188263	0.80833901	-0.00835916	0.38085242	0.88250937	NA	IL17REL
123688	ENSG00000188266	40.7523706	0.717657	0.399991	0.01050244	0.04311366	HYKK
26659	ENSG00000188269	0	NA	NA	NA	NA	OR7A5
643338	ENSG00000188277	85.9114398	-0.18989805	0.22606338	0.30363611	0.531042	C15orf62
NA	ENSG00000188280	0	NA	NA	NA	NA	FAM230G
285180	ENSG00000188282	4.05995382	0.29892364	0.56234355	0.01466769	0.05660512	RUFY4
163087	ENSG00000188283	204.919683	-0.10326782	0.17143962	0.4995901	0.71690059	ZNF383
57801	ENSG00000188290	128.727018	-2.18617726	0.2327514	4.14E-22	1.72E-20	HES4
374918	ENSG00000188293	0	NA	NA	NA	NA	IGFL1
79862	ENSG00000188295	416.861066	0.11671757	0.12729627	0.33094074	0.55979745	ZNF669
374872	ENSG00000188305	2.51616042	-0.00324804	0.37121721	0.9720491	NA	PEAK3
344657	ENSG00000188306	3.40165696	0.0346672	0.3710835	0.74389224	0.87933877	LRRIQ4
401541	ENSG00000188312	399.585351	-0.4936886	0.14141144	0.00018228	0.00130843	CENPP
5359	ENSG00000188313	30.1465739	3.08150422	0.60429933	1.35E-08	2.01E-07	PLSCR1
NA	ENSG00000188314	0	NA	NA	NA	NA	OR7D1P
375341	ENSG00000188315	221.194293	0.08701528	0.20989721	0.62170774	0.8069267	C3orf62
387712	ENSG00000188316	2.39501451	0.05440127	0.38412491	0.43353401	NA	ENO4
84527	ENSG00000188321	387.501186	-0.0564411	0.12287768	0.6258894	0.80978006	ZNF559
388228	ENSG00000188322	3825.59496	-0.08961901	0.06120934	0.13773939	0.31360448	SBK1
283365	ENSG00000188324	0	NA	NA	NA	NA	OR6C6
100131137	ENSG00000188334	0	NA	NA	NA	NA	BSPH1
10991	ENSG00000188338	37.6868208	0.22276744	0.33206411	0.28096157	0.50564928	SLC38A3
81442	ENSG00000188340	0	NA	NA	NA	NA	OR6N2
2963	ENSG00000188342	513.72323	0.14103254	0.11461467	0.19691587	0.40069856	GTF2F2
137392	ENSG00000188343	271.121271	-0.5955133	0.15659302	4.08E-05	0.00034254	CIBAR1
54914	ENSG00000188352	876.129948	-0.10316359	0.08911299	0.23174705	0.44830942	FOCAD
NA	ENSG00000188365	1.48022204	-0.04721801	0.38436184	0.44515493	NA	
284338	ENSG00000188368	20.9231813	0.09356134	0.31413475	0.62278696	0.80737672	PRR19
7784	ENSG00000188372	104.509726	1.00281399	0.26456355	1.79E-05	0.0001619	ZP3
387695	ENSG00000188373	0	NA	NA	NA	NA	C10orf99
440093	ENSG00000188375	0.37844916	0.02407552	0.3854191	0.60038877	NA	H3-5
3440	ENSG00000188379	0	NA	NA	NA	NA	IFNA2
NA	ENSG00000188383	2.36346797	0.10828532	0.39758601	0.21310758	NA	GPAT2P2
282973	ENSG00000188385	79.8459509	-0.36129596	0.26395101	0.07812622	0.20773003	JAKMIP3
5535	ENSG00000188386	0	NA	NA	NA	NA	PPP3R2

100133220	ENSG00000188388	8.08522151	0.00496618	0.35059841	0.97480445	0.99114028	GOLGA6L3
5133	ENSG00000188389	1.38237915	0.0317034	0.37963765	0.66358205	NA	PDCD1
387836	ENSG00000188393	0	NA	NA	NA	NA	CLEC2A
2844	ENSG00000188394	0.15069912	-0.01848503	0.38480575	0.84537521	NA	GPR21
343521	ENSG00000188396	0.68304084	-0.01111829	0.38155519	0.83537345	NA	DYNLT4
NA	ENSG00000188399	0	NA	NA	NA	NA	ANKRD36P1
NA	ENSG00000188403	0	NA	NA	NA	NA	IGHV1OR15-9
6402	ENSG00000188404	0	NA	NA	NA	NA	SELL
347541	ENSG00000188408	0	NA	NA	NA	NA	MAGEB5
1121	ENSG00000188419	687.681952	-0.2023677	0.11237926	0.05885393	0.16859111	CHM
339345	ENSG00000188425	1.00245096	-0.02492772	0.38055569	0.69887298	NA	NANOS2
63915	ENSG00000188428	322.33704	-0.02449834	0.13345579	0.84426509	0.92958651	BLOC1S5
NA	ENSG00000188438	0	NA	NA	NA	NA	DEFB108F
NA	ENSG00000188439	0	NA	NA	NA	NA	OR4P1P
NA	ENSG00000188451	0.50211935	0.01195435	0.38340609	0.77280437	NA	SRP72P2
375298	ENSG00000188452	17.9997604	0.06012679	0.31928402	0.74273847	0.87875221	CERKL
NA	ENSG00000188459	0.33856635	0.00220071	0.38337774	0.96744578	NA	WASF4P
NA	ENSG00000188460	0	NA	NA	NA	NA	ACTBP11
283652	ENSG00000188467	1.96593827	-0.04694562	0.38168285	0.52680511	NA	SLC24A5
389792	ENSG00000188483	163.734387	0.31938872	0.18579248	0.05052935	0.15014263	IER5L
3014	ENSG00000188486	4143.97036	-0.09840044	0.05777265	0.08474179	0.22069796	H2AX
387755	ENSG00000188487	15.1211704	0.71732885	0.69582304	0.0240821	0.08463382	INSC
5104	ENSG00000188488	149.57733	-2.1437361	0.23341287	2.57E-21	1.02E-19	SERPINA5
284325	ENSG00000188493	322.88195	0.15144644	0.15138641	0.27602751	0.50016881	C19orf54
197021	ENSG00000188501	10.6645192	-0.21826874	0.41627814	0.19656354	0.4001795	LCTL
342897	ENSG00000188505	6.50332862	-0.07576329	0.36842795	0.56207334	0.76518802	NCCRP1
388533	ENSG00000188508	0	NA	NA	NA	NA	KRTDAP
348645	ENSG00000188511	31.4747708	-2.07835842	0.49531893	1.63E-06	1.78E-05	C22orf34
NA	ENSG00000188512	0	NA	NA	NA	NA	
84570	ENSG00000188517	0	NA	NA	NA	NA	COL25A1
644815	ENSG00000188522	174.816988	0.29845773	0.17259401	0.05307009	0.15584823	FAM83G
389799	ENSG00000188523	11.8145361	0.1409379	0.35640975	0.42706059	0.65286501	CFAP77
NA	ENSG00000188525	0.36294433	0.02389469	0.38539239	0.60997161	NA	
10772	ENSG00000188529	4357.57525	0.04684816	0.06664184	0.47561052	0.69768942	SRSF10
3040	ENSG00000188536	0.30139824	-0.02296476	0.38527817	0.68536535	NA	HBA2
285193	ENSG00000188542	123.087393	0.20812732	0.21571834	0.24749664	0.46645136	DUSP28
388115	ENSG00000188549	318.702348	0.22741913	0.19673436	0.17999939	0.37673028	CCDC9B
4077	ENSG00000188554	1769.51138	-0.06788312	0.07774671	0.37199599	0.60104858	NBR1

391211	ENSG00000188558	0	NA	NA	NA	NA	OR2G6
57186	ENSG00000188559	835.914914	-0.12315604	0.08697878	0.14545968	0.32597939	RALGAPA2
27158	ENSG00000188566	964.590685	0.33495758	0.09875101	0.00043321	0.00284601	NDOR1
345630	ENSG00000188573	778.318411	-0.83515338	0.13612614	1.46E-10	2.75E-09	FBLL1
154215	ENSG00000188580	0	NA	NA	NA	NA	NKAIN2
81851	ENSG00000188581	0	NA	NA	NA	NA	KRTAP1-1
344838	ENSG00000188582	28.7677677	1.01442088	0.50319146	0.00357709	0.01760154	PAQR9
400797	ENSG00000188585	0	NA	NA	NA	NA	CLEC20A
144535	ENSG00000188596	3.99120327	0.2270698	0.46785555	0.05832015	0.16752161	CFAP54
NA	ENSG00000188599	268.288429	0.00292948	0.13906025	0.98197725	0.99406451	NPIPP1
1201	ENSG00000188603	468.634514	0.07326398	0.11168235	0.49351559	0.712409	CLN3
653820	ENSG00000188610	301.495986	-0.4298222	0.15130264	0.002034	0.01085677	FAM72B
56624	ENSG00000188611	148.006976	0.52389124	0.29891076	0.0213394	0.07671201	ASAH2
6613	ENSG00000188612	5806.38188	-0.23542121	0.05791347	3.84E-05	0.00032333	SUMO2
340719	ENSG00000188613	1117.45078	0.74261734	0.08301841	8.06E-20	2.97E-18	NANOS1
340784	ENSG00000188620	0	NA	NA	NA	NA	HMX3
388555	ENSG00000188624	0	NA	NA	NA	NA	IGFL3
653720	ENSG00000188626	10.315969	0.04635457	0.34065556	0.77698878	0.89765663	GOLGA8M
7730	ENSG00000188629	46.2028634	-0.33775871	0.30915683	0.12206948	0.28886671	ZNF177
84247	ENSG00000188636	2159.91674	0.08780872	0.07249851	0.21589115	0.42667359	RTL6
1806	ENSG00000188641	956.86507	-0.24078765	0.09273854	0.00729866	0.03200117	DPYD
140576	ENSG00000188643	1.11896681	-0.01229829	0.37984734	0.84604941	NA	S100A16
NA	ENSG00000188646	0	NA	NA	NA	NA	
375743	ENSG00000188647	2089.08553	-0.36517541	0.08189177	4.75E-06	4.80E-05	PTAR1
387707	ENSG00000188649	4.20506458	-0.09927049	0.38739421	0.33587099	0.56585025	CC2D2B
390443	ENSG00000188655	0	NA	NA	NA	NA	RNASE9
NA	ENSG00000188656	0	NA	NA	NA	NA	TSPY7P
283726	ENSG00000188659	25.91281	0.42718547	0.48584539	0.07746427	0.20648812	SAXO2
NA	ENSG00000188660	1.87161035	-0.02319256	0.37843127	0.75321352	NA	LINC00319
NA	ENSG00000188662	0	NA	NA	NA	NA	H1-9P
NA	ENSG00000188668	0	NA	NA	NA	NA	OR7E90P
6006	ENSG00000188672	10.0833596	-0.03767367	0.35044145	0.7976658	0.90722825	RHCE
389073	ENSG00000188674	0	NA	NA	NA	NA	C2orf80
169355	ENSG00000188676	0	NA	NA	NA	NA	IDO2
29780	ENSG00000188677	398.747572	-0.05783013	0.12431238	0.62210098	0.80696197	PARVB
100132288	ENSG00000188681	312.200194	0.33553472	0.14173522	0.01073998	0.04395239	TEKT4P2
100233156	ENSG00000188681	312.200194	0.33553472	0.14173522	0.01073998	0.04395239	TEKT4P2
57835	ENSG00000188687	76.5130619	0.64422127	0.36647499	0.01357843	0.0533141	SLC4A5

7390	ENSG00000188690	819.768402	0.01958349	0.0912016	0.82566425	0.92091178	UROS
390084	ENSG00000188691	0	NA	NA	NA	NA	OR56A5
613126	ENSG00000188693	8.7777055	-0.01897026	0.35423911	0.88974242	0.95202525	CYP51A1-AS1
643803	ENSG00000188694	0	NA	NA	NA	NA	KRTAP24-1
51114	ENSG00000188706	746.776726	-0.16339133	0.09177096	0.06612103	0.18393735	ZDHHC9
113763	ENSG00000188707	384.943558	0.54243854	0.1276598	7.39E-06	7.20E-05	ZBED6CL
347148	ENSG00000188710	8.98511539	-0.29087737	0.52205335	0.04434761	0.13565472	QRFP
NA	ENSG00000188712	0	NA	NA	NA	NA	OR13D3P
338599	ENSG00000188716	0	NA	NA	NA	NA	DUSP29
643155	ENSG00000188725	1178.21433	0.07508762	0.10388071	0.45315926	0.67644871	SMIM15
344901	ENSG00000188729	0	NA	NA	NA	NA	OSTN
375567	ENSG00000188730	0	NA	NA	NA	NA	VWC2
340277	ENSG00000188732	642.95557	-0.17665727	0.10212583	0.07203665	0.19555978	FAM221A
144404	ENSG00000188735	964.728111	0.28513142	0.10726699	0.00550356	0.0252522	TMEM120B
401024	ENSG00000188738	24.3465881	-0.03577885	0.30607313	0.84608295	0.93019427	FSIP2
23029	ENSG00000188739	899.338063	-0.53303452	0.10743284	2.49E-07	3.13E-06	RBM34
10811	ENSG00000188747	18.8213837	1.87312455	0.61523381	0.00012936	0.00095766	NOXA1
NA	ENSG00000188755	0.173124	-0.01911262	0.38486262	0.84537521	NA	TBC1D3P2
130612	ENSG00000188760	626.38942	-1.00851968	0.13851727	4.17E-14	1.06E-12	TMEM198
440603	ENSG00000188761	16.4081812	0.07939731	0.36396394	0.54205223	0.75026624	BCL2L15
8326	ENSG00000188763	66.6976943	-0.03415297	0.22987593	0.85169438	0.93275912	FZD9
NA	ENSG00000188765	0	NA	NA	NA	NA	TMSB4XP2
399473	ENSG00000188766	318.325193	-0.0483687	0.14182219	0.71342369	0.86190557	SPRED3
26254	ENSG00000188770	0	NA	NA	NA	NA	OPTC
349633	ENSG00000188771	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PLET1
155	ENSG00000188778	0	NA	NA	NA	NA	ADRB3
390598	ENSG00000188779	71.1995907	0.57269308	0.287639	0.01150221	0.04653421	SKOR1
378807	ENSG00000188782	0.18922458	0.01954053	0.38488496	0.78225479	NA	CATSPER4
5549	ENSG00000188783	1.41277326	0.08182413	0.39286045	0.18490829	NA	PRELP
30814	ENSG00000188784	0	NA	NA	NA	NA	PLA2G2E
147694	ENSG00000188785	411.985131	-0.08889042	0.15145061	0.52238261	0.73571881	ZNF548
4520	ENSG00000188786	561.960936	-0.24038378	0.15341853	0.08525566	0.22149194	MTF1
127391	ENSG00000188800	0	NA	NA	NA	NA	TMCO2
NA	ENSG00000188801	0.30139824	-0.02296476	0.38527817	0.68536535	NA	ZNF322P1
388336	ENSG00000188803	0	NA	NA	NA	NA	SHISA6
199953	ENSG00000188807	1171.0333	-0.28854182	0.09005868	0.0009489	0.00566542	TMEM201
387921	ENSG00000188811	530.935021	-0.02784954	0.1105749	0.79124641	0.90493295	NHLRC3
3167	ENSG00000188816	2.77966984	0.20924479	0.46923597	0.0060925	0.02747164	HMX2

132203	ENSG00000188817	0	NA	NA	NA	NA	SNTN
79844	ENSG00000188818	96.9443703	-0.80858592	0.2893005	0.00075578	0.00462944	ZDHHC11
441168	ENSG00000188820	1.40002076	-0.02075353	0.37955003	0.75889573	NA	CALHM6
1269	ENSG00000188822	0.9967882	0.00664525	0.38006109	0.91293995	NA	CNR2
NA	ENSG00000188825	102.787097	0.00107753	0.20531024	0.99612738	0.99859366	LINC00910
84464	ENSG00000188827	630.458234	0.09302495	0.09975861	0.33481226	0.56474327	SLX4
NA	ENSG00000188828	9.31050253	0.18364839	0.39703782	0.26187173	0.48384571	GLRA4
NA	ENSG00000188831	0	NA	NA	NA	NA	DPPA3P2
377841	ENSG00000188833	9.757961	0.35123166	0.52410806	0.08207441	0.21541955	ENTPD8
9045	ENSG00000188846	10455.0667	-0.04480762	0.04816831	0.34932119	0.58004303	RPL14
389206	ENSG00000188848	1799.57883	-0.40152163	0.07052257	6.56E-09	1.01E-07	BEND4
NA	ENSG00000188850	0	NA	NA	NA	NA	
NA	ENSG00000188856	0.66261589	-0.02369954	0.38272313	0.63558227	NA	RPSAP47
149297	ENSG00000188859	67.7597592	1.08049086	0.29925474	3.18E-05	0.00027234	FAM78B
147837	ENSG00000188868	31.7439915	0.08038904	0.29061445	0.67905824	0.84320727	ZNF563
342125	ENSG00000188869	6.33149251	0.02624361	0.35650228	0.84945288	0.93154246	TMC3
NA	ENSG00000188873	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL10AP2
340441	ENSG00000188877	0	NA	NA	NA	NA	POTEA
85302	ENSG00000188878	372.634461	0.18887498	0.13392788	0.13163841	0.30439464	FBF1
346689	ENSG00000188883	19.1646025	-0.17259837	0.34001795	0.37542854	0.60453716	KLRG2
431705	ENSG00000188886	0.18922458	0.01954053	0.38488496	0.78225479	NA	ASTL
339287	ENSG00000188895	2184.82679	-0.21765439	0.06659111	0.00089613	0.00538601	MSL1
400499	ENSG00000188897	27.2057953	-0.23858806	0.39219095	0.21860011	0.43050004	
120892	ENSG00000188906	109.389211	1.08439396	0.26687576	5.11E-06	5.12E-05	LRRK2
390259	ENSG00000188909	3.35861435	-0.15949122	0.42157949	0.10671699	0.26142302	BSX
2707	ENSG00000188910	0.36303115	0.0238953	0.38539249	0.60992866	NA	GJB3
642938	ENSG00000188916	1.18374889	-0.02672335	0.38111485	0.66921013	NA	INSYN2A
79979	ENSG00000188917	212.094616	0.07054544	0.15640851	0.622069	0.80696197	TRMT2B
401494	ENSG00000188921	62.4983342	0.40577981	0.28244837	0.05916543	0.16936116	HACD4
257177	ENSG00000188931	21.1274391	0.01531404	0.30735046	0.93590267	0.97325384	CFAP126
NA	ENSG00000188933	8.69922755	0.00825658	0.3481437	0.95761361	0.98264776	USP32P1
60506	ENSG00000188937	0	NA	NA	NA	NA	NYX
158293	ENSG00000188938	969.169309	0.00615292	0.09332249	0.94669423	0.97814213	FAM120AOS
257313	ENSG00000188958	0.30139824	-0.02296476	0.38527817	0.68536535	NA	UTS2B
401546	ENSG00000188959	0	NA	NA	NA	NA	C9orf152
26155	ENSG00000188976	4629.14409	-0.05913262	0.06379095	0.34708219	0.57783927	NOC2L
345222	ENSG00000188981	5.03352153	0.03721576	0.36362572	0.76780868	0.89307241	MSANTD1
126767	ENSG00000188984	0	NA	NA	NA	NA	AADA3L3

NA	ENSG00000188985	67.9254194	-0.14149625	0.41416335	0.11245043	0.27161145	DHFRP1
25920	ENSG00000188986	1738.53803	-0.03847211	0.06973807	0.57431556	0.77352065	NELFB
729025	ENSG00000188991	0	NA	NA	NA	NA	SLC15A5
149998	ENSG00000188992	3.09577389	0.02362963	0.37212595	0.81205077	0.91493482	LIPI
339977	ENSG00000188993	6.0194751	0.09246411	0.37364764	0.48311718	0.70354116	LRRC66
23036	ENSG00000188994	1894.18285	-0.08708086	0.0954033	0.34467437	0.57503696	ZNF292
135458	ENSG00000188996	2.02332216	0.03500669	0.37654975	0.69096363	NA	HUS1B
283219	ENSG00000188997	215.729401	-0.24115854	0.18462922	0.13537305	0.30992327	KCTD21
374897	ENSG00000189001	0.53238261	-0.01818742	0.38336655	0.72877183	NA	SBSN
NA	ENSG00000189002	0	NA	NA	NA	NA	PROS2P
134637	ENSG00000189007	339.952496	-0.13693	0.13683919	0.28292059	0.50793092	ADAT2
3805	ENSG00000189013	0	NA	NA	NA	NA	KIR2DL4
NA	ENSG00000189014	11.6837505	0.00936588	0.3464606	0.95297519	0.98058207	SHLD2P3
139604	ENSG00000189023	0	NA	NA	NA	NA	MAGEB16
391104	ENSG00000189030	0.5063993	0.01486836	0.38310111	0.74606538	NA	VHLL
63904	ENSG00000189037	0	NA	NA	NA	NA	DUSP21
163081	ENSG00000189042	197.33139	-0.00165968	0.18417365	0.99066755	0.99679705	ZNF567
4697	ENSG00000189043	2556.84013	0.03805456	0.06242713	0.53723912	0.74759591	NDUFA4
728780	ENSG00000189045	23.994756	0.84030801	0.63955755	0.01415423	0.05504726	ANKDD1B
121642	ENSG00000189046	610.44218	0.38303789	0.10178961	9.27E-05	0.00071088	ALKBH2
51136	ENSG00000189050	216.335368	-0.22547205	0.15335622	0.10764655	0.26314781	RNFT1
643904	ENSG00000189051	1.32702544	0.00669838	0.37907339	0.92036681	NA	RNF222
93659	ENSG00000189052	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CGB5
5649	ENSG00000189056	2471.5358	-0.86379455	0.08488477	4.26E-25	2.03E-23	RELN
374393	ENSG00000189057	420.280982	-0.86768999	0.14785103	6.85E-10	1.21E-08	FAM111B
347	ENSG00000189058	0	NA	NA	NA	NA	APOD
3005	ENSG00000189060	7673.74942	-0.17887034	0.08749764	0.03533451	0.11413817	H1-0
645037	ENSG00000189064	0.34047096	-0.00019945	0.38336231	0.96714319	NA	GAGE2A
729447	ENSG00000189064	0.34047096	-0.00019945	0.38336231	0.96714319	NA	GAGE2A
100101629	ENSG00000189064	0.34047096	-0.00019945	0.38336231	0.96714319	NA	GAGE2A
9516	ENSG00000189067	973.038757	-0.48568054	0.10499743	1.52E-06	1.66E-05	LITAF
284415	ENSG00000189068	0	NA	NA	NA	NA	VSTM1
83862	ENSG00000189077	328.861523	0.01139485	0.14849985	0.93477224	0.97292421	TMEM120A
196528	ENSG00000189079	1580.26271	-0.06973844	0.08302039	0.38905944	0.61827567	ARID2
NA	ENSG00000189089	2.45617409	0.06276569	0.38019947	0.50054333	NA	RIMKLBP1
100133093	ENSG00000189090	0	NA	NA	NA	NA	FAM25G
23450	ENSG00000189091	5582.32177	-0.18723228	0.05799915	0.00108298	0.00631952	SF3B3
345062	ENSG00000189099	0	NA	NA	NA	NA	PRSS48

26280	ENSG00000189108	0	NA	NA	NA	NA	IL1RAPL2
388552	ENSG00000189114	114.024209	-0.38792971	0.21596726	0.03386754	0.1105697	BLOC1S3
80320	ENSG00000189120	2.10272856	0.14110165	0.41697607	0.0638867	NA	SP6
340120	ENSG00000189127	9.58732186	2.47455378	1.01198682	0.00066524	0.00413424	ANKRD34B
219348	ENSG00000189129	19.3864316	1.0693438	0.64773085	0.00618046	0.02776728	PLAC9
170062	ENSG00000189132	0	NA	NA	NA	NA	FAM47B
222698	ENSG00000189134	0	NA	NA	NA	NA	NKAPL
388165	ENSG00000189136	92.8174414	0.38476704	0.29633276	0.07773294	0.2070096	UBE2Q2P1
84075	ENSG00000189139	0	NA	NA	NA	NA	FSCB
1364	ENSG00000189143	87.0016942	0.38895429	0.28013645	0.06780918	0.18721599	CLDN4
126231	ENSG00000189144	108.472649	-0.04487141	0.20559436	0.79493827	0.90585603	ZNF573
NA	ENSG00000189145	0	NA	NA	NA	NA	RPL32P36
NA	ENSG00000189149	6.73257459	-0.06922771	0.36056644	0.6212714	0.80672374	CRYM-AS1
400581	ENSG00000189152	0.4721408	-0.0076152	0.38324107	0.86212392	NA	GRAPL
100129583	ENSG00000189157	66.7724351	-0.05377902	0.24301547	0.77395323	0.89604057	FAM47E
51155	ENSG00000189159	3336.44928	0.02056661	0.06339475	0.74370499	0.87922221	JPT1
84503	ENSG00000189164	154.516216	-0.48346075	0.19737871	0.00518415	0.02394729	ZNF527
NA	ENSG00000189166	0.16735865	0.01897177	0.38482933	0.78225479	NA	TNRC18P3
646799	ENSG00000189167	0.47250969	-0.00768687	0.38324361	0.86100405	NA	ZAR1L
386685	ENSG00000189169	0	NA	NA	NA	NA	KRTAP10-12
6284	ENSG00000189171	22.6208288	0.04035508	0.30390001	0.83164352	0.92378968	S100A13
7581	ENSG00000189180	1254.46866	-0.26238337	0.09148315	0.00306938	0.01543248	ZNF33A
401994	ENSG00000189181	0	NA	NA	NA	NA	OR14I1
374454	ENSG00000189182	0	NA	NA	NA	NA	KRT77
54510	ENSG00000189184	854.549029	-0.08387878	0.10509917	0.40519125	0.63354042	PCDH18
347442	ENSG00000189186	0	NA	NA	NA	NA	DCAF8L2
162966	ENSG00000189190	179.569096	0.36085493	0.19757044	0.03503927	0.11340607	ZNF600
284697	ENSG00000189195	108.13369	-0.27320656	0.21176586	0.12518432	0.29381959	BTBD8
100287879	ENSG00000189196	0	NA	NA	NA	NA	LINC00994
NA	ENSG00000189212	174.578214	-0.7453385	0.18298965	9.06E-06	8.67E-05	DPY19L2P1
4128	ENSG00000189221	263.872752	0.88138098	0.17500343	7.23E-08	9.70E-07	MAOA
654433	ENSG00000189223	0.34746601	0.02370763	0.3853651	0.61987128	NA	PAX8-AS1
145853	ENSG00000189227	272.478075	0.13621449	0.14672702	0.31519466	0.54297665	C15orf61
NA	ENSG00000189229	11.2335194	0.03552379	0.3370907	0.83163749	0.92378968	
389643	ENSG00000189233	0.16735865	0.01897177	0.38482933	0.78225479	NA	NUGGC
100507206	ENSG00000189238	0	NA	NA	NA	NA	LINC00943
7259	ENSG00000189241	1176.57817	-0.11470028	0.08063781	0.14522865	0.32572196	TSPYL1
139067	ENSG00000189252	0	NA	NA	NA	NA	SPANXN3

642446	ENSG00000189253	0	NA	NA	NA	NA	TRIM64B
55629	ENSG00000189266	2792.84977	0.16939257	0.06108273	0.00494953	0.02304052	PNRC2
51233	ENSG00000189269	7.21049358	0.14752279	0.38231911	0.34302181	0.57318007	DRICH1
399827	ENSG00000189275	0.29863895	-0.02292439	0.3852726	0.68753245	NA	LINC01164
2709	ENSG00000189280	0.69493202	0.03154416	0.38626309	0.41391645	NA	GJB5
2272	ENSG00000189283	105.572749	0.3944641	0.23711538	0.04269185	0.1320147	FHIT
285016	ENSG00000189292	2.52739347	0.02258703	0.37271808	0.81436162	NA	ALKAL2
NA	ENSG00000189295	0	NA	NA	NA	NA	VKRD62P1-PARP4P3
80317	ENSG00000189298	210.712833	0.00831251	0.15291658	0.95377282	0.98083958	ZKSCAN3
139628	ENSG00000189299	246.578014	-0.24134432	0.15002028	0.07954881	0.2105454	FOXR2
27341	ENSG00000189306	697.854968	-0.06172982	0.11033731	0.5581971	0.76291851	RRP7A
132660	ENSG00000189308	430.269743	-0.12369055	0.12214225	0.2836642	0.50881632	LIN54
441239	ENSG00000189316	3.21305998	-0.09297622	0.38344365	0.39775403	0.62695161	
9679	ENSG00000189319	1268.06821	-0.04906499	0.09067823	0.576633	0.77528586	FAM53B
389558	ENSG00000189320	2.14863989	-0.06068254	0.38033313	0.50365621	NA	FAM180A
389384	ENSG00000189325	0	NA	NA	NA	NA	BNIP5
441525	ENSG00000189326	0	NA	NA	NA	NA	SPANXN4
494141	ENSG00000189332	0	NA	NA	NA	NA	SLC25A51P4
57402	ENSG00000189334	0	NA	NA	NA	NA	S100A14
23254	ENSG00000189337	273.021141	0.40582791	0.18937131	0.01476539	0.05692682	KAZN
728661	ENSG00000189339	4967.96791	0.08795575	0.05694445	0.11843518	0.28255821	SLC35E2B
NA	ENSG00000189343	18.331099	-0.00973004	0.31619369	0.95504367	0.98157246	RPS2P46
646508	ENSG00000189348	0	NA	NA	NA	NA	FAM90A27P
165186	ENSG00000189350	77.9812223	-0.30674432	0.26917643	0.13251753	0.30570716	TOGARAM2
389761	ENSG00000189357	0	NA	NA	NA	NA	SPATA31D4
100131211	ENSG00000189362	276.570098	-0.40611236	0.39195623	0.08722414	0.22548301	NEMP2
200810	ENSG00000189366	9.11356466	0.3692222	0.57465702	0.05830791	0.16751071	ALG1L
9729	ENSG00000189367	735.827033	-1.67425056	0.15594785	4.89E-28	2.62E-26	KIAA0408
23708	ENSG00000189369	327.037146	-0.31284178	0.12896035	0.00976904	0.04074368	GSPT2
NA	ENSG00000189372	0	NA	NA	NA	NA	
254272	ENSG00000189375	0	NA	NA	NA	NA	TBC1D28
84933	ENSG00000189376	409.175524	-0.16991786	0.12107355	0.13778624	0.31363569	C8orf76
284340	ENSG00000189377	0	NA	NA	NA	NA	CXCL17
NA	ENSG00000189398	6.22266874	-0.09567934	0.37694956	0.44997836	0.67340229	OR7E12P
139562	ENSG00000189401	0.18922458	0.01954053	0.38488496	0.78225479	NA	OTUD6A
3146	ENSG00000189403	12218.3021	-0.14878696	0.05791617	0.00789161	0.03411845	HMGB1
8510	ENSG00000189409	11.0349952	1.34509327	1.1599925	0.00708441	0.03125247	MMP23B
400745	ENSG00000189410	32.2296199	-0.46586462	0.41379876	0.06236105	0.17644655	SH2D5

NA	ENSG00000189419	17.2923491	0.03644138	0.31988281	0.84064362	0.92770994	SPATA41
139735	ENSG00000189420	158.020322	-0.28929993	0.19212849	0.08294603	0.21719009	ZFP92
NA	ENSG00000189423	121.561373	0.03941578	0.22719602	0.83091417	0.92360004	USP32P3
9437	ENSG00000189430	0	NA	NA	NA	NA	NCR1
644943	ENSG00000189431	12.2987401	-0.86874117	0.87847267	0.01676262	0.06323365	RASSF10
127534	ENSG00000189433	0.36304042	0.02389537	0.3853925	0.60992407	NA	GJB4
NA	ENSG00000194297	0	NA	NA	NA	NA	RNU1-75P
574452	ENSG00000194717	0	NA	NA	NA	NA	MIR494
NA	ENSG00000195024	0	NA	NA	NA	NA	RNU1-15P
NA	ENSG00000195401	0	NA	NA	NA	NA	
284521	ENSG00000196071	0	NA	NA	NA	NA	OR2L13
282991	ENSG00000196072	402.79382	-0.46915645	0.15095208	0.00075659	0.00463152	BLOC1S2
10388	ENSG00000196074	148.312695	0.05120714	0.22914246	0.78234013	0.90086297	SYCP2
440519	ENSG00000196081	177.570079	-0.23405423	0.1714829	0.12636113	0.29581177	ZNF724
3556	ENSG00000196083	0.53092972	0.01187066	0.38331447	0.7553138	NA	IL1RAP
NA	ENSG00000196085	0	NA	NA	NA	NA	SMIM7P1
11122	ENSG00000196090	18.9382718	-3.82218398	0.88113228	1.41E-06	1.56E-05	PTPRT
4604	ENSG00000196091	0	NA	NA	NA	NA	MYBPC1
5079	ENSG00000196092	743.998386	-2.70726864	0.13881837	4.50E-86	1.03E-83	PAX5
NA	ENSG00000196096	2.39598147	0.09416575	0.39613267	0.17933514	NA	SPAG16-DT
403278	ENSG00000196098	0	NA	NA	NA	NA	OR5K4
390261	ENSG00000196099	0	NA	NA	NA	NA	OR6M1
50859	ENSG00000196104	23.4238734	2.24390558	0.55517664	2.99E-06	3.12E-05	SPOCK3
163223	ENSG00000196109	2.50636778	-0.08976281	0.38853179	0.32721887	NA	ZNF676
374879	ENSG00000196110	127.66978	-0.04179207	0.17994194	0.79160515	0.90499209	ZNF699
NA	ENSG00000196114	0.44795842	-0.02501848	0.38558245	0.5807882	NA	IFITM3P3
NA	ENSG00000196115	0	NA	NA	NA	NA	ADAM5
23424	ENSG00000196116	164.636951	0.36355214	0.19495938	0.03222852	0.10617966	TDRD7
90835	ENSG00000196118	132.049657	0.44170203	0.20498542	0.01276411	0.05068852	CCDC189
390275	ENSG00000196119	0	NA	NA	NA	NA	OR8A1
653319	ENSG00000196123	1666.31447	0.1186638	0.07581716	0.11047892	0.26795865	KIAA0895L
3123	ENSG00000196126	0	NA	NA	NA	NA	HLA-DRB1
317701	ENSG00000196131	0	NA	NA	NA	NA	VN1R2
4661	ENSG00000196132	551.144667	-1.05471734	0.12654051	9.40E-18	3.06E-16	MYT1
12	ENSG00000196136	0.67266818	0.00970948	0.38267945	0.82290888	NA	SERPINA3
8644	ENSG00000196139	9.25808076	0.17740356	0.39108001	0.28176494	0.50654372	AKRIC3
26010	ENSG00000196141	323.091597	0.29815063	0.1546721	0.03495455	0.11318725	SPATS2L
NA	ENSG00000196143	1.35190218	0.0514076	0.38444859	0.43248709	NA	OR11H13P

58500	ENSG00000196150	418.777426	-0.05629207	0.13763374	0.65870274	0.83073135	ZNF250
151525	ENSG00000196151	148.308688	-0.14064972	0.18411396	0.38344001	0.61266407	WDSUB1
7633	ENSG00000196152	144.268313	-0.02380682	0.18358965	0.88153077	0.94772508	ZNF79
6275	ENSG00000196154	33.6763122	-0.61526456	0.43767349	0.02599119	0.08974218	S100A4
25894	ENSG00000196155	1576.67656	0.12361644	0.1033748	0.21422675	0.42438929	PLEKHG4
85290	ENSG00000196156	0	NA	NA	NA	NA	KRTAP4-3
79633	ENSG00000196159	92.3464074	-0.12625831	0.2372758	0.50068333	0.71795498	FAT4
NA	ENSG00000196166	0.34624801	-0.02356563	0.38536324	0.65270996	NA	C8orf86
399948	ENSG00000196167	0.33471731	0.02354391	0.38534154	0.62842204	NA	COLCA1
124602	ENSG00000196169	17.0749825	2.64465164	0.72907906	1.26E-05	0.00011776	KIF19
81448	ENSG00000196171	0	NA	NA	NA	NA	OR6K2
148213	ENSG00000196172	467.72776	-0.5264011	0.14305015	8.01E-05	0.00062369	ZNF681
36	ENSG00000196177	435.734031	0.17657379	0.12449681	0.13326808	0.30691105	ACADSB
83931	ENSG00000196182	1541.8801	0.42820794	0.07080234	7.33E-10	1.28E-08	STK40
NA	ENSG00000196183	1.15217991	-0.00364109	0.37949693	0.95399678	NA	RPS2P4
26476	ENSG00000196184	0	NA	NA	NA	NA	OR10J1
9725	ENSG00000196187	405.982053	2.56768667	0.17622416	1.50E-49	1.46E-47	TMEM63A
1510	ENSG00000196188	1.48390247	0.03434546	0.38072464	0.60904738	NA	CTSE
64218	ENSG00000196189	47.6171664	0.14868192	0.26444684	0.45189761	0.67512414	SEMA4A
646962	ENSG00000196196	0	NA	NA	NA	NA	HRCT1
54737	ENSG00000196199	1011.11028	-0.161719	0.08951353	0.06253185	0.17675338	MPHOSPH8
441191	ENSG00000196204	585.146994	-0.16234017	0.11826961	0.1479759	0.33012187	RNF216P1
NA	ENSG00000196205	131.992795	-0.2063957	0.20876065	0.24086673	0.45883782	EEF1A1P5
9687	ENSG00000196208	3878.44446	-0.02578421	0.0838437	0.75189262	0.88379345	GREB1
284759	ENSG00000196209	0	NA	NA	NA	NA	SIRPB2
90321	ENSG00000196214	300.38659	-0.18778897	0.19434319	0.26150256	0.48352384	ZNF766
6261	ENSG00000196218	85.1101413	0.18715703	0.43214443	0.11648127	0.27907117	RYR1
9901	ENSG00000196220	389.266332	0.10167822	0.1934855	0.54497	0.75267698	SRGAP3
387266	ENSG00000196224	0	NA	NA	NA	NA	KRTAP5-3
63939	ENSG00000196227	591.044626	-1.05170947	0.12505395	4.96E-18	1.65E-16	FAM217B
442038	ENSG00000196228	0	NA	NA	NA	NA	SULT1C3
203068	ENSG00000196230	43349.6101	-0.12195643	0.05418859	0.02231296	0.07950595	TUBB
84458	ENSG00000196233	1189.68921	-0.1552557	0.27759546	0.43259929	0.65796603	LCOR
6829	ENSG00000196235	3294.39986	0.18619802	0.06571827	0.00402137	0.01938859	SUPT5H
63929	ENSG00000196236	228.110194	-0.07562049	0.1488446	0.58057757	0.77797237	XPNPEP3
401992	ENSG00000196240	0	NA	NA	NA	NA	OR2T2
81472	ENSG00000196242	0	NA	NA	NA	NA	OR2C3
148824	ENSG00000196242	0	NA	NA	NA	NA	OR2C3

439916	ENSG00000196243	0	NA	NA	NA	NA	LINC00615
51427	ENSG00000196247	1110.27823	-0.41310221	0.08336062	3.68E-07	4.49E-06	ZNF107
219873	ENSG00000196248	0	NA	NA	NA	NA	OR10S1
389376	ENSG00000196260	0	NA	NA	NA	NA	SFTA2
5478	ENSG00000196262	23909.4215	-0.21153754	0.05669612	0.00015224	0.00110963	PPIA
57573	ENSG00000196263	208.336067	-0.0810928	0.1848066	0.61525282	0.80259162	ZNF471
441911	ENSG00000196266	0	NA	NA	NA	NA	OR10J3
162962	ENSG00000196267	108.117164	0.16854623	0.23697298	0.37205028	0.60104858	ZNF836
284443	ENSG00000196268	306.279794	-0.00565959	0.14226665	0.96481114	0.98622874	ZNF493
283601	ENSG00000196273	3.91222055	-0.21861656	0.45852439	0.07150544	0.19452459	LINC00523
NA	ENSG00000196274	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
84163	ENSG00000196275	505.566565	0.32165718	0.10822973	0.00190306	0.01024051	GTF2IRD2
2917	ENSG00000196277	359.759849	-0.03196735	0.17370314	0.83475818	0.92454439	GRM7
8464	ENSG00000196284	155.901856	0.04308292	0.17642318	0.78479039	0.90204747	SUPT3H
441925	ENSG00000196289	0	NA	NA	NA	NA	BECN2
60491	ENSG00000196290	566.688524	-0.12996925	0.1041363	0.1932479	0.39596861	NIF3L1
NA	ENSG00000196295	1020.31406	0.28832961	0.09467226	0.00163468	0.00903399	GARS1-DT
487	ENSG00000196296	59.5332015	0.01630584	0.29981345	0.9326843	0.97195551	ATP2A1
NA	ENSG00000196301	0	NA	NA	NA	NA	HLA-DRB9
NA	ENSG00000196302	102.113297	0.27688617	0.24350778	0.15426808	0.3394719	GUSBP15
3376	ENSG00000196305	4775.72618	0.3043026	0.08748578	0.00034434	0.00231737	IARS1
84278	ENSG00000196312	1377.66564	0.05775346	0.13580779	0.65026996	0.82529572	MFSD14C
9883	ENSG00000196313	4923.29598	-0.01025384	0.05430165	0.82745919	0.92198082	POM121
29068	ENSG00000196323	1081.36377	0.01054453	0.11095205	0.92194985	0.96729164	ZBTB44
55340	ENSG00000196329	0	NA	NA	NA	NA	GIMAP5
56164	ENSG00000196335	10.8145382	0.1185405	0.3729554	0.42026553	0.64619198	STK31
94027	ENSG00000196337	3.04438347	0.10604707	0.39288286	0.27331103	0.49679256	CGB7
54413	ENSG00000196338	247.75333	-0.39669862	0.1671434	0.00857472	0.03655403	NLGN3
283159	ENSG00000196341	0	NA	NA	NA	NA	OR8D1
131	ENSG00000196344	0	NA	NA	NA	NA	ADH7
55888	ENSG00000196345	524.021272	-0.0936727	0.12672474	0.43265701	0.65797295	ZKSCAN7
100287226	ENSG00000196350	0.64926934	-0.03789353	0.38680731	0.40870612	NA	ZNF729
1604	ENSG00000196352	0	NA	NA	NA	NA	CD55
131034	ENSG00000196353	87.0350409	-1.77064365	0.29389569	1.14E-10	2.18E-09	CPNE4
147929	ENSG00000196357	62.5638395	-0.08572131	0.23949152	0.64739925	0.82430661	ZNF565
84628	ENSG00000196358	88.2717509	0.18056675	0.30576785	0.37155572	0.60060191	NTNG2
1995	ENSG00000196361	4137.86925	-0.91181377	0.07115285	2.13E-38	1.58E-36	ELAVL3
11091	ENSG00000196363	1551.41516	-0.05039243	0.07092693	0.46915147	0.69153662	WDR5

NA	ENSG00000196364	0	NA	NA	NA	NA	PRSS29P
9361	ENSG00000196365	3395.37522	0.07495663	0.05837695	0.1939954	0.39683151	LONP1
158055	ENSG00000196366	16.1655484	-0.23554834	0.38467828	0.23354098	0.45043378	C9orf163
8295	ENSG00000196367	6536.3733	-0.10984828	0.05334393	0.03738228	0.1192962	TRRAP
55190	ENSG00000196368	420.96925	-0.11897136	0.11737611	0.28660607	0.5123684	NUDT11
647135	ENSG00000196369	1030.7164	-0.43115728	0.09437741	2.35E-06	2.50E-05	SRGAP2B
2526	ENSG00000196371	76.3628149	0.07318664	0.23422045	0.69573265	0.85316371	FUT4
79754	ENSG00000196372	909.470214	-0.25701658	0.08669413	0.00227927	0.01197266	ASB13
222553	ENSG00000196376	1.34775073	-0.04155115	0.38271622	0.52040837	NA	SLC35F1
80778	ENSG00000196378	87.0817792	-0.16643457	0.24475449	0.38304418	0.61240159	ZNF34
163115	ENSG00000196381	100.838208	-0.12956583	0.26302005	0.50395191	0.72045005	ZNF781
NA	ENSG00000196383	0	NA	NA	NA	NA	OR4Q2
7699	ENSG00000196387	294.211099	-0.01475674	0.15975699	0.91783927	0.9652015	ZNF140
388324	ENSG00000196388	7.45147874	0.07682923	0.35953537	0.60251596	0.79259054	INCA1
NA	ENSG00000196390	0	NA	NA	NA	NA	
342132	ENSG00000196391	236.010063	-0.57925059	0.16961076	0.00018443	0.00132241	ZNF774
NA	ENSG00000196395	0	NA	NA	NA	NA	
5770	ENSG00000196396	1088.54858	-0.04415827	0.08129391	0.57776351	0.77605301	PTPN1
NA	ENSG00000196403	0	NA	NA	NA	NA	OR10D1P
51466	ENSG00000196405	2708.25843	-0.05416944	0.06726804	0.41286784	0.64038252	EVL
64648	ENSG00000196406	0	NA	NA	NA	NA	SPANXD
284486	ENSG00000196407	0.36325155	0.02389685	0.38539273	0.60981965	NA	THEM5
124056	ENSG00000196408	2.36430715	0.11586212	0.4003901	0.18719163	NA	NOXO1
2050	ENSG00000196411	1448.1558	2.42016174	0.092731	1.94E-151	1.83E-148	EPHB4
5657	ENSG00000196415	0	NA	NA	NA	NA	PRTN3
91661	ENSG00000196417	230.402875	0.04060891	0.17275905	0.7935071	0.90556117	ZNF765
7678	ENSG00000196418	379.128489	-0.22293282	0.13072946	0.06876954	0.1890682	ZNF124
2547	ENSG00000196419	2834.7753	-0.12569762	0.09319542	0.16366814	0.35275692	XRCC6
6276	ENSG00000196420	0	NA	NA	NA	NA	S100A5
284739	ENSG00000196421	66.5641943	0.24992968	0.24781666	0.20054431	0.40575148	C20orf204
9858	ENSG00000196422	1639.89707	0.02246613	0.07876259	0.77285543	0.89561741	PPP1R26
148545	ENSG00000196427	146.999886	0.93034518	0.26556294	5.81E-05	0.0004672	NBPF4
9819	ENSG00000196428	475.197898	-0.06905767	0.13174013	0.57583644	0.7744963	TSC22D2
1413	ENSG00000196431	0	NA	NA	NA	NA	CRYBA4
438	ENSG00000196433	0.173733	0.01914545	0.38484597	0.78225479	NA	ASMT
440348	ENSG00000196436	0.49335459	-0.01684786	0.38404234	0.84749744	NA	NPIPB15
148266	ENSG00000196437	268.751324	-0.19111421	0.15578466	0.17806632	0.37352884	ZNF569
100131755	ENSG00000196440	683.949022	-0.02171721	0.10133559	0.82240217	0.91897523	ARMCX4

79693	ENSG00000196449	693.485474	-0.02166566	0.09710289	0.81671509	0.9166503	YRDC
27153	ENSG00000196453	497.535325	-0.28728971	0.10878948	0.00571359	0.02604725	ZNF777
30849	ENSG00000196455	647.888832	-0.15613415	0.12018477	0.17008462	0.36191941	PIK3R4
285971	ENSG00000196456	504.30229	0.22783055	0.12790721	0.05823272	0.16740168	ZNF775
100289635	ENSG00000196458	819.490411	-0.26887036	0.11339524	0.01263355	0.05028078	ZNF605
6399	ENSG00000196459	466.488702	-0.48884488	0.14564478	0.0003014	0.00205487	TRAPPC2
731220	ENSG00000196460	1.39562213	-0.05561223	0.38872542	0.26074571	NA	RFX8
140465	ENSG00000196465	2128.24818	0.06126339	0.0729094	0.39246534	0.62172726	MYL6B
90576	ENSG00000196466	96.0645502	-0.20670867	0.24138192	0.27957459	0.5040676	ZNF799
8823	ENSG00000196468	0	NA	NA	NA	NA	FGF16
6477	ENSG00000196470	624.803207	0.04096653	0.10861052	0.6949118	0.85252598	SIAH1
NA	ENSG00000196472	0	NA	NA	NA	NA	
2712	ENSG00000196475	0	NA	NA	NA	NA	GK2
140680	ENSG00000196476	331.153876	0.20919969	0.12819435	0.08276211	0.2167657	C20orf96
2104	ENSG00000196482	2067.68979	0.12301824	0.07756604	0.10541859	0.25894574	ESRRG
79711	ENSG00000196497	1783.46503	-0.05718824	0.07502605	0.43553463	0.66067796	IPO4
9612	ENSG00000196498	5171.34423	0.05777238	0.06976555	0.39982262	0.62831531	NCOR2
6817	ENSG00000196502	9.40902836	0.13652097	0.39550988	0.26348719	0.48542909	SULT1A1
132946	ENSG00000196503	0.173124	-0.01911262	0.38486262	0.84537521	NA	ARL9
55660	ENSG00000196504	2677.9917	0.03008446	0.07279717	0.679789	0.84376374	PRPF40A
54834	ENSG00000196505	338.083423	-0.39148634	0.1393622	0.00252566	0.01309017	GDAP2
85012	ENSG00000196507	272.524198	-0.21782192	0.14572424	0.10478547	0.25792917	TCEAL3
51434	ENSG00000196510	1094.73484	-0.08742164	0.08800962	0.30644084	0.53411107	ANAPC7
27010	ENSG00000196511	84.6064932	0.04381831	0.21730065	0.80841452	0.91317199	TPK1
6536	ENSG00000196517	269.85889	1.82362041	0.25694449	8.88E-14	2.19E-12	SLC6A9
60312	ENSG00000196526	6738.74318	-0.16410678	0.05036719	0.00100291	0.0059237	AFAP1
4666	ENSG00000196531	10875.5626	0.02262594	0.05004724	0.66305581	0.83375759	NACA
NA	ENSG00000196534	0	NA	NA	NA	NA	OR9K1P
399687	ENSG00000196535	1295.86121	-0.24546579	0.07955992	0.00156993	0.00871989	MYO18A
343173	ENSG00000196539	0	NA	NA	NA	NA	OR2T3
165679	ENSG00000196542	189.069947	0.3845637	0.17960482	0.01610653	0.06112347	SPTSSB
54785	ENSG00000196544	186.836319	-0.02539557	0.16049693	0.8607181	0.93799827	BORCS6
4122	ENSG00000196547	1892.96651	-0.1153528	0.07072896	0.09607139	0.24200817	MAN2A2
4311	ENSG00000196549	34.0103746	-0.43514484	0.41170752	0.07347026	0.19834672	MME
729533	ENSG00000196550	349.493146	-0.48154252	0.1314754	0.00010062	0.00076454	FAM72A
440184	ENSG00000196553	0.173733	0.01914545	0.38484597	0.78225479	NA	CCDC196
8912	ENSG00000196557	0	NA	NA	NA	NA	CACNA1H
55959	ENSG00000196562	1878.155	-2.08816806	0.08079744	1.74E-148	1.43E-145	SULF2

NA	ENSG00000196564	0	NA	NA	NA	NA	BLOC1S6P1
3048	ENSG00000196565	0	NA	NA	NA	NA	HBG2
NA	ENSG00000196566	0	NA	NA	NA	NA	
3908	ENSG00000196569	0	NA	NA	NA	NA	LAMA2
345456	ENSG00000196570	0.34057487	-0.00047727	0.38336304	0.96977705	NA	PFN3
23654	ENSG00000196576	4635.92879	-0.19397138	0.07496299	0.00823972	0.0354151	PLXNB2
81050	ENSG00000196578	0	NA	NA	NA	NA	OR5AC2
55966	ENSG00000196581	22.0036629	-2.83770735	0.77892699	1.32E-05	0.0001233	AJAP1
7516	ENSG00000196584	1626.9507	-0.08908419	0.07694113	0.23682556	0.45370983	XRCC2
4646	ENSG00000196586	1279.1522	0.24342045	0.07758977	0.00133691	0.00758921	MYO6
57591	ENSG00000196588	336.549875	0.07896742	0.15765897	0.58403211	0.78020525	MRTFA
729458	ENSG00000196589	0	NA	NA	NA	NA	MBD3L2B
3066	ENSG00000196591	5043.8138	0.05431184	0.05829903	0.34673388	0.57745322	HDAC2
NA	ENSG00000196593	1.3933945	-0.06015007	0.38588951	0.37463236	NA	ANKRD20A19P
158431	ENSG00000196597	106.163383	-0.11293636	0.237261	0.54605197	0.75333225	ZNF782
387601	ENSG00000196600	0.33471731	0.02354391	0.38534154	0.62842204	NA	SLC22A25
728378	ENSG00000196604	0.18922458	0.01954053	0.38488496	0.78225479	NA	POTEF
162993	ENSG00000196605	98.0294702	0.501885	0.2507982	0.01448116	0.05600512	ZNF846
100505555	ENSG00000196605	98.0294702	0.501885	0.2507982	0.01448116	0.05600512	ZNF846
4312	ENSG00000196611	0	NA	NA	NA	NA	MMP1
125	ENSG00000196616	0.70829826	0.02419826	0.38327581	0.58592423	NA	ADH1B
7366	ENSG00000196620	0	NA	NA	NA	NA	UGT2B15
6925	ENSG00000196628	12673.6232	-0.23149599	0.05427509	1.44E-05	0.00013269	TCF4
65267	ENSG00000196632	226.874103	-0.18727436	0.1946628	0.26332894	0.48536289	WNK3
106182249	ENSG00000196634	0	NA	NA	NA	NA	LUADT1
57001	ENSG00000196636	347.73718	0.04111755	0.12214733	0.72735449	0.86958199	SDHAF3
3269	ENSG00000196639	0.18922458	0.01954053	0.38488496	0.78225479	NA	HRH1
55684	ENSG00000196642	3813.06809	-0.04686428	0.06012665	0.42720098	0.652979	RABL6
7695	ENSG00000196646	176.286977	-0.19197268	0.18995395	0.24432691	0.4628959	ZNF136
23660	ENSG00000196652	887.570344	0.03348194	0.0961438	0.71979427	0.86597043	ZKSCAN5
91392	ENSG00000196653	170.787235	-0.12204991	0.16635285	0.41468974	0.64180766	ZNF502
51399	ENSG00000196655	775.701737	0.09635126	0.09239067	0.28284692	0.50789057	TRAPPC4
NA	ENSG00000196656	1370.06871	-0.04749416	0.0797156	0.54188457	0.75019119	
150737	ENSG00000196659	249.837971	0.34587524	0.15297547	0.01369139	0.05359848	TTC30B
55532	ENSG00000196660	91.6883939	0.46549705	0.27530636	0.03078117	0.10232882	SLC30A10
9895	ENSG00000196663	764.203704	0.5998391	0.11565882	6.40E-08	8.65E-07	TECPR2
51284	ENSG00000196664	0	NA	NA	NA	NA	TLR7
399888	ENSG00000196666	2.78108551	0.02531872	0.37163223	0.80360691	0.91070264	FAM180B

100287569	ENSG00000196668	6.99384931	0.24974389	0.46546914	0.09176182	0.23400444	LINC00173
643836	ENSG00000196670	903.909129	0.02779117	0.09670644	0.76742749	0.89288602	ZFP62
112479	ENSG00000196678	612.386357	-0.16979288	0.10515417	0.09230647	0.2349404	ERI2
54543	ENSG00000196683	1089.7402	0.04836994	0.096805	0.60643051	0.79607018	TOMM7
84941	ENSG00000196684	0	NA	NA	NA	NA	HSH2D
7442	ENSG00000196689	228.689719	0.04336387	0.14547332	0.74837314	0.88195564	TRPV1
7582	ENSG00000196693	1057.23808	-0.39588973	0.09139595	7.84E-06	7.60E-05	ZNF33B
283970	ENSG00000196696	165.217127	0.62944199	0.20957392	0.00065111	0.00405715	
57473	ENSG00000196700	1895.81508	0.31030904	0.07074741	7.88E-06	7.62E-05	ZNF512B
51321	ENSG00000196704	1111.3987	-0.24073012	0.09329275	0.00763786	0.03320955	AMZ2
170959	ENSG00000196705	923.829995	0.11299517	0.09717296	0.22926937	0.44481755	ZNF431
389658	ENSG00000196711	0	NA	NA	NA	NA	ALKAL1
4763	ENSG00000196712	2617.00127	-0.09467004	0.08632533	0.25955991	0.48121669	NF1
154807	ENSG00000196715	1723.13746	-0.2680727	0.07945447	0.00054698	0.0034883	VKORC1L1
147686	ENSG00000196724	8.79941896	0.24434016	0.48248185	0.04211862	0.13070323	ZNF418
1612	ENSG00000196730	1373.55278	0.01845611	0.07497267	0.80280408	0.91020247	DAPK1
353132	ENSG00000196734	0.173124	-0.01911262	0.38486262	0.84537521	NA	LCE1B
3117	ENSG00000196735	0	NA	NA	NA	NA	HLA-DQA1
85301	ENSG00000196739	174.993325	-1.347993	0.19556559	4.79E-13	1.12E-11	COL27A1
NA	ENSG00000196741	44.5197113	0.18449943	0.30067819	0.36500909	0.59446563	LINC01560
2760	ENSG00000196743	407.377164	0.38139733	0.11996556	0.00080135	0.0048814	GM2A
8329	ENSG00000196747	5.80107887	-0.2241277	0.44636492	0.1210442	0.28719408	H2AC13
389383	ENSG00000196748	0.49160492	-0.00761637	0.38272042	0.85526143	NA	CLPSL2
6273	ENSG00000196754	0.63354864	0.00212699	0.38251372	0.95865884	NA	S100A2
388796	ENSG00000196756	701.04475	0.07233896	0.09454954	0.43027608	0.65586029	SNHG17
90592	ENSG00000196757	288.667931	0.02342592	0.14103968	0.85937013	0.9374775	ZNF700
401040	ENSG00000196758	0	NA	NA	NA	NA	
5456	ENSG00000196767	0	NA	NA	NA	NA	POU3F4
284532	ENSG00000196772	0	NA	NA	NA	NA	OR14A16
961	ENSG00000196776	1178.39384	-0.17022181	0.10150381	0.08123392	0.21389263	CD47
390036	ENSG00000196778	0	NA	NA	NA	NA	OR52K1
7088	ENSG00000196781	1916.39821	0.10650347	0.08292867	0.18845464	0.3889867	TLE1
55534	ENSG00000196782	2375.50094	-0.32085327	0.06763894	1.38E-06	1.53E-05	MAML3
8969	ENSG00000196787	57.3099036	-0.8628971	0.32533907	0.00105258	0.00616751	H2AC11
29966	ENSG00000196792	526.187295	-0.10555157	0.13421524	0.40012109	0.62854504	STRN3
8187	ENSG00000196793	311.079221	-0.53790812	0.18627497	0.00123232	0.00707069	ZNF239
NA	ENSG00000196796	0.34746601	0.02370763	0.3853651	0.61987128	NA	NPIP10P
408187	ENSG00000196800	0	NA	NA	NA	NA	SPINK14

6701	ENSG00000196805	0	NA	NA	NA	NA	SPRR2B
NA	ENSG00000196810	504.390882	-0.08950089	0.13205646	0.46911991	0.69153662	CTBP1-DT
1146	ENSG00000196811	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CHRNA1
80345	ENSG00000196812	245.630462	-0.01888709	0.1393011	0.88375368	0.94897201	ZSCAN16
89853	ENSG00000196814	1013.14032	-0.09133961	0.09384559	0.31509387	0.54289729	MVB12B
64771	ENSG00000196821	1684.4389	0.04176307	0.07761064	0.5834721	0.77994081	ILRUN
NA	ENSG00000196826	0	NA	NA	NA	NA	
390439	ENSG00000196832	0.62178598	-0.04501091	0.38755918	0.37478114	NA	OR11G2
653269	ENSG00000196834	0	NA	NA	NA	NA	POT1
100	ENSG00000196839	146.963754	0.3407159	0.18895748	0.03969602	0.12465479	ADA
10865	ENSG00000196843	90.0176547	0.45241765	0.25438571	0.02747182	0.09356925	ARID5A
399967	ENSG00000196844	0.173733	0.01914545	0.38484597	0.78225479	NA	PATE2
160760	ENSG00000196850	568.298632	0.06511165	0.10207354	0.50896708	0.72469548	PPTC7
390792	ENSG00000196859	0	NA	NA	NA	NA	KRT39
387990	ENSG00000196860	1.1264234	-0.00654307	0.38052282	0.90997405	NA	TOMM20L
285190	ENSG00000196862	17.7085264	0.19300388	0.366484	0.31325864	0.54126787	RGPD4
374354	ENSG00000196865	1186.30094	-0.18679092	0.07715929	0.01330163	0.05242437	NHLRC2
3013	ENSG00000196866	0.7534956	-0.03327829	0.38646938	0.40782637	NA	H2AC7
140612	ENSG00000196867	254.258062	0.01098868	0.18991977	0.94836984	0.97876335	ZFP28
343990	ENSG00000196872	52.3697297	2.01735431	0.3754165	4.75E-09	7.47E-08	CRACDL
445571	ENSG00000196873	384.723517	0.11067859	0.12677079	0.35506675	0.58548241	CBWD3
6334	ENSG00000196876	821.717781	-0.76279953	0.10284844	2.38E-14	6.15E-13	SCN8A
3914	ENSG00000196878	1.65839172	-0.05277493	0.38343898	0.46101376	NA	LAMB3
128312	ENSG00000196890	57.8471066	-0.32942402	0.28120276	0.11697163	0.27997551	H2BU1
NA	ENSG00000196893	0	NA	NA	NA	NA	
389320	ENSG00000196900	0	NA	NA	NA	NA	TEX43
3841	ENSG00000196911	495.74099	0.17420228	0.13296925	0.16197632	0.35042673	KPNA5
57730	ENSG00000196912	325.036199	0.24500774	0.14350751	0.06502771	0.18187757	ANKRD36B
23365	ENSG00000196914	4117.05242	-0.36263979	0.06013293	9.61E-10	1.65E-08	ARHGEF12
27198	ENSG00000196917	0	NA	NA	NA	NA	HCAR1
286101	ENSG00000196922	848.703656	-0.2527223	0.11019665	0.01630014	0.06169325	ZNF252P
9260	ENSG00000196923	866.664539	-0.0074821	0.09149676	0.93209725	0.97175748	PDLIM7
2316	ENSG00000196924	13880.1579	0.62516256	0.04860418	2.22E-38	1.64E-36	FLNA
219623	ENSG00000196932	29.8430221	-0.81549272	0.50407685	0.01061309	0.04349591	TMEM26
NA	ENSG00000196933	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPS26P11
57522	ENSG00000196935	862.0233	0.58582932	0.10851885	2.09E-08	3.03E-07	SRGAP1
10447	ENSG00000196937	400.889548	-0.41883903	0.14642454	0.00197394	0.01057888	FAM3C
161424	ENSG00000196943	1353.96025	-0.03948142	0.07573177	0.594254	0.7877158	NOP9

127074	ENSG00000196944	0	NA	NA	NA	NA	OR2T4
440077	ENSG00000196946	0.34746601	0.02370763	0.3853651	0.61987128	NA	ZNF705A
57181	ENSG00000196950	1430.97038	-0.19699511	0.0940021	0.03041106	0.10142132	SLC39A10
100129858	ENSG00000196951	71.0171262	-0.20976845	0.29931471	0.3049759	0.5323528	SCOC-AS1
837	ENSG00000196954	0.5897162	-0.03106455	0.38592535	0.59281556	NA	CASP4
160	ENSG00000196961	1545.56114	0.09481175	0.09605873	0.30860746	0.53621325	AP2A1
199704	ENSG00000196967	313.182644	-0.11019882	0.19206094	0.50579949	0.72177288	ZNF585A
170384	ENSG00000196968	294.820592	-0.24462205	0.1496398	0.07481832	0.20111035	FUT11
55999	ENSG00000196970	0.52119901	0.02576573	0.38568143	0.51723676	NA	NXF4
644596	ENSG00000196972	7.77442052	-0.00248133	0.35435911	0.98345415	0.99432963	SMIM10L2B
307	ENSG00000196975	276.586207	0.93903915	0.15171873	8.83E-11	1.71E-09	ANXA4
8270	ENSG00000196976	371.02623	0.01774594	0.12299459	0.87991032	0.94676614	LAGE3
401554	ENSG00000196979	0.71683569	0.02258975	0.38381088	0.59908846	NA	GPRACR
54554	ENSG00000196981	317.2767	0.09858333	0.14361015	0.45972263	0.6828552	WDR5B
642968	ENSG00000196990	1881.63497	-0.40140431	0.06872665	2.77E-09	4.48E-08	FAM163B
100507607	ENSG00000196993	17.3961523	0.53163167	0.62854707	0.04544641	0.13822733	NPIP8
11152	ENSG00000196998	740.803379	0.24571246	0.09942123	0.01029578	0.04243214	WDR45
51108	ENSG00000197006	2649.1153	-0.07005578	0.06066716	0.24171594	0.45967442	METTL9
7697	ENSG00000197008	601.650048	-0.06840122	0.09967232	0.4765575	0.69841458	ZNF138
353088	ENSG00000197013	219.647235	-0.54116354	0.18784182	0.00123018	0.00706421	ZNF429
388566	ENSG00000197016	360.914998	-0.07860025	0.12446591	0.50342765	0.72011569	ZNF470
29950	ENSG00000197019	58.7901742	0.39499343	0.29273936	0.0703821	0.192286	SERTAD1
163227	ENSG00000197020	339.993637	-0.41757057	0.1406309	0.00141298	0.00797085	ZNF100
541578	ENSG00000197021	286.026246	-0.01914437	0.15348693	0.89054657	0.95232275	EOLA2
NA	ENSG00000197023	0	NA	NA	NA	NA	OR51A6P
57541	ENSG00000197024	683.668388	-0.16217567	0.11374786	0.13330117	0.30695163	ZNF398
221785	ENSG00000197037	940.194347	-0.05981155	0.08926782	0.49028791	0.70981553	ZSCAN25
NA	ENSG00000197038	0	NA	NA	NA	NA	RBM1A3P
309	ENSG00000197043	1899.64312	-0.17802166	0.07321175	0.01310486	0.05175169	ANXA6
126068	ENSG00000197044	147.259228	-0.35050963	0.20597333	0.04640921	0.14061674	ZNF441
2764	ENSG00000197045	1724.38522	-0.55671136	0.08531854	2.33E-11	4.77E-10	GMFB
284266	ENSG00000197046	0	NA	NA	NA	NA	SIGLEC15
147923	ENSG00000197050	318.208584	-0.51862549	0.1512186	0.00021136	0.00149549	ZNF420
284390	ENSG00000197054	33.6465798	0.14516409	0.33504265	0.44285131	0.66774358	ZNF763
79830	ENSG00000197056	379.061925	-0.17271751	0.12531589	0.14367292	0.32310935	ZMYM1
401124	ENSG00000197057	0	NA	NA	NA	NA	DTHD1
8364	ENSG00000197061	2.34312805	-0.06514319	0.38272177	0.45196845	NA	H4C3
7741	ENSG00000197062	283.664302	0.11865589	0.20290455	0.49221059	0.71119788	ZSCAN26

4097	ENSG00000197063	1757.72805	0.14992341	0.06760354	0.02421031	0.08495446	MAFG
NA	ENSG00000197067	0	NA	NA	NA	NA	OR2T32P
92714	ENSG00000197070	448.34799	0.48055327	0.12589541	5.52E-05	0.00044598	ARRDC1
85379	ENSG00000197077	724.216707	0.30433309	0.09878197	0.00138913	0.00785178	KIAA1671
3886	ENSG00000197079	0	NA	NA	NA	NA	KRT35
3482	ENSG00000197081	4425.94249	0.03737642	0.05907842	0.52341853	0.73623706	IGF2R
NA	ENSG00000197083	0.34656964	-0.02344504	0.38534777	0.6613171	NA	ZNF300P1
353133	ENSG00000197084	0	NA	NA	NA	NA	LCE1C
404744	ENSG00000197085	0	NA	NA	NA	NA	NPSR1-AS1
NA	ENSG00000197092	0	NA	NA	NA	NA	GOLGA6L16P
79690	ENSG00000197093	276.148286	0.64373038	0.15882037	1.30E-05	0.00012108	GAL3ST4
NA	ENSG00000197099	0	NA	NA	NA	NA	
1778	ENSG00000197102	16304.2961	0.24731051	0.05719719	1.21E-05	0.00011374	DYNC1H1
388662	ENSG00000197106	223.856853	-2.17554786	0.21300005	1.08E-25	5.25E-24	SLC6A17
282617	ENSG00000197110	0	NA	NA	NA	NA	IFNL3
5094	ENSG00000197111	10324.5624	-0.01240309	0.04836596	0.79400393	0.90579008	PCBP2
84619	ENSG00000197114	643.361119	0.36564775	0.10011823	0.00014984	0.00109459	ZGPAT
123096	ENSG00000197119	3942.63193	0.49948938	0.06430198	3.26E-15	9.08E-14	SLC25A29
80055	ENSG00000197121	2204.09832	-0.5239867	0.07893834	1.19E-11	2.52E-10	PGAP1
6714	ENSG00000197122	4961.47782	0.14716129	0.06104504	0.0146113	0.05644239	SRC
168417	ENSG00000197123	6.04430401	-0.22293922	0.44048227	0.13984647	0.31709188	ZNF679
91120	ENSG00000197124	221.694227	0.00071111	0.15392241	0.99707574	0.99913206	ZNF682
26493	ENSG00000197125	0	NA	NA	NA	NA	OR8B8
400720	ENSG00000197128	230.257688	-0.15110177	0.19247924	0.36304321	0.59281472	ZNF772
113835	ENSG00000197134	89.7711906	-0.35127437	0.31011348	0.10763513	0.26314781	ZNF257
399909	ENSG00000197136	2303.7076	0.28629606	0.06802795	1.86E-05	0.00016751	PCNX3
203102	ENSG00000197140	25.8599949	-0.28375934	0.43352038	0.14543853	0.32597939	ADAM32
51703	ENSG00000197142	0.80612149	-0.00727628	0.38082098	0.89768298	NA	ACSL5
23507	ENSG00000197147	1000.29155	-0.50136929	0.10340365	4.83E-07	5.78E-06	LRRC8B
NA	ENSG00000197149	7.27574921	-0.03718276	0.35098642	0.79955832	0.90807929	
11194	ENSG00000197150	975.047591	0.0661081	0.10130164	0.49914318	0.71669126	ABCB8
8356	ENSG00000197153	2.86198723	-0.09319768	0.39089866	0.29387064	0.52019927	H3C12
27044	ENSG00000197157	4929.87644	-0.03037919	0.05241223	0.55880347	0.76349156	SND1
NA	ENSG00000197161	0	NA	NA	NA	NA	OR4C4P
146540	ENSG00000197162	654.490539	0.1872325	0.11115166	0.0777937	0.2071028	ZNF785
6799	ENSG00000197165	0	NA	NA	NA	NA	SULT1A2
341676	ENSG00000197168	18.1734469	1.71117313	0.64921616	0.00044216	0.00289969	NEK5
5718	ENSG00000197170	1441.41913	-0.15515204	0.08339204	0.05616579	0.16284223	PSMD12

101929006	ENSG00000197171	0	NA	NA	NA	NA	
4105	ENSG00000197172	1042.39153	0.43741387	0.08329978	7.30E-08	9.78E-07	MAGEA6
100129345	ENSG00000197176	0	NA	NA	NA	NA	LINC02291
84435	ENSG00000197177	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ADGRA1
158960	ENSG00000197180	23.2587319	-0.07526297	0.30411356	0.69116641	0.85035049	
55124	ENSG00000197181	4.8365582	0.18989055	0.4261557	0.14923729	0.33189865	PIWIL2
400931	ENSG00000197182	163.668495	-0.52871712	0.22413829	0.00566996	0.02588997	MIRLET7BHG
140688	ENSG00000197183	1527.69138	-0.02605702	0.08393712	0.74954938	0.88208433	NOL4L
NA	ENSG00000197185	0	NA	NA	NA	NA	SSXP1
375791	ENSG00000197191	44.3664394	0.63926119	0.44627866	0.0229844	0.0814159	CYSRT1
6583	ENSG00000197208	5.17591352	0.04943108	0.36997343	0.66266934	0.83353574	SLC22A4
NA	ENSG00000197210	5.96875521	3.9574274	1.7321715	0.00088832	0.00534395	
342933	ENSG00000197213	0.173733	0.01914545	0.38484597	0.78225479	NA	ZSCAN5B
NA	ENSG00000197214	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TCEA1P1
9583	ENSG00000197217	1973.084	0.05221903	0.06913687	0.44307299	0.66802706	ENTPD4
10438	ENSG00000197223	299.578972	-0.014502	0.13306772	0.90665272	0.95941063	C1D
23061	ENSG00000197226	2322.04984	0.0942743	0.07223162	0.18437429	0.38303517	TBC1D9B
26740	ENSG00000197233	0	NA	NA	NA	NA	OR1J2
8363	ENSG00000197238	45.6077213	-0.00348571	0.38068474	0.93948196	0.97474024	H4C11
155184	ENSG00000197241	0	NA	NA	NA	NA	SLC2A7
79927	ENSG00000197245	21.2723428	-0.32867539	0.42379746	0.13418601	0.30845214	FAM110D
5265	ENSG00000197249	0	NA	NA	NA	NA	SERPINA1
401253	ENSG00000197251	0.98055222	0.00600475	0.3793004	0.92649228	NA	LINC00336
64499	ENSG00000197253	0	NA	NA	NA	NA	TPSB2
NA	ENSG00000197254	0	NA	NA	NA	NA	
25959	ENSG00000197256	1696.02236	-0.01948077	0.10791526	0.84898576	0.93137282	KANK2
NA	ENSG00000197258	4.05024091	-0.15409509	0.40744512	0.20525323	0.41224389	EIF4BP6
135398	ENSG00000197261	0.96944804	0.0519479	0.38613807	0.35679999	NA	C6orf141
2961	ENSG00000197265	560.256188	-0.01422945	0.10144186	0.88281591	0.94840089	GTF2E2
246778	ENSG00000197272	0.15069912	-0.01848503	0.38480575	0.84537521	NA	IL27
2980	ENSG00000197273	0	NA	NA	NA	NA	GUCA2A
25788	ENSG00000197275	281.325852	-0.41033533	0.14685181	0.00249606	0.01295705	RAD54B
7718	ENSG00000197279	12.1106976	0.18213193	0.37549447	0.31365838	0.54159326	ZNF165
8831	ENSG00000197283	1126.4483	-0.17086721	0.09206709	0.05527155	0.16081355	SYNGAP1
100190938	ENSG00000197291	116.025822	-0.66782756	0.22509097	0.0006529	0.00406446	RAMP2-AS1
128486	ENSG00000197296	298.716911	-0.19908156	0.1561647	0.16158574	0.34999912	FITM2
641	ENSG00000197299	768.599347	-0.31738467	0.0908525	0.00031239	0.00212474	BLM
100129940	ENSG00000197301	0	NA	NA	NA	NA	HMGA2-AS1

124411	ENSG00000197302	432.83212	-0.2217969	0.14978183	0.10636518	0.26080345	ZNF720
399717	ENSG00000197308	458.071944	0.47860273	0.14254422	0.00031567	0.00214407	GATA3-AS1
26497	ENSG00000197309	0	NA	NA	NA	NA	OR10D3
84301	ENSG00000197312	1308.36146	-0.06665671	0.07994193	0.39346568	0.62246703	DDI2
NA	ENSG00000197320	0.173733	0.01914545	0.38484597	0.78225479	NA	
6840	ENSG00000197321	594.648025	1.48890611	0.12629567	3.62E-33	2.28E-31	SVIL
400591	ENSG00000197322	0	NA	NA	NA	NA	C17orf102
51592	ENSG00000197323	1569.71625	-0.19654371	0.08579676	0.01852182	0.06837978	TRIM33
26020	ENSG00000197324	1152.26715	0.24268944	0.07884038	0.00163153	0.00902162	LRP10
57162	ENSG00000197329	825.994168	0.12098396	0.10373668	0.22556179	0.43951541	PELI1
NA	ENSG00000197332	81.1217835	-0.18484148	0.26419126	0.34908329	0.57985703	
NA	ENSG00000197334	0	NA	NA	NA	NA	
79027	ENSG00000197343	2573.62988	-0.13666701	0.0746725	0.06177106	0.17534507	ZNF655
219927	ENSG00000197345	596.584415	0.00339608	0.10384875	0.97435153	0.9908321	MRPL21
137797	ENSG00000197353	0	NA	NA	NA	NA	LYPD2
91373	ENSG00000197355	486.264863	-0.68687124	0.12005615	2.53E-09	4.11E-08	UAP1L1
NA	ENSG00000197358	0	NA	NA	NA	NA	BNIP3P1
148198	ENSG00000197360	0.9480641	-0.06797803	0.39193571	0.19890261	NA	ZNF98
283807	ENSG00000197361	6.181953	0.1254054	0.39022368	0.30174486	0.52913363	FBXL22
136051	ENSG00000197362	451.736699	-0.06639258	0.10936338	0.5257921	0.73808697	ZNF786
340385	ENSG00000197363	373.163577	0.03929999	0.14218264	0.76693459	0.89261979	ZNF517
NA	ENSG00000197364	0	NA	NA	NA	NA	S100A7L2
171392	ENSG00000197372	277.812618	0.0411826	0.15398177	0.77134431	0.89515442	ZNF675
6584	ENSG00000197375	299.026848	0.02381252	0.15965664	0.87074913	0.94350971	SLC22A5
NA	ENSG00000197376	0.173124	-0.01911262	0.38486262	0.84537521	NA	
147906	ENSG00000197380	799.482017	-0.10312115	0.08939325	0.23486603	0.45174425	DACT3
104	ENSG00000197381	897.147649	-1.2678691	0.12309852	6.30E-26	3.09E-24	ADARB1
344787	ENSG00000197385	3.28994562	0.05411987	0.37752635	0.5580412	0.76291851	ZNF860
3064	ENSG00000197386	2830.77042	-0.10315261	0.08294433	0.2018715	0.40731522	HTT
128372	ENSG00000197403	0	NA	NA	NA	NA	OR6N1
728	ENSG00000197405	0.34109461	0.02362641	0.38535338	0.62411393	NA	C5AR1
1735	ENSG00000197406	120.020797	4.61464382	0.34363317	8.61E-42	6.81E-40	DIO3
1555	ENSG00000197408	0	NA	NA	NA	NA	CYP2B6
8351	ENSG00000197409	1.02142397	-0.00016943	0.38155016	0.99724909	NA	H3C4
54798	ENSG00000197410	0	NA	NA	NA	NA	DCHS2
79674	ENSG00000197415	1.78145877	0.0057804	0.37797608	0.93629417	NA	VEPH1
646486	ENSG00000197416	0	NA	NA	NA	NA	FABP12
23729	ENSG00000197417	511.491632	-0.07791243	0.11102778	0.46272645	0.6855676	SHPK

NA	ENSG00000197421	11.2878594	5.35995768	1.43906756	9.11E-06	8.70E-05	GGT3P
390038	ENSG00000197428	0	NA	NA	NA	NA	OR51D1
3652	ENSG00000197429	261.140833	-0.14713241	0.15492294	0.29800731	0.52474847	IPP
93377	ENSG00000197430	0	NA	NA	NA	NA	OPALIN
441933	ENSG00000197437	0	NA	NA	NA	NA	OR13G1
4217	ENSG00000197442	278.849992	-0.81247014	0.15129085	1.40E-08	2.07E-07	MAP3K5
55753	ENSG00000197444	1360.94846	-0.96714853	0.08861596	1.37E-28	7.49E-27	OGDHL
1572	ENSG00000197446	0.18922458	0.01954053	0.38488496	0.78225479	NA	CYP2F1
373156	ENSG00000197448	922.048516	0.42154791	0.08539657	4.01E-07	4.86E-06	GSTK1
3182	ENSG00000197451	5452.59265	-0.2180465	0.06053452	0.00026017	0.00180356	HNRNPAB
81466	ENSG00000197454	0.173733	0.01914545	0.38484597	0.78225479	NA	OR2L5
50861	ENSG00000197457	3395.72038	-0.80691959	0.06789635	2.67E-33	1.69E-31	STMN3
5154	ENSG00000197461	2.05258534	-0.03692088	0.3759929	0.68397674	NA	PDGFA
NA	ENSG00000197462	0.173733	0.01914545	0.38484597	0.78225479	NA	
2996	ENSG00000197465	1.88832085	0.11020293	0.39945066	0.18654202	NA	GYPE
1305	ENSG00000197467	1.93619754	0.11337097	0.40415247	0.11947396	NA	COL13A1
NA	ENSG00000197468	0	NA	NA	NA	NA	OR7E85BP
6693	ENSG00000197471	2.40960067	0.09609494	0.39451071	0.21269724	NA	SPN
57116	ENSG00000197472	275.897166	-0.17339594	0.14206028	0.18779353	0.38811227	ZNF695
1587	ENSG00000197475	0	NA	NA	NA	NA	ADAM3A
NA	ENSG00000197476	0	NA	NA	NA	NA	
56125	ENSG00000197479	39.5402771	0.89335352	0.51009964	0.00706719	0.03119928	PCDHB11
89887	ENSG00000197483	200.351265	0.03190233	0.16394617	0.83075089	0.92347029	ZNF628
85569	ENSG00000197487	0	NA	NA	NA	NA	GALP
81031	ENSG00000197496	118.857386	0.53823904	0.2499805	0.00903179	0.03811757	SLC2A10
79788	ENSG00000197497	82.011314	-0.10948774	0.23702841	0.5580583	0.76291851	ZNF665
84154	ENSG00000197498	576.071889	-0.18624537	0.12449912	0.11265205	0.27179207	RPF2
144360	ENSG00000197503	0	NA	NA	NA	NA	LINC00477
64078	ENSG00000197506	0	NA	NA	NA	NA	SLC28A3
400823	ENSG00000197520	0	NA	NA	NA	NA	FAM177B
142678	ENSG00000197530	921.948999	0.59856671	0.12476972	4.74E-07	5.67E-06	MIB2
391112	ENSG00000197532	0	NA	NA	NA	NA	OR6Y1
4644	ENSG00000197535	1238.31225	-0.4576993	0.10534038	5.90E-06	5.86E-05	MYO5A
NA	ENSG00000197536	37.9864218	0.6716406	0.48721065	0.02088266	0.07538507	IRF1-AS1
3004	ENSG00000197540	0.16735865	0.01897177	0.38482933	0.78225479	NA	GZMM
10533	ENSG00000197548	329.838722	-0.07019317	0.14548753	0.60217629	0.79251592	ATG7
649179	ENSG00000197549	0	NA	NA	NA	NA	PRAMENP
NA	ENSG00000197550	2.66353136	-0.08606225	0.38657027	0.36104782	0.59083575	

26037	ENSG00000197555	3790.0146	-0.33202245	0.06092802	3.25E-08	4.57E-07	SIPA1L1
92104	ENSG00000197557	217.513815	0.16782021	0.15745197	0.24252028	0.46074905	TTC30A
NA	ENSG00000197558	110.904496	0.37817968	0.26872739	0.06810366	0.18779383	SSPOP
1991	ENSG00000197561	0	NA	NA	NA	NA	ELANE
57799	ENSG00000197562	505.64391	-0.1218279	0.11423945	0.26288649	0.48497991	RAB40C
23556	ENSG00000197563	613.737238	-0.01616729	0.11426099	0.88206072	0.9479489	PIGN
1288	ENSG00000197565	0.77735646	-0.00320859	0.38207188	0.93334478	NA	COL4A6
57547	ENSG00000197566	116.323563	-0.32073988	0.20480315	0.06682611	0.185353	ZNF624
11147	ENSG00000197568	72.205216	0.1342231	0.24114689	0.48040415	0.70158112	HHLA3
NA	ENSG00000197575	0	NA	NA	NA	NA	RPS17P2
3201	ENSG00000197576	0	NA	NA	NA	NA	HOXA4
10210	ENSG00000197579	503.168137	-0.16713298	0.10814867	0.10623096	0.26052192	TOPORS
83875	ENSG00000197580	30.7120308	0.64943474	0.49543805	0.02465764	0.08618877	BCO2
NA	ENSG00000197582	0.32248618	-0.02325418	0.38531869	0.66960978	NA	GPX1P1
10242	ENSG00000197584	2.41415358	0.1045837	0.39692663	0.2065756	NA	KCNMB2
NA	ENSG00000197585	0.5456005	0.02195801	0.38368909	0.65343716	NA	
955	ENSG00000197586	967.100798	0.0723541	0.10212356	0.46300224	0.68582451	ENTPD6
127343	ENSG00000197587	0	NA	NA	NA	NA	DMBX1
606293	ENSG00000197588	0	NA	NA	NA	NA	KLKP1
391189	ENSG00000197591	0	NA	NA	NA	NA	OR11L1
5167	ENSG00000197594	0	NA	NA	NA	NA	ENPP1
400165	ENSG00000197595	0	NA	NA	NA	NA	ATP11AUN
645811	ENSG00000197599	6.90956304	0.03491695	0.36654866	0.76099078	0.88953379	CCDC154
84188	ENSG00000197601	1536.555	0.11323365	0.08066434	0.15115922	0.33504762	FAR1
65250	ENSG00000197603	641.073671	-0.07190649	0.12262002	0.52957785	0.74127448	CPLANE1
284371	ENSG00000197608	291.875089	0.06825769	0.15318559	0.62795022	0.81117654	ZNF841
8076	ENSG00000197614	0	NA	NA	NA	NA	MFAP5
4624	ENSG00000197616	0	NA	NA	NA	NA	MYH6
NA	ENSG00000197617	0.36293605	0.02389464	0.38539238	0.60997572	NA	VN1R5
284370	ENSG00000197619	156.647051	-0.04771493	0.20248503	0.78002075	0.89936692	ZNF615
91966	ENSG00000197620	152.502532	-0.08979874	0.17562673	0.56428236	0.76680562	EOLA1
56882	ENSG00000197622	2563.3211	-0.31767926	0.06831046	2.21E-06	2.36E-05	CDC42SE1
NA	ENSG00000197627	0	NA	NA	NA	NA	UBE2Q2P12
219972	ENSG00000197629	0	NA	NA	NA	NA	MPEG1
5055	ENSG00000197632	0	NA	NA	NA	NA	SERPINB2
1803	ENSG00000197635	0.48453952	0.02955208	0.38589984	0.50215184	NA	DPP4
5275	ENSG00000197641	0	NA	NA	NA	NA	SERPINB13
NA	ENSG00000197644	0	NA	NA	NA	NA	

80380	ENSG00000197646	0.66053232	0.02589183	0.38363366	0.5899582	NA	PDCD1LG2
163059	ENSG00000197647	46.9820195	-0.1492263	0.27307232	0.45039194	0.67378216	ZNF433
196477	ENSG00000197651	0	NA	NA	NA	NA	CCER1
196385	ENSG00000197653	31.4802143	-0.03053573	0.30481328	0.86754711	0.94194356	DNAH10
283238	ENSG00000197658	0	NA	NA	NA	NA	SLC22A24
NA	ENSG00000197665	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000197670	5.18153268	0.06244514	0.36432679	0.64010825	0.81965584	
NA	ENSG00000197674	0	NA	NA	NA	NA	OR51C1P
388818	ENSG00000197683	0	NA	NA	NA	NA	KRTAP26-1
NA	ENSG00000197692	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CBX3P7
6709	ENSG00000197694	9661.70154	-0.26963825	0.0679409	5.31E-05	0.00043086	SPTAN1
4828	ENSG00000197696	222.678989	0.19046923	0.16086439	0.1919759	0.39408192	NMB
55742	ENSG00000197702	426.513646	0.07693961	0.11646549	0.49013852	0.70978228	PARVA
57565	ENSG00000197705	150.221193	1.59222645	0.21271804	5.56E-15	1.52E-13	KLHL14
254783	ENSG00000197706	0	NA	NA	NA	NA	OR6C74
92689	ENSG00000197712	158.310782	1.49230652	0.26738888	1.77E-09	2.94E-08	FAM114A1
6120	ENSG00000197713	793.900292	-0.11553453	0.09969443	0.22932896	0.44488965	RPE
10794	ENSG00000197714	54.3411729	0.56988767	0.33568954	0.02022755	0.07355471	ZNF460
1379	ENSG00000197721	0	NA	NA	NA	NA	CR1L
5253	ENSG00000197724	1437.25357	0.08130736	0.08085021	0.30392283	0.53126299	PHF2
6231	ENSG00000197728	4250.44369	0.00641397	0.07119763	0.92812426	0.96985158	RPS26
283579	ENSG00000197734	0.16735865	0.01897177	0.38482933	0.78225479	NA	C14orf178
NA	ENSG00000197744	1.56482097	-0.00544317	0.37739752	0.94054094	NA	PTMAP2
404552	ENSG00000197745	0	NA	NA	NA	NA	SCGB1D4
5660	ENSG00000197746	9212.6643	-0.16884805	0.04750647	0.00033726	0.0022744	PSAP
6281	ENSG00000197747	0.173733	0.01914545	0.38484597	0.78225479	NA	S100A10
80217	ENSG00000197748	32.7317276	-0.11486388	0.32071246	0.54263495	0.75070618	CFAP43
222662	ENSG00000197753	101.618311	-0.24956232	0.22442859	0.17632324	0.37081334	LHFPL5
6168	ENSG00000197756	13517.2458	-0.10791917	0.05796531	0.05868445	0.16825136	RPL37A
3223	ENSG00000197757	239.809744	-0.51228849	0.15662954	0.00038328	0.00254917	HOXC6
114112	ENSG00000197763	185.273422	0.27878307	0.18437241	0.08538219	0.22172547	TXNRD3
1675	ENSG00000197766	8.26095679	-0.01238383	0.34958164	0.93072139	0.97111825	CFD
441476	ENSG00000197768	2.422914	0.06671136	0.38173898	0.46613122	NA	STPG3
440738	ENSG00000197769	0.60003487	-0.03562272	0.38653687	0.4387237	NA	MAP1LC3C
79892	ENSG00000197771	1577.40208	-0.15539608	0.07958048	0.04561225	0.13860424	MCMBP
197342	ENSG00000197774	881.848574	0.98106644	0.14671609	3.01E-12	6.65E-11	EME2
122773	ENSG00000197776	49.9256516	-0.18722119	0.3006367	0.35526156	0.58560895	KLHDC1
347344	ENSG00000197779	607.433046	-0.07119995	0.15041008	0.60802789	0.79695264	ZNF81

6884	ENSG00000197780	286.425296	-0.3718552	0.14179797	0.00471114	0.02211763	TAF13
284323	ENSG00000197782	482.934208	-0.62636547	0.13807379	1.52E-06	1.66E-05	ZNF780A
55210	ENSG00000197785	1206.47886	0.09377074	0.08712116	0.2692763	0.49229778	ATAD3A
219965	ENSG00000197786	0	NA	NA	NA	NA	OR5B17
119772	ENSG00000197790	0	NA	NA	NA	NA	OR52M1
NA	ENSG00000197794	0	NA	NA	NA	NA	IGKV7-3
79607	ENSG00000197798	318.873372	0.00985078	0.12767821	0.93576347	0.97325384	FAM118B
92283	ENSG00000197808	161.522447	-0.29370479	0.23517789	0.12250244	0.28962737	ZNF461
NA	ENSG00000197813	3.52794107	0.23358666	0.47921639	0.03878491	0.12260878	
NA	ENSG00000197815	23.053928	-0.21795546	0.34391883	0.2864886	0.51225526	
100499483	ENSG00000197816	68.4578716	0.48289101	0.30170052	0.03312957	0.10851572	CCDC180
23315	ENSG00000197818	444.343719	0.22087301	0.11743832	0.04772913	0.14360721	SLC9A8
100506658	ENSG00000197822	384.801861	0.5845177	0.14318431	1.33E-05	0.00012333	OCLN
255119	ENSG00000197826	0.31710024	-0.00155351	0.38337104	0.99273608	NA	CFAP299
121504	ENSG00000197837	24.555644	0.41199688	0.46667602	0.08455161	0.22028941	H4-16
1553	ENSG00000197838	0	NA	NA	NA	NA	CYP2A13
339318	ENSG00000197841	288.690337	-0.14391274	0.13685976	0.25899531	0.48036523	ZNF181
NA	ENSG00000197847	16.9931649	1.89879433	0.77354018	0.00049472	0.00319506	SLC22A20P
26494	ENSG00000197849	0	NA	NA	NA	NA	OR8G1
55924	ENSG00000197852	410.718624	0.26851365	0.15079068	0.0521826	0.1539026	INKA2
51710	ENSG00000197857	134.359941	0.28417491	0.19965704	0.09820194	0.24587665	ZNF44
8733	ENSG00000197858	1998.94071	0.13272226	0.07140525	0.05850863	0.16796572	GPAA1
9719	ENSG00000197859	1452.87456	0.57548122	0.07754121	3.86E-14	9.84E-13	ADAMTSL2
54557	ENSG00000197860	353.177321	-0.40360114	0.13338544	0.00124069	0.00710808	SGTB
388536	ENSG00000197863	141.969345	-0.25325653	0.22696299	0.17222474	0.36478687	ZNF790
NA	ENSG00000197866	0	NA	NA	NA	NA	OR5M12P
5544	ENSG00000197870	0	NA	NA	NA	NA	PRB3
81553	ENSG00000197872	99.9289679	0.71776249	0.29866622	0.0028332	0.01442779	CYRIA
4641	ENSG00000197879	1505.2315	0.82280562	0.10877811	6.99E-15	1.89E-13	MYO1C
259283	ENSG00000197880	0	NA	NA	NA	NA	MDS2
NA	ENSG00000197882	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR7E13P
28512	ENSG00000197885	477.904934	-0.43719135	0.13879978	0.00073584	0.00451981	NKIRAS1
219958	ENSG00000197887	0	NA	NA	NA	NA	OR1S2
7367	ENSG00000197888	0	NA	NA	NA	NA	UGT2B17
644890	ENSG00000197889	9.01466693	0.04725023	0.35436255	0.74585403	0.8802926	MEIG1
116085	ENSG00000197891	0.51520883	0.03111672	0.38605293	0.47788656	NA	SLC22A12
23303	ENSG00000197892	911.497709	0.13197447	0.10434863	0.18862512	0.38925758	KIF13B
4892	ENSG00000197893	0.18922458	0.01954053	0.38488496	0.78225479	NA	NRAP

128	ENSG00000197894	2418.84874	0.15931906	0.09676339	0.08860668	0.2278031	ADH5
9356	ENSG00000197901	0	NA	NA	NA	NA	SLC22A6
85236	ENSG00000197903	175.607414	-0.52248475	0.17917326	0.00120077	0.0069334	H2BC12
7004	ENSG00000197905	325.803088	-0.68290658	0.13987847	2.48E-07	3.11E-06	TEAD4
6687	ENSG00000197912	2334.57712	0.11467407	0.07986131	0.1421905	0.32093965	SPG7
388697	ENSG00000197915	2.40279159	-0.10350488	0.39420512	0.25412705	NA	HRNR
3439	ENSG00000197919	0	NA	NA	NA	NA	IFNA1
388585	ENSG00000197921	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HES5
NA	ENSG00000197927	1.57908417	-0.0019652	0.37827053	0.97640547	NA	NBEAP2
342926	ENSG00000197928	395.166623	-0.33170314	0.12892598	0.0061457	0.02766124	ZNF677
30001	ENSG00000197930	1448.7654	0.78589174	0.08464808	3.26E-21	1.28E-19	ERO1A
55552	ENSG00000197933	103.24668	-0.24422207	0.25568702	0.21589598	0.42667359	ZNF823
100996571	ENSG00000197934	3.51221084	-0.11707323	0.39525633	0.247172	0.46606087	CYYR1-AS1
282890	ENSG00000197935	0.44956412	-0.02729138	0.38571238	0.56205533	NA	ZNF311
84671	ENSG00000197937	314.4331	0.23975209	0.16378419	0.10499462	0.25832009	ZNF347
79310	ENSG00000197938	0	NA	NA	NA	NA	OR5H2
5336	ENSG00000197943	0	NA	NA	NA	NA	PLCG2
89848	ENSG00000197948	505.65873	0.62775779	0.11526413	1.44E-08	2.13E-07	FCHSD1
58491	ENSG00000197951	559.27917	0.14094807	0.10586453	0.16575256	0.35597865	ZNF71
344752	ENSG00000197953	0	NA	NA	NA	NA	AADAACL2
6277	ENSG00000197956	531.020088	0.80326142	0.111108407	9.02E-14	2.22E-12	S100A6
6136	ENSG00000197958	13253.3119	-0.35966398	0.0540761	2.00E-11	4.12E-10	RPL12
26052	ENSG00000197959	139.30292	-1.21908669	0.22132189	3.40E-09	5.43E-08	DNM3
7675	ENSG00000197961	1108.61813	0.14812225	0.11360604	0.17191331	0.36451957	ZNF121
9019	ENSG00000197965	2795.07067	-0.05487424	0.07136474	0.43340385	0.65865433	MPZL1
23230	ENSG00000197969	1728.11678	-0.111108345	0.10657747	0.2768325	0.50121841	VPS13A
4155	ENSG00000197971	1.18477697	0.01659746	0.37998305	0.7952965	NA	MBP
8227	ENSG00000197976	1744.49181	0.42559266	0.07059324	7.98E-10	1.39E-08	AKAP17A
54898	ENSG00000197977	354.683714	-0.42583224	0.14367762	0.00140093	0.00791414	ELOVL2
440295	ENSG00000197978	1199.94044	0.38510562	0.08687245	5.12E-06	5.12E-05	GOLGA6L9
389170	ENSG00000197980	7.7966061	0.18304268	0.40367865	0.2340562	0.45093611	LEKR1
127687	ENSG00000197982	852.070992	0.11328571	0.08838198	0.18817996	0.38858143	C1orf122
NA	ENSG00000197984	0	NA	NA	NA	NA	OR51A8P
85028	ENSG00000197989	390.881949	-0.0840445	0.12788055	0.48228668	0.70272483	SNHG12
NA	ENSG00000197990	0	NA	NA	NA	NA	ZNF734P
NA	ENSG00000197991	0	NA	NA	NA	NA	
283420	ENSG00000197992	0	NA	NA	NA	NA	CLEC9A
3792	ENSG00000197993	8.72398493	0.37162457	0.59911942	0.03987261	0.12512313	KEL

55035	ENSG00000198000	843.058288	-0.17482993	0.1245004	0.13672993	0.31191797	NOL8
51135	ENSG00000198001	203.242689	0.0656126	0.17079965	0.66917919	0.83726414	IRAK4
115948	ENSG00000198003	43.2869664	0.08014055	0.27665954	0.68230886	0.8449992	ODAD3
9228	ENSG00000198010	7.18519105	-0.22499853	0.44765485	0.11270084	0.27181918	DLGAP2
28977	ENSG00000198015	1542.98232	0.10349084	0.08326467	0.20315575	0.40924055	MRPL42
57089	ENSG00000198018	534.181383	0.08868026	0.11624186	0.42396113	0.64969559	ENTPD7
NA	ENSG00000198019	0.33471731	0.02354391	0.38534154	0.62842204	NA	FCGR1B
30014	ENSG00000198021	0	NA	NA	NA	NA	SPANXA1
NA	ENSG00000198022	0	NA	NA	NA	NA	SAGE2P
63925	ENSG00000198026	624.545987	0.06545583	0.10535211	0.51864955	0.73233273	ZNF335
147741	ENSG00000198028	3.72966254	-0.29129736	0.55510892	0.0092831	0.03900397	ZNF560
7278	ENSG00000198033	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TUBA3C
6191	ENSG00000198034	24610.8826	-0.1354961	0.0499134	0.00610459	0.02751988	RPS4X
10793	ENSG00000198039	416.295424	-0.25478592	0.12457198	0.02999679	0.10030952	ZNF273
7637	ENSG00000198040	1733.96685	0.08277134	0.08841377	0.33623085	0.56617316	ZNF84
84549	ENSG00000198042	757.821249	-0.11404267	0.11630909	0.30212149	0.52960685	MAK16
63934	ENSG00000198046	300.76475	-0.05124205	0.16828609	0.73381297	0.87327664	ZNF667
553	ENSG00000198049	0.50207596	0.02562368	0.38565771	0.52549886	NA	AVPR1B
140885	ENSG00000198053	86.5485941	0.05545036	0.21299579	0.7547103	0.88583526	SIRPA
84677	ENSG00000198054	0	NA	NA	NA	NA	DSCR8
2870	ENSG00000198055	1292.30543	-0.33214605	0.07743124	1.13E-05	0.0001061	GRK6
5557	ENSG00000198056	663.928004	-0.36748261	0.09674386	8.33E-05	0.000646	PRIM1
54708	ENSG00000198060	1044.83291	-0.35408435	0.10094898	0.00026571	0.0018362	MARCHF5
23784	ENSG00000198062	19.9494421	0.01739909	0.30995005	0.92661059	0.96932621	POTEH
613037	ENSG00000198064	94.7066051	0.52708638	0.35987288	0.03348344	0.10951287	NPIPB13
57016	ENSG00000198074	0	NA	NA	NA	NA	AKR1B10
27233	ENSG00000198075	1037.34853	0.60933669	0.08841695	1.65E-12	3.71E-11	SULT1C4
1549	ENSG00000198077	0.37859049	-0.02359453	0.38537326	0.6731922	NA	CYP2A7
7541	ENSG00000198081	287.507088	-0.16402098	0.1480713	0.22841269	0.44363268	ZBTB14
81870	ENSG00000198083	0	NA	NA	NA	NA	KRTAP9-9
23607	ENSG00000198087	345.096189	0.2903903	0.13954573	0.02506718	0.08732798	CD2AP
54830	ENSG00000198088	103.023071	0.34663071	0.22691639	0.06533813	0.18239884	NUP62CL
9814	ENSG00000198089	675.357182	0.1845609	0.11091967	0.08158374	0.21430178	SF11
81871	ENSG00000198090	0	NA	NA	NA	NA	KRTAP4-6
389208	ENSG00000198092	0	NA	NA	NA	NA	TMPRSS11F
65251	ENSG00000198093	220.291904	-0.05306868	0.16935817	0.72558241	0.86866734	ZNF649
127	ENSG00000198099	0.18922458	0.01954053	0.38488496	0.78225479	NA	ADH4
254879	ENSG00000198104	0	NA	NA	NA	NA	OR2T6

57209	ENSG00000198105	620.669499	-0.13873028	0.14542977	0.29934093	0.52631373	ZNF248
NA	ENSG00000198106	26.6206484	-0.24132744	0.34368085	0.24873349	0.46802661	
337876	ENSG00000198108	0	NA	NA	NA	NA	CHSY3
54863	ENSG00000198113	17.745418	-0.05959338	0.32059001	0.74081553	0.87763281	TOR4A
1902	ENSG00000198121	68.706676	1.09672265	0.36314852	0.00023218	0.00162314	LPAR1
4151	ENSG00000198125	3.07656568	-0.04292809	0.37214507	0.68673128	0.84769738	MB
391192	ENSG00000198128	0	NA	NA	NA	NA	OR2L3
245910	ENSG00000198129	0	NA	NA	NA	NA	DEFB107B
503614	ENSG00000198129	0	NA	NA	NA	NA	DEFB107B
26275	ENSG00000198130	464.049455	-0.03585776	0.1088205	0.73032898	0.87106623	HIBCH
27300	ENSG00000198131	12.7350944	-0.18792661	0.37404388	0.30429618	0.53154043	ZNF544
161145	ENSG00000198133	64.5508939	0.15495602	0.25869707	0.42901689	0.65464506	TMEM229B
NA	ENSG00000198134	0	NA	NA	NA	NA	PTMAP9
65124	ENSG00000198142	299.581826	-0.06465402	0.1382088	0.61577148	0.80301072	SOWAHC
54989	ENSG00000198146	1311.11966	-0.54200065	0.09603517	5.83E-09	9.05E-08	ZNF770
NA	ENSG00000198153	23.8830399	-0.46116156	0.45480111	0.06733667	0.18634601	ZNF849P
642280	ENSG00000198155	111.191622	-0.31103636	0.23333328	0.10170346	0.25249251	ZNF876P
728741	ENSG00000198156	9.9070415	-0.00433003	0.35921754	0.97043429	0.98888633	NPIP6
79366	ENSG00000198157	51.545056	2.76058648	0.36603991	2.80E-15	7.86E-14	HMG5
57708	ENSG00000198160	698.683819	0.02666763	0.10071872	0.78476489	0.90204747	MIER1
10905	ENSG00000198162	1314.52378	-0.06763047	0.08693517	0.42371608	0.64959604	MAN1A2
258010	ENSG00000198168	521.025529	-0.16982701	0.11703579	0.12603236	0.29528602	SVIP
90987	ENSG00000198169	489.424921	0.26605683	0.11838891	0.01785906	0.06652719	ZNF251
65992	ENSG00000198171	662.66659	0.00335731	0.10827421	0.97572746	0.99159826	DDR6K1
442444	ENSG00000198173	0	NA	NA	NA	NA	FAM47C
7027	ENSG00000198176	1931.42738	-0.31416043	0.06593546	1.27E-06	1.41E-05	TFDP1
170482	ENSG00000198178	0	NA	NA	NA	NA	CLEC4C
84775	ENSG00000198182	335.993007	-0.01065633	0.13429385	0.9316831	0.9715756	ZNF607
51297	ENSG00000198183	0	NA	NA	NA	NA	BPIFA1
55713	ENSG00000198185	662.208164	-0.38703649	0.11428006	0.00037432	0.00249543	ZNF334
51170	ENSG00000198189	805.15581	-0.08119193	0.09258968	0.3655235	0.59471759	HSD17B11
23334	ENSG00000198198	1654.24756	0.20896962	0.08367259	0.01030753	0.04244527	SZT2
6819	ENSG00000198203	0.66943461	0.03059546	0.38616409	0.42784935	NA	SULT1C2
7789	ENSG00000198205	130.832255	0.21295082	0.19812387	0.21109792	0.42012066	ZXDA
83694	ENSG00000198208	195.693195	-1.20577111	0.23679594	3.31E-08	4.65E-07	RPS6KL1
NA	ENSG00000198211	0	NA	NA	NA	NA	
777	ENSG00000198216	0.32360239	0.00418348	0.38342001	0.93761449	NA	CACNA1E
NA	ENSG00000198217	0	NA	NA	NA	NA	OR51H2P

54870	ENSG00000198218	1997.16814	0.04864874	0.09857527	0.61074655	0.79891947	QRICH1
NA	ENSG00000198221	33.8950485	0.33739955	0.41059653	0.13064872	0.30288275	AFDN-DT
1438	ENSG00000198223	0	NA	NA	NA	NA	CSF2RA
NA	ENSG00000198225	0.49663606	-0.01036196	0.3828476	0.8263336	NA	FKBP1C
11325	ENSG00000198231	4978.72775	-0.02791363	0.07046209	0.68558718	0.8470175	DDX42
NA	ENSG00000198237	208.932401	0.25825855	0.18792834	0.11613056	0.27839903	GUSBP13
6147	ENSG00000198242	6013.89043	-0.13409497	0.06119267	0.02385859	0.08389835	RPL23A
55315	ENSG00000198246	220.277784	-0.19078079	0.15919255	0.18658871	0.38635899	SLC29A3
NA	ENSG00000198251	0	NA	NA	NA	NA	CYP2A7P2
6815	ENSG00000198252	293.6808	0.24521817	0.13563704	0.0526168	0.154792	STYX
59286	ENSG00000198258	1498.39515	0.07283462	0.0718385	0.30218661	0.52967421	UBL5
NA	ENSG00000198261	0	NA	NA	NA	NA	OR5BB1P
9931	ENSG00000198265	2666.11023	-0.27231783	0.07656516	0.00027914	0.001915	HELZ
89894	ENSG00000198270	171.607413	0.01696985	0.18802183	0.91714786	0.96490686	TMEM116
85289	ENSG00000198271	0	NA	NA	NA	NA	KRTAP4-5
54963	ENSG00000198276	1051.12198	0.0504869	0.0905932	0.56702853	0.76856463	UCKL1
NA	ENSG00000198277	0	NA	NA	NA	NA	
219968	ENSG00000198283	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR5B21
255330	ENSG00000198284	0	NA	NA	NA	NA	NUP210P1
84433	ENSG00000198286	42.0597646	-0.39439646	0.40679024	0.09415193	0.23832283	CARD11
220992	ENSG00000198298	151.212527	-0.25458859	0.19554681	0.1316562	0.30440031	ZNF485
5178	ENSG00000198300	624.752108	-0.56200741	0.11773042	5.86E-07	6.92E-06	PEG3
55153	ENSG00000198301	1011.43093	-0.00366763	0.09433461	0.96717516	0.98759962	SDAD1
NA	ENSG00000198312	0.14931947	-0.01844332	0.38480212	0.84537521	NA	BMS1P9
7745	ENSG00000198315	2203.27703	0.03444118	0.0700558	0.6176623	0.80429156	ZKSCAN8
144717	ENSG00000198324	459.702047	-0.01011115	0.14071549	0.93774064	0.97366414	PHETA1
100288797	ENSG00000198326	0.18922458	0.01954053	0.38488496	0.78225479	NA	TMEM239
219844	ENSG00000198331	101.417896	-0.1781836	0.20704166	0.30801698	0.53554973	HYLS1
4635	ENSG00000198336	0.61294449	-0.03619595	0.38660045	0.43128479	NA	MYL4
79973	ENSG00000198342	23.8896358	-0.33603911	0.43669672	0.1220294	0.28884077	ZNF442
126017	ENSG00000198346	177.671882	-0.02500685	0.17615352	0.87238412	0.94419841	ZNF813
3221	ENSG00000198353	540.639701	-0.35415667	0.11439526	0.00113055	0.00656041	HOXC4
340578	ENSG00000198354	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DCAF12L2
415116	ENSG00000198355	1255.32322	-0.64387626	0.0899442	2.22E-13	5.26E-12	PIM3
439	ENSG00000198356	1050.18104	0.32011829	0.10159503	0.00105362	0.00617176	GET3
101928372	ENSG00000198358	0	NA	NA	NA	NA	
444	ENSG00000198363	1043.11008	-0.0922503	0.08917565	0.28691794	0.51278731	ASPH
NA	ENSG00000198367	0	NA	NA	NA	NA	OR7A11P

200734	ENSG00000198369	1693.82808	-0.12326254	0.06893787	0.06871478	0.18899959	SPRED2
11060	ENSG00000198373	752.05824	-0.39852333	0.0961389	1.78E-05	0.00016106	WWP2
2673	ENSG00000198380	713.420784	-0.38417313	0.12103484	0.00079617	0.00485434	GFPT1
7405	ENSG00000198382	398.564253	-0.32508591	0.13366097	0.0092337	0.03882105	UVRAG
140258	ENSG00000198390	0	NA	NA	NA	NA	KRTAP13-1
7574	ENSG00000198393	435.29259	0.23462928	0.16136448	0.10845671	0.26431057	ZNF26
131920	ENSG00000198398	0	NA	NA	NA	NA	TMEM207
50618	ENSG00000198399	751.482202	0.03225326	0.09194238	0.71852928	0.86497305	ITSN2
4914	ENSG00000198400	315.261049	0.01509602	0.14622378	0.91223623	0.96260718	NTRK1
NA	ENSG00000198406	164.382057	0.32394917	0.25263337	0.10506744	0.25840943	BZW1P2
10724	ENSG00000198408	3035.00274	-0.04585223	0.0729367	0.52320596	0.73618679	OGA
NA	ENSG00000198414	0.16735865	0.01897177	0.38482933	0.78225479	NA	TATDN2P1
NA	ENSG00000198416	91.5710988	-0.25316377	0.23098501	0.17769314	0.37286428	ZNF658B
4494	ENSG00000198417	12.8421094	0.23727538	0.41022801	0.20227179	0.4077911	MT1F
9747	ENSG00000198420	5835.12369	-0.08961587	0.06175639	0.14096257	0.31900278	TCAF1
7620	ENSG00000198429	158.079043	-0.15642738	0.17564266	0.31552547	0.54335781	ZNF69
7296	ENSG00000198431	3283.96486	0.2046819	0.07071154	0.00320678	0.01600127	TXNRD1
441478	ENSG00000198435	349.898121	-0.05669339	0.1342288	0.65167818	0.82602754	NRARP
147949	ENSG00000198440	99.0274618	0.06034964	0.20269455	0.72713841	0.86953012	ZNF583
85285	ENSG00000198443	0	NA	NA	NA	NA	KRTAP4-1
150160	ENSG00000198445	0	NA	NA	NA	NA	CCT8L2
NA	ENSG00000198452	0	NA	NA	NA	NA	OR14L1P
374900	ENSG00000198453	312.124317	-0.09155523	0.14515934	0.49408138	0.71286267	ZNF568
NA	ENSG00000198454	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02692
158586	ENSG00000198455	336.61456	0.07080263	0.13368063	0.57152685	0.77168182	ZXDB
147657	ENSG00000198464	467.964414	0.18706864	0.13853908	0.14722493	0.32878688	ZNF480
84914	ENSG00000198466	911.900913	0.0128667	0.09675625	0.89150364	0.95288397	ZNF587
7169	ENSG00000198467	165.877597	0.71664637	0.22054558	0.00023107	0.00161651	TPM2
642946	ENSG00000198468	114.625787	-0.23550874	0.21009114	0.18325032	0.38145907	FLVCR1-DT
344892	ENSG00000198471	0	NA	NA	NA	NA	RTP2
83699	ENSG00000198478	859.610262	-0.90338898	0.10826404	1.12E-17	3.63E-16	SH3BGRL2
388558	ENSG00000198482	234.093874	-0.10790757	0.15985352	0.45935775	0.68256874	ZNF808
148741	ENSG00000198483	0	NA	NA	NA	NA	ANKRD35
192134	ENSG00000198488	0.173124	-0.01911262	0.38486262	0.84537521	NA	B3GNT6
101929106	ENSG00000198491	0	NA	NA	NA	NA	
51441	ENSG00000198492	2092.46723	-0.02939835	0.07967756	0.70537789	0.85803894	YTHDF2
10230	ENSG00000198496	60.5020031	0.19508587	0.2547942	0.32039236	0.54819611	NBR2
55319	ENSG00000198498	420.941921	0.12218688	0.11505538	0.26560782	0.48795885	TMA16

3127	ENSG00000198502	0	NA	NA	NA	NA	HLA-DRB5
51062	ENSG00000198513	399.974539	-0.57935217	0.12629539	1.39E-06	1.54E-05	ATL1
1259	ENSG00000198515	1.3093995	-0.01594918	0.37938199	0.81069756	NA	CNGA1
7975	ENSG00000198517	372.928653	-0.58239517	0.1946797	0.00076357	0.00466845	MAFK
339541	ENSG00000198520	28.8736237	0.1623618	0.32053111	0.41343043	0.64066701	ARMH1
7594	ENSG00000198521	884.977049	-0.40530286	0.0901914	3.67E-06	3.77E-05	ZNF43
11321	ENSG00000198522	1049.08286	0.01461195	0.0817732	0.85469762	0.93485893	GPN1
5350	ENSG00000198523	0.173733	0.01914545	0.38484597	0.78225479	NA	PLN
NA	ENSG00000198526	0	NA	NA	NA	NA	PABPC1P2
145741	ENSG00000198535	1.71937656	-0.06004075	0.38610862	0.36968488	NA	C2CD4A
7576	ENSG00000198538	306.370688	-0.11780645	0.13809501	0.35929375	0.58949503	ZNF28
9358	ENSG00000198542	0	NA	NA	NA	NA	ITGBL1
118472	ENSG00000198546	519.116298	0.04581735	0.10677278	0.65571037	0.82872301	ZNF511
284805	ENSG00000198547	0.16735865	0.01897177	0.38482933	0.78225479	NA	C20orf203
199692	ENSG00000198551	390.736144	-0.13193063	0.13637067	0.29951745	0.52648412	ZNF627
283518	ENSG00000198553	16.8401497	0.10891023	0.33092346	0.55612465	0.76171992	KCNRG
11169	ENSG00000198554	893.711287	0.00717941	0.10060205	0.94134317	0.97559098	WDHD1
NA	ENSG00000198555	1.19523293	-0.00843647	0.38136715	0.87247901	NA	
285989	ENSG00000198556	504.553281	0.14908582	0.14774904	0.27418939	0.49784182	ZNF789
1500	ENSG00000198561	2061.84129	0.00114213	0.08786126	0.99023674	0.99673744	CTNND1
7919	ENSG00000198563	8747.86023	0.21084763	0.05044152	2.46E-05	0.00021609	DDX39B
142680	ENSG00000198569	19.6418446	0.26448499	0.37261992	0.21020321	0.41876008	SLC34A3
343035	ENSG00000198570	1222.62289	-2.48122558	0.0955352	8.01E-150	6.91E-147	RD3
64663	ENSG00000198573	0	NA	NA	NA	NA	SPANXC
117157	ENSG00000198574	0	NA	NA	NA	NA	SH2D1B
23237	ENSG00000198576	393.832363	0.23326066	0.16853354	0.12313039	0.29054555	ARC
NA	ENSG00000198580	6.01350941	-0.05787295	0.36792637	0.63680514	0.81722218	
131870	ENSG00000198585	1323.76538	0.05373801	0.075284	0.46722155	0.69011879	NUDT16
9874	ENSG00000198586	922.779718	0.03782058	0.10152628	0.70019233	0.85541355	TLK1
987	ENSG00000198589	1440.19502	-0.01962834	0.08173127	0.80603962	0.9121533	LRBA
NA	ENSG00000198590	21.1878033	0.9711524	0.61303427	0.00798947	0.03446641	C3orf35
9745	ENSG00000198597	1002.97042	0.63590881	0.10144906	1.01E-10	1.94E-09	ZNF536
4326	ENSG00000198598	181.071728	0.21221092	0.17030857	0.1639553	0.35322761	MMP17
391194	ENSG00000198601	0	NA	NA	NA	NA	OR2M2
11177	ENSG00000198604	2012.25032	0.33314875	0.08867425	0.00010924	0.00082342	BAZ1A
1109	ENSG00000198610	0	NA	NA	NA	NA	AKR1C4
10920	ENSG00000198612	1172.1204	-0.20385569	0.08878149	0.01804281	0.06707314	COPS8
NA	ENSG00000198618	1.81768097	-0.07487825	0.38913232	0.29849152	NA	PPIAP22

26112	ENSG00000198624	13.17697	0.20269175	0.37878616	0.28036615	0.5049178	CCDC69
4194	ENSG00000198625	2275.23389	-0.1814957	0.10268471	0.06562502	0.18299372	MDM4
6262	ENSG00000198626	430.081686	-3.24041039	0.21504379	2.50E-53	2.68E-51	RYR2
147658	ENSG00000198633	2.05190235	0.0763992	0.38703754	0.34516056	NA	ZNF534
55958	ENSG00000198642	1169.42374	-0.15001895	0.08117903	0.05806001	0.16708886	KLHL9
131177	ENSG00000198643	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FAM3D
23054	ENSG00000198646	2012.9477	-0.39258057	0.07873305	3.33E-07	4.10E-06	NCOA6
27347	ENSG00000198648	773.918721	-0.30935616	0.09349698	0.00062322	0.00391285	STK39
6898	ENSG00000198650	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TAT
NA	ENSG00000198658	3.23180956	0.07005272	0.37964132	0.48893868	0.70868961	ABHD17AP1
221477	ENSG00000198663	2493.27337	-0.1502889	0.06329744	0.01596194	0.06062114	C6orf89
801	ENSG00000198668	6427.56432	-0.70605738	0.06040927	3.34E-32	2.03E-30	CALM1
4018	ENSG00000198670	0	NA	NA	NA	NA	LPA
NA	ENSG00000198671	0	NA	NA	NA	NA	
338811	ENSG00000198673	6.39570601	0.25527823	0.48296039	0.05649915	0.16353915	TAFA2
79490	ENSG00000198674	0	NA	NA	NA	NA	OR10G6
9652	ENSG00000198677	2849.86639	-0.2135295	0.0658722	0.00098322	0.00582682	TTC37
NA	ENSG00000198678	0	NA	NA	NA	NA	OR5BS1P
286319	ENSG00000198680	334.887738	0.22272148	0.14241298	0.09153281	0.23357054	TUSC1
4100	ENSG00000198681	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MAGEA1
9060	ENSG00000198682	57.5197515	0.35065108	0.29158367	0.10309614	0.25507263	PAPSS2
23434	ENSG00000198685	0.68219046	0.04060292	0.38717358	0.35756446	NA	LINC01565
10479	ENSG00000198689	422.712602	-0.26334839	0.13488096	0.03607249	0.11601202	SLC9A6
22909	ENSG00000198690	1291.24806	0.00022067	0.0965905	0.99912696	0.99962651	FAN1
24	ENSG00000198691	0.747933	0.01552071	0.38292809	0.7287086	NA	ABCA4
9086	ENSG00000198692	0	NA	NA	NA	NA	EIF1AY
4541	ENSG00000198695	9202.72782	-0.02403816	0.09646349	0.79672647	0.90658744	MT-ND6
55705	ENSG00000198700	5452.62862	-0.11933186	0.07525591	0.1053298	0.25877695	IPO9
NA	ENSG00000198703	0	NA	NA	NA	NA	OR10R3P
257202	ENSG00000198704	0	NA	NA	NA	NA	GPX6
80184	ENSG00000198707	1008.39569	0.14130658	0.11122836	0.18412829	0.3826844	CEP290
619518	ENSG00000198711	56.6295732	0.05858466	0.24349905	0.75732794	0.88697677	SSBP3-AS1
4513	ENSG00000198712	98080.0834	0.43628689	0.07477176	1.76E-09	2.93E-08	MT-CO2
112770	ENSG00000198715	693.886299	0.22420604	0.10787489	0.02989032	0.10005012	GLMP
23116	ENSG00000198718	220.297447	-0.02620079	0.18365707	0.86957233	0.94311021	TOGARAM1
28514	ENSG00000198719	62.2257167	3.28474291	0.37725529	2.77E-19	9.95E-18	DLL1
124930	ENSG00000198720	2476.38341	0.25668876	0.06436143	5.12E-05	0.00041735	ANKRD13B
10455	ENSG00000198721	553.420737	0.22505178	0.11972456	0.04736243	0.14263366	ECI2

10497	ENSG00000198722	1321.82054	-0.02318705	0.07396085	0.74711021	0.88120985	UNC13B
374877	ENSG00000198723	37.7988345	0.13194192	0.28842252	0.50629792	0.72198309	TEX45
4519	ENSG00000198727	57491.1905	-0.16247671	0.06028146	0.00631659	0.02830836	MT-CYB
8861	ENSG00000198728	3378.67561	0.31830041	0.05762432	2.23E-08	3.21E-07	LDB1
81706	ENSG00000198729	0	NA	NA	NA	NA	PPP1R14C
9646	ENSG00000198730	2344.62192	0.04286331	0.07508117	0.56143209	0.76492328	CTR9
64093	ENSG00000198732	43.0363606	0.08911869	0.28637925	0.64748925	0.82430661	SMOC1
2153	ENSG00000198734	0	NA	NA	NA	NA	F5
51734	ENSG00000198736	294.305987	-0.19270404	0.13301436	0.12119155	0.2874665	MSRB1
NA	ENSG00000198738	0	NA	NA	NA	NA	SMIM11P1
347731	ENSG00000198739	0	NA	NA	NA	NA	LRRTM3
22834	ENSG00000198740	828.478201	-0.27634918	0.103333	0.00532848	0.02455678	ZNF652
57154	ENSG00000198742	1036.01847	-0.12585837	0.08146128	0.11344919	0.27329189	SMURF1
6526	ENSG00000198743	637.701612	-0.14244775	0.10553531	0.15945464	0.34700764	SLC5A3
NA	ENSG00000198744	2.8638861	0.0603525	0.37583909	0.56704884	0.76856463	MTCO3P12
63906	ENSG00000198746	227.918208	0.16686533	0.18851955	0.31009672	0.53778389	GPATCH3
9578	ENSG00000198752	3254.9315	-0.06169795	0.08516678	0.45671299	0.68021813	CDC42BPB
5365	ENSG00000198753	371.114115	-0.95409588	0.15371297	7.37E-11	1.43E-09	PLXNB3
64064	ENSG00000198754	41.8092442	-0.79718251	0.43532147	0.00779238	0.03376301	OXCT2
4736	ENSG00000198755	11673.3115	-0.11924827	0.05325076	0.02364198	0.08332657	RPL10A
23127	ENSG00000198756	201.966325	0.21285477	0.16569903	0.15423132	0.3394719	COLGALT2
79574	ENSG00000198758	0	NA	NA	NA	NA	EPS8L3
25975	ENSG00000198759	0.15069912	-0.01848503	0.38480575	0.84537521	NA	EGFL6
4536	ENSG00000198763	72947.0136	-0.27663529	0.09010233	0.00177498	0.00966134	MT-ND2
6847	ENSG00000198765	0	NA	NA	NA	NA	SYCP1
164284	ENSG00000198768	0.69958169	0.02707939	0.38367853	0.57143862	NA	APCDD1L
92241	ENSG00000198771	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RCSD1
9182	ENSG00000198774	2.63218231	0.11061433	0.39563201	0.24820236	0.46741467	RASSF9
26049	ENSG00000198780	351.067587	-0.80140384	0.13537856	5.90E-10	1.05E-08	FAM169A
91603	ENSG00000198783	376.726368	0.26305345	0.12657513	0.0273481	0.09334015	ZNF830
116443	ENSG00000198785	15.3716447	-0.10391541	0.33476068	0.56373653	0.76632633	GRIN3A
4540	ENSG00000198786	51500.145	-0.08368088	0.07474662	0.25819409	0.47950675	MT-ND5
NA	ENSG00000198787	0	NA	NA	NA	NA	OR7E103P
4583	ENSG00000198788	0	NA	NA	NA	NA	MUC2
29883	ENSG00000198791	2075.92493	-0.38257163	0.07803807	5.18E-07	6.16E-06	CNOT7
25829	ENSG00000198792	524.073847	-0.16791953	0.11039575	0.1112917	0.26948227	TMEM184B
2475	ENSG00000198793	2567.9306	-0.02842896	0.0844503	0.72923896	0.87047115	MTOR
192683	ENSG00000198794	2215.46485	-0.65094197	0.06814999	3.42E-22	1.42E-20	SCAMP5

25925	ENSG00000198795	453.689888	0.38456198	0.14601957	0.00444344	0.02108533	ZNF521
115701	ENSG00000198796	5.61411006	5.86194866	2.66817996	7.17E-05	0.00056753	ALPK2
57795	ENSG00000198797	53.214555	-3.2226162	0.45289673	7.59E-14	1.88E-12	BRINP2
4114	ENSG00000198798	0	NA	NA	NA	NA	MAGEB3
9860	ENSG00000198799	541.16988	-0.30050379	0.11897287	0.00768071	0.0333547	LRIG2
4512	ENSG00000198804	265616.416	0.13758536	0.04548416	0.00234593	0.01227733	MT-CO1
4860	ENSG00000198805	863.62433	-0.32851166	0.08788843	0.00011843	0.00088464	PNP
5083	ENSG00000198807	0	NA	NA	NA	NA	PAX9
376132	ENSG00000198812	0	NA	NA	NA	NA	LRRC10
2710	ENSG00000198814	201.076396	0.05830863	0.15939262	0.68879707	0.8489088	GK
22887	ENSG00000198815	1751.15486	-0.11609742	0.08732053	0.17144436	0.36389846	FOXJ3
140467	ENSG00000198816	1564.19847	0.10993127	0.07435155	0.13307696	0.30657768	ZNF358
113402	ENSG00000198818	456.337563	1.02695159	0.12063249	2.22E-18	7.65E-17	SFT2D1
919	ENSG00000198821	5.51154977	-0.08749626	0.37200881	0.50165816	0.71856283	CD247
2913	ENSG00000198822	9.16615361	-0.01948325	0.34759274	0.89470679	0.95456012	GRM3
283489	ENSG00000198824	956.737779	-0.45676475	0.10129085	2.85E-06	2.99E-05	CHAMP1
22876	ENSG00000198825	2742.29961	-0.19938626	0.07174722	0.00459507	0.0216598	INPP5F
9824	ENSG00000198826	2254.914	-0.59135681	0.12120107	3.16E-07	3.89E-06	ARHGAP11A
56670	ENSG00000198829	0	NA	NA	NA	NA	SUCNR1
3151	ENSG00000198830	9112.33729	-0.46333062	0.05136866	8.51E-20	3.13E-18	HMG2
140606	ENSG00000198832	250.777898	0.18615459	0.15509778	0.18897766	0.38974187	SELENOM
51465	ENSG00000198833	1084.14498	-0.1785153	0.08004856	0.02239762	0.07975033	UBE2J1
57165	ENSG00000198835	27.869716	0.0370979	0.29031898	0.84807176	0.93095493	GJC2
4976	ENSG00000198836	1840.15507	-0.54835869	0.09724563	5.92E-09	9.18E-08	OPA1
9909	ENSG00000198837	2555.70492	0.08990513	0.07646714	0.23041296	0.44633794	DENND4B
6263	ENSG00000198838	30.8325622	-0.25059848	0.33962225	0.23339245	0.45030693	RYS3
11179	ENSG00000198839	452.356912	-0.35317032	0.11991093	0.00186986	0.01010294	ZNF277
4537	ENSG00000198840	10161.8723	-0.10582789	0.08734311	0.21296258	0.42289836	MT-ND3
112970	ENSG00000198841	230.746342	0.11889168	0.15320921	0.39765051	0.62683824	KTI12
92235	ENSG00000198842	0	NA	NA	NA	NA	STYXL2
51714	ENSG00000198843	716.682826	-0.25452419	0.13055541	0.03715676	0.11878666	SELENOT
22899	ENSG00000198844	0.16735865	0.01897177	0.38482933	0.78225479	NA	ARHGEF15
9760	ENSG00000198846	938.451958	0.05090143	0.08283305	0.53135538	0.7427669	TOX
1066	ENSG00000198848	0	NA	NA	NA	NA	CES1
916	ENSG00000198851	0	NA	NA	NA	NA	CD3E
9853	ENSG00000198853	892.678664	-0.05579578	0.10701445	0.58540616	0.78132918	RUSC2
100129271	ENSG00000198854	0	NA	NA	NA	NA	C1orf68
11153	ENSG00000198855	72.3927849	0.21051123	0.24049101	0.27170719	0.495102	FICD

58505	ENSG00000198856	924.732818	0.15373391	0.08600668	0.06646284	0.18460348	OSTC
NA	ENSG00000198857	1.50088203	-0.00795158	0.37605697	0.92070917	NA	HSD3BP5
91300	ENSG00000198858	621.630992	0.29063411	0.10124823	0.00285015	0.01450666	R3HDM4
116461	ENSG00000198860	898.444873	0.18245219	0.09042951	0.03765416	0.11997086	TSEN15
26046	ENSG00000198862	1337.45313	-0.30115298	0.08912385	0.00049596	0.003201	LTN1
146923	ENSG00000198863	433.485232	-0.1436491	0.11858668	0.20164965	0.40711601	RUNDC1
100129792	ENSG00000198865	354.215428	-0.08528275	0.14680044	0.52800861	0.73970419	CCDC152
NA	ENSG00000198868	0.32417112	-0.02327578	0.38532176	0.66840881	NA	MTND4LP30
169436	ENSG00000198870	29.7380799	-0.34590324	0.37014878	0.12766441	0.29808895	STKLD1
2869	ENSG00000198873	349.780582	-0.44998182	0.14145626	0.00063772	0.00398436	GRK5
55253	ENSG00000198874	566.458803	-0.02963058	0.10496638	0.76696016	0.89261979	TYW1
25853	ENSG00000198876	1677.16778	0.14945163	0.07095561	0.03202811	0.10562461	DCAF12
57713	ENSG00000198879	878.743796	-2.18249145	0.10206281	1.29E-102	4.07E-100	SFMBT2
142689	ENSG00000198881	2.69770731	0.13763045	0.40995838	0.14386669	0.3234718	ASB12
114824	ENSG00000198883	0	NA	NA	NA	NA	PNMA5
150771	ENSG00000198885	501.323514	-0.15938317	0.12582015	0.17882173	0.37479645	ITPRIPL1
4538	ENSG00000198886	104890.627	0.0843407	0.05504274	0.10788698	0.26339503	MT-ND4
23137	ENSG00000198887	1059.4413	-0.26188455	0.11217805	0.01426298	0.05539728	SMC5
4535	ENSG00000198888	45730.9262	-0.20497941	0.07851728	0.00768492	0.03336297	MT-ND1
139170	ENSG00000198889	0	NA	NA	NA	NA	DCAF12L1
55170	ENSG00000198890	1358.03713	-0.21783373	0.08984974	0.01243607	0.04962421	PRMT6
149345	ENSG00000198892	161.548455	0.06105297	0.17386987	0.69483418	0.85248347	SHISA4
85457	ENSG00000198894	597.595184	-0.23910587	0.12654997	0.04456473	0.13608807	CIPC
830	ENSG00000198898	1385.28356	-0.3206051	0.1112783	0.00251957	0.01306199	CAPZA2
4508	ENSG00000198899	57837.5034	0.05842909	0.07199323	0.40909552	0.63710637	MT-ATP6
7150	ENSG00000198900	2714.06263	-0.15423253	0.07576685	0.03753467	0.11968626	TOP1
9055	ENSG00000198901	3574.19917	-0.19308766	0.07958586	0.01294215	0.05127242	PRC1
80823	ENSG00000198908	204.162652	-0.62982475	0.22966541	0.00143782	0.00808111	BHLHB9
4215	ENSG00000198909	1317.9889	-0.17503486	0.10116645	0.07213562	0.19564875	MAP3K3
3897	ENSG00000198910	4384.36524	-2.59167258	0.07836554	3.54E-241	1.17E-237	L1CAM
6721	ENSG00000198911	4762.58512	-0.40384699	0.07291835	1.62E-08	2.37E-07	SREBF2
339448	ENSG00000198912	551.801202	0.03509184	0.11120521	0.74256255	0.87870936	C1orf174
5455	ENSG00000198914	260.263113	4.90564279	0.24849302	1.59E-87	3.71E-85	POU3F3
221002	ENSG00000198915	1.00287065	-6.68E-05	0.37920934	0.9991813	NA	RASGEF1A
51490	ENSG00000198917	1067.21663	0.11400414	0.09922489	0.23460022	0.45153942	SPOUT1
6170	ENSG00000198918	10130.3335	-0.08102999	0.05988478	0.17008284	0.36191941	RPL39
9666	ENSG00000198919	1028.35495	-0.13218797	0.09909899	0.1660398	0.35628699	DZIP3
9851	ENSG00000198920	570.051545	-0.16620697	0.13079838	0.17478702	0.36863767	KIAA0753

NA	ENSG00000198923	0	NA	NA	NA	NA	
9937	ENSG00000198924	611.740924	-0.47854731	0.12620449	5.73E-05	0.00046135	DCLRE1A
79065	ENSG00000198925	1197.06118	0.06798105	0.08307931	0.4012791	0.62960674	ATG9A
9722	ENSG00000198929	270.50543	-1.2712507	0.15682517	5.19E-17	1.60E-15	NOS1AP
158511	ENSG00000198930	424.150097	-0.38353618	0.12447478	0.00110254	0.00642609	CSAG1
353	ENSG00000198931	800.591211	0.13466852	0.09618434	0.14795746	0.33012187	APRT
9737	ENSG00000198932	402.050694	-0.37845329	0.12522466	0.00134794	0.00764088	GPRASP1
9755	ENSG00000198933	1091.10619	0.1705198	0.08254336	0.03423663	0.11149947	TBKBP1
57692	ENSG00000198934	148.444315	0.17601697	0.1801914	0.26907585	0.49211513	MAGEE1
154467	ENSG00000198937	568.906753	-0.36130532	0.103042	0.0002624	0.00181772	CCDC167
4514	ENSG00000198938	98239.8613	-0.09426941	0.06653311	0.15323606	0.33804794	MT-CO3
80108	ENSG00000198939	14.6130443	0.22213159	0.39955956	0.22950554	0.44510165	ZFP2
134548	ENSG00000198944	14.232951	-0.06736075	0.33273245	0.69753303	0.85389371	SOWAHA
84456	ENSG00000198945	168.766827	0.17105031	0.17602308	0.27470456	0.49850348	L3MBTL3
1756	ENSG00000198947	552.615257	1.48368943	0.1563498	1.93E-22	8.14E-21	DMD
9848	ENSG00000198948	219.869689	-0.26492217	0.24895932	0.1756084	0.36978038	MFAP3L
101928198	ENSG00000198948	219.869689	-0.26492217	0.24895932	0.1756084	0.36978038	MFAP3L
4668	ENSG00000198951	312.491905	0.01648413	0.13402681	0.89668482	0.95469109	NAGA
23381	ENSG00000198952	3653.8172	0.20319539	0.05776548	0.00037079	0.00247606	SMG5
26128	ENSG00000198954	513.611153	-0.15897169	0.11538498	0.14716089	0.32869736	KIFBP
7052	ENSG00000198959	306.996327	2.87852525	0.20484535	2.80E-46	2.50E-44	TGM2
54470	ENSG00000198960	415.435884	0.12059364	0.1160734	0.27571295	0.49980793	ARMCX6
9867	ENSG00000198961	1669.2489	-0.43793381	0.07928566	1.59E-08	2.34E-07	PJA2
6096	ENSG00000198963	1167.3719	-0.65926036	0.09073067	9.58E-14	2.35E-12	RORB
259230	ENSG00000198964	171.726866	-0.22634687	0.18189595	0.15708985	0.34385069	SGMS1
343406	ENSG00000198965	0	NA	NA	NA	NA	OR10R2
128368	ENSG00000198967	0	NA	NA	NA	NA	OR10Z1
406887	ENSG00000198972	0	NA	NA	NA	NA	MIRLET7E
494324	ENSG00000198973	0	NA	NA	NA	NA	MIR375
407034	ENSG00000198974	0	NA	NA	NA	NA	MIR30E
406882	ENSG00000198975	0	NA	NA	NA	NA	MIRLET7A2
554210	ENSG00000198976	0	NA	NA	NA	NA	MIR429
494329	ENSG00000198982	0	NA	NA	NA	NA	MIR380
554213	ENSG00000198983	0	NA	NA	NA	NA	MIR449A
442910	ENSG00000198984	0	NA	NA	NA	NA	MIR345
406951	ENSG00000198987	0	NA	NA	NA	NA	MIR16-2
442908	ENSG00000198995	0	NA	NA	NA	NA	MIR340
406901	ENSG00000198997	0	NA	NA	NA	NA	MIR107

554212	ENSG00000199001	0	NA	NA	NA	NA	MIR448
442915	ENSG00000199005	0	NA	NA	NA	NA	MIR370
574433	ENSG00000199012	0	NA	NA	NA	NA	MIR412
494326	ENSG00000199015	0	NA	NA	NA	NA	MIR377
406904	ENSG00000199017	0	NA	NA	NA	NA	MIR1-1
494330	ENSG00000199020	0	NA	NA	NA	NA	MIR381
442907	ENSG00000199023	0	NA	NA	NA	NA	MIR339
406896	ENSG00000199024	0	NA	NA	NA	NA	MIR103A2
442914	ENSG00000199025	0	NA	NA	NA	NA	MIR369
406885	ENSG00000199030	0	NA	NA	NA	NA	MIRLET7C
442916	ENSG00000199031	0	NA	NA	NA	NA	MIR371A
494337	ENSG00000199032	0	NA	NA	NA	NA	MIR425
406895	ENSG00000199035	0	NA	NA	NA	NA	MIR103A1
407002	ENSG00000199036	0	NA	NA	NA	NA	MIR219A1
406992	ENSG00000199038	0	NA	NA	NA	NA	MIR210
442904	ENSG00000199043	0	NA	NA	NA	NA	MIR335
494327	ENSG00000199047	0	NA	NA	NA	NA	MIR378A
494323	ENSG00000199051	0	NA	NA	NA	NA	MIR361
442898	ENSG00000199053	0	NA	NA	NA	NA	MIR324
442891	ENSG00000199059	0	NA	NA	NA	NA	MIR135B
406894	ENSG00000199065	0	NA	NA	NA	NA	MIR101-2
442897	ENSG00000199069	0	NA	NA	NA	NA	MIR323A
406888	ENSG00000199072	0	NA	NA	NA	NA	MIRLET7F1
407015	ENSG00000199075	0	NA	NA	NA	NA	MIR26A1
406918	ENSG00000199077	0	NA	NA	NA	NA	MIR129-2
442890	ENSG00000199080	0	NA	NA	NA	NA	MIR133B
442909	ENSG00000199082	0	NA	NA	NA	NA	MIR342
406940	ENSG00000199085	0	NA	NA	NA	NA	MIR148A
494328	ENSG00000199088	0	NA	NA	NA	NA	MIR379
442900	ENSG00000199090	0	NA	NA	NA	NA	MIR326
574434	ENSG00000199092	0	NA	NA	NA	NA	MIR410
407032	ENSG00000199094	0	NA	NA	NA	NA	MIR30C2
442917	ENSG00000199095	0	NA	NA	NA	NA	MIR372
442895	ENSG00000199102	0	NA	NA	NA	NA	MIR302C
442911	ENSG00000199104	0	NA	NA	NA	NA	MIR346
574413	ENSG00000199107	0	NA	NA	NA	NA	MIR409
693121	ENSG00000199109	0	NA	NA	NA	NA	MIR411
407017	ENSG00000199121	0	NA	NA	NA	NA	MIR26B

442892	ENSG00000199122	0	NA	NA	NA	NA	MIR148B
494332	ENSG00000199127	0	NA	NA	NA	NA	MIR383
100126355	ENSG00000199130	0	NA	NA	NA	NA	MIR365A
554214	ENSG00000199132	0	NA	NA	NA	NA	MIR450A1
406886	ENSG00000199133	0	NA	NA	NA	NA	MIRLET7D
406893	ENSG00000199135	0	NA	NA	NA	NA	MIR101-1
442918	ENSG00000199143	0	NA	NA	NA	NA	MIR373
442896	ENSG00000199145	0	NA	NA	NA	NA	MIR302D
406890	ENSG00000199150	0	NA	NA	NA	NA	MIRLET7G
442905	ENSG00000199151	0	NA	NA	NA	NA	MIR337
407033	ENSG00000199153	0	NA	NA	NA	NA	MIR30D
494334	ENSG00000199156	0	NA	NA	NA	NA	MIR422A
406990	ENSG00000199157	0	NA	NA	NA	NA	MIR208A
407053	ENSG00000199158	0	NA	NA	NA	NA	MIR96
406913	ENSG00000199161	0	NA	NA	NA	NA	MIR126
406881	ENSG00000199165	0	NA	NA	NA	NA	MIRLET7A1
442919	ENSG00000199168	0	NA	NA	NA	NA	MIR374A
442912	ENSG00000199169	0	NA	NA	NA	NA	MIR367
442903	ENSG00000199172	0	NA	NA	NA	NA	MIR331
407035	ENSG00000199177	0	NA	NA	NA	NA	MIR31
406891	ENSG00000199179	0	NA	NA	NA	NA	MIRLET7I
NA	ENSG00000199196	0	NA	NA	NA	NA	
NA	ENSG00000199197	0	NA	NA	NA	NA	RN7SKP72
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NA	ENSG00000199202	0	NA	NA	NA	NA	RNA5SP289
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NA	ENSG00000199204	0	NA	NA	NA	NA	
26766	ENSG00000199212	0	NA	NA	NA	NA	RNU105C
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NA	ENSG00000199218	0	NA	NA	NA	NA	RN7SKP184
NA	ENSG00000199219	0	NA	NA	NA	NA	RNU6-500P
NA	ENSG00000199220	0	NA	NA	NA	NA	
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NA	ENSG00000199231	0	NA	NA	NA	NA	

NA	ENSG00000199237	0	NA	NA	NA	NA	RNU6-834P
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NA	ENSG00000199241	0	NA	NA	NA	NA	
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NA	ENSG00000199248	0	NA	NA	NA	NA	RNU6-28P
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NA	ENSG00000199260	0	NA	NA	NA	NA	RNU6-874P
NA	ENSG00000199263	0	NA	NA	NA	NA	
NA	ENSG00000199266	0	NA	NA	NA	NA	SNORA60
NA	ENSG00000199272	0	NA	NA	NA	NA	RNU6-349P
NA	ENSG00000199273	0	NA	NA	NA	NA	
NA	ENSG00000199276	0	NA	NA	NA	NA	RNA5SP26
NA	ENSG00000199279	0	NA	NA	NA	NA	RNU6-661P
NA	ENSG00000199282	0	NA	NA	NA	NA	
NA	ENSG00000199283	0	NA	NA	NA	NA	RNU1-58P
NA	ENSG00000199285	0	NA	NA	NA	NA	
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NA	ENSG00000199289	0	NA	NA	NA	NA	RNU6-502P
NA	ENSG00000199290	0	NA	NA	NA	NA	
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NA	ENSG00000199295	0	NA	NA	NA	NA	RNU6-1312P
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NA	ENSG00000199301	0	NA	NA	NA	NA	RNU6-208P
NA	ENSG00000199303	0	NA	NA	NA	NA	
NA	ENSG00000199306	0	NA	NA	NA	NA	RNU6-858P
NA	ENSG00000199308	0	NA	NA	NA	NA	RNU6-222P
100033808	ENSG00000199311	0	NA	NA	NA	NA	SNORD115-34
NA	ENSG00000199313	0	NA	NA	NA	NA	RNU4-82P
NA	ENSG00000199315	0	NA	NA	NA	NA	RNA5SP347
NA	ENSG00000199318	0	NA	NA	NA	NA	RNA5SP52
NA	ENSG00000199319	0.173124	-0.01911262	0.38486262	0.84537521	NA	RN7SKP25
NA	ENSG00000199321	0	NA	NA	NA	NA	
NA	ENSG00000199322	0	NA	NA	NA	NA	RNA5SP183
NA	ENSG00000199325	0	NA	NA	NA	NA	RNU4-39P
NA	ENSG00000199326	0	NA	NA	NA	NA	RNU6-1298P
NA	ENSG00000199327	0	NA	NA	NA	NA	RNU6-230P

NA	ENSG00000199331	0	NA	NA	NA	NA	
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NA	ENSG00000199335	0	NA	NA	NA	NA	RNU6-204P
NA	ENSG00000199347	0	NA	NA	NA	NA	RNU5E-1
NA	ENSG00000199348	0	NA	NA	NA	NA	RNU6-766P
NA	ENSG00000199349	0	NA	NA	NA	NA	
NA	ENSG00000199350	0	NA	NA	NA	NA	RNA5SP432
100169751	ENSG00000199352	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RNA5S1
NA	ENSG00000199354	0	NA	NA	NA	NA	RNA5SP273
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NA	ENSG00000199360	0	NA	NA	NA	NA	RNU6-1115P
NA	ENSG00000199361	0	NA	NA	NA	NA	RNU1-150P
NA	ENSG00000199362	0	NA	NA	NA	NA	
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NA	ENSG00000199364	0	NA	NA	NA	NA	RNA5SP327
NA	ENSG00000199366	0	NA	NA	NA	NA	
NA	ENSG00000199368	0	NA	NA	NA	NA	RNU6-1084P
NA	ENSG00000199370	0	NA	NA	NA	NA	
NA	ENSG00000199373	0	NA	NA	NA	NA	RNA5SP453
26828	ENSG00000199377	0	NA	NA	NA	NA	RNU5F-1
NA	ENSG00000199378	0	NA	NA	NA	NA	
NA	ENSG00000199381	0	NA	NA	NA	NA	RNU6-79P
NA	ENSG00000199385	0	NA	NA	NA	NA	RNU6-369P
767583	ENSG00000199390	0	NA	NA	NA	NA	SNORD114-7
NA	ENSG00000199392	0	NA	NA	NA	NA	
NA	ENSG00000199394	0	NA	NA	NA	NA	RNU6-600P
NA	ENSG00000199395	0	NA	NA	NA	NA	RNA5SP93
NA	ENSG00000199398	0	NA	NA	NA	NA	
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109617001	ENSG00000199405	0	NA	NA	NA	NA	SNORA1B
NA	ENSG00000199407	0	NA	NA	NA	NA	RNA5SP301
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NA	ENSG00000199424	0	NA	NA	NA	NA	
NA	ENSG00000199426	0	NA	NA	NA	NA	RNU1-108P
692053	ENSG00000199436	0	NA	NA	NA	NA	SNORD9
NA	ENSG00000199440	0	NA	NA	NA	NA	
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NA	ENSG00000199446	0	NA	NA	NA	NA	RNU6-543P
NA	ENSG00000199448	0	NA	NA	NA	NA	RNU6-845P
NA	ENSG00000199450	0	NA	NA	NA	NA	RNA5SP276
NA	ENSG00000199454	0	NA	NA	NA	NA	RNA5SP388
NA	ENSG00000199455	0	NA	NA	NA	NA	RNA5SP191
NA	ENSG00000199458	0	NA	NA	NA	NA	RNU4-35P
NA	ENSG00000199459	0	NA	NA	NA	NA	
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NA	ENSG00000199461	0	NA	NA	NA	NA	
NA	ENSG00000199466	0	NA	NA	NA	NA	
NA	ENSG00000199468	0	NA	NA	NA	NA	RNU6-556P
NA	ENSG00000199469	0	NA	NA	NA	NA	RNU1-62P
NA	ENSG00000199470	0	NA	NA	NA	NA	
NA	ENSG00000199471	0	NA	NA	NA	NA	
NA	ENSG00000199472	0	NA	NA	NA	NA	
NA	ENSG00000199473	0	NA	NA	NA	NA	
NA	ENSG00000199474	0	NA	NA	NA	NA	
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NA	ENSG00000199476	0	NA	NA	NA	NA	
677814	ENSG00000199477	0	NA	NA	NA	NA	SNORA31
NA	ENSG00000199480	0	NA	NA	NA	NA	RNA5SP389
NA	ENSG00000199482	0	NA	NA	NA	NA	RNU6-633P
NA	ENSG00000199483	0	NA	NA	NA	NA	RNU4-15P
NA	ENSG00000199487	0	NA	NA	NA	NA	
NA	ENSG00000199488	0	NA	NA	NA	NA	RNU1-70P
100033801	ENSG00000199489	0	NA	NA	NA	NA	SNORD115-25
NA	ENSG00000199490	0	NA	NA	NA	NA	
NA	ENSG00000199492	0	NA	NA	NA	NA	RNU6-1313P
NA	ENSG00000199497	0.173733	0.01914545	0.38484597	0.78225479	NA	RNU1-94P
NA	ENSG00000199506	0	NA	NA	NA	NA	RNU6-247P
NA	ENSG00000199508	0	NA	NA	NA	NA	RNA5SP110
NA	ENSG00000199509	0	NA	NA	NA	NA	RNA5SP477

NA	ENSG00000199512	0	NA	NA	NA	NA	RNU6-212P
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NA	ENSG00000199515	0	NA	NA	NA	NA	
NA	ENSG00000199516	0	NA	NA	NA	NA	
NA	ENSG00000199520	0	NA	NA	NA	NA	RNU6-386P
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NA	ENSG00000199529	0	NA	NA	NA	NA	RNU6-462P
NA	ENSG00000199530	0	NA	NA	NA	NA	
NA	ENSG00000199535	0	NA	NA	NA	NA	RNA5SP305
NA	ENSG00000199536	0	NA	NA	NA	NA	RNU6-315P
NA	ENSG00000199540	0	NA	NA	NA	NA	
NA	ENSG00000199545	0	NA	NA	NA	NA	RNA5SP195
NA	ENSG00000199546	0	NA	NA	NA	NA	
NA	ENSG00000199550	0	NA	NA	NA	NA	
NA	ENSG00000199551	0	NA	NA	NA	NA	RNU6-545P
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26831	ENSG00000199568	0	NA	NA	NA	NA	RNU5A-1
NA	ENSG00000199570	0	NA	NA	NA	NA	RNU6-228P
NA	ENSG00000199571	0	NA	NA	NA	NA	
NA	ENSG00000199572	0	NA	NA	NA	NA	RNA5SP174
595100	ENSG00000199574	0	NA	NA	NA	NA	SNORD18C
767577	ENSG00000199575	0	NA	NA	NA	NA	SNORD114-1
NA	ENSG00000199577	0	NA	NA	NA	NA	RNU6-822P
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NA	ENSG00000199592	0	NA	NA	NA	NA	RNA5SP321
767592	ENSG00000199593	0	NA	NA	NA	NA	SNORD114-14
NA	ENSG00000199594	0	NA	NA	NA	NA	RNU6-1301P
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NA	ENSG00000199598	0	NA	NA	NA	NA	RNU6-859P
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NA	ENSG00000199626	0	NA	NA	NA	NA	RNU6-989P
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26818	ENSG00000199631	0	NA	NA	NA	NA	SNORD33
NA	ENSG00000199633	0	NA	NA	NA	NA	
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NA	ENSG00000199636	0	NA	NA	NA	NA	
NA	ENSG00000199638	0	NA	NA	NA	NA	RNA5SP319
NA	ENSG00000199640	0	NA	NA	NA	NA	RN7SKP294
NA	ENSG00000199643	0	NA	NA	NA	NA	RNU4-90P
NA	ENSG00000199645	0	NA	NA	NA	NA	RNU6-1330P
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109616984	ENSG00000199666	0	NA	NA	NA	NA	SNORD3G
NA	ENSG00000199667	0	NA	NA	NA	NA	
NA	ENSG00000199668	0	NA	NA	NA	NA	
NA	ENSG00000199672	0	NA	NA	NA	NA	RNU4-21P
NA	ENSG00000199673	0	NA	NA	NA	NA	SNORD16
NA	ENSG00000199674	0	NA	NA	NA	NA	RNU6-862P
NA	ENSG00000199676	0	NA	NA	NA	NA	
NA	ENSG00000199677	0	NA	NA	NA	NA	
NA	ENSG00000199683	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SKP185
NA	ENSG00000199687	0	NA	NA	NA	NA	RNU1-38P
NA	ENSG00000199691	2.78253675	0.12034343	0.39932476	0.21966157	0.43175718	RN7SKP173
NA	ENSG00000199695	0	NA	NA	NA	NA	RNU6-1128P
NA	ENSG00000199697	0	NA	NA	NA	NA	RNU6-446P
NA	ENSG00000199698	0	NA	NA	NA	NA	
NA	ENSG00000199700	0	NA	NA	NA	NA	RNU6-223P

	NA	ENSG00000199701	0	NA	NA	NA	NA	
	NA	ENSG00000199702	0	NA	NA	NA	NA	RNU6-170P
	NA	ENSG00000199705	0	NA	NA	NA	NA	
	NA	ENSG00000199709	0	NA	NA	NA	NA	RNU4-23P
	NA	ENSG00000199710	0	NA	NA	NA	NA	
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100033437	NA	ENSG00000199712	0	NA	NA	NA	NA	SNORD115-2
	NA	ENSG00000199713	0	NA	NA	NA	NA	
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	NA	ENSG00000199716	0	NA	NA	NA	NA	
	NA	ENSG00000199719	3.25044116	0.07247012	0.3798361	0.47935997	0.70064538	RN7SKP74
	NA	ENSG00000199728	0	NA	NA	NA	NA	RNU6-655P
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	NA	ENSG00000199731	0	NA	NA	NA	NA	RNU6-1079P
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	NA	ENSG00000199733	0	NA	NA	NA	NA	RNA5SP307
	NA	ENSG00000199735	0	NA	NA	NA	NA	RNU6-227P
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26815	NA	ENSG00000199744	0	NA	NA	NA	NA	SNORD36A
	NA	ENSG00000199751	0	NA	NA	NA	NA	
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	NA	ENSG00000199767	0	NA	NA	NA	NA	RNU6-78P
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	NA	ENSG00000199780	0	NA	NA	NA	NA	
	NA	ENSG00000199781	0	NA	NA	NA	NA	
100033446	NA	ENSG00000199782	0	NA	NA	NA	NA	SNORD115-9
	NA	ENSG00000199783	0	NA	NA	NA	NA	
	NA	ENSG00000199784	0	NA	NA	NA	NA	RNU6-1287P
619565	NA	ENSG00000199785	0	NA	NA	NA	NA	SNORA52
	NA	ENSG00000199786	0	NA	NA	NA	NA	RNA5SP188
109616959	NA	ENSG00000199787	0	NA	NA	NA	NA	SNORA80C

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NA	ENSG00000199791	0	NA	NA	NA	NA	RNU6-451P
NA	ENSG00000199792	0	NA	NA	NA	NA	RNU6-1233P
NA	ENSG00000199796	0	NA	NA	NA	NA	RNU6-924P
NA	ENSG00000199797	0	NA	NA	NA	NA	
767581	ENSG00000199798	0	NA	NA	NA	NA	SNORD114-5
NA	ENSG00000199801	0	NA	NA	NA	NA	
NA	ENSG00000199803	0	NA	NA	NA	NA	RNU6-1159P
NA	ENSG00000199804	0	NA	NA	NA	NA	RNA5SP383
NA	ENSG00000199805	0	NA	NA	NA	NA	RNU1-134P
NA	ENSG00000199806	0	NA	NA	NA	NA	RNA5SP491
NA	ENSG00000199809	0	NA	NA	NA	NA	RNA5SP374
NA	ENSG00000199812	0	NA	NA	NA	NA	RNU6-428P
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NA	ENSG00000199815	0	NA	NA	NA	NA	
NA	ENSG00000199824	0	NA	NA	NA	NA	RNU6-199P
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NA	ENSG00000199831	0	NA	NA	NA	NA	RN7SKP291
NA	ENSG00000199832	0	NA	NA	NA	NA	
100033603	ENSG00000199833	0	NA	NA	NA	NA	SNORD115-21
NA	ENSG00000199836	0	NA	NA	NA	NA	RNU1-47P
NA	ENSG00000199839	0	NA	NA	NA	NA	RNA5SP150
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NA	ENSG00000199843	0	NA	NA	NA	NA	RNA5SP358
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NA	ENSG00000199846	0	NA	NA	NA	NA	RNU1-72P
NA	ENSG00000199849	0	NA	NA	NA	NA	RNU5F-6P
NA	ENSG00000199851	0	NA	NA	NA	NA	
NA	ENSG00000199855	0	NA	NA	NA	NA	RNU6-490P
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NA	ENSG00000199858	0	NA	NA	NA	NA	RNU6-1120P
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NA	ENSG00000199865	0	NA	NA	NA	NA	RNU6-495P
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NA	ENSG00000199872	0	NA	NA	NA	NA	RNU6-942P
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NA	ENSG00000199875	0	NA	NA	NA	NA	
NA	ENSG00000199878	0	NA	NA	NA	NA	RN7SKP149
NA	ENSG00000199879	0	NA	NA	NA	NA	RNVU1-22
NA	ENSG00000199880	0	NA	NA	NA	NA	RNU6-888P
NA	ENSG00000199881	0	NA	NA	NA	NA	
NA	ENSG00000199883	0	NA	NA	NA	NA	RN7SKP90
NA	ENSG00000199884	0	NA	NA	NA	NA	
NA	ENSG00000199885	0	NA	NA	NA	NA	RNU6-330P
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NA	ENSG00000199892	0	NA	NA	NA	NA	RNU1-17P
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NA	ENSG00000199911	0	NA	NA	NA	NA	
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767594	ENSG00000199914	0	NA	NA	NA	NA	SNORD114-16
NA	ENSG00000199920	0	NA	NA	NA	NA	RNU4-44P
NA	ENSG00000199921	0	NA	NA	NA	NA	RNU6-161P
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767597	ENSG00000199942	0	NA	NA	NA	NA	SNORD114-19
NA	ENSG00000199944	0	NA	NA	NA	NA	RNU6-653P
NA	ENSG00000199949	0	NA	NA	NA	NA	
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NA	ENSG00000199959	0	NA	NA	NA	NA	
100033451	ENSG00000199960	0	NA	NA	NA	NA	SNORD115-14
677849	ENSG00000199961	0	NA	NA	NA	NA	SNORD1B
NA	ENSG00000199962	0	NA	NA	NA	NA	
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NA	ENSG00000199964	0	NA	NA	NA	NA	
100033440	ENSG00000199970	0	NA	NA	NA	NA	SNORD115-3
NA	ENSG00000199971	0	NA	NA	NA	NA	RNU6-797P
NA	ENSG00000199975	0	NA	NA	NA	NA	RN7SKP243
NA	ENSG00000199977	0	NA	NA	NA	NA	
NA	ENSG00000199979	0	NA	NA	NA	NA	
NA	ENSG00000199985	0	NA	NA	NA	NA	RNA5SP264
NA	ENSG00000199986	0	NA	NA	NA	NA	RNU6-486P
56664	ENSG00000199990	0	NA	NA	NA	NA	VTRNA1-1
NA	ENSG00000199994	0	NA	NA	NA	NA	RNA5SP145
NA	ENSG00000200003	0	NA	NA	NA	NA	RNU6-986P
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NA	ENSG00000200011	0	NA	NA	NA	NA	
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NA	ENSG00000200021	0	NA	NA	NA	NA	RNA5SP448
NA	ENSG00000200024	0	NA	NA	NA	NA	
NA	ENSG00000200026	0	NA	NA	NA	NA	
NA	ENSG00000200028	0	NA	NA	NA	NA	RNA5SP98
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NA	ENSG00000200033	0	NA	NA	NA	NA	RNU6-403P
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NA	ENSG00000200052	0	NA	NA	NA	NA	
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NA	ENSG00000200062	0	NA	NA	NA	NA	RNU4-58P

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NA	ENSG00000200132	0	NA	NA	NA	NA	RNU6-1021P
NA	ENSG00000200135	0	NA	NA	NA	NA	
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NA	ENSG00000200139	0	NA	NA	NA	NA	RNU6-778P
NA	ENSG00000200142	0	NA	NA	NA	NA	
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NA	ENSG00000200151	0	NA	NA	NA	NA	RN7SKP231
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NA	ENSG00000200189	0	NA	NA	NA	NA	RNU6-832P
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NA	ENSG00000200246	0	NA	NA	NA	NA	RNA5SP263
NA	ENSG00000200247	0	NA	NA	NA	NA	RNU6-254P
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NA	ENSG00000200252	0	NA	NA	NA	NA	
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NA	ENSG00000200254	0	NA	NA	NA	NA	RNU6-536P
NA	ENSG00000200256	0	NA	NA	NA	NA	
NA	ENSG00000200257	0	NA	NA	NA	NA	RNU6-97P
26816	ENSG00000200259	0	NA	NA	NA	NA	SNORD35A
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NA	ENSG00000200275	0	NA	NA	NA	NA	RNA5SP199
NA	ENSG00000200278	0	NA	NA	NA	NA	RNA5SP352
767588	ENSG00000200279	0	NA	NA	NA	NA	SNORD114-10
NA	ENSG00000200281	0	NA	NA	NA	NA	RNU6-624P
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NA	ENSG00000200314	0	NA	NA	NA	NA	
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NA	ENSG00000200356	0	NA	NA	NA	NA	RNU6-833P
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767606	ENSG00000200413	0	NA	NA	NA	NA	SNORD114-26
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NA	ENSG00000200473	0	NA	NA	NA	NA	RNA5SP507
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100033815	ENSG00000200478	0	NA	NA	NA	NA	SNORD115-41
767609	ENSG00000200480	0	NA	NA	NA	NA	SNORD114-28
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	NA	ENSG00000200495	0	NA	NA	NA	RNU6-1205P
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	NA	ENSG00000200526	0	NA	NA	NA	RNY4P14
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594839	ENSG00000200534	0	NA	NA	NA	NA	SNORA33
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	NA	ENSG00000200545	0	NA	NA	NA	
	NA	ENSG00000200547	0	NA	NA	NA	
	NA	ENSG00000200550	0	NA	NA	NA	RNU6-137P
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767589	NA	ENSG00000200608	0	NA	NA	NA	NA	SNORD114-11
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767605	NA	ENSG00000200612	0	NA	NA	NA	NA	SNORD114-25
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595098	NA	ENSG00000200623	0	NA	NA	NA	NA	SNORD18A
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767567	NA	ENSG00000200632	0	NA	NA	NA	NA	SNORD113-7
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767608	NA	ENSG00000200636	0	NA	NA	NA	NA	SNORD114-27
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100033811	NA	ENSG00000200638	0	NA	NA	NA	NA	SNORD115-37
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	NA	ENSG00000200648	0	NA	NA	NA	NA	RNU6-226P
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	NA	ENSG00000200652	0	NA	NA	NA	NA	
	NA	ENSG00000200653	0.16735865	0.01897177	0.38482933	0.78225479	NA	RNU4-92P
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	NA	ENSG00000200686	0	NA	NA	NA	RNY3P3
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	NA	ENSG00000200701	0	NA	NA	NA	RNU6-674P
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	NA	ENSG00000200703	0	NA	NA	NA	RNU6-873P
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	NA	ENSG00000200708	0	NA	NA	NA	RN7SKP93
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	NA	ENSG00000200713	0	NA	NA	NA	RNU6-682P
	NA	ENSG00000200714	0	NA	NA	NA	
	NA	ENSG00000200718	0	NA	NA	NA	RN7SKP103
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	NA	ENSG00000200733	0	NA	NA	NA	
	NA	ENSG00000200737	0	NA	NA	NA	
	NA	ENSG00000200738	0	NA	NA	NA	RNA5SP472
	NA	ENSG00000200741	0	NA	NA	NA	RNA5SP161
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	NA	ENSG00000200755	0	NA	NA	NA	NA	RNA5SP68
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319103	NA	ENSG00000200785	0	NA	NA	NA	NA	SNORD8
	NA	ENSG00000200786	0	NA	NA	NA	NA	RNA5SP234
	NA	ENSG00000200788	0	NA	NA	NA	NA	
	NA	ENSG00000200789	0	NA	NA	NA	NA	RNU1-65P
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26835	NA	ENSG00000200795	0	NA	NA	NA	NA	RNU4-1
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100033443	NA	ENSG00000200812	0	NA	NA	NA	NA	SNORD115-6
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677820	NA	ENSG00000200816	0	NA	NA	NA	NA	SNORA38
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	NA	ENSG00000200818	0	NA	NA	NA	NA	RNU6-1204P
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767578	NA	ENSG00000200823	0	NA	NA	NA	NA	SNORD114-2
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94161	ENSG00000200913	0	NA	NA	NA	NA	SNORD46

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619562	ENSG00000200983	0	NA	NA	NA	NA	SNORA3A
NA	ENSG00000200985	0	NA	NA	NA	NA	RNA5SP493
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NA	ENSG00000201028	0	NA	NA	NA	NA	RNU6-151P
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NA	ENSG00000201041	0	NA	NA	NA	NA	RNA5SP242
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109616971	ENSG00000201229	0	NA	NA	NA	NA	SNORA63D
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767585	ENSG00000201240	0	NA	NA	NA	NA	SNORD114-9
NA	ENSG00000201241	0	NA	NA	NA	NA	RNU6-978P
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767591	ENSG00000201247	0	NA	NA	NA	NA	SNORD114-13
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767582	ENSG00000201263	0	NA	NA	NA	NA	SNORD114-6
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100036564	ENSG00000201300	0	NA	NA	NA	NA	SNORD115-27
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26783	ENSG00000201302	0	NA	NA	NA	NA	SNORA65
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100169760	ENSG00000201321	0	NA	NA	NA	NA	RNA5S9
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692092	ENSG00000201330	0	NA	NA	NA	NA	SNORD32B
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26767	ENSG00000201348	0	NA	NA	NA	NA	RNU105B
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NA	ENSG00000201354	0	NA	NA	NA	NA	
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NA	ENSG00000201432	0	NA	NA	NA	NA	
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677834	ENSG00000201457	0	NA	NA	NA	NA	SNORA55
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100033455	ENSG00000201482	0	NA	NA	NA	NA	SNORD115-17
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26804	ENSG00000201487	0	NA	NA	NA	NA	SNORD45B
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NA	ENSG00000201512	0	NA	NA	NA	NA	SNORA71C
NA	ENSG00000201516	0	NA	NA	NA	NA	
NA	ENSG00000201517	0	NA	NA	NA	NA	RNU6-707P
NA	ENSG00000201518	0	NA	NA	NA	NA	RNA5SP513
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NA	ENSG00000201548	0	NA	NA	NA	NA	
NA	ENSG00000201549	0	NA	NA	NA	NA	
NA	ENSG00000201550	0	NA	NA	NA	NA	RNU6-726P
NA	ENSG00000201554	0	NA	NA	NA	NA	
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767593	ENSG00000201557	0	NA	NA	NA	NA	SNORD114-15
101954276	ENSG00000201558	0.85016097	0.06074473	0.3904457	0.22300825	NA	RNVU1-6
NA	ENSG00000201560	0	NA	NA	NA	NA	RNU6-973P
NA	ENSG00000201563	0	NA	NA	NA	NA	
NA	ENSG00000201564	0	NA	NA	NA	NA	RN7SKP50
NA	ENSG00000201565	0	NA	NA	NA	NA	
NA	ENSG00000201566	0	NA	NA	NA	NA	
NA	ENSG00000201567	0	NA	NA	NA	NA	RNA5SP510
767595	ENSG00000201569	0	NA	NA	NA	NA	SNORD114-17
NA	ENSG00000201570	0	NA	NA	NA	NA	RNU4-56P
NA	ENSG00000201573	0	NA	NA	NA	NA	
NA	ENSG00000201574	0	NA	NA	NA	NA	RNU1-93P
NA	ENSG00000201579	0	NA	NA	NA	NA	RNU6-343P
NA	ENSG00000201581	0	NA	NA	NA	NA	RN7SKP78
NA	ENSG00000201583	0	NA	NA	NA	NA	RN7SKP191
NA	ENSG00000201584	0	NA	NA	NA	NA	
NA	ENSG00000201586	0	NA	NA	NA	NA	RNU6-593P
NA	ENSG00000201591	0	NA	NA	NA	NA	RNU6-99P
NA	ENSG00000201592	0	NA	NA	NA	NA	
NA	ENSG00000201594	0	NA	NA	NA	NA	RNA5SP517
NA	ENSG00000201595	0	NA	NA	NA	NA	RNA5SP132
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NA	ENSG00000201598	0	NA	NA	NA	NA	RNU6-219P
NA	ENSG00000201600	0	NA	NA	NA	NA	RN7SKP124
NA	ENSG00000201602	0	NA	NA	NA	NA	
NA	ENSG00000201604	0	NA	NA	NA	NA	RNU6-740P
NA	ENSG00000201607	0	NA	NA	NA	NA	RNU4-16P
NA	ENSG00000201608	0	NA	NA	NA	NA	RNU4-42P
NA	ENSG00000201609	0	NA	NA	NA	NA	RNU4-28P
NA	ENSG00000201610	0	NA	NA	NA	NA	RNA5SP84
NA	ENSG00000201612	0	NA	NA	NA	NA	RN7SKP15
NA	ENSG00000201613	0	NA	NA	NA	NA	RNU6-200P
NA	ENSG00000201616	0	NA	NA	NA	NA	RNU1-91P
NA	ENSG00000201618	0	NA	NA	NA	NA	RNA5SP505
NA	ENSG00000201619	0	NA	NA	NA	NA	
NA	ENSG00000201620	0	NA	NA	NA	NA	RNA5SP51
NA	ENSG00000201622	0	NA	NA	NA	NA	RNU6-621P
NA	ENSG00000201623	0	NA	NA	NA	NA	RNU6-923P
NA	ENSG00000201624	0	NA	NA	NA	NA	
NA	ENSG00000201627	0	NA	NA	NA	NA	
NA	ENSG00000201628	0	NA	NA	NA	NA	RNU4-7P
NA	ENSG00000201633	0	NA	NA	NA	NA	
100033822	ENSG00000201634	0	NA	NA	NA	NA	SNORD115-48
NA	ENSG00000201635	0	NA	NA	NA	NA	
NA	ENSG00000201638	0	NA	NA	NA	NA	RNY4P16
NA	ENSG00000201640	0	NA	NA	NA	NA	RN7SKP28
NA	ENSG00000201641	0	NA	NA	NA	NA	RNU6-1187P
NA	ENSG00000201642	0	NA	NA	NA	NA	RNU6-865P
677801	ENSG00000201643	0	NA	NA	NA	NA	SNORA14A
NA	ENSG00000201644	0	NA	NA	NA	NA	
NA	ENSG00000201648	0	NA	NA	NA	NA	RNU4-91P
NA	ENSG00000201649	0	NA	NA	NA	NA	RNY4P34
101954275	ENSG00000201654	0	NA	NA	NA	NA	RNU6-7
NA	ENSG00000201658	0	NA	NA	NA	NA	RNU6-283P
NA	ENSG00000201659	0	NA	NA	NA	NA	RNU12-2P
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NA	ENSG00000201662	0	NA	NA	NA	NA	RNU6-60P
NA	ENSG00000201663	0	NA	NA	NA	NA	
NA	ENSG00000201665	0	NA	NA	NA	NA	RN7SKP6
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NA	ENSG00000201668	0	NA	NA	NA	NA	
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767564	ENSG00000201672	0	NA	NA	NA	NA	SNORD113-4
NA	ENSG00000201674	0	NA	NA	NA	NA	
26819	ENSG00000201675	0	NA	NA	NA	NA	SNORD32A
NA	ENSG00000201676	0	NA	NA	NA	NA	
100033453	ENSG00000201679	0	NA	NA	NA	NA	SNORD115-15
NA	ENSG00000201680	0	NA	NA	NA	NA	
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NA	ENSG00000201684	0	NA	NA	NA	NA	RN7SKP239
NA	ENSG00000201687	0	NA	NA	NA	NA	RNU6-1107P
767610	ENSG00000201689	0	NA	NA	NA	NA	SNORD114-29
NA	ENSG00000201690	0	NA	NA	NA	NA	RNY1P2
NA	ENSG00000201699	0	NA	NA	NA	NA	RNVU1-24
767563	ENSG00000201700	0	NA	NA	NA	NA	SNORD113-3
NA	ENSG00000201701	0	NA	NA	NA	NA	
NA	ENSG00000201704	0	NA	NA	NA	NA	RNA5SP396
NA	ENSG00000201707	0	NA	NA	NA	NA	RNU6-818P
NA	ENSG00000201708	0	NA	NA	NA	NA	RNA5SP359
NA	ENSG00000201709	0	NA	NA	NA	NA	RNU6-686P
NA	ENSG00000201710	0	NA	NA	NA	NA	
NA	ENSG00000201711	0	NA	NA	NA	NA	RNU6-1303P
NA	ENSG00000201713	0	NA	NA	NA	NA	RNA5SP125
NA	ENSG00000201715	0	NA	NA	NA	NA	RN7SKP133
NA	ENSG00000201723	0	NA	NA	NA	NA	
NA	ENSG00000201724	0	NA	NA	NA	NA	
NA	ENSG00000201725	0	NA	NA	NA	NA	RNU6-304P
NA	ENSG00000201727	0	NA	NA	NA	NA	RNA5SP173
NA	ENSG00000201728	0	NA	NA	NA	NA	RNA5SP479
NA	ENSG00000201733	0	NA	NA	NA	NA	
NA	ENSG00000201736	0	NA	NA	NA	NA	RNA5SP160
NA	ENSG00000201737	0	NA	NA	NA	NA	RNU1-133P
NA	ENSG00000201741	0	NA	NA	NA	NA	
NA	ENSG00000201742	0	NA	NA	NA	NA	RNU6-563P
NA	ENSG00000201744	0	NA	NA	NA	NA	RNU6-34P
NA	ENSG00000201746	0	NA	NA	NA	NA	RNU6-828P
NA	ENSG00000201747	0	NA	NA	NA	NA	RNU6-534P
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NA	ENSG00000201752	0	NA	NA	NA	NA	RNU6-119P
26797	ENSG00000201754	0	NA	NA	NA	NA	SNORD52
NA	ENSG00000201756	0	NA	NA	NA	NA	
NA	ENSG00000201758	0	NA	NA	NA	NA	RN7SKP55
NA	ENSG00000201761	0	NA	NA	NA	NA	RNU6-336P
NA	ENSG00000201763	0	NA	NA	NA	NA	RNA5SP267
NA	ENSG00000201766	0	NA	NA	NA	NA	RNA5SP302
NA	ENSG00000201770	0	NA	NA	NA	NA	RNU6-384P
677796	ENSG00000201772	0	NA	NA	NA	NA	SNORA5C
NA	ENSG00000201774	0	NA	NA	NA	NA	
NA	ENSG00000201775	0	NA	NA	NA	NA	RNU6-1325P
NA	ENSG00000201778	0	NA	NA	NA	NA	
NA	ENSG00000201780	0	NA	NA	NA	NA	RNU6-275P
NA	ENSG00000201782	0	NA	NA	NA	NA	RN7SKP226
692233	ENSG00000201785	0	NA	NA	NA	NA	SNORD117
NA	ENSG00000201786	0	NA	NA	NA	NA	
NA	ENSG00000201788	0	NA	NA	NA	NA	
NA	ENSG00000201790	0	NA	NA	NA	NA	RNA5SP189
NA	ENSG00000201791	0	NA	NA	NA	NA	
NA	ENSG00000201793	0.74659737	-0.03303578	0.38644226	0.4112877	NA	RN7SKP9
NA	ENSG00000201794	0	NA	NA	NA	NA	RN7SKP130
NA	ENSG00000201796	0	NA	NA	NA	NA	RNU6-392P
NA	ENSG00000201800	0	NA	NA	NA	NA	
NA	ENSG00000201801	0	NA	NA	NA	NA	RNU5E-4P
NA	ENSG00000201805	0	NA	NA	NA	NA	RNU6-1180P
NA	ENSG00000201806	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RNU4-8P
NA	ENSG00000201807	0	NA	NA	NA	NA	
NA	ENSG00000201809	0	NA	NA	NA	NA	
NA	ENSG00000201810	0	NA	NA	NA	NA	
NA	ENSG00000201811	0	NA	NA	NA	NA	
NA	ENSG00000201812	0	NA	NA	NA	NA	RNA5SP488
NA	ENSG00000201813	0	NA	NA	NA	NA	RNU6-915P
NA	ENSG00000201815	0	NA	NA	NA	NA	RNU6-526P
NA	ENSG00000201816	0	NA	NA	NA	NA	
NA	ENSG00000201818	0	NA	NA	NA	NA	RNY4P17
NA	ENSG00000201820	0	NA	NA	NA	NA	
NA	ENSG00000201821	0	NA	NA	NA	NA	RNU4-9P
NA	ENSG00000201822	0	NA	NA	NA	NA	RNA5SP149

26801	ENSG00000201823	0	NA	NA	NA	NA	SNORD48
NA	ENSG00000201825	0	NA	NA	NA	NA	RNU6-1131P
NA	ENSG00000201826	0	NA	NA	NA	NA	RNU6-867P
NA	ENSG00000201827	0	NA	NA	NA	NA	
NA	ENSG00000201830	0	NA	NA	NA	NA	
338433	ENSG00000201831	0	NA	NA	NA	NA	SNORD115-1
767579	ENSG00000201839	0	NA	NA	NA	NA	SNORD114-3
NA	ENSG00000201843	0	NA	NA	NA	NA	
NA	ENSG00000201846	0	NA	NA	NA	NA	RNA5SP166
109616978	ENSG00000201847	0	NA	NA	NA	NA	SNORD31B
NA	ENSG00000201850	0	NA	NA	NA	NA	
NA	ENSG00000201852	0	NA	NA	NA	NA	RNU6-702P
NA	ENSG00000201856	0	NA	NA	NA	NA	RNA5SP331
NA	ENSG00000201860	0	NA	NA	NA	NA	
NA	ENSG00000201861	0	NA	NA	NA	NA	RNA5SP298
NA	ENSG00000201863	0	NA	NA	NA	NA	
NA	ENSG00000201867	0	NA	NA	NA	NA	
NA	ENSG00000201868	0	NA	NA	NA	NA	
NA	ENSG00000201869	0	NA	NA	NA	NA	RNU6-294P
NA	ENSG00000201875	0	NA	NA	NA	NA	RN7SKP178
NA	ENSG00000201876	0	NA	NA	NA	NA	RNA5SP97
NA	ENSG00000201881	0	NA	NA	NA	NA	
NA	ENSG00000201882	0	NA	NA	NA	NA	
NA	ENSG00000201884	0	NA	NA	NA	NA	
NA	ENSG00000201892	0	NA	NA	NA	NA	
NA	ENSG00000201894	0	NA	NA	NA	NA	RNU6-967P
NA	ENSG00000201896	0	NA	NA	NA	NA	RN7SKP153
NA	ENSG00000201898	0	NA	NA	NA	NA	
767604	ENSG00000201899	0	NA	NA	NA	NA	SNORD114-24
NA	ENSG00000201900	0	NA	NA	NA	NA	RNY1P13
NA	ENSG00000201901	0	NA	NA	NA	NA	RN7SKP48
100033812	ENSG00000201907	0	NA	NA	NA	NA	SNORD115-38
NA	ENSG00000201909	0	NA	NA	NA	NA	RNU6-590P
NA	ENSG00000201910	0	NA	NA	NA	NA	RNU1-140P
NA	ENSG00000201912	0	NA	NA	NA	NA	RN7SKP189
NA	ENSG00000201913	0	NA	NA	NA	NA	
NA	ENSG00000201916	0	NA	NA	NA	NA	
NA	ENSG00000201919	0	NA	NA	NA	NA	RNU6-1022P

NA	ENSG00000201920	0	NA	NA	NA	NA	RNA5SP442
NA	ENSG00000201922	0	NA	NA	NA	NA	RNU1-43P
NA	ENSG00000201923	0	NA	NA	NA	NA	RNA5SP485
NA	ENSG00000201931	0	NA	NA	NA	NA	RNA5SP172
NA	ENSG00000201933	0	NA	NA	NA	NA	
NA	ENSG00000201938	0	NA	NA	NA	NA	
NA	ENSG00000201939	0	NA	NA	NA	NA	RNA5SP224
NA	ENSG00000201942	0	NA	NA	NA	NA	RNA5SP363
100033447	ENSG00000201943	0	NA	NA	NA	NA	SNORD115-10
NA	ENSG00000201944	0	NA	NA	NA	NA	
NA	ENSG00000201945	0	NA	NA	NA	NA	
767569	ENSG00000201950	0	NA	NA	NA	NA	SNORD113-9
NA	ENSG00000201954	0	NA	NA	NA	NA	RNU6-673P
NA	ENSG00000201955	0	NA	NA	NA	NA	RNY3P1
NA	ENSG00000201957	0	NA	NA	NA	NA	
NA	ENSG00000201962	0	NA	NA	NA	NA	RNA5SP126
NA	ENSG00000201965	0	NA	NA	NA	NA	
NA	ENSG00000201966	0	NA	NA	NA	NA	RNA5-8SP4
NA	ENSG00000201967	0	NA	NA	NA	NA	RN7SKP22
NA	ENSG00000201968	0	NA	NA	NA	NA	RNA5SP138
100033460	ENSG00000201969	0	NA	NA	NA	NA	SNORD115-20
NA	ENSG00000201980	0	NA	NA	NA	NA	
NA	ENSG00000201984	0	NA	NA	NA	NA	
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NA	ENSG00000201990	0	NA	NA	NA	NA	
100033809	ENSG00000201992	0	NA	NA	NA	NA	SNORD115-35
677808	ENSG00000201998	0.173733	0.01914545	0.38484597	0.78225479	NA	SNORA23
NA	ENSG00000201999	0	NA	NA	NA	NA	RNA5SP428
NA	ENSG00000202000	0	NA	NA	NA	NA	RNU1-36P
NA	ENSG00000202001	0	NA	NA	NA	NA	
NA	ENSG00000202008	0	NA	NA	NA	NA	
NA	ENSG00000202014	0	NA	NA	NA	NA	
NA	ENSG00000202016	0	NA	NA	NA	NA	RNU6-619P
NA	ENSG00000202017	0	NA	NA	NA	NA	RNU6-806P
NA	ENSG00000202019	0	NA	NA	NA	NA	
NA	ENSG00000202023	0	NA	NA	NA	NA	
NA	ENSG00000202024	0	NA	NA	NA	NA	RNU6-934P

NA	ENSG00000202025	0	NA	NA	NA	NA	RNU6-1240P
NA	ENSG00000202026	0	NA	NA	NA	NA	RNU6-1134P
NA	ENSG00000202027	0	NA	NA	NA	NA	
NA	ENSG00000202029	0	NA	NA	NA	NA	RNU6-580P
94162	ENSG00000202031	0	NA	NA	NA	NA	SNORD38A
NA	ENSG00000202034	0	NA	NA	NA	NA	RNU6-399P
NA	ENSG00000202035	0	NA	NA	NA	NA	
NA	ENSG00000202039	0	NA	NA	NA	NA	RNU6-215P
NA	ENSG00000202041	0	NA	NA	NA	NA	
NA	ENSG00000202044	0	NA	NA	NA	NA	RNA5SP223
NA	ENSG00000202046	0	NA	NA	NA	NA	
NA	ENSG00000202047	0	NA	NA	NA	NA	RNA5SP324
767598	ENSG00000202048	0	NA	NA	NA	NA	SNORD114-20
NA	ENSG00000202050	0	NA	NA	NA	NA	RNU6-391P
NA	ENSG00000202051	0	NA	NA	NA	NA	RNU6-382P
NA	ENSG00000202054	0	NA	NA	NA	NA	RNA5SP152
NA	ENSG00000202056	0	NA	NA	NA	NA	RNA5SP19
NA	ENSG00000202058	2.00237687	0.04693819	0.38082646	0.54798347	NA	RN7SKP80
NA	ENSG00000202059	0	NA	NA	NA	NA	
NA	ENSG00000202060	0	NA	NA	NA	NA	RNA5SP455
NA	ENSG00000202063	0	NA	NA	NA	NA	RNA5SP79
NA	ENSG00000202069	0	NA	NA	NA	NA	RNU4-66P
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NA	ENSG00000202071	0	NA	NA	NA	NA	
NA	ENSG00000202074	0	NA	NA	NA	NA	RNU6-715P
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NA	ENSG00000202079	0	NA	NA	NA	NA	
NA	ENSG00000202081	0	NA	NA	NA	NA	RNU6-1280P
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NA	ENSG00000202089	0	NA	NA	NA	NA	RNU6-1306P
NA	ENSG00000202092	0	NA	NA	NA	NA	RNA5SP190
NA	ENSG00000202093	0	NA	NA	NA	NA	SNORD58C
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NA	ENSG00000202099	0	NA	NA	NA	NA	RNU6-234P
NA	ENSG00000202100	0	NA	NA	NA	NA	
NA	ENSG00000202103	0	NA	NA	NA	NA	RNU4-12P
56663	ENSG00000202111	0	NA	NA	NA	NA	VTRNA1-2
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NA	ENSG00000202125	0	NA	NA	NA	NA	RNU1-100P
NA	ENSG00000202137	0	NA	NA	NA	NA	
NA	ENSG00000202141	0	NA	NA	NA	NA	
767596	ENSG00000202142	0	NA	NA	NA	NA	SNORD114-18
NA	ENSG00000202144	0	NA	NA	NA	NA	
NA	ENSG00000202146	0	NA	NA	NA	NA	
NA	ENSG00000202147	0	NA	NA	NA	NA	RNA5SP329
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NA	ENSG00000202151	0	NA	NA	NA	NA	RNY4P28
NA	ENSG00000202157	0	NA	NA	NA	NA	RNU4-11P
NA	ENSG00000202159	0	NA	NA	NA	NA	RNU6-742P
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NA	ENSG00000202164	0	NA	NA	NA	NA	RNA5SP117
NA	ENSG00000202167	0	NA	NA	NA	NA	RNU1-114P
NA	ENSG00000202169	0	NA	NA	NA	NA	
NA	ENSG00000202172	0	NA	NA	NA	NA	RNU6-1327P
NA	ENSG00000202174	0	NA	NA	NA	NA	RNA5-8SP5
NA	ENSG00000202175	0	NA	NA	NA	NA	RNA5SP128
NA	ENSG00000202177	0	NA	NA	NA	NA	
NA	ENSG00000202182	0	NA	NA	NA	NA	
NA	ENSG00000202183	0	NA	NA	NA	NA	
NA	ENSG00000202184	0	NA	NA	NA	NA	RNU6-1283P
NA	ENSG00000202186	0	NA	NA	NA	NA	RNU6-497P
NA	ENSG00000202187	0	NA	NA	NA	NA	RNA5SP355
100033805	ENSG00000202188	0	NA	NA	NA	NA	SNORD115-31
109616992	ENSG00000202189	0	NA	NA	NA	NA	SNORA30B
NA	ENSG00000202190	0	NA	NA	NA	NA	
767561	ENSG00000202191	0	NA	NA	NA	NA	SNORD113-1
NA	ENSG00000202193	0	NA	NA	NA	NA	RNA5SP427
NA	ENSG00000202195	0	NA	NA	NA	NA	
NA	ENSG00000202198	0	NA	NA	NA	NA	
NA	ENSG00000202199	0	NA	NA	NA	NA	RNU1-115P
NA	ENSG00000202200	0	NA	NA	NA	NA	
NA	ENSG00000202205	0	NA	NA	NA	NA	RNU6-1034P
NA	ENSG00000202206	0	NA	NA	NA	NA	RNU6-169P
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NA	ENSG00000202215	0	NA	NA	NA	NA	RNU1-51P
NA	ENSG00000202216	0	NA	NA	NA	NA	
NA	ENSG00000202217	0	NA	NA	NA	NA	RN7SKP47
NA	ENSG00000202222	0	NA	NA	NA	NA	
NA	ENSG00000202224	0	NA	NA	NA	NA	
NA	ENSG00000202225	0	NA	NA	NA	NA	RNA5SP240
NA	ENSG00000202227	0	NA	NA	NA	NA	RNU6-282P
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NA	ENSG00000202231	0	NA	NA	NA	NA	
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NA	ENSG00000202237	0	NA	NA	NA	NA	RNU6-53P
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NA	ENSG00000202240	0	NA	NA	NA	NA	RNU6-737P
NA	ENSG00000202241	0	NA	NA	NA	NA	RN7SKP186
NA	ENSG00000202242	0	NA	NA	NA	NA	RNU6-1276P
NA	ENSG00000202245	0	NA	NA	NA	NA	RNU6-728P
NA	ENSG00000202249	0	NA	NA	NA	NA	RNU5E-5P
NA	ENSG00000202251	0	NA	NA	NA	NA	
85389	ENSG00000202252	0	NA	NA	NA	NA	SNORD14C
NA	ENSG00000202254	0	NA	NA	NA	NA	
NA	ENSG00000202255	0	NA	NA	NA	NA	
NA	ENSG00000202259	0	NA	NA	NA	NA	RNU6-1318P
NA	ENSG00000202260	0	NA	NA	NA	NA	RN7SKP69
100033818	ENSG00000202261	0	NA	NA	NA	NA	SNORD115-44
NA	ENSG00000202263	0	NA	NA	NA	NA	RNA5SP22
NA	ENSG00000202264	0	NA	NA	NA	NA	RNA5SP77
NA	ENSG00000202265	0	NA	NA	NA	NA	RNU6-596P
NA	ENSG00000202268	0	NA	NA	NA	NA	
NA	ENSG00000202269	0	NA	NA	NA	NA	
767590	ENSG00000202270	0	NA	NA	NA	NA	SNORD114-12
NA	ENSG00000202272	0	NA	NA	NA	NA	
NA	ENSG00000202273	0	NA	NA	NA	NA	
NA	ENSG00000202275	0	NA	NA	NA	NA	
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NA	ENSG00000202279	0	NA	NA	NA	NA	
NA	ENSG00000202281	0	NA	NA	NA	NA	RNA5SP235
NA	ENSG00000202283	0	NA	NA	NA	NA	
NA	ENSG00000202285	0	NA	NA	NA	NA	RNU6-117P

NA	ENSG00000202290	0	NA	NA	NA	NA	RNA5SP37
767600	ENSG00000202293	0	NA	NA	NA	NA	SNORD114-22
NA	ENSG00000202296	0	NA	NA	NA	NA	RNU6-1335P
NA	ENSG00000202297	0	NA	NA	NA	NA	RNY3P12
NA	ENSG00000202300	0	NA	NA	NA	NA	RNU6-487P
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NA	ENSG00000202306	0	NA	NA	NA	NA	
NA	ENSG00000202308	0	NA	NA	NA	NA	RNU6-996P
NA	ENSG00000202309	0	NA	NA	NA	NA	
NA	ENSG00000202310	0	NA	NA	NA	NA	
NA	ENSG00000202313	0	NA	NA	NA	NA	RNU1-64P
692075	ENSG00000202314	0	NA	NA	NA	NA	SNORD6
NA	ENSG00000202317	0	NA	NA	NA	NA	RNU1-84P
NA	ENSG00000202318	0	NA	NA	NA	NA	
NA	ENSG00000202322	0	NA	NA	NA	NA	RNA5SP131
NA	ENSG00000202324	0	NA	NA	NA	NA	RNA5SP366
NA	ENSG00000202329	0	NA	NA	NA	NA	RNU6-609P
NA	ENSG00000202331	0	NA	NA	NA	NA	RNA5SP167
NA	ENSG00000202332	0	NA	NA	NA	NA	
NA	ENSG00000202334	0	NA	NA	NA	NA	RNA5SP238
NA	ENSG00000202335	0	NA	NA	NA	NA	
NA	ENSG00000202336	0	NA	NA	NA	NA	RNU6-359P
NA	ENSG00000202339	0	NA	NA	NA	NA	RNU4-45P
NA	ENSG00000202341	0	NA	NA	NA	NA	RNU6-1051P
NA	ENSG00000202343	0	NA	NA	NA	NA	
NA	ENSG00000202344	0	NA	NA	NA	NA	RN7SKP208
NA	ENSG00000202345	0	NA	NA	NA	NA	
NA	ENSG00000202347	0	NA	NA	NA	NA	RNU1-16P
NA	ENSG00000202350	0	NA	NA	NA	NA	RNU6-326P
NA	ENSG00000202351	0	NA	NA	NA	NA	RN7SKP204
6085	ENSG00000202354	0	NA	NA	NA	NA	RNY3
NA	ENSG00000202356	0	NA	NA	NA	NA	RNA5SP277
NA	ENSG00000202357	0	NA	NA	NA	NA	
NA	ENSG00000202358	0	NA	NA	NA	NA	RNU6-652P
NA	ENSG00000202360	0	NA	NA	NA	NA	RN7SKP249
NA	ENSG00000202361	0	NA	NA	NA	NA	
NA	ENSG00000202363	0	NA	NA	NA	NA	SNORA62
NA	ENSG00000202368	0	NA	NA	NA	NA	

NA	ENSG00000202374	0	NA	NA	NA	NA	
109623459	ENSG00000202377	0	NA	NA	NA	NA	SNORA25B
NA	ENSG00000202379	0	NA	NA	NA	NA	
NA	ENSG00000202380	0	NA	NA	NA	NA	RNU1-55P
NA	ENSG00000202382	0	NA	NA	NA	NA	
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NA	ENSG00000202385	0	NA	NA	NA	NA	
NA	ENSG00000202386	0	NA	NA	NA	NA	RNA5SP211
NA	ENSG00000202388	0	NA	NA	NA	NA	
NA	ENSG00000202389	0	NA	NA	NA	NA	
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NA	ENSG00000202395	0	NA	NA	NA	NA	RN7SKP1
NA	ENSG00000202398	0	NA	NA	NA	NA	RNU6-61P
NA	ENSG00000202399	0	NA	NA	NA	NA	
25826	ENSG00000202400	0	NA	NA	NA	NA	SNORD82
NA	ENSG00000202402	0	NA	NA	NA	NA	
NA	ENSG00000202406	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SKP187
NA	ENSG00000202407	0	NA	NA	NA	NA	
NA	ENSG00000202408	0	NA	NA	NA	NA	RNVU1-21
NA	ENSG00000202410	0	NA	NA	NA	NA	
NA	ENSG00000202411	0	NA	NA	NA	NA	RNA5SP259
NA	ENSG00000202412	0	NA	NA	NA	NA	RNY3P13
NA	ENSG00000202414	0	NA	NA	NA	NA	
NA	ENSG00000202415	0	NA	NA	NA	NA	RN7SKP269
NA	ENSG00000202417	0	NA	NA	NA	NA	
NA	ENSG00000202422	0	NA	NA	NA	NA	RNA5SP30
NA	ENSG00000202423	0	NA	NA	NA	NA	RNU6-827P
NA	ENSG00000202427	0	NA	NA	NA	NA	RNU6-744P
NA	ENSG00000202428	0	NA	NA	NA	NA	RNU6-108P
NA	ENSG00000202429	0	NA	NA	NA	NA	RNU4-48P
NA	ENSG00000202430	0	NA	NA	NA	NA	RNA5SP88
NA	ENSG00000202431	0	NA	NA	NA	NA	RNU6-438P
NA	ENSG00000202433	0	NA	NA	NA	NA	RNU6-54P
NA	ENSG00000202434	0	NA	NA	NA	NA	
NA	ENSG00000202438	0	NA	NA	NA	NA	
NA	ENSG00000202440	0	NA	NA	NA	NA	
NA	ENSG00000202441	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RNY4P10
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NA	ENSG00000202445	0	NA	NA	NA	NA	RNU6-669P
NA	ENSG00000202449	0	NA	NA	NA	NA	
NA	ENSG00000202459	0	NA	NA	NA	NA	
NA	ENSG00000202461	0	NA	NA	NA	NA	
NA	ENSG00000202468	0	NA	NA	NA	NA	RNU4-17P
NA	ENSG00000202469	0	NA	NA	NA	NA	
NA	ENSG00000202470	0	NA	NA	NA	NA	
NA	ENSG00000202471	0	NA	NA	NA	NA	RNU4-20P
NA	ENSG00000202472	0	NA	NA	NA	NA	RNA5SP248
NA	ENSG00000202473	0	NA	NA	NA	NA	RN7SKP81
NA	ENSG00000202474	0	NA	NA	NA	NA	RNA5SP283
NA	ENSG00000202476	0	NA	NA	NA	NA	
NA	ENSG00000202478	0	NA	NA	NA	NA	RNU6-81P
NA	ENSG00000202479	0	NA	NA	NA	NA	
NA	ENSG00000202485	0	NA	NA	NA	NA	RNU6-499P
NA	ENSG00000202490	0	NA	NA	NA	NA	RNU6-597P
NA	ENSG00000202491	0	NA	NA	NA	NA	RNU6-716P
NA	ENSG00000202495	0	NA	NA	NA	NA	
NA	ENSG00000202497	0	NA	NA	NA	NA	RNU6-898P
NA	ENSG00000202498	0	NA	NA	NA	NA	
NA	ENSG00000202502	0	NA	NA	NA	NA	RNA5SP151
26817	ENSG00000202503	0	NA	NA	NA	NA	SNORD34
NA	ENSG00000202508	0	NA	NA	NA	NA	
NA	ENSG00000202512	0	NA	NA	NA	NA	RN7SKP230
NA	ENSG00000202513	0	NA	NA	NA	NA	RNU6-805P
NA	ENSG00000202514	0	NA	NA	NA	NA	
56662	ENSG00000202515	0	NA	NA	NA	NA	VTRNA1-3
NA	ENSG00000202517	0	NA	NA	NA	NA	
NA	ENSG00000202522	0	NA	NA	NA	NA	
NA	ENSG00000202523	0	NA	NA	NA	NA	
NA	ENSG00000202528	0	NA	NA	NA	NA	RNU6-650P
595099	ENSG00000202529	0	NA	NA	NA	NA	SNORD18B
NA	ENSG00000202532	0	NA	NA	NA	NA	RNU6-395P
NA	ENSG00000202533	0	NA	NA	NA	NA	
NA	ENSG00000202534	0	NA	NA	NA	NA	RNU6-1329P
NA	ENSG00000202536	0	NA	NA	NA	NA	
NA	ENSG00000202537	0	NA	NA	NA	NA	
26834	ENSG00000202538	0	NA	NA	NA	NA	RNU4-2

NA	ENSG00000202542	0	NA	NA	NA	NA	
664612	ENSG00000202560	0	NA	NA	NA	NA	MIR539
693122	ENSG00000202566	0	NA	NA	NA	NA	MIR421
574447	ENSG00000202569	0	NA	NA	NA	NA	MIR146B
693167	ENSG00000202601	0	NA	NA	NA	NA	MIR582
574441	ENSG00000202609	0	NA	NA	NA	NA	MIR488
NA	ENSG00000203258	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000203262	0	NA	NA	NA	NA	
NA	ENSG00000203266	0	NA	NA	NA	NA	
NA	ENSG00000203279	9.76262612	0.10495272	0.35665667	0.51884778	0.73240412	
100128531	ENSG00000203280	0	NA	NA	NA	NA	KIAA1671-AS1
NA	ENSG00000203286	0.69020615	0.00613976	0.38192084	0.89704592	NA	
109729141	ENSG00000203288	45.3216208	-0.5015411	0.34355352	0.03749383	0.1196137	TDRKH-AS1
NA	ENSG00000203307	0.89608518	0.04469613	0.38496371	0.40125479	NA	FAM78B-AS1
NA	ENSG00000203321	0.84255051	0.03666442	0.38463912	0.46277423	NA	CARNMT1-AS1
NA	ENSG00000203325	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
170958	ENSG00000203326	236.07309	0.12555669	0.1846215	0.43813695	0.66330691	ZNF525
NA	ENSG00000203327	7.39300655	-0.01633107	0.35189342	0.90734664	0.95963244	
NA	ENSG00000203334	0	NA	NA	NA	NA	
NA	ENSG00000203335	0	NA	NA	NA	NA	
105378716	ENSG00000203356	0.34109944	0.02362644	0.38535338	0.62411138	NA	LINC01562
NA	ENSG00000203362	8.37344345	-0.18057821	0.39659584	0.26202488	0.48394839	POLH-AS1
NA	ENSG00000203363	0.34746601	0.02370763	0.3853651	0.61987128	NA	GPR160P1
NA	ENSG00000203364	0	NA	NA	NA	NA	
NA	ENSG00000203387	0	NA	NA	NA	NA	SNF8P1
NA	ENSG00000203392	44.9908564	0.23871617	0.29099456	0.2496883	0.46933358	
NA	ENSG00000203395	0	NA	NA	NA	NA	
NA	ENSG00000203396	0	NA	NA	NA	NA	
NA	ENSG00000203397	0.8282343	0.01216318	0.38173245	0.81198921	NA	SHISA5P2
NA	ENSG00000203402	0	NA	NA	NA	NA	
NA	ENSG00000203408	0	NA	NA	NA	NA	OR6C71P
NA	ENSG00000203411	0	NA	NA	NA	NA	
NA	ENSG00000203413	0	NA	NA	NA	NA	ACTBP6
NA	ENSG00000203414	0.14931947	-0.01844332	0.38480212	0.84537521	NA	BTBD7P1
NA	ENSG00000203416	0	NA	NA	NA	NA	FAM32BP
NA	ENSG00000203434	0	NA	NA	NA	NA	
NA	ENSG00000203435	2.35011189	0.04085406	0.37434019	0.6788896	NA	E2F3P2
NA	ENSG00000203436	0	NA	NA	NA	NA	

NA	ENSG00000203437	0.34113746	0.02362674	0.38535343	0.62409123	NA	
106478991	ENSG00000203441	4.4585776	0.05560565	0.3719583	0.62490469	0.80885366	LINC00449
NA	ENSG00000203446	0.6208875	-0.01840553	0.38295181	0.69702053	NA	SUGCT-AS1
NA	ENSG00000203462	0	NA	NA	NA	NA	
NA	ENSG00000203469	0.36296777	0.00145226	0.38336853	0.96210322	NA	
NA	ENSG00000203472	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
64423	ENSG00000203485	913.899191	-0.28333865	0.09260445	0.00156595	0.00870266	INF2
NA	ENSG00000203489	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HMGB1P39
NA	ENSG00000203492	0	NA	NA	NA	NA	
NA	ENSG00000203496	0	NA	NA	NA	NA	
NA	ENSG00000203497	52.4502943	0.09688736	0.26665788	0.61973266	0.80578648	PDCD4-AS1
NA	ENSG00000203498	0	NA	NA	NA	NA	
642574	ENSG00000203499	4.37456158	-0.10521568	0.38561538	0.35501021	0.58543783	IQANK1
NA	ENSG00000203506	25.9426369	-0.06017761	0.30977092	0.74523612	0.87993124	RBMS3-AS2
NA	ENSG00000203520	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000203523	0	NA	NA	NA	NA	TAS2R2P
101927447	ENSG00000203527	0	NA	NA	NA	NA	SCUBE1-AS1
NA	ENSG00000203531	0.50756658	0.03074024	0.38601609	0.48351361	NA	
NA	ENSG00000203546	14.9053587	-0.39105716	0.53009971	0.07977857	0.21084412	
NA	ENSG00000203560	0	NA	NA	NA	NA	OR52J1P
NA	ENSG00000203565	0	NA	NA	NA	NA	
NA	ENSG00000203573	0	NA	NA	NA	NA	
26184	ENSG00000203581	1.36135297	0.03410779	0.37996684	0.64030339	NA	OR1F2P
100507175	ENSG00000203585	0	NA	NA	NA	NA	LINC02408
NA	ENSG00000203588	0.48819159	-0.0065213	0.38314647	0.86576387	NA	IGBP1-AS1
NA	ENSG00000203593	0	NA	NA	NA	NA	
101978719	ENSG00000203601	0	NA	NA	NA	NA	LINC00970
NA	ENSG00000203605	0	NA	NA	NA	NA	
NA	ENSG00000203616	1.22892552	-0.03221908	0.3826028	0.57854601	NA	RHOT1P2
2812	ENSG00000203618	221.886881	0.06256602	0.15756611	0.66460608	0.83444869	GP1BB
NA	ENSG00000203620	1.85354485	0.02141132	0.37798452	0.77884469	NA	
NA	ENSG00000203635	1.0366024	0.02185682	0.3818712	0.68993517	NA	
NA	ENSG00000203643	0	NA	NA	NA	NA	
NA	ENSG00000203644	24.7422266	-0.42079078	0.41967021	0.08321426	0.21772162	
100820709	ENSG00000203645	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC00501
NA	ENSG00000203647	0	NA	NA	NA	NA	
NA	ENSG00000203648	0	NA	NA	NA	NA	
101928287	ENSG00000203650	22.4725383	-0.30040432	0.39231876	0.16640834	0.356962	LINC01285

401993	ENSG00000203661	0	NA	NA	NA	NA	OR2T5
26246	ENSG00000203663	1.18857405	-0.00828753	0.38052827	0.88628064	NA	OR2L2
441932	ENSG00000203664	0	NA	NA	NA	NA	OR2W5P
84288	ENSG00000203666	195.862871	-0.13702468	0.17696772	0.3816738	0.6107766	EFCAB2
116228	ENSG00000203667	1009.18932	-0.25018633	0.0921967	0.00502507	0.0233101	COX20
1122	ENSG00000203668	2191.72575	-0.4311898	0.09239803	1.48E-06	1.62E-05	CHML
23596	ENSG00000203668	2191.72575	-0.4311898	0.09239803	1.48E-06	1.62E-05	CHML
574432	ENSG00000203684	2.64512127	0.04106861	0.37552362	0.66537299	0.83476667	IBA57-DT
375057	ENSG00000203685	9.79637966	0.04399185	0.34166208	0.78711755	0.90325712	STUM
441178	ENSG00000203688	2.82342767	-0.0657187	0.37918655	0.50335292	0.72006071	LINC02487
6953	ENSG00000203690	0.173733	0.01914545	0.38484597	0.78225479	NA	TCP10L3
388743	ENSG00000203697	0.34706974	-0.02334524	0.38533535	0.6762196	NA	CAPN8
128387	ENSG00000203705	361.749859	0.30466423	0.15663538	0.03284271	0.10778817	TATDN3
NA	ENSG00000203706	56.9840651	-0.17260172	0.25439798	0.37505	0.60431998	SERTAD4-AS1
NA	ENSG00000203709	63.0231255	-0.23395991	0.25106276	0.2319402	0.44861961	MIR29B2CHG
1378	ENSG00000203710	0	NA	NA	NA	NA	CR1
100130967	ENSG00000203711	10.1782314	0.04772016	0.3523614	0.74925648	0.88205755	C6orf99
554279	ENSG00000203721	0.66329621	-0.0236254	0.38271394	0.63618766	NA	LINC00862
353091	ENSG00000203722	1.13250251	0.06450809	0.38888264	0.27168088	NA	RAET1G
388722	ENSG00000203724	44.4299226	0.70298238	0.37612455	0.00967959	0.04042159	C1orf53
389432	ENSG00000203727	0	NA	NA	NA	NA	SAMD5
388719	ENSG00000203729	0	NA	NA	NA	NA	LINC00272
127670	ENSG00000203730	1.03528245	0.02217544	0.38190372	0.68565319	NA	TEDDM1
100126572	ENSG00000203733	0	NA	NA	NA	NA	GJE1
345930	ENSG00000203734	2.11418982	0.00383731	0.37533968	0.96487873	NA	ECT2L
9293	ENSG00000203737	0	NA	NA	NA	NA	GPR52
101928673	ENSG00000203739	43.8958869	0.3962983	0.34149283	0.08652708	0.22405342	PRDX6-AS1
149281	ENSG00000203740	0.33971012	0.00270698	0.38338593	0.96261173	NA	METTL11B
2214	ENSG00000203747	0	NA	NA	NA	NA	FCGR3A
253582	ENSG00000203756	0	NA	NA	NA	NA	TMEM244
391114	ENSG00000203757	0	NA	NA	NA	NA	OR6K3
NA	ENSG00000203758	0	NA	NA	NA	NA	OR10T1P
387103	ENSG00000203760	289.675973	0.23650806	0.15262889	0.09074888	0.23219728	CENPW
NA	ENSG00000203761	131.772535	0.31766083	0.19609863	0.06161581	0.17501182	MSTO2P
503542	ENSG00000203772	42.2334349	-0.80465532	0.42121893	0.00661942	0.02949895	SPRN
619208	ENSG00000203778	135.079538	0.09494336	0.20077528	0.58074732	0.77801412	FAM229B
92565	ENSG00000203780	5.06454	0.1776593	0.42669533	0.10669164	0.26139321	FANK1
NA	ENSG00000203781	0	NA	NA	NA	NA	S100A7P1

4014	ENSG00000203782	0	NA	NA	NA	NA	LORICRIN
574414	ENSG00000203783	0	NA	NA	NA	NA	PRR9
149018	ENSG00000203784	0	NA	NA	NA	NA	LELP1
6704	ENSG00000203785	0	NA	NA	NA	NA	SPRR2E
448834	ENSG00000203786	0	NA	NA	NA	NA	KPRP
399818	ENSG00000203791	257.676594	-0.29780193	0.15450733	0.03470936	0.11261384	EEF1AKMT2
118670	ENSG00000203795	0	NA	NA	NA	NA	FAM24A
8528	ENSG00000203797	2.0504227	-0.04896227	0.37926474	0.56923272	NA	DDO
NA	ENSG00000203799	1.84799025	0.04674527	0.38174718	0.52705153	NA	CCDC162P
387111	ENSG00000203801	1.48460441	-0.0566891	0.38529305	0.39601673	NA	LINC00222
NA	ENSG00000203804	9.12769133	-0.05245096	0.35925196	0.7017986	0.85652585	ADAMTSL4-AS1
196051	ENSG00000203805	4.43935481	-0.16943806	0.42821148	0.08336747	0.21800589	PLPP4
154442	ENSG00000203808	149.231411	-0.48363486	0.20308501	0.00623909	0.02799899	BVES-AS1
100113403	ENSG00000203809	17.6024994	-0.23789997	0.41013355	0.19783965	0.40199972	LIN28B-AS1
126961	ENSG00000203811	83.4568125	-1.24845961	0.26845749	3.07E-07	3.79E-06	H3C14
8337	ENSG00000203812	19.6318295	0.03209741	0.38686882	NA	NA	H2AC18
440689	ENSG00000203814	30.8221836	-0.15812268	0.3148089	0.42450412	0.65018652	H2BC18
NA	ENSG00000203825	0	NA	NA	NA	NA	
119548	ENSG00000203837	0	NA	NA	NA	NA	PNLIPRP3
NA	ENSG00000203855	0	NA	NA	NA	NA	HSD3BP4
3283	ENSG00000203857	0	NA	NA	NA	NA	HSD3B1
NA	ENSG00000203858	0	NA	NA	NA	NA	HSD3BP2
3284	ENSG00000203859	0	NA	NA	NA	NA	HSD3B2
388667	ENSG00000203864	0	NA	NA	NA	NA	LINC02868
84852	ENSG00000203865	111.946112	0.04857957	0.22915873	0.78840611	0.90400376	ATP1A1-AS1
282996	ENSG00000203867	1051.384	-0.00472065	0.0817706	0.95345871	0.98074558	RBM20
100132963	ENSG00000203870	0	NA	NA	NA	NA	SMIM9
206412	ENSG00000203872	23.0733747	0.09091674	0.30743964	0.63566384	0.81670577	C6orf163
NA	ENSG00000203875	3164.98281	-0.04021408	0.07133843	0.56541965	0.76735248	SNHG5
100505933	ENSG00000203876	4.90780552	0.03203307	0.36157291	0.804592	0.91124017	ADD3-AS1
134701	ENSG00000203877	207.96704	-0.73719051	0.19172432	2.35E-05	0.00020759	RIPPLY2
149620	ENSG00000203878	0	NA	NA	NA	NA	CHIAP2
2664	ENSG00000203879	5936.05558	-0.24504538	0.05081793	1.11E-06	1.25E-05	GDI1
55251	ENSG00000203880	1841.33204	-0.04794613	0.08036842	0.54100696	0.74955154	PCMTD2
54345	ENSG00000203883	0.70234143	0.00341976	0.38183495	0.94213787	NA	SOX18
54923	ENSG00000203896	252.749206	0.22761334	0.14840473	0.09563154	0.24117576	LIME1
642864	ENSG00000203897	0	NA	NA	NA	NA	SPATA42
100130587	ENSG00000203900	0.34051569	-0.00034141	0.38336262	0.96848892	NA	

441161	ENSG00000203907	0	NA	NA	NA	NA	OEEP
154288	ENSG00000203908	0	NA	NA	NA	NA	KHDC3L
340168	ENSG00000203909	0	NA	NA	NA	NA	DPPA5
388649	ENSG00000203910	0.18922458	0.01954053	0.38488496	0.78225479	NA	C1orf146
NA	ENSG00000203914	0.16735865	0.01897177	0.38482933	0.78225479	NA	HSP90B3P
494118	ENSG00000203923	0	NA	NA	NA	NA	SPANXN1
728712	ENSG00000203926	0	NA	NA	NA	NA	SPANXA2
NA	ENSG00000203930	706.619838	-0.17355218	0.15268113	0.21359997	0.42378234	LINC00632
347487	ENSG00000203933	0	NA	NA	NA	NA	CXorf66
414157	ENSG00000203942	0.18922458	0.01954053	0.38488496	0.78225479	NA	C10orf62
148418	ENSG00000203943	50.6671663	0.31620114	0.30715542	0.14451103	0.32462259	SAMD13
26071	ENSG00000203950	993.182835	0.34371622	0.08343131	2.36E-05	0.00020827	RTL8A
347475	ENSG00000203952	3.98718959	0.20647611	0.44781699	0.08708461	0.22523253	CCDC160
400757	ENSG00000203963	0	NA	NA	NA	NA	C1orf141
84455	ENSG00000203965	180.480856	0.07797186	0.17534993	0.61795139	0.80447215	EFCAB7
245913	ENSG00000203970	0	NA	NA	NA	NA	DEFB110
NA	ENSG00000203971	0	NA	NA	NA	NA	
389396	ENSG00000203972	0.16735865	0.01897177	0.38482933	0.78225479	NA	GLYATL3
388633	ENSG00000203985	0	NA	NA	NA	NA	LDLRAD1
100133077	ENSG00000203987	1.61125817	-0.10583626	0.40142466	0.12672416	NA	
727940	ENSG00000203989	0	NA	NA	NA	NA	RHOXF2B
85026	ENSG00000203993	315.702611	0.15004096	0.13860543	0.24595616	0.46518306	ARRDC1-AS1
440590	ENSG00000203995	174.44121	-0.15648226	0.16848275	0.30017673	0.52733399	ZYG11A
284751	ENSG00000203999	275.309881	0.50514763	0.1606872	0.00061445	0.00386236	LINC01270
138307	ENSG00000204001	0	NA	NA	NA	NA	LCN8
NA	ENSG00000204003	0	NA	NA	NA	NA	
284546	ENSG00000204006	0	NA	NA	NA	NA	C1orf185
360203	ENSG00000204007	0	NA	NA	NA	NA	GLT6D1
439996	ENSG00000204010	0.15069912	-0.01848503	0.38480575	0.84537521	NA	IFIT1B
NA	ENSG00000204011	0	NA	NA	NA	NA	COL5A1-AS1
203413	ENSG00000204019	0	NA	NA	NA	NA	CT83
643418	ENSG00000204020	0	NA	NA	NA	NA	LIPN
643414	ENSG00000204021	0	NA	NA	NA	NA	LIPK
142910	ENSG00000204022	0	NA	NA	NA	NA	LIPJ
100329135	ENSG00000204025	1.08255373	0.05607251	0.38976327	0.21070257	NA	TRPC5OS
NA	ENSG00000204031	0	NA	NA	NA	NA	LCN1P2
340745	ENSG00000204033	1.61614074	-0.09757152	0.3974854	0.15210627	NA	LRIT2
109729184	ENSG00000204044	46.7613863	-0.43262566	0.3515118	0.06689509	0.18544027	SLC12A5-AS1

NA	ENSG00000204049	1.22788028	0.01823213	0.38022092	0.77283183	NA	
221424	ENSG00000204052	44.1925979	0.10681445	0.28273765	0.58744379	0.78256674	LRRC73
NA	ENSG00000204053	0	NA	NA	NA	NA	MYCLP1
NA	ENSG00000204054	302.690865	0.08986846	0.14324362	0.49967844	0.71690947	LINC00963
NA	ENSG00000204055	1.25686791	-0.05755156	0.3858471	0.38486497	NA	
100132074	ENSG00000204060	89.2050536	-0.34727907	0.23189698	0.06800623	0.18768167	FOXO6
340543	ENSG00000204065	293.232678	-0.29035951	0.13997042	0.02541514	0.08824579	TCEAL5
90196	ENSG00000204070	313.1477	-0.06457944	0.14593503	0.63127252	0.8136456	SYS1
158931	ENSG00000204071	2.41939602	-0.05224609	0.37827401	0.56952389	NA	TCEAL6
NA	ENSG00000204072	0	NA	NA	NA	NA	ARMCX7P
3633	ENSG00000204084	386.645625	0.57735019	0.13370475	4.86E-06	4.90E-05	INPP5B
29935	ENSG00000204086	1.62561171	0.02838365	0.37940571	0.69677524	NA	RPA4
732253	ENSG00000204091	109.773133	-1.02636359	0.23961128	2.16E-06	2.31E-05	TDRG1
NA	ENSG00000204092	31.3610613	-1.3352491	0.47471636	0.0003431	0.0023114	LINC00951
129807	ENSG00000204099	15.629894	-0.41008674	0.52810896	0.07365839	0.19875293	NEU4
9935	ENSG00000204103	57.6762759	1.31880337	0.34639637	1.15E-05	0.00010836	MAFB
26146	ENSG00000204104	340.017718	0.36655501	0.19263002	0.02927361	0.09848879	TRAF3IP1
NA	ENSG00000204110	0.49034168	-0.01094288	0.3829019	0.82405874	NA	LINC02520
NA	ENSG00000204113	0.32444695	0.00134473	0.38336811	0.96743017	NA	BMP2KL
53344	ENSG00000204116	175.789763	0.08864327	0.18151438	0.58036024	0.77774473	CHIC1
100287792	ENSG00000204117	0.18922458	0.01954053	0.38488496	0.78225479	NA	
645996	ENSG00000204118	0	NA	NA	NA	NA	NAP1L6P
26058	ENSG00000204120	1596.00386	-0.41297682	0.09476323	6.62E-06	6.49E-05	GIGYF2
NA	ENSG00000204121	0	NA	NA	NA	NA	ECEL1P1
257407	ENSG00000204128	175.508947	-0.03175912	0.18518626	0.84317419	0.9288493	C2orf72
55680	ENSG00000204130	442.885167	-0.54688969	0.11678517	9.70E-07	1.10E-05	RUFY2
340527	ENSG00000204131	1359.39403	0.08927849	0.08551231	0.28382867	0.50900848	NHSL2
392490	ENSG00000204131	1359.39403	0.08927849	0.08551231	0.28382867	0.50900848	NHSL2
2681	ENSG00000204136	164.982164	-0.94115262	0.19888333	3.04E-07	3.76E-06	GGTA1
65979	ENSG00000204138	1695.72051	-0.02884711	0.07632328	0.69908829	0.85487569	PHACTR4
340204	ENSG00000204140	0	NA	NA	NA	NA	CLPSL1
653308	ENSG00000204147	567.524269	-0.24592667	0.15316118	0.0788437	0.20929342	ASAH2B
58483	ENSG00000204148	0	NA	NA	NA	NA	LINC00474
414189	ENSG00000204149	641.904687	0.19824816	0.10657662	0.05238997	0.15429309	AGAP6
100652748	ENSG00000204152	389.432129	0.04997866	0.12211244	0.66676483	0.83582576	TIMM23B
84243	ENSG00000204160	731.08727	-0.06619089	0.10925839	0.5252708	0.73786263	ZDHHC18
170371	ENSG00000204161	0	NA	NA	NA	NA	TMEM273
158830	ENSG00000204165	0	NA	NA	NA	NA	CXorf65

642517	ENSG00000204172	428.060713	0.24414701	0.12016461	0.03200493	0.10558327	AGAP9
652972	ENSG00000204173	1.16601517	-0.00703431	0.38037911	0.90452519	NA	LRRC37A5P
5540	ENSG00000204174	0.69675292	0.02298921	0.3839153	0.59834713	NA	NPY4R
9721	ENSG00000204175	30.4689553	0.9975471	0.53232719	0.00477064	0.02232299	GPRIN2
83849	ENSG00000204176	18.5927666	-0.21163999	0.40078715	0.22275921	0.4358511	SYT15
399761	ENSG00000204177	321.192274	-0.00742598	0.13454349	0.95198159	0.98012235	BMS1P1
55219	ENSG00000204178	895.208482	-0.37214397	0.09273456	3.37E-05	0.0002871	MACO1
26095	ENSG00000204179	27.8719757	-0.29838105	0.37139479	0.17089085	0.36292812	PTPN20
NA	ENSG00000204183	0.173124	-0.01911262	0.38486262	0.84537521	NA	GDF5-AS1
57683	ENSG00000204186	815.44751	-0.32001898	0.10699615	0.0017859	0.00970655	ZDBF2
449520	ENSG00000204188	0.85183244	0.0162954	0.38188389	0.75356296	NA	GGNBP1
255220	ENSG00000204193	0	NA	NA	NA	NA	TXNDC8
NA	ENSG00000204194	3.42688125	0.04309508	0.37971794	0.59479757	0.78787011	RPL12P1
158833	ENSG00000204195	0	NA	NA	NA	NA	AWAT1
NA	ENSG00000204196	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RPL12P16
1616	ENSG00000204209	2441.87321	-0.09765878	0.06443045	0.12385404	0.29169785	DAXX
113523636	ENSG00000204209	2441.87321	-0.09765878	0.06443045	0.12385404	0.29169785	DAXX
659	ENSG00000204217	2159.77044	-0.32382462	0.06624302	6.65E-07	7.77E-06	BMPR2
6920	ENSG00000204219	9.31560075	1.18512121	1.50598859	0.00920855	0.03873173	TCEA3
10471	ENSG00000204220	945.53148	-0.00179095	0.09024317	0.98296934	0.99428951	PFDN6
6015	ENSG00000204227	985.891521	0.1705309	0.08311263	0.03549333	0.11453931	RING1
7923	ENSG00000204228	84.6740845	0.58692328	0.28178151	0.00903086	0.03811757	HSD17B8
6257	ENSG00000204231	1163.20793	-0.00085181	0.08035027	0.99092967	0.99695967	RXRB
339229	ENSG00000204237	746.148645	0.09758588	0.11260296	0.36491484	0.59440972	OXLD1
100128239	ENSG00000204241	25.2862957	-0.19864687	0.33359245	0.32447029	0.55221149	LINC02731
138803	ENSG00000204246	0	NA	NA	NA	NA	OR13C3
1302	ENSG00000204248	103.275525	0.47871977	0.29684228	0.03236291	0.10653394	COL11A2
414319	ENSG00000204250	0	NA	NA	NA	NA	LINC00587
3111	ENSG00000204252	0.32291469	0.00129779	0.38336776	0.96865395	NA	HLA-DOA
NA	ENSG00000204253	1.63660251	0.02613906	0.37923633	0.71809995	NA	HNRNPCP2
6046	ENSG00000204256	5229.15646	0.2109022	0.05751253	0.00020905	0.00148124	BRD2
3108	ENSG00000204257	11.0027819	0.7454281	0.94116254	0.02114575	0.07618153	HLA-DMA
100507463	ENSG00000204261	3.20331856	0.03455801	0.3734787	0.72254315	0.86754018	PSMB8-AS1
1290	ENSG00000204262	66.9243645	0.45156273	0.30779198	0.04659612	0.14105386	COL5A2
5696	ENSG00000204264	37.6057281	0.17118559	0.29156214	0.39700275	0.62606586	PSMB8
6891	ENSG00000204267	160.043391	0.34620043	0.21413853	0.05585251	0.16214719	TAP2
169981	ENSG00000204271	560.790883	0.19558422	0.11192201	0.06710028	0.18582768	SPIN3
550643	ENSG00000204272	419.415152	0.12984945	0.12546947	0.27315818	0.49676945	NBDY

100996291	ENSG00000204277	0.64084514	0.00289197	0.38136785	0.95418768	NA	LINC01993
283999	ENSG00000204278	8.61055269	0.15252667	0.38196971	0.33417143	0.56389725	TMEM235
139793	ENSG00000204279	0.30001564	-0.02294458	0.38527538	0.68644889	NA	PAGE3
400624	ENSG00000204283	6.14101164	-0.04375929	0.37202451	0.66442369	0.83444869	LINC01973
3122	ENSG00000204287	0	NA	NA	NA	NA	HLA-DRA
56244	ENSG00000204290	0	NA	NA	NA	NA	BTNL2
1306	ENSG00000204291	0	NA	NA	NA	NA	COL15A1
10665	ENSG00000204296	0	NA	NA	NA	NA	TSBP1
338661	ENSG00000204300	0	NA	NA	NA	NA	TMEM225
4855	ENSG00000204301	226.546945	-0.33094984	0.17776191	0.03588639	0.11558215	NOTCH4
5089	ENSG00000204304	1769.04627	0.25678932	0.07961771	0.00095803	0.00570447	PBX2
177	ENSG00000204305	85.4713429	0.19479307	0.22944875	0.29583492	0.52251089	AGER
6048	ENSG00000204308	890.667048	0.01204224	0.09000105	0.89108194	0.95273684	RNF5
10554	ENSG00000204310	2465.60218	-0.0623665	0.06608486	0.33757044	0.56786481	AGPAT1
494513	ENSG00000204311	40.8338211	0.52249464	0.39415055	0.04122499	0.12836755	PJKK
80863	ENSG00000204314	100.049057	0.60089311	0.24654686	0.00368458	0.0180143	PRRT1
100507547	ENSG00000204314	100.049057	0.60089311	0.24654686	0.00368458	0.0180143	PRRT1
63943	ENSG00000204315	93.2126766	-0.15734834	0.20798309	0.36921427	0.59862194	FKBP1
64978	ENSG00000204316	985.949724	0.06701155	0.0966045	0.47398901	0.69607269	MRPL38
643008	ENSG00000204323	14.1185683	0.02204598	0.3331282	0.89663196	0.95469109	SMIM5
285141	ENSG00000204334	1.020046	0.05850572	0.38757233	0.313004	NA	ERICH2
389058	ENSG00000204335	0	NA	NA	NA	NA	SP5
NA	ENSG00000204338	1.75524888	-0.01958176	0.37682227	0.80619051	NA	CYP21A1P
8859	ENSG00000204344	357.072769	0.29588605	0.13134348	0.01623374	0.06150035	STK19
100131439	ENSG00000204345	0	NA	NA	NA	NA	CD300LD
388419	ENSG00000204347	0.62399897	-0.03619255	0.38661507	0.4273305	NA	BTBD17
1797	ENSG00000204348	511.597788	0.13877791	0.1099726	0.18744972	0.38775961	DXO
6499	ENSG00000204351	1492.87787	0.28881885	0.08052266	0.0002377	0.00165882	SKIV2L
NA	ENSG00000204352	43.0585812	0.53982087	0.35846757	0.03036443	0.10131192	C9orf129
7936	ENSG00000204356	1305.42385	0.19897401	0.07614952	0.00760844	0.03312519	NELFE
120406	ENSG00000204361	0.18922458	0.01954053	0.38488496	0.78225479	NA	NXPE2
400743	ENSG00000204362	0	NA	NA	NA	NA	LINC02783
494197	ENSG00000204363	0	NA	NA	NA	NA	SPANXN5
221527	ENSG00000204366	1131.25474	-0.01206027	0.09274683	0.89262147	0.95351371	ZBTB12
NA	ENSG00000204368	0	NA	NA	NA	NA	
6392	ENSG00000204370	745.835332	-0.00229616	0.0975629	0.98005752	0.99338199	SDHD
10919	ENSG00000204371	2908.70712	0.09517687	0.06177118	0.11822478	0.28215801	EHMT2
653220	ENSG00000204379	353.813255	-1.09741853	0.1440367	3.02E-15	8.44E-14	XAGE1A

100129029	ENSG00000204380	11.2961098	0.03199383	0.33998257	0.84467964	0.92965052	PKP4-AS1
143903	ENSG00000204381	217.455872	1.67433881	0.19843692	2.36E-18	8.11E-17	LAYN
653067	ENSG00000204382	1.60690846	0.04707782	0.38111878	0.54091693	NA	XAGE1B
80736	ENSG00000204385	1.47948131	0.03726333	0.38295883	0.50725379	NA	SLC44A4
4758	ENSG00000204386	444.949237	-0.36896483	0.13508717	0.00342832	0.01695359	NEU1
50854	ENSG00000204387	1733.15093	0.1175847	0.07763375	0.12160199	0.2881729	SNHG32
3304	ENSG00000204388	1484.45397	0.49886804	0.26920471	0.01988978	0.07265777	HSPA1B
3303	ENSG00000204389	1840.74147	0.56381923	0.23275768	0.00431272	0.02057329	HSPA1A
3305	ENSG00000204390	54.9302597	0.23665846	0.27405554	0.24506402	0.46389372	HSPA1L
57819	ENSG00000204392	675.062708	0.06729285	0.10485522	0.50541641	0.72165971	LSM2
149950	ENSG00000204393	0	NA	NA	NA	NA	NOL4L-DT
7407	ENSG00000204394	3540.45801	0.21847594	0.06786781	0.00102694	0.00604406	VAR51
80737	ENSG00000204396	10.0723146	0.15412082	0.38539783	0.31241551	0.54015893	VWA7
114769	ENSG00000204397	0	NA	NA	NA	NA	CARD16
NA	ENSG00000204398	0	NA	NA	NA	NA	
NA	ENSG00000204399	0	NA	NA	NA	NA	
100506742	ENSG00000204403	0	NA	NA	NA	NA	CASP12
55777	ENSG00000204406	520.902178	-0.15946741	0.30650285	0.42319721	0.64917034	MBD5
4439	ENSG00000204410	758.084608	0.49458131	0.09947964	2.68E-07	3.34E-06	MSH5
1444	ENSG00000204414	0	NA	NA	NA	NA	CSHL1
80739	ENSG00000204420	6.03638886	0.16253691	0.40393116	0.23408221	0.45093611	MPIG6B
80740	ENSG00000204421	1.4729201	0.06935505	0.39038739	0.20951455	NA	LY6G6C
NA	ENSG00000204422	0	NA	NA	NA	NA	
259215	ENSG00000204424	0	NA	NA	NA	NA	LY6G6F
7920	ENSG00000204427	535.510558	0.28332001	0.10836201	0.0062856	0.02818224	ABHD16A
80741	ENSG00000204428	27.5209044	0.20689134	0.32615356	0.31433845	0.5421676	LY6G5C
NA	ENSG00000204429	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000204434	0.47049773	-0.02830157	0.38579648	0.54521756	NA	POTEKP
1460	ENSG00000204435	1881.12656	0.31335607	0.08226473	9.34E-05	0.00071649	CSNK2B
NA	ENSG00000204437	0	NA	NA	NA	NA	CTSLP6
7918	ENSG00000204438	502.854767	-0.07256581	0.13971767	0.57597881	0.77463528	GPANK1
57827	ENSG00000204439	390.209298	0.14207193	0.13124214	0.24910769	0.46846413	C6orf47
728215	ENSG00000204442	866.619538	-0.08271821	0.08585307	0.32162551	0.54929628	FAM155A
55937	ENSG00000204444	36.0486289	0.21716454	0.30163236	0.29438434	0.52061418	APOM
401535	ENSG00000204446	0.5972779	-0.02732172	0.38586499	0.50076333	NA	LINC02872
642612	ENSG00000204449	0	NA	NA	NA	NA	TRIM49C
120146	ENSG00000204450	0	NA	NA	NA	NA	TRIM64
NA	ENSG00000204455	0	NA	NA	NA	NA	TRIM51BP

NA	ENSG00000204456	0	NA	NA	NA	NA	
151121	ENSG00000204460	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC01854
7917	ENSG00000204463	6371.21001	0.17535989	0.06155512	0.0038843	0.01880082	BAG6
727684	ENSG00000204464	0	NA	NA	NA	NA	C1orf195
7916	ENSG00000204469	10714.3544	0.16222107	0.04743602	0.00056783	0.00360737	PRRC2A
NA	ENSG00000204471	0	NA	NA	NA	NA	TBC1D3P4
199	ENSG00000204472	0	NA	NA	NA	NA	AIF1
259197	ENSG00000204475	0	NA	NA	NA	NA	NCR3
645425	ENSG00000204478	0	NA	NA	NA	NA	PRAMEF20
391004	ENSG00000204479	0	NA	NA	NA	NA	PRAMEF17
645414	ENSG00000204480	0	NA	NA	NA	NA	PRAMEF19
729528	ENSG00000204481	0	NA	NA	NA	NA	PRAMEF14
7940	ENSG00000204482	1.21358277	-0.00117298	0.38068136	0.91953419	NA	LST1
4795	ENSG00000204498	646.118882	-0.03082098	0.12315017	0.79194643	0.90499209	NFKBIL1
653619	ENSG00000204501	0	NA	NA	NA	NA	PRAMEF15
343070	ENSG00000204505	0	NA	NA	NA	NA	PRAMEF9
441871	ENSG00000204510	0	NA	NA	NA	NA	PRAMEF7
401250	ENSG00000204511	0.18922458	0.01954053	0.38488496	0.78225479	NA	MCCD1
730051	ENSG00000204514	399.177505	-0.36821692	0.19938851	0.03250756	0.10692141	ZNF814
4277	ENSG00000204516	0	NA	NA	NA	NA	MICB
343066	ENSG00000204518	0	NA	NA	NA	NA	AADA4L4
90233	ENSG00000204519	401.141732	-0.47215068	0.16003195	0.00124441	0.00712732	ZNF551
100507436	ENSG00000204520	0	NA	NA	NA	NA	MICA
390980	ENSG00000204524	232.670435	-0.03853072	0.15312428	0.7827046	0.90105949	ZNF805
3107	ENSG00000204525	509.037216	1.19443164	0.11672778	1.56E-25	7.55E-24	HLA-C
NA	ENSG00000204528	0	NA	NA	NA	NA	PSORS1C3
NA	ENSG00000204529	0	NA	NA	NA	NA	GUCY2EP
5460	ENSG00000204531	2.68213873	0.04115475	0.376934	0.64810709	0.82447067	POU5F1
649137	ENSG00000204532	0	NA	NA	NA	NA	ZSCAN5C
54535	ENSG00000204536	396.325561	0.29592165	0.14224996	0.02478676	0.08654862	CCHCR1
170680	ENSG00000204538	0	NA	NA	NA	NA	PSORS1C2
1041	ENSG00000204539	0	NA	NA	NA	NA	CDSN
170679	ENSG00000204540	0	NA	NA	NA	NA	PSORS1C1
29113	ENSG00000204542	0	NA	NA	NA	NA	C6orf15
394263	ENSG00000204544	0	NA	NA	NA	NA	MUC21
245935	ENSG00000204547	0	NA	NA	NA	NA	DEFB122
245934	ENSG00000204548	0	NA	NA	NA	NA	DEFB121
NA	ENSG00000204555	0	NA	NA	NA	NA	CFTRP3

NA	ENSG00000204556	3.6981796	0.10333135	0.39059326	0.31180589	0.53952807	
8449	ENSG00000204560	1041.44261	-0.03840697	0.09769803	0.68339148	0.845714	DHX16
221545	ENSG00000204564	173.338585	-0.18128114	0.16741752	0.2276885	0.44257273	C6orf136
28973	ENSG00000204568	566.329695	-0.38792741	0.1406752	0.00299386	0.01509866	MRPS18B
5514	ENSG00000204569	1923.98578	-0.61392404	0.08373132	6.96E-14	1.73E-12	PPP1R10
440051	ENSG00000204571	0	NA	NA	NA	NA	KRTAP5-11
387273	ENSG00000204572	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KRTAP5-10
23	ENSG00000204574	2563.25362	-0.03278613	0.06766732	0.62195926	0.80695268	ABCF1
80742	ENSG00000204576	1132.46923	-0.15730434	0.07975082	0.04342904	0.13354497	PRR3
11025	ENSG00000204577	1.56561859	-0.02688328	0.37794866	0.73059694	NA	LILRB3
102725035	ENSG00000204577	1.56561859	-0.02688328	0.37794866	0.73059694	NA	LILRB3
107987425	ENSG00000204577	1.56561859	-0.02688328	0.37794866	0.73059694	NA	LILRB3
107987462	ENSG00000204577	1.56561859	-0.02688328	0.37794866	0.73059694	NA	LILRB3
780	ENSG00000204580	605.68724	0.78194665	0.16139352	2.33E-07	2.93E-06	DDR1
400997	ENSG00000204581	6.70143712	0.1882635	0.4096735	0.21917825	0.43105634	ACOXL-AS1
100507055	ENSG00000204583	0	NA	NA	NA	NA	LRCOL1
NA	ENSG00000204584	2.3213679	0.0229678	0.37691629	0.7787354	NA	
440894	ENSG00000204588	3.15051756	-0.04147031	0.37685431	0.64479319	0.82273439	LINC01123
2794	ENSG00000204590	2163.22276	-0.33373952	0.07877426	1.44E-05	0.0001328	GNL1
3133	ENSG00000204592	112.867827	2.62485841	0.27358241	6.09E-23	2.64E-21	HLA-E
503834	ENSG00000204595	0	NA	NA	NA	NA	DPRX
56658	ENSG00000204599	321.595599	-0.07802698	0.17555434	0.61599197	0.80313338	TRIM39
116437	ENSG00000204603	0.49101175	-0.02928285	0.38588267	0.52914013	NA	LINC01257
90333	ENSG00000204604	288.978781	0.14124516	0.1350598	0.26327431	0.48530728	ZNF468
89870	ENSG00000204610	0	NA	NA	NA	NA	TRIM15
90317	ENSG00000204611	337.971397	-0.01048297	0.13905943	0.93438237	0.97267151	ZNF616
442425	ENSG00000204612	0	NA	NA	NA	NA	FOXB2
10107	ENSG00000204613	0.16735865	0.01897177	0.38482933	0.78225479	NA	TRIM10
135644	ENSG00000204614	0.18922458	0.01954053	0.38488496	0.78225479	NA	TRIM40
11074	ENSG00000204616	0.16735865	0.01897177	0.38482933	0.78225479	NA	TRIM31
80352	ENSG00000204618	43.1399357	0.59298959	0.36716154	0.02139258	0.07686143	RNF39
6992	ENSG00000204619	687.271808	-0.34875443	0.10256472	0.00040094	0.00265244	PPP1R11
NA	ENSG00000204620	11.4561692	0.08345113	0.34227619	0.62459025	0.80860493	
NA	ENSG00000204622	4.52429247	-0.03395698	0.36577002	0.77163571	0.89527792	HLA-J
80862	ENSG00000204623	313.767055	0.07200613	0.14087364	0.58349335	0.77994081	ZNRD1ASP
57540	ENSG00000204624	846.415246	-2.02552679	0.11884004	2.54E-66	3.79E-64	DISP3
10255	ENSG00000204625	0.173124	-0.01911262	0.38486262	0.84537521	NA	HCG9
10399	ENSG00000204628	28128.9094	0.05249021	0.05458372	0.33324081	0.56270076	RACK1

3135	ENSG00000204632	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HLA-G
11138	ENSG00000204634	556.71771	1.19121229	0.12270712	3.07E-23	1.36E-21	TBC1D8
NA	ENSG00000204637	0	NA	NA	NA	NA	ARPP19P2
129521	ENSG00000204640	0	NA	NA	NA	NA	NMS
3134	ENSG00000204642	0.91404668	-0.00896902	0.3812081	0.86891107	NA	HLA-F
346171	ENSG00000204644	0	NA	NA	NA	NA	ZFP57
280660	ENSG00000204648	0	NA	NA	NA	NA	SSX9P
147081	ENSG00000204650	1009.93247	-0.10476	0.08665001	0.21373079	0.4238788	LINC02210
NA	ENSG00000204652	0	NA	NA	NA	NA	RPS26P8
554235	ENSG00000204653	138.21949	-1.70376183	0.24127235	1.19E-13	2.89E-12	ASPDH
4340	ENSG00000204655	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MOG
7932	ENSG00000204657	2.13817174	0.06313732	0.38200839	0.47386831	NA	OR2H2
NA	ENSG00000204658	0	NA	NA	NA	NA	CST9LP2
646019	ENSG00000204659	2.63491305	0.08611121	0.39268695	0.23666649	0.45349268	CBY3
285679	ENSG00000204661	0.7961785	-0.0042968	0.38212318	0.92706881	NA	C5orf60
NA	ENSG00000204662	0	NA	NA	NA	NA	CST9LP1
164380	ENSG00000204663	0	NA	NA	NA	NA	CST13P
400710	ENSG00000204666	0.8566524	0.04855441	0.38842135	0.27272764	NA	
138240	ENSG00000204669	0	NA	NA	NA	NA	C9orf57
NA	ENSG00000204670	0	NA	NA	NA	NA	IGKV1OR2-3
386653	ENSG00000204671	0	NA	NA	NA	NA	IL31
84335	ENSG00000204673	1453.21489	-0.0678032	0.08017877	0.38658148	0.61566669	AKT1S1
653316	ENSG00000204677	3.92878899	-0.10959775	0.38811972	0.33555136	0.5655232	FAM153CP
2550	ENSG00000204681	770.717538	0.62110545	0.12050745	7.05E-08	9.47E-07	GABBR1
399726	ENSG00000204682	347.007603	0.82177902	0.13216385	9.04E-11	1.75E-09	MIR1915HG
284788	ENSG00000204684	0	NA	NA	NA	NA	
NA	ENSG00000204685	160.318572	-0.02912105	0.17320515	0.84937371	0.93154246	STARD7-AS1
116511	ENSG00000204687	0	NA	NA	NA	NA	MAS1L
26716	ENSG00000204688	0	NA	NA	NA	NA	OR2H1
26531	ENSG00000204694	0	NA	NA	NA	NA	OR11A1
442191	ENSG00000204695	0	NA	NA	NA	NA	OR14J1
NA	ENSG00000204697	0	NA	NA	NA	NA	OR2U1P
NA	ENSG00000204699	0	NA	NA	NA	NA	UBTFL3
26707	ENSG00000204700	0	NA	NA	NA	NA	OR2J2
442186	ENSG00000204701	0	NA	NA	NA	NA	OR2J3
442185	ENSG00000204702	0	NA	NA	NA	NA	OR2J1
442184	ENSG00000204703	0	NA	NA	NA	NA	OR2B3
26692	ENSG00000204704	0	NA	NA	NA	NA	OR2W1

NA	ENSG00000204705	0	NA	NA	NA	NA	UBTFL5
NA	ENSG00000204706	5.7859449	0.04847669	0.36203485	0.71536693	0.86274919	MAMDC2-AS1
NA	ENSG00000204709	0.45209736	-0.02505403	0.38558831	0.57865948	NA	LINC01556
387778	ENSG00000204710	0	NA	NA	NA	NA	SPDYC
138255	ENSG00000204711	0	NA	NA	NA	NA	C9orf135
5987	ENSG00000204713	2477.71545	-0.09670379	0.06393463	0.124731	0.29302114	TRIM27
NA	ENSG00000204718	0	NA	NA	NA	NA	CNN2P12
340895	ENSG00000204740	0.56767373	0.02627943	0.38574813	0.49686938	NA	MALRD1
NA	ENSG00000204745	20.4013739	0.20295917	0.36563841	0.29694732	0.5236583	
NA	ENSG00000204754	0	NA	NA	NA	NA	LINC01951
100268168	ENSG00000204758	2.87227254	-0.00715993	0.37239544	0.93769195	0.97366414	
64901	ENSG00000204764	224.145589	0.0671173	0.18377896	0.67839613	0.84291038	RANBP17
100131897	ENSG00000204767	1.62332779	-0.10774728	0.40471665	0.06293501	NA	INSYN2B
NA	ENSG00000204776	0	NA	NA	NA	NA	IGKV1OR-3
NA	ENSG00000204778	17.5187644	-0.05644151	0.34199931	0.72763603	0.86981375	CBWD4P
653427	ENSG00000204779	3.97332606	-0.00830487	0.36775332	0.93723126	0.97354401	FOXDL5
NA	ENSG00000204780	0	NA	NA	NA	NA	IGKV1OR9-1
NA	ENSG00000204787	0	NA	NA	NA	NA	REG1CP
NA	ENSG00000204789	117.863517	0.34646526	0.22066108	0.06068362	0.17285902	ZNF204P
NA	ENSG00000204790	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000204791	31.0774475	-0.71786568	0.47586191	0.01631915	0.0617532	SMPD5
NA	ENSG00000204792	68.0364568	-0.05833747	0.22577707	0.74883912	0.88205755	LINC01291
NA	ENSG00000204801	0	NA	NA	NA	NA	FGF7P7
NA	ENSG00000204802	92.608758	0.00481816	0.26640035	0.98198943	0.99406451	
NA	ENSG00000204814	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
83538	ENSG00000204815	85.1947479	0.48838916	0.26855734	0.02201333	0.07869268	ODAD4
NA	ENSG00000204816	0	NA	NA	NA	NA	FGF7P5
NA	ENSG00000204818	0	NA	NA	NA	NA	ADGRF5P2
116540	ENSG00000204822	746.933638	0.12024345	0.09995384	0.21278681	0.42263393	MRPL53
100128098	ENSG00000204832	0	NA	NA	NA	NA	ST8SIA6-AS1
NA	ENSG00000204837	24.8475453	-0.14528455	0.32690854	0.45147614	0.67474853	FGF7P3
642475	ENSG00000204839	57.6015709	0.21567992	0.27243615	0.28549738	0.51095086	MROH6
6311	ENSG00000204842	1346.89733	0.15796011	0.08510944	0.05668334	0.16395938	ATXN2
1639	ENSG00000204843	5161.35735	-0.18422868	0.05573094	0.00065072	0.00405601	DCTN1
647060	ENSG00000204849	0	NA	NA	NA	NA	SPATA31A1
NA	ENSG00000204850	14.3811596	-0.00808861	0.35740352	0.94835044	0.97876335	
57469	ENSG00000204851	146.314609	-0.0203309	0.1934233	0.90203287	0.95687554	PNMA8B
79600	ENSG00000204852	682.060466	0.10173053	0.10856916	0.3285659	0.55706267	TCTN1

29902	ENSG00000204856	542.277406	-0.10566613	0.11324811	0.32789361	0.55639832	FAM216A
3104	ENSG00000204859	431.638899	0.41073223	0.15219312	0.00336529	0.01667518	ZBTB48
NA	ENSG00000204860	138.867279	-0.60033652	0.22848816	0.00217136	0.01148486	FAM201A
147920	ENSG00000204866	0	NA	NA	NA	NA	IGFL2
444882	ENSG00000204869	0.173124	-0.01911262	0.38486262	0.84537521	NA	IGFL4
51471	ENSG00000204872	0.18922458	0.01954053	0.38488496	0.78225479	NA	NAT8B
83900	ENSG00000204873	0	NA	NA	NA	NA	KRTAP9-3
NA	ENSG00000204876	0	NA	NA	NA	NA	
728224	ENSG00000204880	0	NA	NA	NA	NA	KRTAP4-8
2843	ENSG00000204882	0.95047514	-0.05304929	0.38916907	0.25367556	NA	GPR20
728255	ENSG00000204887	0	NA	NA	NA	NA	KRTAP1-4
125115	ENSG00000204889	0	NA	NA	NA	NA	KRT40
NA	ENSG00000204894	0	NA	NA	NA	NA	
147183	ENSG00000204897	0	NA	NA	NA	NA	KRT25
440145	ENSG00000204899	773.677476	-0.26720857	0.09853713	0.00483665	0.02258926	MZT1
724087	ENSG00000204904	1.85127649	0.04458732	0.38120659	0.55237706	NA	LINC01545
643394	ENSG00000204909	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SPINK9
100505591	ENSG00000204913	0.52985576	0.01340518	0.38291283	0.74463734	NA	LRRC3C
NA	ENSG00000204915	0	NA	NA	NA	NA	MFFP3
122183	ENSG00000204919	0	NA	NA	NA	NA	PRR20A
7711	ENSG00000204920	148.460559	0.06127998	0.18823355	0.70959047	0.86070548	ZNF155
790955	ENSG00000204922	363.965795	-0.058443	0.12479217	0.61962459	0.80569877	UQCC3
554251	ENSG00000204923	105.410898	0.03427237	0.19863792	0.84218074	0.92836346	FBXO48
643226	ENSG00000204928	0	NA	NA	NA	NA	GRXCR2
101927533	ENSG00000204929	4.24264568	0.00902674	0.36428499	0.94125734	0.97559098	
392307	ENSG00000204930	0.72631173	0.01461167	0.38232703	0.78672146	NA	FAM221B
NA	ENSG00000204933	0	NA	NA	NA	NA	CD177P1
401431	ENSG00000204934	204.14043	0.16126695	0.15716041	0.26063129	0.48260891	ATP6V0E2-AS1
57126	ENSG00000204936	0	NA	NA	NA	NA	CD177
5673	ENSG00000204941	0	NA	NA	NA	NA	PSG5
100289678	ENSG00000204946	892.523704	0.15724374	0.0888347	0.06864793	0.18884842	ZNF783
155054	ENSG00000204947	117.404186	0.01583064	0.20070454	0.92668345	0.96932621	ZNF425
100131726	ENSG00000204949	0.16735865	0.01897177	0.38482933	0.78225479	NA	FAM83A-AS1
390205	ENSG00000204950	11.8108903	-0.17556904	0.38610559	0.29603013	0.52267989	LRRC10B
494188	ENSG00000204952	0	NA	NA	NA	NA	FBXO47
728568	ENSG00000204954	284.107948	0.09677296	0.14931154	0.48211109	0.70272402	C12orf73
56114	ENSG00000204956	41.7915446	0.08330248	0.26654125	0.66922612	0.83726414	PCDHGA1
NA	ENSG00000204959	0	NA	NA	NA	NA	ARHGEF34P

338436	ENSG00000204960	0.14931947	-0.01844332	0.38480212	0.84537521	NA	BLACE
9752	ENSG00000204961	8.16419195	-0.39674454	0.67122915	0.02715946	0.09292009	PCDHA9
56140	ENSG00000204962	124.332498	-0.66150805	0.22370989	0.00068725	0.00425427	PCDHA8
56141	ENSG00000204963	21.4381297	-0.06255987	0.31030263	0.73423591	0.87349286	PCDHA7
56143	ENSG00000204965	24.0710221	-0.0662624	0.3092015	0.7227812	0.86755463	PCDHA5
56144	ENSG00000204967	157.816204	0.06810323	0.17635517	0.66489656	0.83454529	PCDHA4
56146	ENSG00000204969	142.529158	0.09491364	0.17555038	0.54413233	0.75209596	PCDHA2
56147	ENSG00000204970	27.1219304	-0.00485553	0.29877411	0.97755497	0.99237749	PCDHA1
NA	ENSG00000204971	0	NA	NA	NA	NA	
10206	ENSG00000204977	833.966628	-0.25786625	0.11450271	0.01788791	0.06662215	TRIM13
100170765	ENSG00000204978	0	NA	NA	NA	NA	ERICH4
503497	ENSG00000204979	0	NA	NA	NA	NA	MS4A13
NA	ENSG00000204982	0	NA	NA	NA	NA	PRSS3P4
5644	ENSG00000204983	0	NA	NA	NA	NA	PRSS1
NA	ENSG00000204989	0	NA	NA	NA	NA	OR4D8P
NA	ENSG00000204990	0.173124	-0.01911262	0.38486262	0.84537521	NA	
84501	ENSG00000204991	589.830083	-0.46838224	0.10833797	6.55E-06	6.44E-05	SPIRE2
NA	ENSG00000204993	0	NA	NA	NA	NA	CRTC1P1
441376	ENSG00000205002	2.97792685	0.23933132	0.49848727	0.00393856	0.01904948	AARD
400558	ENSG00000205015	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02138
NA	ENSG00000205018	0	NA	NA	NA	NA	
390748	ENSG00000205022	0	NA	NA	NA	NA	PABPN1L
NA	ENSG00000205025	0	NA	NA	NA	NA	OR5G5P
390144	ENSG00000205029	0	NA	NA	NA	NA	OR5D16
26338	ENSG00000205030	0	NA	NA	NA	NA	OR5L2
440040	ENSG00000205035	0	NA	NA	NA	NA	
400553	ENSG00000205037	82.5402522	0.09918332	0.30413629	0.60517217	0.79522617	
93035	ENSG00000205038	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PKHD1L1
NA	ENSG00000205041	60.0910708	-0.04596738	0.24091209	0.80554853	0.91190704	
NA	ENSG00000205044	0	NA	NA	NA	NA	
100506736	ENSG00000205045	0	NA	NA	NA	NA	
400952	ENSG00000205054	3.38415093	-0.09283552	0.39384954	0.13144232	0.30411845	LINC01121
NA	ENSG00000205056	0	NA	NA	NA	NA	LINC02397
574016	ENSG00000205057	0	NA	NA	NA	NA	CLLU1-AS1
84912	ENSG00000205060	3308.45786	-0.00756255	0.06114193	0.89719639	0.95488961	SLC35B4
3963	ENSG00000205076	0	NA	NA	NA	NA	LGALS7
653499	ENSG00000205076	0	NA	NA	NA	NA	LGALS7
100130958	ENSG00000205078	29.7349183	0.40894427	0.38637765	0.08745439	0.22586501	SYCE1L

79583	ENSG00000205084	264.968205	-0.0254054	0.14736224	0.85080365	0.93249058	TMEM231
346653	ENSG00000205085	15.3614627	-0.06783374	0.34239723	0.67535129	0.84111426	FAM71F2
400950	ENSG00000205086	33.7346619	0.0385041	0.29045153	0.84226523	0.92836346	C2orf91
645121	ENSG00000205089	4.59024297	-0.05001064	0.36583992	0.68674597	0.84769738	CCNI2
339453	ENSG00000205090	125.275887	-0.03037416	0.19941674	0.85660714	0.93595581	TMEM240
448831	ENSG00000205097	2.8287159	0.0945773	0.39288114	0.2597402	0.48138679	FRG2
NA	ENSG00000205100	0	NA	NA	NA	NA	HSP90AA4P
NA	ENSG00000205105	0	NA	NA	NA	NA	COX17P1
374387	ENSG00000205106	0	NA	NA	NA	NA	LINC02716
259308	ENSG00000205108	3.53478474	0.02338491	0.36781749	0.83515282	0.92475394	FAM205A
344387	ENSG00000205111	35.4564556	-0.14069823	0.31051843	0.47210043	0.69438543	CDKL4
643965	ENSG00000205116	10.729126	-0.03430632	0.3374612	0.8329667	0.9239848	TMEM88B
390110	ENSG00000205126	2.10594681	0.0990863	0.3996738	0.10167793	NA	ACCSL
441054	ENSG00000205129	8.59712268	0.2105712	0.4200688	0.19033532	0.39167661	C4orf47
286144	ENSG00000205133	360.09082	0.00757778	0.13320632	0.95223619	0.98019954	TRIQQ
644096	ENSG00000205138	301.018547	-0.14810399	0.13903476	0.25180496	0.47165884	SDHAF1
138715	ENSG00000205143	3.19611991	0.02110297	0.36953972	0.84364689	0.92926684	ARID3C
55851	ENSG00000205155	443.884627	0.07771727	0.13214063	0.53158875	0.74286115	PSENE1
NA	ENSG00000205174	0	NA	NA	NA	NA	C7orf66
NA	ENSG00000205176	0	NA	NA	NA	NA	REXO1L1P
100131378	ENSG00000205177	1.49027968	-0.00723017	0.37722093	0.92291141	NA	C11orf91
149837	ENSG00000205181	45.4486501	-2.18828654	0.40681264	4.68E-09	7.36E-08	LINC00654
NA	ENSG00000205184	0	NA	NA	NA	NA	SLC10A5P1
646480	ENSG00000205186	0	NA	NA	NA	NA	FABP9
65986	ENSG00000205189	847.781415	-0.00567366	0.10295684	0.95300749	0.98058207	ZBTB10
201725	ENSG00000205208	1028.64596	0.11429228	0.09236044	0.20241915	0.40796383	C4orf46
284402	ENSG00000205209	50.842098	0.53362916	0.51847831	0.04429736	0.13554282	SCGB2B2
339184	ENSG00000205212	48.5823395	-0.90259929	0.45523877	0.00442473	0.02102172	CCDC144NL
55366	ENSG00000205213	441.066501	0.33166189	0.13826022	0.00997053	0.04137529	LGR4
NA	ENSG00000205215	0	NA	NA	NA	NA	KRT17P7
5699	ENSG00000205220	152.998434	-0.24546957	0.18182247	0.12535141	0.29417696	PSMB10
5212	ENSG00000205221	0	NA	NA	NA	NA	VIT
100506376	ENSG00000205231	0	NA	NA	NA	NA	TTLL10-AS1
NA	ENSG00000205236	85.5467879	0.91972194	0.36783369	0.00137966	0.00780393	
441273	ENSG00000205238	146.297597	0.01919313	0.1764057	0.90374374	0.95800026	SPDYE2
NA	ENSG00000205240	0	NA	NA	NA	NA	OR7E36P
1874	ENSG00000205250	2183.73184	0.30186518	0.0697758	1.05E-05	9.94E-05	E2F4
NA	ENSG00000205266	0	NA	NA	NA	NA	KRT17P5

NA	ENSG00000205267	0	NA	NA	NA	NA	DGAT2L7P
5150	ENSG00000205268	1201.59341	-0.05923456	0.08915613	0.49326721	0.71236151	PDE7A
100113407	ENSG00000205269	882.04586	-0.25160063	0.09415745	0.00569375	0.02596278	TMEM170B
NA	ENSG00000205274	0.18922458	0.01954053	0.38488496	0.78225479	NA	TRBV20OR9-2
10071	ENSG00000205277	2.89809442	-0.25405354	0.51690153	0.00080222	0.00488371	MUC12
613212	ENSG00000205279	0	NA	NA	NA	NA	CTXN3
100505477	ENSG00000205293	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01602
NA	ENSG00000205300	0	NA	NA	NA	NA	
152586	ENSG00000205301	0	NA	NA	NA	NA	MGAT4D
6643	ENSG00000205302	674.76614	-0.22125865	0.10395501	0.0265013	0.09109249	SNX2
100316904	ENSG00000205307	21.2919997	0.01069653	0.30850417	0.95570663	0.9818048	SAP25
56953	ENSG00000205309	306.998286	0.21635878	0.17051162	0.1558865	0.34204692	NT5M
NA	ENSG00000205312	0	NA	NA	NA	NA	KRT17P4
NA	ENSG00000205318	1.0121396	0.03785925	0.38213069	0.56024448	NA	GCNT2P1
84324	ENSG00000205323	802.700177	-0.11318985	0.09258425	0.20715537	0.41443608	SARNP
NA	ENSG00000205325	0	NA	NA	NA	NA	
403284	ENSG00000205327	0	NA	NA	NA	NA	OR6C68
403282	ENSG00000205328	0	NA	NA	NA	NA	OR6C65
254786	ENSG00000205329	0	NA	NA	NA	NA	OR6C3
390321	ENSG00000205330	0	NA	NA	NA	NA	OR6C1
NA	ENSG00000205331	0	NA	NA	NA	NA	OR6C72P
NA	ENSG00000205333	0	NA	NA	NA	NA	GOLGA2P1
100129995	ENSG00000205334	2.11376986	-0.08086298	0.38714667	0.34982452	NA	LINC01460
9289	ENSG00000205336	40.3597794	-0.55613756	0.43993157	0.03677426	0.11788679	ADGRG1
10527	ENSG00000205339	6883.37071	-0.37052294	0.05029918	1.03E-13	2.53E-12	IPO7
54458	ENSG00000205352	400.75805	0.00444685	0.11996022	0.9698136	0.98858357	PRR13
25851	ENSG00000205356	1525.75031	0.39183132	0.13263797	0.00159833	0.00886272	TECPR1
4496	ENSG00000205358	0	NA	NA	NA	NA	MT1H
133482	ENSG00000205359	0	NA	NA	NA	NA	SLCO6A1
NA	ENSG00000205360	0	NA	NA	NA	NA	MT1CP
NA	ENSG00000205361	0	NA	NA	NA	NA	MT1DP
4489	ENSG00000205362	0.173124	-0.01911262	0.38486262	0.84537521	NA	MT1A
388135	ENSG00000205363	75.2910582	-1.41785741	0.42016304	4.23E-05	0.00035365	INSYN1
4499	ENSG00000205364	0	NA	NA	NA	NA	MT1M
126536	ENSG00000205396	0	NA	NA	NA	NA	LINC00661
3426	ENSG00000205403	0	NA	NA	NA	NA	CFI
390078	ENSG00000205409	0	NA	NA	NA	NA	OR52E6
NA	ENSG00000205412	0	NA	NA	NA	NA	HNRNPA1P20

54809	ENSG00000205413	33.8784539	-0.56290899	0.44560246	0.03688558	0.118091	SAMD9
NA	ENSG00000205414	0.16735865	0.01897177	0.38482933	0.78225479	NA	
3853	ENSG00000205420	0	NA	NA	NA	NA	KRT6A
255919	ENSG00000205423	261.497396	0.23449114	0.14174968	0.0744498	0.20030974	CNEP1R1
NA	ENSG00000205424	2.97842005	-0.06656431	0.37712515	0.52634059	0.73825698	PCBP3-AS1
3887	ENSG00000205426	0	NA	NA	NA	NA	KRT81
NA	ENSG00000205433	0	NA	NA	NA	NA	SNRPGP6
91828	ENSG00000205436	0.16735865	0.01897177	0.38482933	0.78225479	NA	EXOC3L4
386683	ENSG00000205439	0	NA	NA	NA	NA	KRTAP12-3
100129669	ENSG00000205442	0	NA	NA	NA	NA	IZUMO3
497048	ENSG00000205444	0	NA	NA	NA	NA	
386679	ENSG00000205445	0	NA	NA	NA	NA	KRTAP10-2
NA	ENSG00000205449	0	NA	NA	NA	NA	NBPF22P
NA	ENSG00000205452	0	NA	NA	NA	NA	
729264	ENSG00000205456	12.0571254	-0.103549	0.35029095	0.53526286	0.74623113	TP53TG3D
102723655	ENSG00000205456	12.0571254	-0.103549	0.35029095	0.53526286	0.74623113	TP53TG3D
102723713	ENSG00000205456	12.0571254	-0.103549	0.35029095	0.53526286	0.74623113	TP53TG3D
102724101	ENSG00000205456	12.0571254	-0.103549	0.35029095	0.53526286	0.74623113	TP53TG3D
102724127	ENSG00000205456	12.0571254	-0.103549	0.35029095	0.53526286	0.74623113	TP53TG3D
653550	ENSG00000205457	0	NA	NA	NA	NA	TP53TG3C
102723655	ENSG00000205457	0	NA	NA	NA	NA	TP53TG3C
102723713	ENSG00000205457	0	NA	NA	NA	NA	TP53TG3C
102724101	ENSG00000205457	0	NA	NA	NA	NA	TP53TG3C
102724127	ENSG00000205457	0	NA	NA	NA	NA	TP53TG3C
92270	ENSG00000205464	96.2089794	0.04836806	0.21939749	0.79121402	0.90493295	ATP6AP1L
317762	ENSG00000205476	1789.40605	-0.1117641	0.08600779	0.18161617	0.37909151	CCDC85C
100505767	ENSG00000205482	20.3211031	0.03735304	0.31122463	0.84123575	0.92789889	SPDYE18
100133091	ENSG00000205485	298.311702	-0.08882873	0.18761168	0.58585864	0.7817695	
NA	ENSG00000205488	0	NA	NA	NA	NA	CALML3-AS1
NA	ENSG00000205494	0	NA	NA	NA	NA	OR52A4P
119679	ENSG00000205495	0	NA	NA	NA	NA	OR52J3
401667	ENSG00000205496	0	NA	NA	NA	NA	OR51A2
401666	ENSG00000205497	0	NA	NA	NA	NA	OR51A4
100129724	ENSG00000205500	2.06379365	0.03001433	0.38128642	0.64968935	NA	MAPRE3-AS1
388125	ENSG00000205502	4.68532141	-0.04055094	0.36568531	0.73727224	0.87584464	C2CD4B
57139	ENSG00000205517	358.017323	0.41625487	0.13073248	0.00071148	0.00438925	RGL3
4676	ENSG00000205531	2633.73349	-0.10470429	0.06894323	0.12264903	0.28985787	NAP1L4
NA	ENSG00000205534	105.3034	-0.06392977	0.38453056	0.41495128	0.64205213	SMG1P2

NA	ENSG00000205537	0	NA	NA	NA	NA	
7114	ENSG00000205542	2702.13783	0.61315204	0.06229393	2.08E-23	9.32E-22	TMSB4X
254863	ENSG00000205544	402.760891	0.12565221	0.11818073	0.26401762	0.48609939	TMEM256
NA	ENSG00000205549	0.75047983	-0.04347263	0.38757139	0.34431439	NA	C9orf92
100144603	ENSG00000205559	94.7683719	0.14073264	0.21904269	0.43743306	0.66264578	CHKB-DT
1375	ENSG00000205560	639.583464	0.386645	0.11659064	0.00048684	0.00315442	CPT1B
NA	ENSG00000205562	0	NA	NA	NA	NA	
6606	ENSG00000205571	1156.55922	-0.05630142	0.11882571	0.61733928	0.8040446	SMN2
6607	ENSG00000205571	1156.55922	-0.05630142	0.11882571	0.61733928	0.8040446	SMN2
8293	ENSG00000205572	597.691192	-0.37798365	0.41507501	0.1043697	0.25722378	SERF1B
728492	ENSG00000205572	597.691192	-0.37798365	0.41507501	0.1043697	0.25722378	SERF1B
NA	ENSG00000205578	25.2433216	-0.03787716	0.29837526	0.83962337	0.92709972	POM121B
NA	ENSG00000205579	0	NA	NA	NA	NA	DYNLL1P1
3150	ENSG00000205581	7352.35954	0.17371977	0.0499451	0.0004461	0.00292292	HMGNI
NA	ENSG00000205583	220.68313	0.2745394	0.15432603	0.05182951	0.15320285	STAG3L1
NA	ENSG00000205584	0.31177432	0.00117239	0.38336728	0.96390626	NA	
283463	ENSG00000205592	8.77580797	0.04647282	0.37296822	0.64804289	0.82447067	MUC19
414918	ENSG00000205593	227.664407	0.14359854	0.17152853	0.34947591	0.58004303	DENND6B
NA	ENSG00000205596	0	NA	NA	NA	NA	
728689	ENSG00000205609	147.730103	-0.08947205	0.36135968	0.54508205	0.75277933	EIF3CL
107985433	ENSG00000205611	14.2610525	-0.22967585	0.41064299	0.1964001	0.40005705	LINC01597
NA	ENSG00000205622	0.51891447	0.00905376	0.38272017	0.8223472	NA	
NA	ENSG00000205625	0	NA	NA	NA	NA	
401337	ENSG00000205628	0	NA	NA	NA	NA	LINC01446
51451	ENSG00000205629	436.8227	0.22011335	0.11735477	0.04835926	0.14512897	LCMT1
100128946	ENSG00000205632	0	NA	NA	NA	NA	LINC01310
400932	ENSG00000205634	6.64558863	-0.02502363	0.35351372	0.85776398	0.93653665	LINC00898
100113404	ENSG00000205636	0	NA	NA	NA	NA	LINC00583
388931	ENSG00000205639	3.03917239	0.00606451	0.37214502	0.95126853	0.98008882	MFSD2B
425054	ENSG00000205642	0.8622178	0.03413631	0.38407784	0.48192307	NA	VCX3B
150383	ENSG00000205643	152.646085	0.23057768	0.20408212	0.18516071	0.38410586	CDPF1
NA	ENSG00000205644	0.79037561	-0.00857012	0.38089464	0.87942776	NA	
3347	ENSG00000205649	0	NA	NA	NA	NA	HTN3
NA	ENSG00000205653	0	NA	NA	NA	NA	
91750	ENSG00000205659	379.72568	0.24875892	0.1399959	0.05580588	0.16205922	LIN52
347527	ENSG00000205667	0	NA	NA	NA	NA	ARSH
641372	ENSG00000205669	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ACOT6
54065	ENSG00000205670	150.654459	0.07637777	0.37605803	0.51455261	0.72937777	SMIM11A

253017	ENSG00000205678	0	NA	NA	NA	NA	TECRL
NA	ENSG00000205682	0	NA	NA	NA	NA	
8110	ENSG00000205683	87.6363297	-0.98318382	0.26817236	2.87E-05	0.00024886	DPF3
100287284	ENSG00000205693	1.67548751	0.03326149	0.37897726	0.66693942	NA	MANSC4
NA	ENSG00000205695	0	NA	NA	NA	NA	
642394	ENSG00000205696	0.67850399	0.00447323	0.38246378	0.91645901	NA	ADARB2-AS1
NA	ENSG00000205702	58.9422821	0.53269532	0.38858674	0.03665825	0.1176099	CYP2D7
NA	ENSG00000205704	37.5683937	-0.31148288	0.32409423	0.15480398	0.34030142	LINC00634
144363	ENSG00000205707	146.580451	-0.36820267	0.20494608	0.03624373	0.11648721	ETFRF1
100130311	ENSG00000205710	17.4412041	0.17663219	0.34995778	0.36032352	0.59027484	C17orf107
NA	ENSG00000205716	0	NA	NA	NA	NA	FAM183DP
653656	ENSG00000205718	0.16735865	0.01897177	0.38482933	0.78225479	NA	MBD3L4
6453	ENSG00000205726	1138.82018	-0.51089886	0.14277682	0.00012391	0.00092038	ITSN1
162073	ENSG00000205730	522.976569	0.10214629	0.12485919	0.38719699	0.61623231	ITPRIPL2
107984285	ENSG00000205740	34.493796	-0.14070665	0.296164	0.47724791	0.69909912	
79958	ENSG00000205744	21.5361354	0.75185128	0.59236165	0.0190402	0.07001995	DENND1C
NA	ENSG00000205745	0	NA	NA	NA	NA	
NA	ENSG00000205746	1302.75495	0.33350625	0.10539179	0.00097395	0.00578019	PKD1P4
NA	ENSG00000205754	0	NA	NA	NA	NA	SLCO1B7
64109	ENSG00000205755	0	NA	NA	NA	NA	CRLF2
9946	ENSG00000205758	510.483772	-0.11875617	0.10700034	0.24662432	0.46578072	CRYZL1
441212	ENSG00000205763	221.590473	0.05218015	0.14597252	0.70016144	0.85541355	RP9P
285636	ENSG00000205765	995.366497	-0.34553402	0.09806808	0.00025677	0.00178187	C5orf51
NA	ENSG00000205767	0	NA	NA	NA	NA	
440278	ENSG00000205771	18.9732673	0.15462382	0.3526526	0.40098923	0.62940082	CATSPER2P1
2543	ENSG00000205777	0	NA	NA	NA	NA	GAGE1
645432	ENSG00000205784	0	NA	NA	NA	NA	ARRDC5
100128682	ENSG00000205786	0	NA	NA	NA	NA	LINC01531
100131094	ENSG00000205790	16.1155037	0.63480477	0.71640398	0.03102158	0.10295552	DPP9-AS1
503693	ENSG00000205791	16.6304075	-0.0797781	0.32273811	0.66147095	0.8324506	LOH12CR2
344967	ENSG00000205794	0	NA	NA	NA	NA	
192668	ENSG00000205795	4.3071191	0.07394161	0.38546495	0.35176131	0.58182113	CYS1
403313	ENSG00000205808	388.697089	-0.14842706	0.12440633	0.20609677	0.41317248	PLPP6
3822	ENSG00000205809	0	NA	NA	NA	NA	KLRC2
3823	ENSG00000205810	0	NA	NA	NA	NA	KLRC3
NA	ENSG00000205822	4.35767379	0.10863637	0.39026431	0.30657264	0.53422766	TPTE2P6
NA	ENSG00000205830	0	NA	NA	NA	NA	
342346	ENSG00000205832	2.98950586	0.0808532	0.38385722	0.4103647	0.63815925	C16orf96

647309	ENSG00000205835	0	NA	NA	NA	NA	GMNC
400941	ENSG00000205837	0	NA	NA	NA	NA	LINC00487
153657	ENSG00000205838	7.91895163	0.07363526	0.37200658	0.53998168	0.74887232	TTC23L
93978	ENSG00000205846	0	NA	NA	NA	NA	CLEC6A
79315	ENSG00000205847	0	NA	NA	NA	NA	OR7E91P
10737	ENSG00000205853	11.7180319	0.14151209	0.37538129	0.37025326	0.59943356	RFPL3S
150297	ENSG00000205856	0	NA	NA	NA	NA	C22orf42
360030	ENSG00000205857	0	NA	NA	NA	NA	NANOGNB
100506049	ENSG00000205858	0	NA	NA	NA	NA	LRRC72
542767	ENSG00000205861	1.03670879	-0.00919083	0.38057052	0.87137982	NA	PCOTH
387911	ENSG00000205863	0	NA	NA	NA	NA	C1QTNF9B
440023	ENSG00000205864	0	NA	NA	NA	NA	KRTAP5-6
100132464	ENSG00000205865	0	NA	NA	NA	NA	FAM99B
387742	ENSG00000205866	0	NA	NA	NA	NA	FAM99A
440021	ENSG00000205867	0	NA	NA	NA	NA	KRTAP5-2
387264	ENSG00000205869	16.2337564	-1.07425047	0.77937507	0.00864706	0.03678337	KRTAP5-1
NA	ENSG00000205871	0.80331222	-0.00593024	0.38078992	0.91660053	NA	RPS3AP47
NA	ENSG00000205879	1.76652586	0.08916685	0.39615261	0.13993453	NA	FAM90A2P
613211	ENSG00000205882	0	NA	NA	NA	NA	DEFB134
613209	ENSG00000205883	0	NA	NA	NA	NA	DEFB135
613210	ENSG00000205884	0	NA	NA	NA	NA	DEFB136
283314	ENSG00000205885	64.5655088	0.14093297	0.28159867	0.47724066	0.69909912	C1RL-AS1
100128770	ENSG00000205890	0.32425478	0.00117146	0.3833667	0.96908568	NA	
NA	ENSG00000205897	4.30642117	0.06816772	0.37203838	0.57086146	0.77109827	OR7E136P
NA	ENSG00000205898	3.63509304	0.0415513	0.37317168	0.68698142	0.84777704	
727857	ENSG00000205899	0	NA	NA	NA	NA	BHLHA9
100131017	ENSG00000205903	3739.96162	-0.1257336	0.07110481	0.07163198	0.19481541	ZNF316
100128788	ENSG00000205913	18.3640462	0.08299413	0.32636105	0.65032989	0.82529572	SRRM2-AS1
57135	ENSG00000205916	0	NA	NA	NA	NA	DAZ4
NA	ENSG00000205918	438.491441	0.24805166	0.11616574	0.02484512	0.08672186	PDPK2P
390874	ENSG00000205922	0	NA	NA	NA	NA	ONECUT3
752014	ENSG00000205923	0	NA	NA	NA	NA	CEMP1
10215	ENSG00000205927	0	NA	NA	NA	NA	OLIG2
56245	ENSG00000205929	2.93323207	0.02951638	0.37253508	0.76556241	0.89220778	C21orf62
NA	ENSG00000205930	58.9223842	0.15798274	0.27761627	0.42705633	0.65286501	C21orf62-AS1
NA	ENSG00000205936	0	NA	NA	NA	NA	PPP1R12BP2
10921	ENSG00000205937	4494.67392	0.00490575	0.06530172	0.94136662	0.97559098	RNPS1
NA	ENSG00000205940	8.74768383	-0.21723323	0.41934544	0.19310932	0.3958352	HSP90AB2P

57055	ENSG00000205944	0	NA	NA	NA	NA	DAZ2
391622	ENSG00000205946	0.16735865	0.01897177	0.38482933	0.78225479	NA	USP17L6P
NA	ENSG00000205955	0.84232392	0.01659916	0.38121629	0.76831796	NA	HSP90AA5P
NA	ENSG00000205959	3.78418819	0.15247952	0.41436074	0.14855843	0.33098252	
NA	ENSG00000205971	0.47363781	-0.02845309	0.38580958	0.5427038	NA	
NA	ENSG00000205976	0.55138487	0.01181637	0.3832588	0.75114255	NA	
57523	ENSG00000205978	1268.26474	0.29131687	0.08731261	0.00059664	0.00376622	NYNRIN
131118	ENSG00000205981	469.963562	0.16530319	0.12686383	0.16694706	0.35784677	DNAJC19
387733	ENSG00000206013	0.173733	0.01914545	0.38484597	0.78225479	NA	IFITM5
NA	ENSG00000206014	0	NA	NA	NA	NA	OR7E161P
284274	ENSG00000206026	0	NA	NA	NA	NA	SMIM21
NA	ENSG00000206028	16.5482393	-0.16770941	0.36613777	0.35167274	0.58172313	
641517	ENSG00000206034	0	NA	NA	NA	NA	DEFB109B
NA	ENSG00000206042	0	NA	NA	NA	NA	DEFA7P
644041	ENSG00000206043	0	NA	NA	NA	NA	C18orf63
1667	ENSG00000206047	0	NA	NA	NA	NA	DEFA1
220164	ENSG00000206052	818.813428	-0.05583527	0.24756399	0.76604786	0.89234321	DOK6
90861	ENSG00000206053	2932.18821	-0.2108632	0.06317703	0.00070216	0.00433711	JPT2
NA	ENSG00000206062	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000206066	0	NA	NA	NA	NA	IGLL3P
255349	ENSG00000206069	0.6906061	0.01674122	0.38323095	0.65806079	NA	TMEM211
89778	ENSG00000206072	0	NA	NA	NA	NA	SERPINB11
6318	ENSG00000206073	0	NA	NA	NA	NA	SERPINB4
5268	ENSG00000206075	0	NA	NA	NA	NA	SERPINB5
653082	ENSG00000206077	368.167322	-0.71622905	0.13572855	2.86E-08	4.06E-07	ZDHHC11B
NA	ENSG00000206090	0	NA	NA	NA	NA	
728299	ENSG00000206102	0	NA	NA	NA	NA	KRTAP19-8
337985	ENSG00000206104	0	NA	NA	NA	NA	KRTAP20-3
100151643	ENSG00000206105	0	NA	NA	NA	NA	KRTAP20-4
100288287	ENSG00000206106	0	NA	NA	NA	NA	KRTAP22-2
643812	ENSG00000206107	0	NA	NA	NA	NA	KRTAP27-1
402160	ENSG00000206113	1.58898392	0.04313051	0.38063193	0.567313	NA	CFAP99
NA	ENSG00000206120	21.7032862	0.49603614	0.49795074	0.05661805	0.16381831	EGFEM1P
728047	ENSG00000206127	121.094345	0.67143829	0.27297844	0.00271	0.01390391	GOLGA80
642484	ENSG00000206129	1.72373679	-0.04431607	0.38505299	0.41859324	NA	
645426	ENSG00000206140	20.7660514	1.45770285	0.61783334	0.00098884	0.00585105	TMEM191C
100996335	ENSG00000206142	0.45808616	0.00126518	0.38310474	0.98724547	NA	FAM230H
NA	ENSG00000206144	0.49322054	0.0149268	0.38314382	0.74765203	NA	MAPK6P1

NA	ENSG00000206145	0.33471731	0.02354391	0.38534154	0.62842204	NA	P2RX6P
NA	ENSG00000206147	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL23AP57
440248	ENSG00000206149	909.407173	0.02379931	0.09849492	0.80409218	0.91109017	HERC2P9
440163	ENSG00000206150	0.18922458	0.01954053	0.38488496	0.78225479	NA	RNASE13
NA	ENSG00000206159	0	NA	NA	NA	NA	GYG2P1
NA	ENSG00000206168	0.52457699	0.01099992	0.38327131	0.76830712	NA	
3039	ENSG00000206172	0.34746601	0.02370763	0.3853651	0.61987128	NA	HBA1
3042	ENSG00000206177	0	NA	NA	NA	NA	HBM
NA	ENSG00000206178	0.173733	0.01914545	0.38484597	0.78225479	NA	HBZP1
51224	ENSG00000206181	1.13761627	-0.00537635	0.37954972	0.93228938	NA	ELOA2
100128714	ENSG00000206187	0	NA	NA	NA	NA	LINC02346
57194	ENSG00000206190	0	NA	NA	NA	NA	ATP10A
NA	ENSG00000206192	0	NA	NA	NA	NA	ANKRD20A9P
503637	ENSG00000206195	1640.92773	-0.12284731	0.07433628	0.09160676	0.23372918	DUXAP8
389161	ENSG00000206199	0	NA	NA	NA	NA	ANKUB1
23617	ENSG00000206203	0	NA	NA	NA	NA	TSSK2
NA	ENSG00000206228	0.64047942	0.00308824	0.38195794	0.94667208	NA	HNRNPA1P4
NA	ENSG00000206249	0	NA	NA	NA	NA	
729627	ENSG00000206260	0	NA	NA	NA	NA	PRR23A
401089	ENSG00000206262	0	NA	NA	NA	NA	FOXL2NB
10866	ENSG00000206337	0	NA	NA	NA	NA	HCP5
NA	ENSG00000206341	22.7566104	0.04638782	0.30915092	0.8044972	0.91118482	HLA-H
253018	ENSG00000206344	10.0210693	-0.24922237	0.43493046	0.15634921	0.34283458	HCG27
100652833	ENSG00000206356	0	NA	NA	NA	NA	
131873	ENSG00000206384	0.173733	0.01914545	0.38484597	0.78225479	NA	COL6A6
NA	ENSG00000206417	32.0093521	-0.00979981	0.28012798	0.95761906	0.98264776	H1-10-AS1
201475	ENSG00000206418	381.910483	0.21448384	0.13281176	0.08448316	0.22013999	RAB12
339291	ENSG00000206422	0	NA	NA	NA	NA	LRRC30
645369	ENSG00000206432	83.8974756	2.0895972	0.35193606	1.51E-10	2.85E-09	TMEM200C
NA	ENSG00000206448	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PPIAP30
442194	ENSG00000206474	0	NA	NA	NA	NA	OR10C1
3105	ENSG00000206503	4970.10161	0.21330246	0.0582596	0.00020624	0.00146348	HLA-A
201562	ENSG00000206527	638.637055	-0.50289636	0.10529803	7.01E-07	8.14E-06	HACD2
55779	ENSG00000206530	756.151421	-0.07819608	0.11515913	0.47548327	0.6976474	CFAP44
344807	ENSG00000206531	0	NA	NA	NA	NA	CD200R1L
348801	ENSG00000206535	84.2233853	0.50554403	0.25697966	0.01536738	0.05873277	LNP1
403277	ENSG00000206536	0	NA	NA	NA	NA	OR5K3
389136	ENSG00000206538	0	NA	NA	NA	NA	VGLL3

NA	ENSG00000206549	7.10266875	0.09224829	0.36731412	0.51762968	0.73141449	
100506275	ENSG00000206552	0	NA	NA	NA	NA	KRBOX1-AS1
131405	ENSG00000206557	55.6493955	0.78698326	0.32353542	0.00222522	0.01173844	TRIM71
152098	ENSG00000206559	18.9874476	0.05544334	0.32634164	0.75500688	0.8860367	ZCWPW2
23243	ENSG00000206560	951.87656	0.0814757	0.1049345	0.42038576	0.6462065	ANKRD28
8292	ENSG00000206561	141.389627	0.04046695	0.18627235	0.80502414	0.91147183	COLQ
131965	ENSG00000206562	402.53255	-0.33967371	0.1409755	0.00941714	0.03948351	METTL6
NA	ENSG00000206567	153.081606	-0.03434828	0.19049629	0.83252322	0.92392457	
440944	ENSG00000206573	360.071032	-0.28235105	0.12940155	0.01996498	0.07286703	THUMPD3-AS1
114786	ENSG00000206579	0.29863895	-0.02292439	0.3852726	0.68753245	NA	XKR4
NA	ENSG00000206582	0	NA	NA	NA	NA	
NA	ENSG00000206583	0	NA	NA	NA	NA	RNU6-1292P
26864	ENSG00000206585	0	NA	NA	NA	NA	RNVU1-7
NA	ENSG00000206587	0	NA	NA	NA	NA	RNU6-46P
NA	ENSG00000206590	0	NA	NA	NA	NA	RNU6-132P
NA	ENSG00000206592	0	NA	NA	NA	NA	
NA	ENSG00000206593	0	NA	NA	NA	NA	RNU6-47P
NA	ENSG00000206595	0	NA	NA	NA	NA	RNU6-877P
692158	ENSG00000206597	0	NA	NA	NA	NA	SNORA57
NA	ENSG00000206598	0	NA	NA	NA	NA	RNU6-1286P
NA	ENSG00000206599	0	NA	NA	NA	NA	RNU6-841P
NA	ENSG00000206600	0	NA	NA	NA	NA	RNU6-25P
NA	ENSG00000206601	0	NA	NA	NA	NA	RNU6-431P
26791	ENSG00000206602	0	NA	NA	NA	NA	SNORD58A
109616964	ENSG00000206603	0	NA	NA	NA	NA	SNORA22B
NA	ENSG00000206604	0	NA	NA	NA	NA	RNU6-425P
NA	ENSG00000206605	0	NA	NA	NA	NA	RNU6-946P
NA	ENSG00000206606	0	NA	NA	NA	NA	RNU6-1296P
100033423	ENSG00000206609	0	NA	NA	NA	NA	SNORD116-11
26820	ENSG00000206611	0	NA	NA	NA	NA	SNORD24
677793	ENSG00000206612	0	NA	NA	NA	NA	SNORA2A
NA	ENSG00000206613	0	NA	NA	NA	NA	RNU6-1336P
NA	ENSG00000206614	0	NA	NA	NA	NA	RNU6-477P
NA	ENSG00000206615	0	NA	NA	NA	NA	RNU6-338P
NA	ENSG00000206616	0	NA	NA	NA	NA	RNU6-741P
NA	ENSG00000206617	0	NA	NA	NA	NA	RNY1P5
NA	ENSG00000206618	0	NA	NA	NA	NA	RNU6-1264P
692085	ENSG00000206620	0	NA	NA	NA	NA	SNORD45C

NA	ENSG00000206621	0	NA	NA	NA	NA	SNORD116-14
26779	ENSG00000206622	0	NA	NA	NA	NA	SNORA69
NA	ENSG00000206623	0	NA	NA	NA	NA	RNU6-979P
NA	ENSG00000206624	0	NA	NA	NA	NA	RNU1-39P
NA	ENSG00000206627	0	NA	NA	NA	NA	RNU6-969P
NA	ENSG00000206629	0	NA	NA	NA	NA	RNU1-63P
26788	ENSG00000206630	0	NA	NA	NA	NA	SNORD60
NA	ENSG00000206631	0	NA	NA	NA	NA	RNU6-657P
100302743	ENSG00000206633	0	NA	NA	NA	NA	SNORA80B
677807	ENSG00000206634	0	NA	NA	NA	NA	SNORA22
NA	ENSG00000206635	0	NA	NA	NA	NA	RNU6-1062P
NA	ENSG00000206636	0	NA	NA	NA	NA	
109616993	ENSG00000206637	0	NA	NA	NA	NA	SNORA70H
NA	ENSG00000206638	0	NA	NA	NA	NA	RNU6-672P
NA	ENSG00000206639	0	NA	NA	NA	NA	
NA	ENSG00000206640	0	NA	NA	NA	NA	
NA	ENSG00000206641	0	NA	NA	NA	NA	RNU6-449P
NA	ENSG00000206644	0	NA	NA	NA	NA	RNU6-1279P
NA	ENSG00000206645	0	NA	NA	NA	NA	
NA	ENSG00000206646	0	NA	NA	NA	NA	
NA	ENSG00000206647	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000206649	0	NA	NA	NA	NA	
100379132	ENSG00000206650	0	NA	NA	NA	NA	SNORA70G
NA	ENSG00000206651	0	NA	NA	NA	NA	
26871	ENSG00000206652	0	NA	NA	NA	NA	RNU1-1
NA	ENSG00000206654	0	NA	NA	NA	NA	RNU6-608P
NA	ENSG00000206656	0	NA	NA	NA	NA	SNORD116-17
NA	ENSG00000206658	0	NA	NA	NA	NA	RNU6-1039P
NA	ENSG00000206659	0	NA	NA	NA	NA	
NA	ENSG00000206660	0	NA	NA	NA	NA	
NA	ENSG00000206661	0	NA	NA	NA	NA	
NA	ENSG00000206662	0	NA	NA	NA	NA	
NA	ENSG00000206663	0	NA	NA	NA	NA	
NA	ENSG00000206665	0	NA	NA	NA	NA	RNU6-573P
NA	ENSG00000206669	0	NA	NA	NA	NA	
NA	ENSG00000206671	0	NA	NA	NA	NA	RNU6-471P
NA	ENSG00000206672	0	NA	NA	NA	NA	
NA	ENSG00000206674	0	NA	NA	NA	NA	RNU6-945P

NA	ENSG00000206675	0	NA	NA	NA	NA	RNU6-32P
NA	ENSG00000206676	0	NA	NA	NA	NA	
NA	ENSG00000206677	0	NA	NA	NA	NA	
NA	ENSG00000206678	0	NA	NA	NA	NA	RNU6-144P
NA	ENSG00000206679	0	NA	NA	NA	NA	
6083	ENSG00000206680	0	NA	NA	NA	NA	SNORD21
NA	ENSG00000206681	0	NA	NA	NA	NA	RNU6-730P
NA	ENSG00000206682	0	NA	NA	NA	NA	
NA	ENSG00000206684	0	NA	NA	NA	NA	RNU6-157P
NA	ENSG00000206685	0	NA	NA	NA	NA	RNU6-1189P
NA	ENSG00000206686	0	NA	NA	NA	NA	RNU6-1036P
NA	ENSG00000206687	0	NA	NA	NA	NA	RNU1-109P
NA	ENSG00000206688	0	NA	NA	NA	NA	SNORD116-18
NA	ENSG00000206690	0	NA	NA	NA	NA	
NA	ENSG00000206692	0	NA	NA	NA	NA	
677835	ENSG00000206693	0	NA	NA	NA	NA	SNORA56
NA	ENSG00000206695	0	NA	NA	NA	NA	RNU6-442P
NA	ENSG00000206697	0	NA	NA	NA	NA	RNY1P8
NA	ENSG00000206698	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RNU1-73P
NA	ENSG00000206699	0	NA	NA	NA	NA	
NA	ENSG00000206700	0	NA	NA	NA	NA	RNU6-723P
NA	ENSG00000206701	0	NA	NA	NA	NA	RNU6-1040P
NA	ENSG00000206702	0	NA	NA	NA	NA	RNU1-11P
NA	ENSG00000206703	0	NA	NA	NA	NA	RNU6-128P
NA	ENSG00000206704	0	NA	NA	NA	NA	
NA	ENSG00000206705	0	NA	NA	NA	NA	
NA	ENSG00000206708	0	NA	NA	NA	NA	RNU6-1227P
NA	ENSG00000206709	0	NA	NA	NA	NA	RNU6-1080P
NA	ENSG00000206710	0	NA	NA	NA	NA	RNU6-147P
NA	ENSG00000206711	0	NA	NA	NA	NA	
NA	ENSG00000206712	0	NA	NA	NA	NA	RNU6-26P
NA	ENSG00000206713	0	NA	NA	NA	NA	
NA	ENSG00000206714	0	NA	NA	NA	NA	
NA	ENSG00000206715	0	NA	NA	NA	NA	RNU6-444P
NA	ENSG00000206716	0	NA	NA	NA	NA	RNU6-133P
NA	ENSG00000206717	0	NA	NA	NA	NA	
NA	ENSG00000206718	0	NA	NA	NA	NA	RNU6-546P
NA	ENSG00000206719	0	NA	NA	NA	NA	

NA	ENSG00000206721	0	NA	NA	NA	NA	
NA	ENSG00000206722	0	NA	NA	NA	NA	RNU6-1074P
NA	ENSG00000206723	0	NA	NA	NA	NA	RNU6-1056P
NA	ENSG00000206724	0	NA	NA	NA	NA	RNU6-756P
NA	ENSG00000206725	0	NA	NA	NA	NA	RNU6-1027P
NA	ENSG00000206726	0	NA	NA	NA	NA	RNU6-259P
NA	ENSG00000206728	0	NA	NA	NA	NA	
NA	ENSG00000206729	0	NA	NA	NA	NA	RNU6-1126P
NA	ENSG00000206730	0	NA	NA	NA	NA	RNU6-468P
NA	ENSG00000206731	0	NA	NA	NA	NA	
NA	ENSG00000206732	0	NA	NA	NA	NA	RNU6-936P
NA	ENSG00000206733	0	NA	NA	NA	NA	RNU6-641P
NA	ENSG00000206734	0	NA	NA	NA	NA	
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NA	ENSG00000206741	0	NA	NA	NA	NA	
NA	ENSG00000206743	0	NA	NA	NA	NA	RNU6-484P
NA	ENSG00000206744	0	NA	NA	NA	NA	RNU6-620P
NA	ENSG00000206745	0	NA	NA	NA	NA	RNU6-643P
NA	ENSG00000206746	0	NA	NA	NA	NA	RNU6-142P
NA	ENSG00000206747	0	NA	NA	NA	NA	RNU6-245P
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NA	ENSG00000206752	0	NA	NA	NA	NA	RNU6-1323P
594837	ENSG00000206754	0	NA	NA	NA	NA	SNORD101
677813	ENSG00000206755	0	NA	NA	NA	NA	SNORA30
NA	ENSG00000206756	0	NA	NA	NA	NA	
NA	ENSG00000206758	0	NA	NA	NA	NA	RNU6-317P
NA	ENSG00000206759	0	NA	NA	NA	NA	RNU6-787P
574040	ENSG00000206760	0	NA	NA	NA	NA	SNORA6
NA	ENSG00000206762	0	NA	NA	NA	NA	RNU6-418P
NA	ENSG00000206763	0	NA	NA	NA	NA	RNU6-10P
NA	ENSG00000206764	0	NA	NA	NA	NA	RNU6-152P
NA	ENSG00000206765	0	NA	NA	NA	NA	RNU6-203P
NA	ENSG00000206766	0	NA	NA	NA	NA	RNU6-435P
NA	ENSG00000206767	0	NA	NA	NA	NA	RNU6-949P
NA	ENSG00000206768	0	NA	NA	NA	NA	
NA	ENSG00000206769	0	NA	NA	NA	NA	RNU6-116P

NA	ENSG00000206770	0	NA	NA	NA	NA	
NA	ENSG00000206772	0	NA	NA	NA	NA	RNU6-44P
NA	ENSG00000206774	0	NA	NA	NA	NA	RNU6-211P
26812	ENSG00000206775	0	NA	NA	NA	NA	SNORD37
NA	ENSG00000206776	0	NA	NA	NA	NA	
NA	ENSG00000206777	0	NA	NA	NA	NA	RNU6-637P
NA	ENSG00000206778	0	NA	NA	NA	NA	RNU6-213P
NA	ENSG00000206779	0	NA	NA	NA	NA	
109616994	ENSG00000206780	0	NA	NA	NA	NA	SNORA75B
NA	ENSG00000206781	0	NA	NA	NA	NA	
NA	ENSG00000206782	0	NA	NA	NA	NA	RNU6-224P
NA	ENSG00000206784	0	NA	NA	NA	NA	
NA	ENSG00000206786	0	NA	NA	NA	NA	RNU6-701P
NA	ENSG00000206787	0	NA	NA	NA	NA	RNU6-76P
NA	ENSG00000206788	0	NA	NA	NA	NA	RNU6-629P
NA	ENSG00000206790	0	NA	NA	NA	NA	
NA	ENSG00000206791	0	NA	NA	NA	NA	RNU1-129P
NA	ENSG00000206792	0	NA	NA	NA	NA	
NA	ENSG00000206795	0	NA	NA	NA	NA	
NA	ENSG00000206796	0	NA	NA	NA	NA	RNU6-811P
NA	ENSG00000206797	0	NA	NA	NA	NA	
692063	ENSG00000206799	0	NA	NA	NA	NA	SNORA32
NA	ENSG00000206800	0	NA	NA	NA	NA	RNY3P7
NA	ENSG00000206801	0	NA	NA	NA	NA	RNU6-639P
NA	ENSG00000206802	0	NA	NA	NA	NA	RNU6-926P
NA	ENSG00000206803	0	NA	NA	NA	NA	RNU6-968P
NA	ENSG00000206805	0	NA	NA	NA	NA	
NA	ENSG00000206806	0	NA	NA	NA	NA	
NA	ENSG00000206807	0	NA	NA	NA	NA	RNU6-815P
NA	ENSG00000206808	0	NA	NA	NA	NA	
574042	ENSG00000206811	0	NA	NA	NA	NA	SNORA10
NA	ENSG00000206812	0	NA	NA	NA	NA	RNU6-38P
NA	ENSG00000206813	0	NA	NA	NA	NA	
NA	ENSG00000206814	0	NA	NA	NA	NA	
NA	ENSG00000206815	0	NA	NA	NA	NA	RNU6-483P
NA	ENSG00000206816	0	NA	NA	NA	NA	
NA	ENSG00000206817	0	NA	NA	NA	NA	
NA	ENSG00000206818	0	NA	NA	NA	NA	RNU6-849P

NA	ENSG00000206819	0	NA	NA	NA	NA	RNU6-260P
NA	ENSG00000206820	0	NA	NA	NA	NA	RNU1-138P
NA	ENSG00000206822	0	NA	NA	NA	NA	
NA	ENSG00000206824	0	NA	NA	NA	NA	
NA	ENSG00000206826	0	NA	NA	NA	NA	RNU6-974P
NA	ENSG00000206827	0	NA	NA	NA	NA	RNU6-1032P
NA	ENSG00000206828	0	NA	NA	NA	NA	RNVU1-30
NA	ENSG00000206832	0	NA	NA	NA	NA	RNU6V
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677792	ENSG00000206834	0	NA	NA	NA	NA	SNORA1
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654319	ENSG00000206838	0	NA	NA	NA	NA	SNORA5A
NA	ENSG00000206839	0	NA	NA	NA	NA	RNU6-746P
NA	ENSG00000206840	0	NA	NA	NA	NA	
NA	ENSG00000206841	0	NA	NA	NA	NA	RNU6-409P
NA	ENSG00000206842	0	NA	NA	NA	NA	RNU6-413P
NA	ENSG00000206843	0	NA	NA	NA	NA	RNU6-206P
NA	ENSG00000206844	0	NA	NA	NA	NA	
NA	ENSG00000206845	0	NA	NA	NA	NA	RNU6-209P
NA	ENSG00000206846	0	NA	NA	NA	NA	
NA	ENSG00000206847	0	NA	NA	NA	NA	
NA	ENSG00000206848	0	NA	NA	NA	NA	RNU6-890P
NA	ENSG00000206849	0	NA	NA	NA	NA	
NA	ENSG00000206850	0	NA	NA	NA	NA	
NA	ENSG00000206852	0	NA	NA	NA	NA	RNU6-895P
NA	ENSG00000206853	0	NA	NA	NA	NA	
NA	ENSG00000206854	0	NA	NA	NA	NA	RNY3P5
NA	ENSG00000206855	0	NA	NA	NA	NA	RNU6-571P
NA	ENSG00000206857	0	NA	NA	NA	NA	RNU6-214P
NA	ENSG00000206858	0	NA	NA	NA	NA	
NA	ENSG00000206859	0	NA	NA	NA	NA	RNU6-767P
NA	ENSG00000206862	0	NA	NA	NA	NA	
NA	ENSG00000206863	0	NA	NA	NA	NA	RNU5A-6P
NA	ENSG00000206864	0	NA	NA	NA	NA	RNU6-207P
NA	ENSG00000206865	0	NA	NA	NA	NA	
NA	ENSG00000206866	0	NA	NA	NA	NA	RNU6-187P
NA	ENSG00000206867	0	NA	NA	NA	NA	RNU6-356P

100337591	ENSG00000206869	0	NA	NA	NA	NA	SNORA70F
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	NA	ENSG00000206877	0	NA	NA	NA	RNU6-1103P
	NA	ENSG00000206878	0.173733	0.01914545	0.38484597	0.78225479	NA
	NA	ENSG00000206880	0	NA	NA	NA	RNU6-1310P
	NA	ENSG00000206881	0	NA	NA	NA	RNU6-190P
	NA	ENSG00000206882	0	NA	NA	NA	RNA5SP87
654321	ENSG00000206885	0	NA	NA	NA	NA	SNORA75
	NA	ENSG00000206886	0	NA	NA	NA	
	NA	ENSG00000206887	0	NA	NA	NA	RNU6-1008P
	NA	ENSG00000206888	0	NA	NA	NA	RNU6-48P
	NA	ENSG00000206889	0	NA	NA	NA	RNU6-1200P
	NA	ENSG00000206891	0	NA	NA	NA	RNU6-217P
	NA	ENSG00000206892	0	NA	NA	NA	RNU6-42P
	NA	ENSG00000206895	0	NA	NA	NA	
	NA	ENSG00000206896	0	NA	NA	NA	RNU6-1124P
109616977	ENSG00000206897	0	NA	NA	NA	NA	SNORA9B
	NA	ENSG00000206898	0	NA	NA	NA	
	NA	ENSG00000206899	0	NA	NA	NA	RNU6-36P
	NA	ENSG00000206900	0	NA	NA	NA	RNU6-98P
	NA	ENSG00000206901	0	NA	NA	NA	
109617003	ENSG00000206903	0	NA	NA	NA	NA	SNORA24B
	NA	ENSG00000206905	0	NA	NA	NA	
	NA	ENSG00000206906	0	NA	NA	NA	RNU6-458P
	NA	ENSG00000206907	0	NA	NA	NA	RNU6-1013P
	NA	ENSG00000206908	0	NA	NA	NA	RNU1-136P
109616973	ENSG00000206909	0	NA	NA	NA	NA	SNORA70J
677812	ENSG00000206910	0	NA	NA	NA	NA	SNORA29
	NA	ENSG00000206911	0	NA	NA	NA	
	NA	ENSG00000206912	0	NA	NA	NA	
	NA	ENSG00000206913	0	NA	NA	NA	
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	NA	ENSG00000206915	0	NA	NA	NA	RNU6-439P
	NA	ENSG00000206917	0	NA	NA	NA	RNU1-52P
	NA	ENSG00000206918	0	NA	NA	NA	RNU6-1181P
	NA	ENSG00000206920	0	NA	NA	NA	RNY1P6

NA	ENSG00000206921	0	NA	NA	NA	NA	RNU6-481P
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NA	ENSG00000206926	0	NA	NA	NA	NA	RNU6-1024P
NA	ENSG00000206929	0	NA	NA	NA	NA	
NA	ENSG00000206931	0	NA	NA	NA	NA	RNU6-1042P
NA	ENSG00000206935	0	NA	NA	NA	NA	RNU6-514P
NA	ENSG00000206936	0.18922458	0.01954053	0.38488496	0.78225479	NA	RNU4-52P
100124537	ENSG00000206937	0	NA	NA	NA	NA	SNORA70B
NA	ENSG00000206938	0	NA	NA	NA	NA	RNU4-31P
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6079	ENSG00000206941	0	NA	NA	NA	NA	SNORD15A
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109616963	ENSG00000206947	0	NA	NA	NA	NA	SNORA20B
677817	ENSG00000206948	0	NA	NA	NA	NA	SNORA36A
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NA	ENSG00000206951	0	NA	NA	NA	NA	
NA	ENSG00000206952	0	NA	NA	NA	NA	SNORA50A
NA	ENSG00000206954	0	NA	NA	NA	NA	RNU6-1201P
NA	ENSG00000206957	0	NA	NA	NA	NA	
NA	ENSG00000206958	0	NA	NA	NA	NA	
NA	ENSG00000206959	0	NA	NA	NA	NA	
NA	ENSG00000206960	0	NA	NA	NA	NA	RNU6-793P
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NA	ENSG00000206964	0	NA	NA	NA	NA	
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NA	ENSG00000206967	0	NA	NA	NA	NA	
NA	ENSG00000206969	0	NA	NA	NA	NA	RNU6-1316P
NA	ENSG00000206970	0	NA	NA	NA	NA	RNU6-474P
NA	ENSG00000206972	0	NA	NA	NA	NA	RNU6-17P
NA	ENSG00000206973	0	NA	NA	NA	NA	RNU6-1145P
NA	ENSG00000206974	0	NA	NA	NA	NA	RNU6-1144P
NA	ENSG00000206976	0	NA	NA	NA	NA	

NA	ENSG00000206977	0	NA	NA	NA	NA	
NA	ENSG00000206978	0	NA	NA	NA	NA	
26787	ENSG00000206979	0	NA	NA	NA	NA	SNORD61
NA	ENSG00000206980	0	NA	NA	NA	NA	RNU6-662P
NA	ENSG00000206981	0	NA	NA	NA	NA	RNU6-40P
NA	ENSG00000206982	0	NA	NA	NA	NA	
NA	ENSG00000206983	0	NA	NA	NA	NA	RNU6-49P
NA	ENSG00000206985	0	NA	NA	NA	NA	RNU6-198P
NA	ENSG00000206987	0	NA	NA	NA	NA	
26785	ENSG00000206989	0	NA	NA	NA	NA	SNORD63
NA	ENSG00000206990	0	NA	NA	NA	NA	
NA	ENSG00000206991	0	NA	NA	NA	NA	RNU6-610P
NA	ENSG00000206992	0	NA	NA	NA	NA	RNU6-574P
NA	ENSG00000206995	0	NA	NA	NA	NA	
NA	ENSG00000206996	0	NA	NA	NA	NA	RNU6-842P
NA	ENSG00000206997	0	NA	NA	NA	NA	RNU6-524P
NA	ENSG00000206998	0	NA	NA	NA	NA	
NA	ENSG00000206999	0	NA	NA	NA	NA	RNU6-622P
NA	ENSG00000207000	0	NA	NA	NA	NA	RNU6-820P
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NA	ENSG00000207002	0	NA	NA	NA	NA	
NA	ENSG00000207003	0	NA	NA	NA	NA	RNU6-611P
NA	ENSG00000207004	0	NA	NA	NA	NA	RNU6-301P
NA	ENSG00000207007	0	NA	NA	NA	NA	RNU6-891P
677833	ENSG00000207008	0	NA	NA	NA	NA	SNORA54
NA	ENSG00000207009	0	NA	NA	NA	NA	
NA	ENSG00000207010	0	NA	NA	NA	NA	RNU6-318P
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NA	ENSG00000207012	0	NA	NA	NA	NA	RNU6-72P
NA	ENSG00000207013	0	NA	NA	NA	NA	RNU6-804P
NA	ENSG00000207014	0	NA	NA	NA	NA	SNORD116-3
100124535	ENSG00000207016	0	NA	NA	NA	NA	SNORA36C
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NA	ENSG00000207025	0	NA	NA	NA	NA	
NA	ENSG00000207026	0	NA	NA	NA	NA	RNU6-472P
NA	ENSG00000207027	0	NA	NA	NA	NA	
NA	ENSG00000207029	0	NA	NA	NA	NA	RNU6-43P
26789	ENSG00000207031	0	NA	NA	NA	NA	SNORD59A
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NA	ENSG00000207033	0	NA	NA	NA	NA	RNU6-154P
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NA	ENSG00000207036	0	NA	NA	NA	NA	RNY3P14
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NA	ENSG00000207042	0	NA	NA	NA	NA	RNU6-196P
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NA	ENSG00000207045	0	NA	NA	NA	NA	RNU6-532P
NA	ENSG00000207046	0	NA	NA	NA	NA	RNU6-886P
NA	ENSG00000207047	0	NA	NA	NA	NA	SNORD51
NA	ENSG00000207049	0	NA	NA	NA	NA	
619499	ENSG00000207051	0	NA	NA	NA	NA	SNORA27
NA	ENSG00000207052	0	NA	NA	NA	NA	RNU6-378P
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NA	ENSG00000207058	0	NA	NA	NA	NA	RNU6-784P
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109616962	ENSG00000207062	0	NA	NA	NA	NA	SNORA15B-1
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26775	ENSG00000207067	0	NA	NA	NA	NA	SNORA72
NA	ENSG00000207068	0	NA	NA	NA	NA	RNU6-463P
NA	ENSG00000207069	0	NA	NA	NA	NA	
NA	ENSG00000207071	0	NA	NA	NA	NA	RNU6-1207P
NA	ENSG00000207072	0	NA	NA	NA	NA	RNU6-39P
NA	ENSG00000207073	0	NA	NA	NA	NA	
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NA	ENSG00000207077	0	NA	NA	NA	NA	RNU6-1119P
NA	ENSG00000207080	0	NA	NA	NA	NA	
NA	ENSG00000207081	0	NA	NA	NA	NA	RNU6-616P

NA	ENSG00000207082	0	NA	NA	NA	NA	RNU6-171P
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NA	ENSG00000207086	0	NA	NA	NA	NA	
NA	ENSG00000207087	0	NA	NA	NA	NA	RNU6-242P
677797	ENSG00000207088	0	NA	NA	NA	NA	SNORA7B
NA	ENSG00000207089	0	NA	NA	NA	NA	RNU6-921P
NA	ENSG00000207090	0	NA	NA	NA	NA	RNU6-517P
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NA	ENSG00000207094	0	NA	NA	NA	NA	
NA	ENSG00000207095	0	NA	NA	NA	NA	RNU6-424P
NA	ENSG00000207097	0	NA	NA	NA	NA	RNU6-614P
NA	ENSG00000207098	0	NA	NA	NA	NA	
NA	ENSG00000207099	0	NA	NA	NA	NA	RNU6-166P
NA	ENSG00000207100	0	NA	NA	NA	NA	
NA	ENSG00000207101	0	NA	NA	NA	NA	
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NA	ENSG00000207105	0	NA	NA	NA	NA	
NA	ENSG00000207108	0	NA	NA	NA	NA	
109617024	ENSG00000207109	0	NA	NA	NA	NA	SNORD38C
NA	ENSG00000207110	0	NA	NA	NA	NA	RNVU1-32
684959	ENSG00000207112	0	NA	NA	NA	NA	SNORA25
NA	ENSG00000207113	0	NA	NA	NA	NA	RNU6-16P
NA	ENSG00000207114	0	NA	NA	NA	NA	RNU6-348P
NA	ENSG00000207115	0	NA	NA	NA	NA	RNU6-364P
NA	ENSG00000207116	0	NA	NA	NA	NA	RNU6-31P
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85390	ENSG00000207118	0	NA	NA	NA	NA	SNORD14D
NA	ENSG00000207119	0	NA	NA	NA	NA	
NA	ENSG00000207121	0	NA	NA	NA	NA	RNU6-1230P
NA	ENSG00000207122	0	NA	NA	NA	NA	RNU6-591P
NA	ENSG00000207123	0	NA	NA	NA	NA	
NA	ENSG00000207124	0	NA	NA	NA	NA	RNU6-163P
NA	ENSG00000207127	0	NA	NA	NA	NA	
NA	ENSG00000207128	0	NA	NA	NA	NA	RNU6-729P
NA	ENSG00000207129	0	NA	NA	NA	NA	RNA5SP187

NA	ENSG00000207130	0	NA	NA	NA	NA	
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NA	ENSG00000207132	0	NA	NA	NA	NA	
NA	ENSG00000207134	0	NA	NA	NA	NA	RNU6-106P
NA	ENSG00000207135	0	NA	NA	NA	NA	RNU6-452P
NA	ENSG00000207136	0	NA	NA	NA	NA	RNU6-769P
NA	ENSG00000207137	0	NA	NA	NA	NA	SNORD116-13
NA	ENSG00000207138	0	NA	NA	NA	NA	RNU6-869P
NA	ENSG00000207139	0	NA	NA	NA	NA	
NA	ENSG00000207142	0	NA	NA	NA	NA	
NA	ENSG00000207144	0	NA	NA	NA	NA	RNU6-1297P
677805	ENSG00000207145	0	NA	NA	NA	NA	SNORA18
NA	ENSG00000207146	0	NA	NA	NA	NA	
NA	ENSG00000207147	0	NA	NA	NA	NA	
NA	ENSG00000207148	0	NA	NA	NA	NA	
NA	ENSG00000207149	0	NA	NA	NA	NA	RNU6-465P
NA	ENSG00000207150	0	NA	NA	NA	NA	RNU6-185P
NA	ENSG00000207151	0	NA	NA	NA	NA	
NA	ENSG00000207153	0	NA	NA	NA	NA	RNU6-933P
NA	ENSG00000207154	0	NA	NA	NA	NA	RNU1-46P
NA	ENSG00000207155	0	NA	NA	NA	NA	RNY1P14
NA	ENSG00000207156	0	NA	NA	NA	NA	RNU6-505P
NA	ENSG00000207157	0	NA	NA	NA	NA	RNY3P4
NA	ENSG00000207158	0	NA	NA	NA	NA	RNU6-929P
NA	ENSG00000207160	0	NA	NA	NA	NA	RNU6-1289P
NA	ENSG00000207161	0	NA	NA	NA	NA	
NA	ENSG00000207162	0	NA	NA	NA	NA	RNU6-549P
NA	ENSG00000207163	0	NA	NA	NA	NA	RNU6-905P
NA	ENSG00000207164	0	NA	NA	NA	NA	
26778	ENSG00000207165	0	NA	NA	NA	NA	SNORA70
26780	ENSG00000207166	0	NA	NA	NA	NA	SNORA68
NA	ENSG00000207167	0	NA	NA	NA	NA	RNU6-1340P
677803	ENSG00000207168	0	NA	NA	NA	NA	SNORA15
NA	ENSG00000207169	0	NA	NA	NA	NA	RNU6-24P
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NA	ENSG00000207171	0	NA	NA	NA	NA	
NA	ENSG00000207172	0	NA	NA	NA	NA	RNU6-1162P
NA	ENSG00000207173	0	NA	NA	NA	NA	

NA	ENSG00000207174	0	NA	NA	NA	NA	SNORD116-15
NA	ENSG00000207175	0	NA	NA	NA	NA	RNU1-67P
NA	ENSG00000207176	0	NA	NA	NA	NA	
NA	ENSG00000207177	0	NA	NA	NA	NA	
NA	ENSG00000207178	0	NA	NA	NA	NA	RNU6-1122P
NA	ENSG00000207180	0	NA	NA	NA	NA	RNU6-411P
677802	ENSG00000207181	0	NA	NA	NA	NA	SNORA14B
NA	ENSG00000207182	0	NA	NA	NA	NA	RNU1-44P
NA	ENSG00000207183	0	NA	NA	NA	NA	RNU6-843P
NA	ENSG00000207185	0	NA	NA	NA	NA	RNU6-1157P
NA	ENSG00000207186	0	NA	NA	NA	NA	RNA5SP122
109616960	ENSG00000207187	0	NA	NA	NA	NA	SNORA10B
NA	ENSG00000207189	0	NA	NA	NA	NA	
NA	ENSG00000207190	0	NA	NA	NA	NA	RNU6-809P
NA	ENSG00000207191	0	NA	NA	NA	NA	SNORD116-5
NA	ENSG00000207192	0	NA	NA	NA	NA	RNU6-649P
NA	ENSG00000207193	0	NA	NA	NA	NA	
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NA	ENSG00000207196	0	NA	NA	NA	NA	
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NA	ENSG00000207198	0	NA	NA	NA	NA	RNU6-1195P
109616979	ENSG00000207199	0	NA	NA	NA	NA	
NA	ENSG00000207200	0	NA	NA	NA	NA	RNU6-45P
NA	ENSG00000207201	0	NA	NA	NA	NA	RNU1-148P
NA	ENSG00000207202	0	NA	NA	NA	NA	RNU6-800P
NA	ENSG00000207203	0	NA	NA	NA	NA	RNU6-71P
NA	ENSG00000207204	0	NA	NA	NA	NA	RNU6-393P
101954267	ENSG00000207205	0.16735865	0.01897177	0.38482933	0.78225479	NA	RNVU1-15
NA	ENSG00000207206	0	NA	NA	NA	NA	RNU6-1035P
NA	ENSG00000207207	0	NA	NA	NA	NA	
NA	ENSG00000207208	0	NA	NA	NA	NA	RNU6-790P
NA	ENSG00000207209	0	NA	NA	NA	NA	
NA	ENSG00000207210	0	NA	NA	NA	NA	
NA	ENSG00000207214	0	NA	NA	NA	NA	RNU6-102P
109617016	ENSG00000207215	0	NA	NA	NA	NA	SNORD3H
109616999	ENSG00000207217	0.173124	-0.01911262	0.38486262	0.84537521	NA	SNORA80D
NA	ENSG00000207218	0	NA	NA	NA	NA	

	NA	ENSG00000207220	0	NA	NA	NA	NA	RNU1-57P
100379250	NA	ENSG00000207221	0	NA	NA	NA	NA	SNORA70E
	NA	ENSG00000207222	0	NA	NA	NA	NA	RNU6-456P
	NA	ENSG00000207223	0	NA	NA	NA	NA	
	NA	ENSG00000207225	0	NA	NA	NA	NA	RNU6-692P
	NA	ENSG00000207227	0	NA	NA	NA	NA	RNU6-900P
	NA	ENSG00000207229	0	NA	NA	NA	NA	
	NA	ENSG00000207231	0	NA	NA	NA	NA	
677819	NA	ENSG00000207233	0	NA	NA	NA	NA	SNORA37
	NA	ENSG00000207234	0	NA	NA	NA	NA	RNU6-125P
	NA	ENSG00000207235	0	NA	NA	NA	NA	
	NA	ENSG00000207237	0	NA	NA	NA	NA	RNU6-110P
	NA	ENSG00000207240	0	NA	NA	NA	NA	
26805	NA	ENSG00000207241	0	NA	NA	NA	NA	SNORD45A
	NA	ENSG00000207242	0	NA	NA	NA	NA	RNU6-1065P
	NA	ENSG00000207243	0	NA	NA	NA	NA	
	NA	ENSG00000207244	0	NA	NA	NA	NA	
	NA	ENSG00000207245	0	NA	NA	NA	NA	SNORD116-29
	NA	ENSG00000207247	0	NA	NA	NA	NA	
	NA	ENSG00000207248	0	NA	NA	NA	NA	RNU6-1005P
	NA	ENSG00000207249	0	NA	NA	NA	NA	
	NA	ENSG00000207251	0	NA	NA	NA	NA	RNU6-342P
	NA	ENSG00000207252	0	NA	NA	NA	NA	
	NA	ENSG00000207255	0	NA	NA	NA	NA	RNU6-1117P
	NA	ENSG00000207256	0	NA	NA	NA	NA	RNU6-880P
	NA	ENSG00000207258	0	NA	NA	NA	NA	
	NA	ENSG00000207260	0	NA	NA	NA	NA	RNU6-35P
	NA	ENSG00000207261	0	NA	NA	NA	NA	RNU6-738P
	NA	ENSG00000207263	0	NA	NA	NA	NA	SNORD116-16
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654320	ENSG00000207304	0	NA	NA	NA	NA	SNORA8
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677806	ENSG00000207392	0	NA	NA	NA	NA	SNORA20
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26782	ENSG00000207523	0	NA	NA	NA	NA	SNORA66
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693129	ENSG00000207546	0	NA	NA	NA	NA	MIR548C
407014	ENSG00000207547	0	NA	NA	NA	NA	MIR25
406999	ENSG00000207548	0	NA	NA	NA	NA	MIR217
574481	ENSG00000207549	0	NA	NA	NA	NA	MIR521-2
407056	ENSG00000207550	0	NA	NA	NA	NA	MIR99B
693193	ENSG00000207551	0	NA	NA	NA	NA	MIR608
693218	ENSG00000207552	0	NA	NA	NA	NA	MIR633
693232	ENSG00000207554	0	NA	NA	NA	NA	MIR647
693163	ENSG00000207559	0	NA	NA	NA	NA	MIR578
693220	ENSG00000207561	0	NA	NA	NA	NA	MIR635
407042	ENSG00000207562	0	NA	NA	NA	NA	MIR34C

407011	ENSG00000207563	0	NA	NA	NA	NA	MIR23B
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574034	ENSG00000207569	0	NA	NA	NA	NA	MIR433
693200	ENSG00000207571	0	NA	NA	NA	NA	MIR615
693134	ENSG00000207573	0	NA	NA	NA	NA	MIR550A2
724031	ENSG00000207574	0	NA	NA	NA	NA	MIR661
693234	ENSG00000207575	0	NA	NA	NA	NA	MIR649
693172	ENSG00000207577	0	NA	NA	NA	NA	MIR587
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574468	ENSG00000207580	0	NA	NA	NA	NA	MIR526B
406978	ENSG00000207581	0	NA	NA	NA	NA	MIR199B
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693191	ENSG00000207583	0	NA	NA	NA	NA	MIR606
574457	ENSG00000207585	0	NA	NA	NA	NA	MIR181D
406926	ENSG00000207586	0	NA	NA	NA	NA	MIR135A2
664613	ENSG00000207587	0	NA	NA	NA	NA	MIR544A
693178	ENSG00000207588	0	NA	NA	NA	NA	MIR593
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574467	ENSG00000207594	0	NA	NA	NA	NA	MIR520A
406954	ENSG00000207595	0	NA	NA	NA	NA	MIR181A2
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574461	ENSG00000207599	0	NA	NA	NA	NA	MIR520E
693183	ENSG00000207600	0	NA	NA	NA	NA	MIR598
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693139	ENSG00000207606	0	NA	NA	NA	NA	MIR554
406983	ENSG00000207607	0	NA	NA	NA	NA	MIR200A
406914	ENSG00000207608	0	NA	NA	NA	NA	MIR127
574444	ENSG00000207609	0	NA	NA	NA	NA	MIR491
406941	ENSG00000207611	0	NA	NA	NA	NA	MIR149
693189	ENSG00000207612	0	NA	NA	NA	NA	MIR604
406957	ENSG00000207613	0	NA	NA	NA	NA	MIR181C
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406969	ENSG00000207624	0	NA	NA	NA	NA	MIR194-1
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693166	ENSG00000207627	0	NA	NA	NA	NA	MIR581
723779	ENSG00000207628	0	NA	NA	NA	NA	MIR651
574475	ENSG00000207629	0	NA	NA	NA	NA	MIR526A1
407045	ENSG00000207630	0	NA	NA	NA	NA	MIR7-3
693226	ENSG00000207631	0	NA	NA	NA	NA	MIR641
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574494	ENSG00000207634	0	NA	NA	NA	NA	MIR521-1
574501	ENSG00000207635	0	NA	NA	NA	NA	MIR499A
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574455	ENSG00000207639	0	NA	NA	NA	NA	MIR193B
574515	ENSG00000207641	0	NA	NA	NA	NA	MIR510
693156	ENSG00000207642	0	NA	NA	NA	NA	MIR571
574459	ENSG00000207644	0	NA	NA	NA	NA	MIR512-2
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693143	ENSG00000207653	0	NA	NA	NA	NA	MIR558
406915	ENSG00000207654	0	NA	NA	NA	NA	MIR128-1
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693187	ENSG00000207693	0	NA	NA	NA	NA	MIR602
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693182	ENSG00000207701	0	NA	NA	NA	NA	MIR597
406993	ENSG00000207702	0	NA	NA	NA	NA	MIR211
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406917	ENSG00000207705	0	NA	NA	NA	NA	MIR129-1
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693169	ENSG00000207714	0	NA	NA	NA	NA	MIR584
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693136	ENSG00000207717	0	NA	NA	NA	NA	MIR551B
693208	ENSG00000207719	0	NA	NA	NA	NA	MIR623
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574473	ENSG00000207722	0	NA	NA	NA	NA	MIR520B
407007	ENSG00000207725	0	NA	NA	NA	NA	MIR222
619556	ENSG00000207726	0	NA	NA	NA	NA	MIR455
693123	ENSG00000207728	0	NA	NA	NA	NA	MIR449B
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407000	ENSG00000207732	0	NA	NA	NA	NA	MIR218-1
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406956	ENSG00000207737	0	NA	NA	NA	NA	MIR181B2
574476	ENSG00000207738	0	NA	NA	NA	NA	MIR520C
407001	ENSG00000207739	0	NA	NA	NA	NA	MIR218-2
693175	ENSG00000207741	0	NA	NA	NA	NA	MIR590
619555	ENSG00000207742	0	NA	NA	NA	NA	MIR487A
574453	ENSG00000207743	0	NA	NA	NA	NA	MIR495
406903	ENSG00000207744	0	NA	NA	NA	NA	MIR10B
693160	ENSG00000207746	0	NA	NA	NA	NA	MIR575
407023	ENSG00000207749	0	NA	NA	NA	NA	MIR299

693138	ENSG00000207750	0	NA	NA	NA	NA	MIR553
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406976	ENSG00000207752	0	NA	NA	NA	NA	MIR199A1
664616	ENSG00000207754	0	NA	NA	NA	NA	MIR487B
574505	ENSG00000207755	0	NA	NA	NA	NA	MIR450A2
693165	ENSG00000207756	0	NA	NA	NA	NA	MIR580
407050	ENSG00000207757	0	NA	NA	NA	NA	MIR93
693124	ENSG00000207758	0	NA	NA	NA	NA	MIR532
406995	ENSG00000207759	0	NA	NA	NA	NA	MIR181A1
574408	ENSG00000207761	0	NA	NA	NA	NA	MIR329-1
574409	ENSG00000207762	0	NA	NA	NA	NA	MIR329-2
693202	ENSG00000207763	0	NA	NA	NA	NA	MIR617
693211	ENSG00000207766	0	NA	NA	NA	NA	MIR626
574498	ENSG00000207767	0	NA	NA	NA	NA	MIR516A1
406964	ENSG00000207768	0	NA	NA	NA	NA	MIR188
693171	ENSG00000207769	0	NA	NA	NA	NA	MIR586
693133	ENSG00000207771	0	NA	NA	NA	NA	MIR550A1
693227	ENSG00000207773	0	NA	NA	NA	NA	MIR642A
693125	ENSG00000207775	0	NA	NA	NA	NA	MIR548A1
693135	ENSG00000207776	0	NA	NA	NA	NA	MIR551A
100616357	ENSG00000207778	0	NA	NA	NA	NA	MIR3591
406949	ENSG00000207779	0	NA	NA	NA	NA	MIR15B
693233	ENSG00000207780	0	NA	NA	NA	NA	MIR648
693210	ENSG00000207781	0	NA	NA	NA	NA	MIR625
406942	ENSG00000207782	0	NA	NA	NA	NA	MIR150
664617	ENSG00000207784	0	NA	NA	NA	NA	MIR542
574502	ENSG00000207785	0	NA	NA	NA	NA	MIR500A
574466	ENSG00000207788	0	NA	NA	NA	NA	MIR519C
407016	ENSG00000207789	0	NA	NA	NA	NA	MIR26A2
406963	ENSG00000207797	0	NA	NA	NA	NA	MIR187
406998	ENSG00000207798	0	NA	NA	NA	NA	MIR216A
574484	ENSG00000207799	0	NA	NA	NA	NA	MIR520G
574507	ENSG00000207800	0	NA	NA	NA	NA	MIR504
693231	ENSG00000207802	0	NA	NA	NA	NA	MIR646
574488	ENSG00000207803	0	NA	NA	NA	NA	MIR518A1
693184	ENSG00000207804	0	NA	NA	NA	NA	MIR599
619552	ENSG00000207805	0	NA	NA	NA	NA	MIR483
407052	ENSG00000207807	0	NA	NA	NA	NA	MIR95

407018	ENSG00000207808	0	NA	NA	NA	NA	MIR27A
574463	ENSG00000207810	0	NA	NA	NA	NA	MIR519E
407041	ENSG00000207811	0	NA	NA	NA	NA	MIR34B
693190	ENSG00000207813	0	NA	NA	NA	NA	MIR605
406939	ENSG00000207814	0	NA	NA	NA	NA	MIR147A
693148	ENSG00000207815	0	NA	NA	NA	NA	MIR563
406908	ENSG00000207816	0	NA	NA	NA	NA	MIR124-2
406898	ENSG00000207818	0	NA	NA	NA	NA	MIR105-2
664614	ENSG00000207820	0	NA	NA	NA	NA	MIR545
693225	ENSG00000207821	0	NA	NA	NA	NA	MIR640
574469	ENSG00000207825	0	NA	NA	NA	NA	MIR519B
693181	ENSG00000207826	0	NA	NA	NA	NA	MIR596
407029	ENSG00000207827	0	NA	NA	NA	NA	MIR30A
574483	ENSG00000207837	0	NA	NA	NA	NA	MIR517B
574492	ENSG00000207838	0	NA	NA	NA	NA	MIR517C
693120	ENSG00000207839	0	NA	NA	NA	NA	MIR33B
574493	ENSG00000207861	0	NA	NA	NA	NA	MIR520H
574474	ENSG00000207862	0	NA	NA	NA	NA	MIR518B
406912	ENSG00000207863	0	NA	NA	NA	NA	MIR125B2
407019	ENSG00000207864	0	NA	NA	NA	NA	MIR27B
574517	ENSG00000207866	0	NA	NA	NA	NA	MIR514A2
574516	ENSG00000207868	0	NA	NA	NA	NA	MIR514A1
574460	ENSG00000207869	0	NA	NA	NA	NA	MIR498
407006	ENSG00000207870	0	NA	NA	NA	NA	MIR221
100313822	ENSG00000207871	0	NA	NA	NA	NA	MIR513B
574509	ENSG00000207873	0	NA	NA	NA	NA	MIR513A1
693195	ENSG00000207874	0	NA	NA	NA	NA	MIR610
NA	ENSG00000207922	0	NA	NA	NA	NA	
693144	ENSG00000207923	0	NA	NA	NA	NA	MIR559
406973	ENSG00000207924	0	NA	NA	NA	NA	MIR196A2
574485	ENSG00000207925	0	NA	NA	NA	NA	MIR516B2
406925	ENSG00000207926	0	NA	NA	NA	NA	MIR135A1
407028	ENSG00000207927	0	NA	NA	NA	NA	MIR302A
693188	ENSG00000207930	0	NA	NA	NA	NA	MIR603
693162	ENSG00000207931	0	NA	NA	NA	NA	MIR577
407039	ENSG00000207932	0	NA	NA	NA	NA	MIR33A
407046	ENSG00000207933	0	NA	NA	NA	NA	MIR9-1
724024	ENSG00000207934	0	NA	NA	NA	NA	MIR654

406987	ENSG00000207935	0	NA	NA	NA	NA	MIR204
574445	ENSG00000207938	0	NA	NA	NA	NA	MIR511
693152	ENSG00000207940	0	NA	NA	NA	NA	MIR567
693137	ENSG00000207941	0	NA	NA	NA	NA	MIR552
406927	ENSG00000207942	0	NA	NA	NA	NA	MIR136
693219	ENSG00000207943	0	NA	NA	NA	NA	MIR634
693159	ENSG00000207944	0	NA	NA	NA	NA	MIR574
574490	ENSG00000207946	0	NA	NA	NA	NA	MIR516B1
406943	ENSG00000207947	0	NA	NA	NA	NA	MIR152
442901	ENSG00000207948	0	NA	NA	NA	NA	MIR328
693146	ENSG00000207951	0	NA	NA	NA	NA	MIR561
693209	ENSG00000207952	0	NA	NA	NA	NA	MIR624
406929	ENSG00000207954	0	NA	NA	NA	NA	MIR138-1
NA	ENSG00000207955	1.13471309	0.01599169	0.38001474	0.8021103	NA	
693164	ENSG00000207956	0	NA	NA	NA	NA	MIR579
406897	ENSG00000207957	0	NA	NA	NA	NA	MIR105-1
724026	ENSG00000207959	0	NA	NA	NA	NA	MIR656
406945	ENSG00000207960	0	NA	NA	NA	NA	MIR153-2
574454	ENSG00000207961	0	NA	NA	NA	NA	MIR496
407031	ENSG00000207962	0	NA	NA	NA	NA	MIR30C1
693154	ENSG00000207963	0	NA	NA	NA	NA	MIR569
693214	ENSG00000207965	0	NA	NA	NA	NA	MIR629
693205	ENSG00000207967	0	NA	NA	NA	NA	MIR620
574512	ENSG00000207969	0	NA	NA	NA	NA	MIR507
724030	ENSG00000207970	0	NA	NA	NA	NA	MIR660
406911	ENSG00000207971	0	NA	NA	NA	NA	MIR125B1
693223	ENSG00000207972	0	NA	NA	NA	NA	MIR638
693174	ENSG00000207973	0	NA	NA	NA	NA	MIR589
693142	ENSG00000207974	0	NA	NA	NA	NA	MIR557
406955	ENSG00000207975	0	NA	NA	NA	NA	MIR181B1
693192	ENSG00000207976	0	NA	NA	NA	NA	MIR607
406946	ENSG00000207978	0	NA	NA	NA	NA	MIR154
574497	ENSG00000207979	0	NA	NA	NA	NA	MIR527
407010	ENSG00000207980	0	NA	NA	NA	NA	MIR23A
574480	ENSG00000207981	0	NA	NA	NA	NA	MIR519D
693128	ENSG00000207982	0	NA	NA	NA	NA	MIR548B
693198	ENSG00000207983	0	NA	NA	NA	NA	MIR613
574510	ENSG00000207984	0	NA	NA	NA	NA	MIR513A2

574487	ENSG00000207987	0	NA	NA	NA	NA	MIR518E
693161	ENSG00000207988	0	NA	NA	NA	NA	MIR576
574450	ENSG00000207989	0	NA	NA	NA	NA	MIR493
406958	ENSG00000207990	0	NA	NA	NA	NA	MIR182
693186	ENSG00000207991	0	NA	NA	NA	NA	MIR601
574496	ENSG00000207992	0	NA	NA	NA	NA	MIR519A1
406924	ENSG00000207993	0	NA	NA	NA	NA	MIR134
406892	ENSG00000207994	0	NA	NA	NA	NA	MIR100
442899	ENSG00000207995	0	NA	NA	NA	NA	MIR325
407027	ENSG00000207996	0	NA	NA	NA	NA	MIR301A
693229	ENSG00000207997	0	NA	NA	NA	NA	MIR644A
574514	ENSG00000208000	0	NA	NA	NA	NA	MIR509-1
574038	ENSG00000208001	0	NA	NA	NA	NA	MIR431
693228	ENSG00000208002	0	NA	NA	NA	NA	MIR643
693132	ENSG00000208003	0	NA	NA	NA	NA	MIR549A
574410	ENSG00000208004	0	NA	NA	NA	NA	MIR323B
574506	ENSG00000208005	0	NA	NA	NA	NA	MIR503
406950	ENSG00000208006	0	NA	NA	NA	NA	MIR16-1
406910	ENSG00000208008	0	NA	NA	NA	NA	MIR125A
406919	ENSG00000208009	0	NA	NA	NA	NA	MIR130A
406889	ENSG00000208012	0	NA	NA	NA	NA	MIRLET7F2
724022	ENSG00000208013	0	NA	NA	NA	NA	MIR652
724023	ENSG00000208014	0	NA	NA	NA	NA	MIR653
574030	ENSG00000208015	0	NA	NA	NA	NA	MIR362
406932	ENSG00000208017	0	NA	NA	NA	NA	MIR140
693230	ENSG00000208018	0	NA	NA	NA	NA	MIR645
693203	ENSG00000208022	0	NA	NA	NA	NA	MIR618
406961	ENSG00000208023	0	NA	NA	NA	NA	MIR185
406977	ENSG00000208024	0	NA	NA	NA	NA	MIR199A2
693176	ENSG00000208025	0	NA	NA	NA	NA	MIR591
574436	ENSG00000208027	0	NA	NA	NA	NA	MIR485
693201	ENSG00000208028	0	NA	NA	NA	NA	MIR616
693127	ENSG00000208032	0	NA	NA	NA	NA	MIR548A3
693194	ENSG00000208033	0	NA	NA	NA	NA	MIR609
406900	ENSG00000208036	0	NA	NA	NA	NA	MIR106B
NA	ENSG00000208037	0	NA	NA	NA	NA	MIR320A
109616967	ENSG00000208308	0	NA	NA	NA	NA	SNORA40B
692225	ENSG00000208772	0	NA	NA	NA	NA	SNORD94

8944	ENSG00000208797	0	NA	NA	NA	NA	SNORD73A
677816	ENSG00000208839	0	NA	NA	NA	NA	SNORA35
692226	ENSG00000208883	0	NA	NA	NA	NA	SNORD96B
677829	ENSG00000208892	0	NA	NA	NA	NA	SNORA49
NA	ENSG00000209042	0	NA	NA	NA	NA	SNORD12C
NA	ENSG00000209082	0	NA	NA	NA	NA	MT-TL1
116938	ENSG00000209480	0	NA	NA	NA	NA	SNORD83B
116937	ENSG00000209482	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SNORD83A
652965	ENSG00000209582	0	NA	NA	NA	NA	SNORA48
692229	ENSG00000209645	0	NA	NA	NA	NA	SNORD105
26810	ENSG00000209702	0	NA	NA	NA	NA	SNORD41
NA	ENSG00000210049	0.34746601	0.02370763	0.3853651	0.61987128	NA	MT-TF
NA	ENSG00000210077	0	NA	NA	NA	NA	MT-TV
NA	ENSG00000210082	125227.312	0.48733973	0.09429628	9.85E-08	1.30E-06	MT-RNR2
NA	ENSG00000210100	0	NA	NA	NA	NA	MT-TI
NA	ENSG00000210107	0.47237597	-0.03501478	0.38628028	0.496551	NA	MT-TQ
NA	ENSG00000210112	0	NA	NA	NA	NA	MT-TM
NA	ENSG00000210117	0	NA	NA	NA	NA	MT-TW
NA	ENSG00000210127	2.31913423	0.04038395	0.37525791	0.67277406	NA	MT-TA
NA	ENSG00000210135	0.4920739	0.01062491	0.38334076	0.79320141	NA	MT-TN
NA	ENSG00000210140	0.68208768	0.00452981	0.38130786	0.92966277	NA	MT-TC
NA	ENSG00000210144	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MT-TY
113219467	ENSG00000210151	0.32443212	0.00133214	0.3833368	0.96755054	NA	MT-TS1
NA	ENSG00000210154	0	NA	NA	NA	NA	MT-TD
NA	ENSG00000210156	0	NA	NA	NA	NA	MT-TK
NA	ENSG00000210164	0	NA	NA	NA	NA	MT-TG
NA	ENSG00000210174	0	NA	NA	NA	NA	MT-TR
NA	ENSG00000210176	0	NA	NA	NA	NA	MT-TH
NA	ENSG00000210181	0	NA	NA	NA	NA	RNU6ATAC4P
NA	ENSG00000210184	0	NA	NA	NA	NA	MT-TS2
NA	ENSG00000210191	0	NA	NA	NA	NA	MT-TL2
NA	ENSG00000210194	0	NA	NA	NA	NA	MT-TE
NA	ENSG00000210195	0	NA	NA	NA	NA	MT-TT
NA	ENSG00000210196	0	NA	NA	NA	NA	MT-TP
NA	ENSG00000210678	0	NA	NA	NA	NA	RNU6ATAC2P
NA	ENSG00000210709	0	NA	NA	NA	NA	RNU6ATAC3P
406972	ENSG00000210741	0	NA	NA	NA	NA	MIR196A1
NA	ENSG00000210825	0	NA	NA	NA	NA	SNORA40

NA	ENSG00000210839	0	NA	NA	NA	NA	RNU6ATAC5P
NA	ENSG00000210841	0	NA	NA	NA	NA	RNU6ATAC26P
406965	ENSG00000211137	0	NA	NA	NA	NA	MIR190A
2878	ENSG00000211445	163.401311	-1.20905838	0.23966548	4.34E-08	6.01E-07	GPX3
1734	ENSG00000211448	7.6221866	0.00124153	0.36115535	0.9945766	0.99845164	DIO2
280636	ENSG00000211450	992.006301	-0.27555063	0.0914747	0.00186572	0.01008609	SELENOH
114814	ENSG00000211451	18.7678091	0.01639362	0.31817013	0.9293525	0.97049075	GNRHR2
1733	ENSG00000211452	1.28850183	0.02995256	0.38153639	0.56886766	NA	DIO1
NA	ENSG00000211454	25.8700232	0.05485562	0.31674917	0.7659564	0.89234011	AKR7L
23012	ENSG00000211455	754.97295	0.12307075	0.10832977	0.23624575	0.45303651	STK38L
22908	ENSG00000211456	1005.86115	0.3098123	0.09145039	0.00047135	0.00306508	SACM1L
NA	ENSG00000211459	17086.4398	0.22349174	0.05098906	9.64E-06	9.17E-05	MT-RNR1
7247	ENSG00000211460	1339.47789	0.02782407	0.08166179	0.72744444	0.86963712	TSN
NA	ENSG00000211491	0	NA	NA	NA	NA	MIR320D1
NA	ENSG00000211513	0	NA	NA	NA	NA	MIR320E
768216	ENSG00000211514	0	NA	NA	NA	NA	MIR454
100126319	ENSG00000211520	0	NA	NA	NA	NA	MIR216B
574486	ENSG00000211532	0	NA	NA	NA	NA	MIR526A2
574503	ENSG00000211538	0	NA	NA	NA	NA	MIR501
NA	ENSG00000211543	0	NA	NA	NA	NA	MIR320B1
100422915	ENSG00000211563	0	NA	NA	NA	NA	MIR3065
100313777	ENSG00000211568	0	NA	NA	NA	NA	MIR670
768222	ENSG00000211574	0	NA	NA	NA	NA	MIR770
100126348	ENSG00000211575	0	NA	NA	NA	NA	MIR760
768218	ENSG00000211578	0	NA	NA	NA	NA	MIR766
100313778	ENSG00000211579	0	NA	NA	NA	NA	MIR759
768217	ENSG00000211580	0	NA	NA	NA	NA	MIR769
768220	ENSG00000211581	0	NA	NA	NA	NA	MIR765
768212	ENSG00000211582	0	NA	NA	NA	NA	MIR758
768215	ENSG00000211583	0	NA	NA	NA	NA	MIR767
55652	ENSG00000211584	255.763616	-0.19400138	0.16243066	0.18628149	0.38596943	SLC48A1
768219	ENSG00000211590	0	NA	NA	NA	NA	MIR802
100313837	ENSG00000211591	0	NA	NA	NA	NA	MIR762
NA	ENSG00000211592	0	NA	NA	NA	NA	IGKC
NA	ENSG00000211593	0	NA	NA	NA	NA	IGKJ5
NA	ENSG00000211594	0	NA	NA	NA	NA	IGKJ4
NA	ENSG00000211595	0	NA	NA	NA	NA	IGKJ3
NA	ENSG00000211596	0	NA	NA	NA	NA	IGKJ2

NA	ENSG00000211597	0	NA	NA	NA	NA	IGKJ1
NA	ENSG00000211598	0	NA	NA	NA	NA	IGKV4-1
NA	ENSG00000211599	0	NA	NA	NA	NA	IGKV5-2
NA	ENSG00000211611	0	NA	NA	NA	NA	IGKV6-21
NA	ENSG00000211623	0	NA	NA	NA	NA	IGKV2D-26
NA	ENSG00000211625	0	NA	NA	NA	NA	IGKV3D-20
NA	ENSG00000211626	0	NA	NA	NA	NA	IGKV6D-41
NA	ENSG00000211632	0	NA	NA	NA	NA	IGKV3D-11
NA	ENSG00000211633	0	NA	NA	NA	NA	IGKV1D-42
NA	ENSG00000211637	0	NA	NA	NA	NA	IGLV4-69
NA	ENSG00000211638	0	NA	NA	NA	NA	IGLV8-61
NA	ENSG00000211639	0	NA	NA	NA	NA	IGLV4-60
NA	ENSG00000211640	0	NA	NA	NA	NA	IGLV6-57
NA	ENSG00000211641	0	NA	NA	NA	NA	IGLV11-55
NA	ENSG00000211642	0	NA	NA	NA	NA	IGLV10-54
NA	ENSG00000211643	0	NA	NA	NA	NA	IGLV5-52
NA	ENSG00000211644	0	NA	NA	NA	NA	IGLV1-51
NA	ENSG00000211645	0.29863895	-0.02292439	0.3852726	0.68753245	NA	IGLV1-50
NA	ENSG00000211647	0	NA	NA	NA	NA	IGLV5-48
NA	ENSG00000211648	0	NA	NA	NA	NA	IGLV1-47
NA	ENSG00000211649	0	NA	NA	NA	NA	IGLV7-46
NA	ENSG00000211650	0	NA	NA	NA	NA	IGLV5-45
NA	ENSG00000211651	0	NA	NA	NA	NA	IGLV1-44
NA	ENSG00000211652	0	NA	NA	NA	NA	IGLV7-43
NA	ENSG00000211653	0	NA	NA	NA	NA	IGLV1-40
NA	ENSG00000211654	0	NA	NA	NA	NA	IGLV5-37
NA	ENSG00000211655	0	NA	NA	NA	NA	IGLV1-36
NA	ENSG00000211656	0	NA	NA	NA	NA	IGLV2-33
NA	ENSG00000211657	0	NA	NA	NA	NA	IGLV3-32
NA	ENSG00000211658	0	NA	NA	NA	NA	IGLV3-27
NA	ENSG00000211659	0	NA	NA	NA	NA	IGLV3-25
NA	ENSG00000211660	0	NA	NA	NA	NA	IGLV2-23
NA	ENSG00000211661	0	NA	NA	NA	NA	IGLV3-22
NA	ENSG00000211662	0	NA	NA	NA	NA	IGLV3-21
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NA	ENSG00000211664	0	NA	NA	NA	NA	IGLV2-18
NA	ENSG00000211665	0	NA	NA	NA	NA	IGLV3-16
NA	ENSG00000211666	0	NA	NA	NA	NA	IGLV2-14

NA	ENSG00000211667	0	NA	NA	NA	NA	IGLV3-12
NA	ENSG00000211668	0	NA	NA	NA	NA	IGLV2-11
NA	ENSG00000211669	0	NA	NA	NA	NA	IGLV3-10
NA	ENSG00000211670	0	NA	NA	NA	NA	IGLV3-9
NA	ENSG00000211672	0	NA	NA	NA	NA	IGLV4-3
NA	ENSG00000211673	0	NA	NA	NA	NA	IGLV3-1
NA	ENSG00000211674	0	NA	NA	NA	NA	IGLJ1
NA	ENSG00000211675	0	NA	NA	NA	NA	IGLC1
NA	ENSG00000211676	0	NA	NA	NA	NA	IGLJ2
NA	ENSG00000211677	0	NA	NA	NA	NA	IGLC2
NA	ENSG00000211678	0	NA	NA	NA	NA	IGLJ3
NA	ENSG00000211679	0	NA	NA	NA	NA	IGLC3
NA	ENSG00000211680	0	NA	NA	NA	NA	IGLJ4
NA	ENSG00000211681	0	NA	NA	NA	NA	IGLJ5
NA	ENSG00000211682	0	NA	NA	NA	NA	IGLJ6
NA	ENSG00000211683	3.33260119	-0.01399309	0.36746709	0.89738075	0.95499834	
NA	ENSG00000211684	0	NA	NA	NA	NA	IGLJ7
NA	ENSG00000211685	0	NA	NA	NA	NA	IGLC7
NA	ENSG00000211687	0	NA	NA	NA	NA	TRGJ2
NA	ENSG00000211688	0	NA	NA	NA	NA	TRGJP2
445347	ENSG00000211689	0	NA	NA	NA	NA	TRGC1
NA	ENSG00000211691	0	NA	NA	NA	NA	TRGJP
NA	ENSG00000211692	0	NA	NA	NA	NA	TRGJP1
NA	ENSG00000211693	0	NA	NA	NA	NA	TRGV11
NA	ENSG00000211694	0	NA	NA	NA	NA	TRGV10
NA	ENSG00000211695	0	NA	NA	NA	NA	TRGV9
NA	ENSG00000211696	0	NA	NA	NA	NA	TRGV8
NA	ENSG00000211697	0	NA	NA	NA	NA	TRGV5
NA	ENSG00000211698	0	NA	NA	NA	NA	TRGV4
NA	ENSG00000211699	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TRGV3
NA	ENSG00000211701	0	NA	NA	NA	NA	TRGV1
NA	ENSG00000211706	0	NA	NA	NA	NA	TRBV6-1
NA	ENSG00000211707	0	NA	NA	NA	NA	TRBV7-1
NA	ENSG00000211710	0	NA	NA	NA	NA	TRBV4-1
NA	ENSG00000211713	0	NA	NA	NA	NA	TRBV6-4
NA	ENSG00000211714	0	NA	NA	NA	NA	TRBV7-3
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NA	ENSG00000211716	0	NA	NA	NA	NA	TRBV9

NA	ENSG00000211717	0	NA	NA	NA	NA	TRBV10-1
NA	ENSG00000211720	0	NA	NA	NA	NA	TRBV11-1
NA	ENSG00000211721	0	NA	NA	NA	NA	TRBV6-5
NA	ENSG00000211724	0	NA	NA	NA	NA	TRBV6-6
NA	ENSG00000211725	0	NA	NA	NA	NA	TRBV5-5
NA	ENSG00000211727	0	NA	NA	NA	NA	TRBV7-6
NA	ENSG00000211728	0	NA	NA	NA	NA	TRBV5-6
NA	ENSG00000211731	0	NA	NA	NA	NA	TRBV5-7
NA	ENSG00000211734	0	NA	NA	NA	NA	TRBV5-1
NA	ENSG00000211739	0	NA	NA	NA	NA	TRBV12-2
NA	ENSG00000211745	0	NA	NA	NA	NA	TRBV4-2
NA	ENSG00000211746	0	NA	NA	NA	NA	TRBV19
NA	ENSG00000211747	0	NA	NA	NA	NA	TRBV20-1
NA	ENSG00000211749	0.173124	-0.01911262	0.38486262	0.84537521	NA	TRBV23-1
NA	ENSG00000211750	0	NA	NA	NA	NA	TRBV24-1
NA	ENSG00000211751	0	NA	NA	NA	NA	TRBC1
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NA	ENSG00000211764	0	NA	NA	NA	NA	TRBJ2-1
NA	ENSG00000211765	0	NA	NA	NA	NA	TRBJ2-2
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NA	ENSG00000211767	0	NA	NA	NA	NA	TRBJ2-3
NA	ENSG00000211768	0	NA	NA	NA	NA	TRBJ2-4
NA	ENSG00000211769	0	NA	NA	NA	NA	TRBJ2-5
NA	ENSG00000211770	0	NA	NA	NA	NA	TRBJ2-6
NA	ENSG00000211771	0	NA	NA	NA	NA	TRBJ2-7
NA	ENSG00000211772	0	NA	NA	NA	NA	TRBC2
NA	ENSG00000211776	0	NA	NA	NA	NA	TRAV2
NA	ENSG00000211777	0	NA	NA	NA	NA	TRAV3
NA	ENSG00000211778	0	NA	NA	NA	NA	TRAV4
NA	ENSG00000211779	0	NA	NA	NA	NA	TRAV5
NA	ENSG00000211780	0	NA	NA	NA	NA	TRAV6
NA	ENSG00000211781	0	NA	NA	NA	NA	TRAV7
NA	ENSG00000211782	0	NA	NA	NA	NA	TRAV8-1
NA	ENSG00000211783	0	NA	NA	NA	NA	TRAV9-1
NA	ENSG00000211784	0	NA	NA	NA	NA	TRAV10
NA	ENSG00000211785	0	NA	NA	NA	NA	TRAV12-1
NA	ENSG00000211786	0	NA	NA	NA	NA	TRAV8-2

NA	ENSG00000211787	0	NA	NA	NA	NA	TRAV8-3
NA	ENSG00000211788	0	NA	NA	NA	NA	TRAV13-1
NA	ENSG00000211789	0	NA	NA	NA	NA	TRAV12-2
NA	ENSG00000211790	0	NA	NA	NA	NA	TRAV8-4
NA	ENSG00000211791	0	NA	NA	NA	NA	TRAV13-2
NA	ENSG00000211792	0	NA	NA	NA	NA	TRAV14DV4
NA	ENSG00000211793	0	NA	NA	NA	NA	TRAV9-2
NA	ENSG00000211794	0	NA	NA	NA	NA	TRAV12-3
NA	ENSG00000211795	0	NA	NA	NA	NA	TRAV8-6
NA	ENSG00000211796	0	NA	NA	NA	NA	TRAV16
NA	ENSG00000211797	0	NA	NA	NA	NA	TRAV17
NA	ENSG00000211798	0	NA	NA	NA	NA	TRAV18
NA	ENSG00000211799	0	NA	NA	NA	NA	TRAV19
NA	ENSG00000211800	0	NA	NA	NA	NA	TRAV20
NA	ENSG00000211801	0	NA	NA	NA	NA	TRAV21
NA	ENSG00000211802	0	NA	NA	NA	NA	TRAV22
NA	ENSG00000211803	0	NA	NA	NA	NA	TRAV23DV6
NA	ENSG00000211804	0	NA	NA	NA	NA	TRDV1
NA	ENSG00000211805	0	NA	NA	NA	NA	TRAV24
NA	ENSG00000211806	0	NA	NA	NA	NA	TRAV25
NA	ENSG00000211807	0	NA	NA	NA	NA	TRAV26-1
NA	ENSG00000211808	0	NA	NA	NA	NA	TRAV8-7
NA	ENSG00000211809	0	NA	NA	NA	NA	TRAV27
NA	ENSG00000211810	0	NA	NA	NA	NA	TRAV29DV5
NA	ENSG00000211812	0	NA	NA	NA	NA	TRAV26-2
NA	ENSG00000211813	0	NA	NA	NA	NA	TRAV34
NA	ENSG00000211814	0	NA	NA	NA	NA	TRAV35
NA	ENSG00000211815	0	NA	NA	NA	NA	TRAV36DV7
NA	ENSG00000211816	0	NA	NA	NA	NA	TRAV38-1
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NA	ENSG00000211819	0	NA	NA	NA	NA	TRAV40
NA	ENSG00000211820	0	NA	NA	NA	NA	TRAV41
NA	ENSG00000211821	0	NA	NA	NA	NA	TRDV2
NA	ENSG00000211825	0	NA	NA	NA	NA	TRDJ1
NA	ENSG00000211826	0	NA	NA	NA	NA	TRDJ4
NA	ENSG00000211827	0	NA	NA	NA	NA	TRDJ2
NA	ENSG00000211828	0	NA	NA	NA	NA	TRDJ3

NA	ENSG00000211829	0	NA	NA	NA	NA	TRDC
NA	ENSG00000211831	0	NA	NA	NA	NA	TRAJ61
NA	ENSG00000211832	0	NA	NA	NA	NA	TRAJ59
NA	ENSG00000211833	0	NA	NA	NA	NA	TRAJ58
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NA	ENSG00000211835	0	NA	NA	NA	NA	TRAJ56
NA	ENSG00000211836	0	NA	NA	NA	NA	TRAJ54
NA	ENSG00000211837	0	NA	NA	NA	NA	TRAJ53
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NA	ENSG00000211839	0	NA	NA	NA	NA	TRAJ50
NA	ENSG00000211840	0	NA	NA	NA	NA	TRAJ49
NA	ENSG00000211841	0	NA	NA	NA	NA	TRAJ48
NA	ENSG00000211842	0	NA	NA	NA	NA	TRAJ47
NA	ENSG00000211843	0	NA	NA	NA	NA	TRAJ46
NA	ENSG00000211844	0	NA	NA	NA	NA	TRAJ45
NA	ENSG00000211845	0	NA	NA	NA	NA	TRAJ44
NA	ENSG00000211846	0	NA	NA	NA	NA	TRAJ43
NA	ENSG00000211847	0	NA	NA	NA	NA	TRAJ42
NA	ENSG00000211848	0	NA	NA	NA	NA	TRAJ41
NA	ENSG00000211849	0	NA	NA	NA	NA	TRAJ40
NA	ENSG00000211850	0	NA	NA	NA	NA	TRAJ39
NA	ENSG00000211851	0	NA	NA	NA	NA	TRAJ38
NA	ENSG00000211854	0	NA	NA	NA	NA	TRAJ35
NA	ENSG00000211855	0	NA	NA	NA	NA	TRAJ34
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NA	ENSG00000211867	0	NA	NA	NA	NA	TRAJ22
NA	ENSG00000211868	0	NA	NA	NA	NA	TRAJ21
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NA	ENSG00000211870	0	NA	NA	NA	NA	TRAJ19
NA	ENSG00000211871	0	NA	NA	NA	NA	TRAJ18
NA	ENSG00000211872	0	NA	NA	NA	NA	TRAJ17
NA	ENSG00000211873	0	NA	NA	NA	NA	TRAJ16
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NA	ENSG00000211880	0	NA	NA	NA	NA	TRAJ9
NA	ENSG00000211881	0	NA	NA	NA	NA	TRAJ8
NA	ENSG00000211882	0	NA	NA	NA	NA	TRAJ7
NA	ENSG00000211883	0	NA	NA	NA	NA	TRAJ6
NA	ENSG00000211884	0	NA	NA	NA	NA	TRAJ5
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NA	ENSG00000211887	0	NA	NA	NA	NA	TRAJ2
NA	ENSG00000211888	0	NA	NA	NA	NA	TRAJ1
NA	ENSG00000211890	0	NA	NA	NA	NA	IGHA2
NA	ENSG00000211891	0	NA	NA	NA	NA	IGHE
NA	ENSG00000211892	0	NA	NA	NA	NA	IGHG4
NA	ENSG00000211893	0	NA	NA	NA	NA	IGHG2
NA	ENSG00000211895	0.14931947	-0.01844332	0.38480212	0.84537521	NA	IGHA1
NA	ENSG00000211896	0.3244501	0.0013474	0.38336813	0.9674047	NA	IGHG1
NA	ENSG00000211897	0	NA	NA	NA	NA	IGHG3
NA	ENSG00000211898	0	NA	NA	NA	NA	IGHD
NA	ENSG00000211899	0	NA	NA	NA	NA	IGHM
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NA	ENSG00000211904	0	NA	NA	NA	NA	IGHJ2
NA	ENSG00000211905	0	NA	NA	NA	NA	IGHJ1
NA	ENSG00000211907	0	NA	NA	NA	NA	IGHD1-26
NA	ENSG00000211909	0	NA	NA	NA	NA	IGHD5-24
NA	ENSG00000211911	0	NA	NA	NA	NA	IGHD3-22
NA	ENSG00000211912	0	NA	NA	NA	NA	IGHD2-21
NA	ENSG00000211914	0	NA	NA	NA	NA	IGHD6-19
NA	ENSG00000211915	0	NA	NA	NA	NA	IGHD5-18
NA	ENSG00000211917	0	NA	NA	NA	NA	IGHD3-16
NA	ENSG00000211918	0	NA	NA	NA	NA	IGHD2-15

NA	ENSG00000211920	0	NA	NA	NA	NA	IGHD6-13
NA	ENSG00000211921	0	NA	NA	NA	NA	IGHD5-12
NA	ENSG00000211923	0	NA	NA	NA	NA	IGHD3-10
NA	ENSG00000211924	0	NA	NA	NA	NA	IGHD3-9
NA	ENSG00000211925	0	NA	NA	NA	NA	IGHD2-8
NA	ENSG00000211930	0	NA	NA	NA	NA	IGHD3-3
NA	ENSG00000211931	0	NA	NA	NA	NA	IGHD2-2
NA	ENSG00000211933	0	NA	NA	NA	NA	IGHV6-1
NA	ENSG00000211934	0	NA	NA	NA	NA	IGHV1-2
NA	ENSG00000211935	0	NA	NA	NA	NA	IGHV1-3
NA	ENSG00000211937	0	NA	NA	NA	NA	IGHV2-5
NA	ENSG00000211938	0	NA	NA	NA	NA	IGHV3-7
NA	ENSG00000211941	0	NA	NA	NA	NA	IGHV3-11
NA	ENSG00000211942	0	NA	NA	NA	NA	IGHV3-13
NA	ENSG00000211943	0	NA	NA	NA	NA	IGHV3-15
NA	ENSG00000211944	0	NA	NA	NA	NA	IGHV3-16
NA	ENSG00000211945	0	NA	NA	NA	NA	IGHV1-18
NA	ENSG00000211946	0	NA	NA	NA	NA	IGHV3-20
NA	ENSG00000211947	0	NA	NA	NA	NA	IGHV3-21
NA	ENSG00000211949	0	NA	NA	NA	NA	IGHV3-23
NA	ENSG00000211950	0	NA	NA	NA	NA	IGHV1-24
NA	ENSG00000211951	0	NA	NA	NA	NA	IGHV2-26
NA	ENSG00000211952	0	NA	NA	NA	NA	IGHV4-28
NA	ENSG00000211955	1.45179463	0.01900771	0.37885436	0.78970841	NA	IGHV3-33
NA	ENSG00000211956	12.338686	0.15511534	0.37499464	0.35427843	0.58481438	IGHV4-34
NA	ENSG00000211957	0.76437655	-0.02307021	0.38373951	0.60708111	NA	IGHV3-35
NA	ENSG00000211958	2.27613262	0.05802668	0.37919282	0.53243445	NA	IGHV3-38
NA	ENSG00000211959	0.15069912	-0.01848503	0.38480575	0.84537521	NA	IGHV4-39
NA	ENSG00000211961	1.18566459	0.01896899	0.38015591	0.76681443	NA	IGHV1-45
NA	ENSG00000211962	5.97503313	0.14812238	0.39526151	0.28037698	0.5049178	IGHV1-46
NA	ENSG00000211964	0	NA	NA	NA	NA	IGHV3-48
NA	ENSG00000211965	0	NA	NA	NA	NA	IGHV3-49
NA	ENSG00000211966	0	NA	NA	NA	NA	IGHV5-51
NA	ENSG00000211967	0	NA	NA	NA	NA	IGHV3-53
NA	ENSG00000211968	0	NA	NA	NA	NA	IGHV1-58
NA	ENSG00000211970	0	NA	NA	NA	NA	IGHV4-61
NA	ENSG00000211972	0	NA	NA	NA	NA	IGHV3-66
NA	ENSG00000211973	0	NA	NA	NA	NA	IGHV1-69

NA	ENSG00000211974	0	NA	NA	NA	NA	IGHV2-70D
NA	ENSG00000211976	0	NA	NA	NA	NA	IGHV3-73
NA	ENSG00000211978	0	NA	NA	NA	NA	IGHV5-78
NA	ENSG00000211979	0	NA	NA	NA	NA	IGHV7-81
100500887	ENSG00000211991	0	NA	NA	NA	NA	MIR676
100126333	ENSG00000211997	0	NA	NA	NA	NA	MIR708
100126301	ENSG00000212013	0	NA	NA	NA	NA	MIR509-2
100126337	ENSG00000212014	0	NA	NA	NA	NA	MIR509-3
100422884	ENSG00000212017	0	NA	NA	NA	NA	MIR548U
100616354	ENSG00000212024	0	NA	NA	NA	NA	MIR550A3
100126317	ENSG00000212027	0	NA	NA	NA	NA	MIR374B
102465854	ENSG00000212036	0	NA	NA	NA	NA	MIR548BA
100126335	ENSG00000212040	0	NA	NA	NA	NA	MIR543
NA	ENSG00000212051	0	NA	NA	NA	NA	MIR320C2
100313838	ENSG00000212100	0	NA	NA	NA	NA	MIR764
100126318	ENSG00000212102	0	NA	NA	NA	NA	MIR301B
83942	ENSG00000212122	1.83880827	0.09057265	0.39681034	0.13153654	NA	TSSK1B
163154	ENSG00000212123	40.4799834	0.15194566	0.28111467	0.44654984	0.67077141	PRR22
259294	ENSG00000212124	6.68558122	0.38481437	0.65033043	0.03001163	0.1003422	TAS2R19
NA	ENSG00000212125	6.11039886	0.14715573	0.39049783	0.30697385	0.53453681	TAS2R15P
259296	ENSG00000212126	1.51884284	0.02451317	0.37925517	0.73143546	NA	TAS2R50
50840	ENSG00000212127	31.424637	-0.330237	0.3539733	0.14087851	0.31892169	TAS2R14
106707243	ENSG00000212127	31.424637	-0.330237	0.3539733	0.14087851	0.31892169	TAS2R14
50838	ENSG00000212128	1.96005034	0.11217192	0.40103568	0.16668453	NA	TAS2R13
NA	ENSG00000212133	0	NA	NA	NA	NA	RNU6-1168P
NA	ENSG00000212134	0	NA	NA	NA	NA	
692108	ENSG00000212135	0	NA	NA	NA	NA	SNORD67
NA	ENSG00000212136	0	NA	NA	NA	NA	RNU6-696P
NA	ENSG00000212138	0	NA	NA	NA	NA	RNA5SP372
NA	ENSG00000212140	0	NA	NA	NA	NA	RNU6-1320P
NA	ENSG00000212144	0	NA	NA	NA	NA	
NA	ENSG00000212145	0	NA	NA	NA	NA	
NA	ENSG00000212146	0	NA	NA	NA	NA	RNU6-910P
NA	ENSG00000212147	0	NA	NA	NA	NA	RNU6-1106P
NA	ENSG00000212149	0	NA	NA	NA	NA	
NA	ENSG00000212153	0	NA	NA	NA	NA	RNU1-82P
NA	ENSG00000212156	0	NA	NA	NA	NA	RNU6-576P
NA	ENSG00000212157	0	NA	NA	NA	NA	RNU6-1319P

692107	ENSG00000212158	0	NA	NA	NA	NA	SNORD66
NA	ENSG00000212160	0	NA	NA	NA	NA	RNU6-205P
NA	ENSG00000212161	0	NA	NA	NA	NA	
NA	ENSG00000212163	0	NA	NA	NA	NA	SNORD91A
NA	ENSG00000212165	0	NA	NA	NA	NA	
NA	ENSG00000212167	0	NA	NA	NA	NA	RNU6-763P
NA	ENSG00000212168	0	NA	NA	NA	NA	
NA	ENSG00000212170	0	NA	NA	NA	NA	RNU1-77P
NA	ENSG00000212171	0	NA	NA	NA	NA	RNA5SP86
NA	ENSG00000212172	0	NA	NA	NA	NA	RNU1-149P
NA	ENSG00000212175	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000212176	0	NA	NA	NA	NA	RNA5SP207
NA	ENSG00000212181	0	NA	NA	NA	NA	
NA	ENSG00000212182	0	NA	NA	NA	NA	
NA	ENSG00000212184	0	NA	NA	NA	NA	RNU6-440P
NA	ENSG00000212186	0	NA	NA	NA	NA	RNU6-258P
NA	ENSG00000212187	0	NA	NA	NA	NA	
NA	ENSG00000212189	0	NA	NA	NA	NA	RNU6-328P
NA	ENSG00000212190	0	NA	NA	NA	NA	RNU6-298P
NA	ENSG00000212191	0	NA	NA	NA	NA	
NA	ENSG00000212195	0	NA	NA	NA	NA	
NA	ENSG00000212199	0	NA	NA	NA	NA	RNU6-127P
NA	ENSG00000212204	0	NA	NA	NA	NA	RNA5SP91
NA	ENSG00000212205	0	NA	NA	NA	NA	
NA	ENSG00000212206	0	NA	NA	NA	NA	
NA	ENSG00000212207	0	NA	NA	NA	NA	RNU6-1321P
NA	ENSG00000212211	0	NA	NA	NA	NA	
109616969	ENSG00000212214	0	NA	NA	NA	NA	SNORA48B
NA	ENSG00000212215	0	NA	NA	NA	NA	RNU6-913P
NA	ENSG00000212219	0	NA	NA	NA	NA	RNU6-604P
NA	ENSG00000212221	0	NA	NA	NA	NA	RNU6-220P
NA	ENSG00000212224	0	NA	NA	NA	NA	
NA	ENSG00000212226	0	NA	NA	NA	NA	RNU6-907P
NA	ENSG00000212228	0	NA	NA	NA	NA	
NA	ENSG00000212229	0	NA	NA	NA	NA	
692086	ENSG00000212232	2.05322451	-0.0234758	0.37561835	0.78397318	NA	SNORD17
NA	ENSG00000212237	0	NA	NA	NA	NA	RNA5SP18
NA	ENSG00000212238	0	NA	NA	NA	NA	RNA5SP244

NA	ENSG00000212240	0	NA	NA	NA	NA	RNU6-930P
NA	ENSG00000212241	0	NA	NA	NA	NA	
NA	ENSG00000212242	0	NA	NA	NA	NA	RNA5SP219
NA	ENSG00000212246	0	NA	NA	NA	NA	RNU6-360P
NA	ENSG00000212247	0	NA	NA	NA	NA	RNU6-278P
NA	ENSG00000212248	0	NA	NA	NA	NA	RNU6-750P
NA	ENSG00000212249	0	NA	NA	NA	NA	
NA	ENSG00000212251	0	NA	NA	NA	NA	RNA5SP376
NA	ENSG00000212257	0	NA	NA	NA	NA	RNU6-1176P
NA	ENSG00000212258	0	NA	NA	NA	NA	RNA5SP176
NA	ENSG00000212259	0	NA	NA	NA	NA	RNU6-308P
NA	ENSG00000212260	0	NA	NA	NA	NA	RNU6-724P
109616981	ENSG00000212264	0	NA	NA	NA	NA	SNORD65C
NA	ENSG00000212265	0	NA	NA	NA	NA	RNA5SP185
NA	ENSG00000212266	0	NA	NA	NA	NA	
NA	ENSG00000212269	0	NA	NA	NA	NA	RNU6-788P
NA	ENSG00000212270	0	NA	NA	NA	NA	
NA	ENSG00000212273	0	NA	NA	NA	NA	
NA	ENSG00000212276	0	NA	NA	NA	NA	RNA5SP292
NA	ENSG00000212278	0	NA	NA	NA	NA	
NA	ENSG00000212279	0	NA	NA	NA	NA	
NA	ENSG00000212280	0	NA	NA	NA	NA	RNA5SP256
NA	ENSG00000212282	0	NA	NA	NA	NA	RNU6-578P
692205	ENSG00000212283	0	NA	NA	NA	NA	SNORD89
NA	ENSG00000212289	0	NA	NA	NA	NA	RNA5SP339
NA	ENSG00000212292	0	NA	NA	NA	NA	RNU6-239P
NA	ENSG00000212293	0	NA	NA	NA	NA	
109617011	ENSG00000212295	0	NA	NA	NA	NA	SNORD28B
619564	ENSG00000212296	0	NA	NA	NA	NA	SNORD72
NA	ENSG00000212297	0	NA	NA	NA	NA	RNU6-821P
NA	ENSG00000212298	0	NA	NA	NA	NA	RNU6-1009P
NA	ENSG00000212302	0	NA	NA	NA	NA	
NA	ENSG00000212303	0	NA	NA	NA	NA	RNU6-1154P
692057	ENSG00000212304	0	NA	NA	NA	NA	SNORD12
NA	ENSG00000212305	0	NA	NA	NA	NA	RNU6-679P
NA	ENSG00000212306	0	NA	NA	NA	NA	
NA	ENSG00000212308	0	NA	NA	NA	NA	RNA5SP23
NA	ENSG00000212309	0	NA	NA	NA	NA	SNORD70B

NA	ENSG00000212312	0	NA	NA	NA	NA	RNA5SP109
NA	ENSG00000212314	0	NA	NA	NA	NA	RNU6-1307P
NA	ENSG00000212316	0	NA	NA	NA	NA	RNU6-1228P
NA	ENSG00000212319	0	NA	NA	NA	NA	
NA	ENSG00000212321	0	NA	NA	NA	NA	
NA	ENSG00000212324	0	NA	NA	NA	NA	RNU6-129P
NA	ENSG00000212325	0	NA	NA	NA	NA	
NA	ENSG00000212327	0	NA	NA	NA	NA	RNU6-882P
NA	ENSG00000212329	0	NA	NA	NA	NA	RNU6-316P
NA	ENSG00000212330	0	NA	NA	NA	NA	RNU6-244P
NA	ENSG00000212331	0	NA	NA	NA	NA	RNA5SP297
NA	ENSG00000212332	0	NA	NA	NA	NA	RNU6-780P
NA	ENSG00000212333	0	NA	NA	NA	NA	RNA5SP213
NA	ENSG00000212335	0	NA	NA	NA	NA	
NA	ENSG00000212336	0	NA	NA	NA	NA	RNA5SP210
NA	ENSG00000212338	0	NA	NA	NA	NA	
NA	ENSG00000212340	0	NA	NA	NA	NA	RNU6-739P
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NA	ENSG00000212345	0	NA	NA	NA	NA	RNU6-700P
NA	ENSG00000212347	0	NA	NA	NA	NA	
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NA	ENSG00000212354	0	NA	NA	NA	NA	RNU6-1242P
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NA	ENSG00000212360	0	NA	NA	NA	NA	RNU6-1177P
NA	ENSG00000212363	0	NA	NA	NA	NA	
NA	ENSG00000212365	0	NA	NA	NA	NA	RNA5SP332
NA	ENSG00000212366	0	NA	NA	NA	NA	RNU6-1246P
NA	ENSG00000212368	0	NA	NA	NA	NA	RNU6-1000P
NA	ENSG00000212370	0	NA	NA	NA	NA	RNU6-482P
NA	ENSG00000212371	0.69465532	0.00250623	0.38183794	0.95712618	NA	
NA	ENSG00000212373	0	NA	NA	NA	NA	RNA5SP171
NA	ENSG00000212374	0	NA	NA	NA	NA	RNU6-401P
NA	ENSG00000212377	0	NA	NA	NA	NA	
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NA	ENSG00000212380	0	NA	NA	NA	NA	SNORD115-45

NA	ENSG00000212382	0	NA	NA	NA	NA	RNU6-159P
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767562	ENSG00000212384	0	NA	NA	NA	NA	SNORD113-2
NA	ENSG00000212385	0	NA	NA	NA	NA	RNU6-817P
NA	ENSG00000212387	0	NA	NA	NA	NA	RNU6-1055P
NA	ENSG00000212388	0	NA	NA	NA	NA	RNU6-796P
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NA	ENSG00000212391	0	NA	NA	NA	NA	
NA	ENSG00000212392	0	NA	NA	NA	NA	
NA	ENSG00000212395	0	NA	NA	NA	NA	
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NA	ENSG00000212397	0	NA	NA	NA	NA	
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677841	ENSG00000212402	0	NA	NA	NA	NA	SNORA74B
NA	ENSG00000212404	0	NA	NA	NA	NA	
NA	ENSG00000212407	0	NA	NA	NA	NA	RNU6-663P
NA	ENSG00000212409	0	NA	NA	NA	NA	RNY4P18
NA	ENSG00000212410	0	NA	NA	NA	NA	RNU6-932P
NA	ENSG00000212411	0	NA	NA	NA	NA	
NA	ENSG00000212413	0	NA	NA	NA	NA	RNU11-3P
109616982	ENSG00000212414	0	NA	NA	NA	NA	SNORD77B
NA	ENSG00000212415	0	NA	NA	NA	NA	
NA	ENSG00000212418	0	NA	NA	NA	NA	RNY4P36
NA	ENSG00000212420	0	NA	NA	NA	NA	RNU6-1111P
NA	ENSG00000212421	0	NA	NA	NA	NA	
NA	ENSG00000212422	0	NA	NA	NA	NA	
NA	ENSG00000212424	0	NA	NA	NA	NA	RNU1-119P
NA	ENSG00000212425	0	NA	NA	NA	NA	RNA5SP105
NA	ENSG00000212428	0	NA	NA	NA	NA	
NA	ENSG00000212429	0	NA	NA	NA	NA	RNU11-6P
NA	ENSG00000212432	0	NA	NA	NA	NA	
NA	ENSG00000212433	0	NA	NA	NA	NA	RNA5SP252
NA	ENSG00000212434	0	NA	NA	NA	NA	
NA	ENSG00000212440	0	NA	NA	NA	NA	
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NA	ENSG00000212442	0	NA	NA	NA	NA	RNU6-243P
677832	ENSG00000212443	0.36234858	0.00087365	0.38336423	0.96755054	NA	SNORA53
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NA	ENSG00000212446	0	NA	NA	NA	NA	RNU6-131P
692206	ENSG00000212447	0	NA	NA	NA	NA	SNORD90
NA	ENSG00000212448	0	NA	NA	NA	NA	
NA	ENSG00000212451	0	NA	NA	NA	NA	RNU11-4P
692109	ENSG00000212452	0	NA	NA	NA	NA	SNORD69
NA	ENSG00000212454	0	NA	NA	NA	NA	RNA5SP286
NA	ENSG00000212455	0	NA	NA	NA	NA	
NA	ENSG00000212457	0	NA	NA	NA	NA	RNU6-644P
NA	ENSG00000212458	0	NA	NA	NA	NA	
NA	ENSG00000212459	0	NA	NA	NA	NA	RNU6-695P
NA	ENSG00000212460	0	NA	NA	NA	NA	RNU6-460P
NA	ENSG00000212461	0	NA	NA	NA	NA	
677800	ENSG00000212464	0	NA	NA	NA	NA	SNORA12
NA	ENSG00000212466	0	NA	NA	NA	NA	RNU6-952P
NA	ENSG00000212468	0	NA	NA	NA	NA	RNU6-754P
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NA	ENSG00000212495	0	NA	NA	NA	NA	RNU6-332P
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692201	ENSG00000212498	0	NA	NA	NA	NA	SNORD86
NA	ENSG00000212499	0	NA	NA	NA	NA	RNA5SP300
NA	ENSG00000212505	0	NA	NA	NA	NA	RNA5SP299
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NA	ENSG00000212517	0	NA	NA	NA	NA	
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NA	ENSG00000212520	0	NA	NA	NA	NA	RNU6-1250P
NA	ENSG00000212521	0	NA	NA	NA	NA	RNU6-918P
NA	ENSG00000212525	0	NA	NA	NA	NA	RNA5SP212

NA	ENSG00000212526	0	NA	NA	NA	NA	RNU6-466P
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NA	ENSG00000212529	0	NA	NA	NA	NA	
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692110	ENSG00000212534	0	NA	NA	NA	NA	SNORD70
NA	ENSG00000212535	0	NA	NA	NA	NA	RNU6-808P
NA	ENSG00000212536	0	NA	NA	NA	NA	RNA5SP474
NA	ENSG00000212538	0	NA	NA	NA	NA	
NA	ENSG00000212539	0	NA	NA	NA	NA	
NA	ENSG00000212541	0	NA	NA	NA	NA	RNU6-510P
NA	ENSG00000212542	0	NA	NA	NA	NA	RNA5SP496
NA	ENSG00000212545	0	NA	NA	NA	NA	RNU6-337P
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NA	ENSG00000212549	0	NA	NA	NA	NA	RNA5SP354
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NA	ENSG00000212560	0	NA	NA	NA	NA	RNU6-630P
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NA	ENSG00000212567	0	NA	NA	NA	NA	
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NA	ENSG00000212572	0	NA	NA	NA	NA	RNU6-903P
NA	ENSG00000212576	0	NA	NA	NA	NA	RNA5SP467
NA	ENSG00000212579	0	NA	NA	NA	NA	
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109616968	ENSG00000212587	0	NA	NA	NA	NA	SNORA40C
677810	ENSG00000212588	0	NA	NA	NA	NA	SNORA26
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NA	ENSG00000212593	0	NA	NA	NA	NA	
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NA	ENSG00000212595	0	NA	NA	NA	NA	RNA5SP525
NA	ENSG00000212597	0	NA	NA	NA	NA	RNU6-876P
NA	ENSG00000212598	0	NA	NA	NA	NA	
NA	ENSG00000212599	0	NA	NA	NA	NA	RNU6-279P
NA	ENSG00000212601	0	NA	NA	NA	NA	RNA5SP53
NA	ENSG00000212604	0	NA	NA	NA	NA	
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677826	ENSG00000212607	0.18922458	0.01954053	0.38488496	0.78225479	NA	SNORA3B
NA	ENSG00000212608	0	NA	NA	NA	NA	
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NA	ENSG00000212611	0	NA	NA	NA	NA	
NA	ENSG00000212612	0	NA	NA	NA	NA	RNU6-1239P
NA	ENSG00000212615	0	NA	NA	NA	NA	
NA	ENSG00000212618	0	NA	NA	NA	NA	
NA	ENSG00000212620	0	NA	NA	NA	NA	
NA	ENSG00000212623	0	NA	NA	NA	NA	RNU6-493P
NA	ENSG00000212624	0	NA	NA	NA	NA	
NA	ENSG00000212625	0	NA	NA	NA	NA	RNA5SP397
NA	ENSG00000212626	0	NA	NA	NA	NA	
NA	ENSG00000212628	0	NA	NA	NA	NA	RNA5SP241
NA	ENSG00000212643	27.2680034	-0.00961403	0.38325266	0.78938444	0.90431711	ZRSR2P1
100505753	ENSG00000212657	0	NA	NA	NA	NA	KRTAP16-1
100533177	ENSG00000212658	0	NA	NA	NA	NA	KRTAP29-1
100507608	ENSG00000212659	0	NA	NA	NA	NA	KRTAP9-6
NA	ENSG00000212663	0	NA	NA	NA	NA	
NA	ENSG00000212664	2.74670479	-0.05154414	0.37512204	0.61128703	0.79937717	
338799	ENSG00000212694	330.975236	0.19306495	0.14038367	0.13897693	0.31573369	LINC01089
NA	ENSG00000212695	0.173733	0.01914545	0.38484597	0.78225479	NA	
64693	ENSG00000212710	0	NA	NA	NA	NA	CTAGE1
NA	ENSG00000212712	2.43988	0.01019985	0.37445534	0.90859895	NA	
NA	ENSG00000212717	0	NA	NA	NA	NA	DEFB117

339263	ENSG00000212719	276.0483	0.02761054	0.14635759	0.83916943	0.92675321	LINC02693
653240	ENSG00000212721	0	NA	NA	NA	NA	KRTAP4-11
100132386	ENSG00000212722	0	NA	NA	NA	NA	KRTAP4-9
730755	ENSG00000212724	0	NA	NA	NA	NA	KRTAP2-3
81872	ENSG00000212725	0	NA	NA	NA	NA	KRTAP2-1
NA	ENSG00000212743	0.52978722	0.01376682	0.38293852	0.74030017	NA	LINC02656
441518	ENSG00000212747	522.807144	-0.44467526	0.110906	2.77E-05	0.00024084	RTL8B
283673	ENSG00000212766	8.03575157	-0.15174294	0.38350356	0.33132022	0.56018597	EWSAT1
NA	ENSG00000212769	0	NA	NA	NA	NA	HMG2P8
NA	ENSG00000212789	0	NA	NA	NA	NA	ST13P5
NA	ENSG00000212802	1.70399282	0.03597974	0.37805124	0.66278317	NA	RPL15P3
402317	ENSG00000212807	0	NA	NA	NA	NA	OR2A42
NA	ENSG00000212829	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS26P3
NA	ENSG00000212856	0	NA	NA	NA	NA	TTY2B
727800	ENSG00000212864	266.037082	-0.08844006	0.14534084	0.50973135	0.72536724	RNF208
85293	ENSG00000212899	0	NA	NA	NA	NA	KRTAP3-3
83897	ENSG00000212900	0	NA	NA	NA	NA	KRTAP3-2
83896	ENSG00000212901	0	NA	NA	NA	NA	KRTAP3-1
4539	ENSG00000212907	10526.4715	-0.10706663	0.05631185	0.05019831	0.14938269	MT-ND4L
54627	ENSG00000212916	128.826283	-0.78849626	0.25030087	0.00026518	0.0018338	MAP10
NA	ENSG00000212930	0	NA	NA	NA	NA	
NA	ENSG00000212932	0	NA	NA	NA	NA	RPL23AP4
386684	ENSG00000212933	0	NA	NA	NA	NA	KRTAP12-4
386682	ENSG00000212935	0	NA	NA	NA	NA	KRTAP10-3
337968	ENSG00000212938	0	NA	NA	NA	NA	KRTAP6-3
NA	ENSG00000212939	0	NA	NA	NA	NA	
NA	ENSG00000212951	0.3235666	0.0017811	0.38337261	0.96403034	NA	
NA	ENSG00000212952	7.69959972	0.08198605	0.36649586	0.5555989	0.7613563	
NA	ENSG00000212961	0.34746601	0.02370763	0.3853651	0.61987128	NA	HNRNPA1P40
339803	ENSG00000212978	135.575299	0.38560933	0.21494349	0.03426203	0.11156386	
NA	ENSG00000212989	0	NA	NA	NA	NA	
5462	ENSG00000212993	2.83576885	0.10165852	0.39197368	0.28032836	0.5049178	POU5F1B
NA	ENSG00000212994	0.63986519	-0.02081523	0.38314397	0.66991272	NA	RPS26P6
NA	ENSG00000213003	0	NA	NA	NA	NA	BTF3P12
NA	ENSG00000213005	0	NA	NA	NA	NA	PTTG3P
NA	ENSG00000213013	0	NA	NA	NA	NA	RPS15AP36
NA	ENSG00000213014	0.66089049	0.00409269	0.38193143	0.93028673	NA	VN2R17P
51157	ENSG00000213015	893.335246	0.20498519	0.09497708	0.02573774	0.08910082	ZNF580

NA	ENSG00000213016	0	NA	NA	NA	NA	
NA	ENSG00000213018	2.08468623	0.06532423	0.38272907	0.45113518	NA	PABPN1P1
81856	ENSG00000213020	230.46799	-0.1648196	0.17435176	0.28719247	0.51295451	ZNF611
284366	ENSG00000213022	0	NA	NA	NA	NA	KLK9
84258	ENSG00000213023	259.137832	-0.66863736	0.15902605	6.12E-06	6.06E-05	SYT3
23636	ENSG00000213024	2734.78533	-0.04464442	0.06511439	0.47527153	0.69749147	NUP62
NA	ENSG00000213025	0.46427351	-0.0076353	0.38326478	0.86721182	NA	COX20P1
NA	ENSG00000213026	0	NA	NA	NA	NA	CFL1P4
NA	ENSG00000213028	1.54062275	-0.00754278	0.37624286	0.92369286	NA	
94115	ENSG00000213030	0.173733	0.01914545	0.38484597	0.78225479	NA	CGB8
NA	ENSG00000213032	0	NA	NA	NA	NA	NDUFA3P3
NA	ENSG00000213033	4.28484873	0.10275379	0.38657999	0.35947133	0.58949503	AURKAP1
NA	ENSG00000213035	0	NA	NA	NA	NA	RPL23AP80
NA	ENSG00000213036	0	NA	NA	NA	NA	
NA	ENSG00000213041	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000213045	0	NA	NA	NA	NA	
NA	ENSG00000213046	0.173733	0.01914545	0.38484597	0.78225479	NA	EEF1A1P32
163486	ENSG00000213047	231.884795	0.6672605	0.199729	0.00018788	0.00134469	DENND1B
NA	ENSG00000213048	0	NA	NA	NA	NA	OR5S1P
NA	ENSG00000213049	0.46746036	-0.00785167	0.38326714	0.86324876	NA	HNRNPA1P34
NA	ENSG00000213050	0	NA	NA	NA	NA	TPM3P1
NA	ENSG00000213051	0	NA	NA	NA	NA	RPL5P5
NA	ENSG00000213055	0	NA	NA	NA	NA	EEF1B2P7
400798	ENSG00000213057	54.0619982	0.42259532	0.30889785	0.06050212	0.17244104	C1orf220
NA	ENSG00000213058	0	NA	NA	NA	NA	
NA	ENSG00000213060	1.02576835	0.0052515	0.37921714	0.93582806	NA	
NA	ENSG00000213061	0.67997283	0.02431813	0.38336266	0.58986099	NA	PFN1P11
NA	ENSG00000213062	83.4149193	-0.23705511	0.22944012	0.20432864	0.41096092	
NA	ENSG00000213063	0	NA	NA	NA	NA	RPL29P7
375035	ENSG00000213064	1519.48211	-0.0919173	0.10297962	0.35308015	0.58322456	SFT2D2
NA	ENSG00000213065	0	NA	NA	NA	NA	
11116	ENSG00000213066	879.948845	-0.71077197	0.08817594	1.77E-16	5.32E-15	CEP43
NA	ENSG00000213067	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000213068	0	NA	NA	NA	NA	
NA	ENSG00000213069	0	NA	NA	NA	NA	KRT8P40
NA	ENSG00000213070	0	NA	NA	NA	NA	HMGB3P6
80350	ENSG00000213071	0.50207596	0.02562368	0.38565771	0.52549886	NA	LPAL2
NA	ENSG00000213073	0	NA	NA	NA	NA	CHP1P2

641311	ENSG00000213075	0	NA	NA	NA	NA	RPL31P11
NA	ENSG00000213076	0	NA	NA	NA	NA	
NA	ENSG00000213078	0.68982227	0.04028222	0.38714415	0.35752131	NA	
22828	ENSG00000213079	1467.63894	0.09589241	0.07459092	0.19019311	0.39151601	SCAF8
NA	ENSG00000213080	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000213081	0.32247871	-0.02325412	0.38531868	0.66961411	NA	ARPC1BP1
NA	ENSG00000213082	0	NA	NA	NA	NA	PPP1R14BP2
NA	ENSG00000213083	0	NA	NA	NA	NA	VPS26CP1
25790	ENSG00000213085	1.84915154	-0.10390519	0.39767812	0.19008535	NA	CFAP45
NA	ENSG00000213087	0	NA	NA	NA	NA	
2532	ENSG00000213088	3.75057221	-0.30159846	0.56969761	0.00877203	0.03724311	ACKR1
NA	ENSG00000213089	0.18922458	0.01954053	0.38488496	0.78225479	NA	PDCL3P5
NA	ENSG00000213090	2.73444438	0.13160455	0.40791356	0.14485784	0.32514759	SCYL2P1
NA	ENSG00000213091	0	NA	NA	NA	NA	PHBP1
9534	ENSG00000213096	642.576847	0.21996872	0.11451565	0.04358053	0.13391897	ZNF254
NA	ENSG00000213100	0	NA	NA	NA	NA	KRT18P68
NA	ENSG00000213104	0.45209736	-0.02505403	0.38558831	0.57865948	NA	NPM1P46
NA	ENSG00000213107	0	NA	NA	NA	NA	AHCYP5
NA	ENSG00000213108	0	NA	NA	NA	NA	BTF3L4P3
NA	ENSG00000213109	14.127704	-0.95766086	0.87764462	0.01279097	0.05078505	
NA	ENSG00000213110	0	NA	NA	NA	NA	RNF11P1
NA	ENSG00000213111	0	NA	NA	NA	NA	COX5BP2
NA	ENSG00000213113	0	NA	NA	NA	NA	TUBB8P8
NA	ENSG00000213115	0	NA	NA	NA	NA	
NA	ENSG00000213117	0	NA	NA	NA	NA	MEMO1P2
NA	ENSG00000213118	0	NA	NA	NA	NA	CHCHD2P4
NA	ENSG00000213120	0	NA	NA	NA	NA	LIN28AP1
NA	ENSG00000213121	1.7099929	0.05301345	0.38363269	0.45777663	NA	
NA	ENSG00000213122	0	NA	NA	NA	NA	RPL23AP46
255758	ENSG00000213123	208.507629	0.14654917	0.16760538	0.33212583	0.5613235	DYNLT2B
NA	ENSG00000213126	0	NA	NA	NA	NA	TXNL4AP1
NA	ENSG00000213128	0	NA	NA	NA	NA	RPL32P31
NA	ENSG00000213130	0	NA	NA	NA	NA	EEF1DP5
NA	ENSG00000213131	19.1605197	-0.15642237	0.33734166	0.41426623	0.64151123	YWHAZP4
NA	ENSG00000213133	0.34746601	0.02370763	0.3853651	0.61987128	NA	PPP1R14BP5
NA	ENSG00000213137	0	NA	NA	NA	NA	ARF1P2
1427	ENSG00000213139	31.0211557	-0.07313628	0.28696571	0.70413788	0.85774517	CRYGS
NA	ENSG00000213140	0	NA	NA	NA	NA	ELK2AP

NA	ENSG00000213144	1.44264563	-0.00314235	0.37834837	0.96325604	NA	
1396	ENSG00000213145	11.3318131	-0.09849807	0.34987652	0.55040397	0.75686268	CRIP1
NA	ENSG00000213147	4.87444824	0.03350749	0.38697799	0.12399749	0.29179342	RPL23AP60
NA	ENSG00000213148	0	NA	NA	NA	NA	JPT1P1
NA	ENSG00000213149	0.8593066	0.01676755	0.38119569	0.76654753	NA	CNN2P9
NA	ENSG00000213150	0	NA	NA	NA	NA	
NA	ENSG00000213152	1.15592065	0.0352035	0.38305248	0.54219027	NA	RPL7AP60
NA	ENSG00000213153	0	NA	NA	NA	NA	
NA	ENSG00000213155	0	NA	NA	NA	NA	
NA	ENSG00000213157	0	NA	NA	NA	NA	RPL32P10
NA	ENSG00000213158	0	NA	NA	NA	NA	GAPDHP36
NA	ENSG00000213159	0	NA	NA	NA	NA	CEND1P1
151230	ENSG00000213160	1830.60004	-0.27660308	0.07524392	0.00017235	0.00124295	KLHL23
100526832	ENSG00000213160	1830.60004	-0.27660308	0.07524392	0.00017235	0.00124295	KLHL23
NA	ENSG00000213167	0	NA	NA	NA	NA	
NA	ENSG00000213169	0	NA	NA	NA	NA	
NA	ENSG00000213170	0	NA	NA	NA	NA	SAR1AP2
339398	ENSG00000213171	6.84545883	-4.03956835	1.66068599	0.00059691	0.00376677	LINGO4
NA	ENSG00000213172	0	NA	NA	NA	NA	
NA	ENSG00000213174	0	NA	NA	NA	NA	
NA	ENSG00000213176	0	NA	NA	NA	NA	RPL13P6
NA	ENSG00000213177	0	NA	NA	NA	NA	PRDX2P4
NA	ENSG00000213178	357.700735	-0.47111755	0.17999874	0.0034347	0.01698093	RPL22P1
NA	ENSG00000213179	0	NA	NA	NA	NA	RPL17P41
NA	ENSG00000213180	0	NA	NA	NA	NA	RPL36AP48
NA	ENSG00000213181	0	NA	NA	NA	NA	OR10N1P
NA	ENSG00000213182	0	NA	NA	NA	NA	OR10D5P
NA	ENSG00000213183	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPS7P8
NA	ENSG00000213184	0	NA	NA	NA	NA	
196792	ENSG00000213185	35.3017019	0.02525348	0.27272354	0.89766079	0.9551369	FAM24B
286827	ENSG00000213186	192.341465	-0.19323273	0.16237869	0.18793018	0.38830813	TRIM59
NA	ENSG00000213187	0	NA	NA	NA	NA	COPS5P1
NA	ENSG00000213188	3.9410326	0.20719752	0.44481934	0.09945117	0.24825255	YBX1P4
NA	ENSG00000213189	84.3499718	-0.27947272	0.28590134	0.17959559	0.37614023	BTF3L4P2
10962	ENSG00000213190	4882.74612	-0.33268468	0.07935951	1.75E-05	0.0001591	MLLT11
NA	ENSG00000213194	0	NA	NA	NA	NA	CDK7P1
NA	ENSG00000213197	0	NA	NA	NA	NA	NUDCP1
9311	ENSG00000213199	149.927656	0.37918234	0.23330178	0.04811681	0.14455444	ASIC3

NA	ENSG00000213201	0	NA	NA	NA	NA	FABP5P10
170575	ENSG00000213203	0	NA	NA	NA	NA	GIMAP1
NA	ENSG00000213204	5.90451971	0.03213549	0.36230751	0.80192346	0.90941191	
NA	ENSG00000213205	0	NA	NA	NA	NA	STRADBP1
NA	ENSG00000213209	0	NA	NA	NA	NA	
NA	ENSG00000213210	0	NA	NA	NA	NA	RPL32P17
NA	ENSG00000213211	0	NA	NA	NA	NA	KRT18P64
NA	ENSG00000213212	3.33913556	0.08038533	0.38259757	0.42838089	0.65428642	NCLP1
84960	ENSG00000213213	45.4045536	0.35855508	0.3779914	0.11851502	0.28264477	CCDC183
445328	ENSG00000213214	0.16735865	0.01897177	0.38482933	0.78225479	NA	ARHGEF35
26211	ENSG00000213215	0.49540215	0.00752424	0.38315145	0.82277631	NA	OR2F1
NA	ENSG00000213216	0.173124	-0.01911262	0.38486262	0.84537521	NA	
1443	ENSG00000213218	0	NA	NA	NA	NA	CSH2
728489	ENSG00000213221	260.819764	0.04513018	0.15951478	0.75695702	0.88697677	DNLZ
NA	ENSG00000213222	40.1761839	-0.16350274	0.29720126	0.41457774	0.64173903	TOMM40P4
NA	ENSG00000213225	0	NA	NA	NA	NA	NOC2LP1
NA	ENSG00000213226	0.50767003	0.03074537	0.38601659	0.48343636	NA	
NA	ENSG00000213228	3.05222448	-0.1443781	0.41869935	0.06466674	0.18119939	RPL12P38
9623	ENSG00000213231	0	NA	NA	NA	NA	TCL1B
NA	ENSG00000213232	0	NA	NA	NA	NA	PPP1R2P10
NA	ENSG00000213233	0	NA	NA	NA	NA	RPL23AP62
NA	ENSG00000213234	0.173124	-0.01911262	0.38486262	0.84537521	NA	ST13P10
NA	ENSG00000213235	0.51414327	-0.01023103	0.38328157	0.81791057	NA	EEF1A1P16
NA	ENSG00000213236	0	NA	NA	NA	NA	YWHAZP2
NA	ENSG00000213237	0.173733	0.01914545	0.38484597	0.78225479	NA	PTMAP10
NA	ENSG00000213238	0	NA	NA	NA	NA	
NA	ENSG00000213239	0	NA	NA	NA	NA	NPM1P32
NA	ENSG00000213244	33.0493188	-0.03978877	0.28174972	0.83456196	0.92451691	H3P4
6827	ENSG00000213246	1560.76905	-0.08763068	0.08960316	0.31090621	0.53864136	SUPT4H1
NA	ENSG00000213247	0	NA	NA	NA	NA	
NA	ENSG00000213250	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RBMS2P1
NA	ENSG00000213252	0	NA	NA	NA	NA	
NA	ENSG00000213253	0.51528081	0.01588328	0.38315771	0.73078657	NA	RPL12P42
NA	ENSG00000213260	0	NA	NA	NA	NA	YWHAZP5
NA	ENSG00000213261	0.16735865	0.01897177	0.38482933	0.78225479	NA	EEF1B2P6
NA	ENSG00000213262	0	NA	NA	NA	NA	VDAC2P3
NA	ENSG00000213264	0	NA	NA	NA	NA	NIP7P2
114960	ENSG00000213265	0	NA	NA	NA	NA	TSGA13

NA	ENSG00000213269	0	NA	NA	NA	NA	RPS6P26
NA	ENSG00000213270	0	NA	NA	NA	NA	RPL6P25
NA	ENSG00000213272	0.49759159	-0.029592	0.38591039	0.52418284	NA	RPL7AP9
NA	ENSG00000213275	0	NA	NA	NA	NA	IFITM9P
NA	ENSG00000213277	0.44795842	-0.02501848	0.38558245	0.5807882	NA	MARCKSL1P1
NA	ENSG00000213279	0.32233294	-0.02325294	0.3853185	0.66969844	NA	
NA	ENSG00000213280	0	NA	NA	NA	NA	
4893	ENSG00000213281	1479.32735	0.07640423	0.08046305	0.3310047	0.55985791	NRAS
NA	ENSG00000213285	0	NA	NA	NA	NA	RPL23AP45
NA	ENSG00000213287	0	NA	NA	NA	NA	
NA	ENSG00000213290	1.28175491	-0.0186554	0.3786825	0.79358113	NA	PGK1P2
NA	ENSG00000213291	0	NA	NA	NA	NA	
NA	ENSG00000213293	0	NA	NA	NA	NA	
NA	ENSG00000213295	0	NA	NA	NA	NA	RPL22P10
NA	ENSG00000213296	0	NA	NA	NA	NA	
NA	ENSG00000213297	57.205732	-0.01537657	0.37554971	0.8475428	0.93065124	ZNF625-ZNF20
NA	ENSG00000213300	4.38569108	0.08047679	0.37244908	0.52444023	0.73730826	HNRNPA3P6
NA	ENSG00000213301	0	NA	NA	NA	NA	HMGB3P11
NA	ENSG00000213302	0	NA	NA	NA	NA	
NA	ENSG00000213303	1.50835317	0.01953588	0.37782723	0.79729578	NA	
NA	ENSG00000213304	5.01699043	0.01167659	0.36185982	0.92699572	0.96945838	
NA	ENSG00000213305	0	NA	NA	NA	NA	HNRNPCP6
NA	ENSG00000213307	1.83645378	0.01976025	0.37651416	0.80975585	NA	RPL18P11
NA	ENSG00000213309	0	NA	NA	NA	NA	RPL9P18
NA	ENSG00000213310	0	NA	NA	NA	NA	CYCSP19
NA	ENSG00000213312	0	NA	NA	NA	NA	RPL7AP34
NA	ENSG00000213315	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
4056	ENSG00000213316	3.19837301	0.01718981	0.37086867	0.86655906	0.94128288	LTC4S
NA	ENSG00000213318	0	NA	NA	NA	NA	
NA	ENSG00000213326	1.43675806	-0.00343999	0.37859179	0.95918045	NA	RPS7P11
NA	ENSG00000213328	0	NA	NA	NA	NA	
NA	ENSG00000213331	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000213332	0	NA	NA	NA	NA	SLC25A5P6
NA	ENSG00000213333	0.35668774	0.02381711	0.38538107	0.61401367	NA	NPM1P50
NA	ENSG00000213335	0	NA	NA	NA	NA	CLNS1AP1
51239	ENSG00000213337	304.233303	0.00522962	0.13273644	0.96752504	0.98759962	ANKRD39
81890	ENSG00000213339	599.150016	0.22704933	0.09954015	0.01794866	0.06679822	QTRT1
1147	ENSG00000213341	753.492862	-0.27674443	0.10126711	0.00446891	0.02118943	CHUK

NA	ENSG00000213343	0	NA	NA	NA	NA	RPL21P18
NA	ENSG00000213344	1.66244426	0.01289225	0.37556555	0.87856525	NA	PCNPP3
83463	ENSG00000213347	535.893469	0.38220672	0.10913524	0.00025307	0.00175924	MXD3
NA	ENSG00000213352	0	NA	NA	NA	NA	GAPDHP44
NA	ENSG00000213355	0	NA	NA	NA	NA	CNN2P8
NA	ENSG00000213358	0	NA	NA	NA	NA	
NA	ENSG00000213361	0	NA	NA	NA	NA	
NA	ENSG00000213362	0.34118024	0.02362706	0.38535348	0.62406855	NA	FTH1P12
NA	ENSG00000213363	0	NA	NA	NA	NA	RPS3P6
NA	ENSG00000213365	1.83663988	-0.00612791	0.37611102	0.93791053	NA	
2946	ENSG00000213366	464.681261	0.67100197	0.12576736	2.36E-08	3.38E-07	GSTM2
NA	ENSG00000213368	0	NA	NA	NA	NA	ST13P11
NA	ENSG00000213370	0	NA	NA	NA	NA	RANP6
NA	ENSG00000213371	0.18922458	0.01954053	0.38488496	0.78225479	NA	NAP1L1P3
NA	ENSG00000213373	0	NA	NA	NA	NA	LINC00671
NA	ENSG00000213376	0	NA	NA	NA	NA	GAPDHP71
84342	ENSG00000213380	1449.29705	0.00151827	0.07172511	0.98302729	0.99428951	COG8
NA	ENSG00000213383	0	NA	NA	NA	NA	
NA	ENSG00000213384	0	NA	NA	NA	NA	EIF4E2P1
NA	ENSG00000213385	19.4496388	0.0573526	0.31458567	0.7577429	0.88730562	
NA	ENSG00000213386	1.33860123	0.06340102	0.38594526	0.37761587	NA	
84986	ENSG00000213390	788.356784	-0.24582697	0.09375318	0.00660438	0.0294499	ARHGAP19
NA	ENSG00000213393	0	NA	NA	NA	NA	
NA	ENSG00000213394	1.16082574	0.01846621	0.38015171	0.77267721	NA	RPSAP46
55559	ENSG00000213397	359.753191	-0.23371762	0.13208068	0.0580037	0.16698875	HAUS7
3931	ENSG00000213398	90.2332081	0.57980471	0.2785394	0.00919094	0.03869005	LCAT
NA	ENSG00000213399	1.49127727	-0.03418512	0.37950117	0.64838336	NA	RPS2P17
NA	ENSG00000213400	0	NA	NA	NA	NA	RPL12P18
4111	ENSG00000213401	1274.302	-0.601275	0.07822952	4.63E-15	1.27E-13	MAGEA12
5790	ENSG00000213402	6.35520851	0.03886443	0.38591773	0.3669693	0.59618989	PTPRCAP
NA	ENSG00000213403	0	NA	NA	NA	NA	CISD1P1
NA	ENSG00000213406	1.82697718	0.04566138	0.38024497	0.56907949	NA	ANXA2P1
NA	ENSG00000213409	0.34624801	-0.02356563	0.38536324	0.65270996	NA	C1QBPP2
NA	ENSG00000213411	2.02046179	0.00697498	0.37414321	0.93823868	NA	RBM22P2
NA	ENSG00000213412	0.55276188	0.03293474	0.38623842	0.45148476	NA	HNRNPA1P33
79037	ENSG00000213413	15.3475149	-0.10613981	0.33899042	0.54986487	0.75633105	PVRIG
NA	ENSG00000213414	0	NA	NA	NA	NA	
83755	ENSG00000213416	0	NA	NA	NA	NA	KRTAP4-12

85294	ENSG00000213417	0	NA	NA	NA	NA	KRTAP2-4
221914	ENSG00000213420	2154.78016	0.19506281	0.07650907	0.00919279	0.03869005	GPC2
NA	ENSG00000213421	0	NA	NA	NA	NA	
NA	ENSG00000213423	0	NA	NA	NA	NA	RBMX2P2
125113	ENSG00000213424	0.30001683	-0.0229446	0.38527539	0.68644815	NA	KRT222
NA	ENSG00000213430	0.173124	-0.01911262	0.38486262	0.84537521	NA	HSPD1P1
NA	ENSG00000213431	0	NA	NA	NA	NA	
NA	ENSG00000213432	0	NA	NA	NA	NA	RPL17P34
NA	ENSG00000213433	1.51456752	-0.05449132	0.3829632	0.47123388	NA	RPLP1P6
NA	ENSG00000213434	0.29863895	-0.02292439	0.3852726	0.68753245	NA	VTI1BP2
NA	ENSG00000213435	0	NA	NA	NA	NA	ATP6V0CP3
NA	ENSG00000213438	0	NA	NA	NA	NA	YBX2P1
NA	ENSG00000213439	0	NA	NA	NA	NA	OR5AC1
NA	ENSG00000213440	0	NA	NA	NA	NA	H2AZP1
NA	ENSG00000213442	1.15084481	-0.03612456	0.38126044	0.59448301	NA	RPL18AP3
NA	ENSG00000213443	18.8744719	0.01866423	0.3111201	0.92080637	0.96670947	NPM1P7
6494	ENSG00000213445	766.829874	0.2448997	0.09720562	0.00905842	0.03818933	SIPA1
NA	ENSG00000213448	0	NA	NA	NA	NA	RPS23P2
NA	ENSG00000213449	0	NA	NA	NA	NA	GAPDHP28
NA	ENSG00000213450	0	NA	NA	NA	NA	VDAC1P7
NA	ENSG00000213451	0	NA	NA	NA	NA	OR6C69P
NA	ENSG00000213452	0	NA	NA	NA	NA	AKR1B1P2
NA	ENSG00000213453	1.47032194	0.02276794	0.37812784	0.7648725	NA	FTH1P3
NA	ENSG00000213455	0	NA	NA	NA	NA	PPIAP82
NA	ENSG00000213461	0	NA	NA	NA	NA	RPL32P15
2086	ENSG00000213462	1774.71355	0.81017884	0.07959395	4.78E-25	2.28E-23	ERV3-1
55333	ENSG00000213463	1674.81883	-0.15529409	0.08189308	0.05176718	0.15304141	SYNJ2BP
402	ENSG00000213465	812.752187	0.20957563	0.10187119	0.03257196	0.10707998	ARL2
NA	ENSG00000213467	0	NA	NA	NA	NA	HMGB1P37
286467	ENSG00000213468	0.78598915	-0.05618249	0.38943957	0.27411323	NA	FIRRE
NA	ENSG00000213470	0	NA	NA	NA	NA	
440307	ENSG00000213471	3.93761092	0.0597632	0.37134175	0.60935878	0.79803651	TLL13P
NA	ENSG00000213478	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CFL1P2
NA	ENSG00000213480	0	NA	NA	NA	NA	
NA	ENSG00000213483	0	NA	NA	NA	NA	NDUFAF4P2
NA	ENSG00000213484	0	NA	NA	NA	NA	EIF4A1P8
NA	ENSG00000213486	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000213487	0	NA	NA	NA	NA	ASS1P4

NA	ENSG00000213488	0	NA	NA	NA	NA	
NA	ENSG00000213489	0	NA	NA	NA	NA	FBLIM1P1
NA	ENSG00000213492	0.65554998	0.00621457	0.38199582	0.89490489	NA	NT5C3AP1
NA	ENSG00000213493	0	NA	NA	NA	NA	ACTN4P1
NA	ENSG00000213495	0	NA	NA	NA	NA	RPL26P13
NA	ENSG00000213498	0	NA	NA	NA	NA	TPT1P13
NA	ENSG00000213500	0	NA	NA	NA	NA	LAP3P2
NA	ENSG00000213509	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PPIAP16
388646	ENSG00000213512	0.79131617	0.03204319	0.38412803	0.49832917	NA	GBP7
NA	ENSG00000213513	15.1023345	0.04838942	0.32748047	0.78423189	0.90175162	IMPDH1P5
NA	ENSG00000213514	1.49729339	-0.05443285	0.38426693	0.43148938	NA	
494115	ENSG00000213516	530.206634	-0.17670975	0.10649762	0.08291753	0.21714412	RBMXL1
NA	ENSG00000213519	0	NA	NA	NA	NA	
NA	ENSG00000213522	0	NA	NA	NA	NA	RAC1P5
10011	ENSG00000213523	513.079791	0.18537856	0.10973866	0.07752387	0.20659149	SRA1
NA	ENSG00000213525	0	NA	NA	NA	NA	FAM32CP
NA	ENSG00000213526	0.173733	0.01914545	0.38484597	0.78225479	NA	SETP8
NA	ENSG00000213527	0	NA	NA	NA	NA	
NA	ENSG00000213529	0.97052787	0.00672425	0.38010738	0.91165704	NA	RPL32P22
NA	ENSG00000213530	0	NA	NA	NA	NA	MTHFD2P5
375346	ENSG00000213533	557.23226	0.33338502	0.1470897	0.01500779	0.05772675	STIMATE
NA	ENSG00000213536	0	NA	NA	NA	NA	GNG5P1
NA	ENSG00000213538	0.34049892	-0.00029432	0.3833625	0.96804247	NA	KRT8P41
NA	ENSG00000213539	0	NA	NA	NA	NA	YBX1P6
NA	ENSG00000213540	0.51502513	0.01574321	0.3831466	0.73253979	NA	TXN2P1
NA	ENSG00000213542	8.62010971	0.00489508	0.3507561	0.97522891	0.99131784	
NA	ENSG00000213543	16.974375	0.14017019	0.34108754	0.45286086	0.67615589	RARRES2P2
NA	ENSG00000213547	0	NA	NA	NA	NA	VN1R64P
NA	ENSG00000213548	0	NA	NA	NA	NA	PPIAP81
NA	ENSG00000213549	0	NA	NA	NA	NA	
23234	ENSG00000213551	1563.0524	-0.08939217	0.07517391	0.22471284	0.4385072	DNAJC9
NA	ENSG00000213553	4.71887604	-0.06614611	0.36937927	0.59392108	0.78752771	RPLP0P6
NA	ENSG00000213556	0	NA	NA	NA	NA	
NA	ENSG00000213557	0	NA	NA	NA	NA	
NA	ENSG00000213558	0	NA	NA	NA	NA	HMG2P32
NA	ENSG00000213559	0	NA	NA	NA	NA	HNRNPA1P64
NA	ENSG00000213560	0	NA	NA	NA	NA	
NA	ENSG00000213561	0	NA	NA	NA	NA	

414919	ENSG00000213563	878.3981	0.03205297	0.12842628	0.79207132	0.90499209	C8orf82
NA	ENSG00000213568	0.173124	-0.01911262	0.38486262	0.84537521	NA	HNRNPA1P13
NA	ENSG00000213569	0	NA	NA	NA	NA	GTF3C6P2
NA	ENSG00000213574	0	NA	NA	NA	NA	LDHAP5
594855	ENSG00000213578	1.37318581	-0.06365564	0.38903377	0.26062872	NA	CPLX3
NA	ENSG00000213579	0	NA	NA	NA	NA	
7416	ENSG00000213585	2911.58355	-0.1108116	0.07021557	0.10830367	0.26407088	VDAC1
NA	ENSG00000213587	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
221504	ENSG00000213588	478.062707	0.01011927	0.10894627	0.92369121	0.96829936	ZBTB9
NA	ENSG00000213590	0.98117059	0.00591694	0.38091992	0.91486631	NA	
NA	ENSG00000213592	0.16735865	0.01897177	0.38482933	0.78225479	NA	PPIAP42
51075	ENSG00000213593	1436.32912	-0.11130115	0.07812068	0.14530713	0.32579361	TMX2
NA	ENSG00000213594	0	NA	NA	NA	NA	GAPDHP25
NA	ENSG00000213598	0	NA	NA	NA	NA	
100526830	ENSG00000213599	727.446596	0.27047786	0.10764328	0.00867081	0.03686067	SLX1A-SULT1A3
NA	ENSG00000213600	1.57550856	-0.01171765	0.37822963	0.86937718	NA	
NA	ENSG00000213601	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KRT18P19
NA	ENSG00000213604	0	NA	NA	NA	NA	
NA	ENSG00000213605	0	NA	NA	NA	NA	
NA	ENSG00000213606	0.34624801	-0.02356563	0.38536324	0.65270996	NA	AKR1B10P1
NA	ENSG00000213607	0	NA	NA	NA	NA	OR4A45P
NA	ENSG00000213608	2.58897634	0.01872981	0.37453292	0.83462815	0.92451691	SLC25A14P1
NA	ENSG00000213609	0.35679693	0.02381789	0.38538119	0.61395854	NA	RPL7AP50
NA	ENSG00000213612	0.6779813	0.00427905	0.38246031	0.91999704	NA	FAM220CP
NA	ENSG00000213613	1.31934267	0.03382043	0.37997875	0.64322393	NA	RPL11P3
3073	ENSG00000213614	873.206428	0.13667349	0.09705969	0.14563456	0.32615303	HEXA
4722	ENSG00000213619	1028.34211	-0.04896632	0.09126097	0.57995278	0.77743886	NDUFS3
NA	ENSG00000213620	0	NA	NA	NA	NA	
NA	ENSG00000213621	0.79065602	-0.00860872	0.38089551	0.87888958	NA	RPSAP54
54741	ENSG00000213625	713.143844	0.22898852	0.10566409	0.02380109	0.08374066	LEPROT
81606	ENSG00000213626	681.393725	-0.21331059	0.13169213	0.08354529	0.21827226	LBH
NA	ENSG00000213630	0	NA	NA	NA	NA	BOLA3P3
113179	ENSG00000213638	211.955337	-0.22888096	0.17178591	0.13538025	0.30992327	ADAT3
5500	ENSG00000213639	3539.88623	-0.13451738	0.06173601	0.0271166	0.09279871	PPP1CB
NA	ENSG00000213640	0.32312235	0.00146839	0.38336929	0.96702258	NA	EEF1DP4
NA	ENSG00000213641	0	NA	NA	NA	NA	RPL7AP4
NA	ENSG00000213642	0	NA	NA	NA	NA	
NA	ENSG00000213643	0	NA	NA	NA	NA	VN1R37P

NA	ENSG00000213644	0	NA	NA	NA	NA	SAPCD2P1
NA	ENSG00000213645	1.14813969	0.04277189	0.38601194	0.36236452	NA	SLC25A1P3
445329	ENSG00000213648	32.8277827	-0.42887393	0.38028269	0.07538694	0.20223962	SULT1A4
NA	ENSG00000213650	0	NA	NA	NA	NA	
NA	ENSG00000213652	0	NA	NA	NA	NA	HMGB3P30
NA	ENSG00000213653	0	NA	NA	NA	NA	RPL22P22
63940	ENSG00000213654	21.616749	-0.20859899	0.34460779	0.30200773	0.52950101	GP3SM3
NA	ENSG00000213655	0	NA	NA	NA	NA	
NA	ENSG00000213657	0	NA	NA	NA	NA	RPL31P44
27040	ENSG00000213658	25.6625682	-0.00312734	0.29578451	0.98500903	0.99473578	LAT
NA	ENSG00000213659	0	NA	NA	NA	NA	RSU1P3
NA	ENSG00000213661	0	NA	NA	NA	NA	
NA	ENSG00000213663	0	NA	NA	NA	NA	
NA	ENSG00000213664	0	NA	NA	NA	NA	RPS16P8
NA	ENSG00000213667	0.46950302	-0.02825288	0.38579224	0.54603537	NA	PGGT1BP1
NA	ENSG00000213669	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000213671	0	NA	NA	NA	NA	OLA1P2
51517	ENSG00000213672	654.546773	-0.19458156	0.096593	0.03692657	0.11818408	NCKIPSD
NA	ENSG00000213673	0	NA	NA	NA	NA	SLC25A5P3
1388	ENSG00000213676	1037.86059	0.14682154	0.0947872	0.10972551	0.26658757	ATF6B
NA	ENSG00000213683	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000213684	0	NA	NA	NA	NA	LDHBP2
11277	ENSG00000213689	4.21698298	-0.03280701	0.3869203	0.14903095	0.33158843	TREX1
NA	ENSG00000213690	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000213693	35.6312547	0.21051371	0.31424028	0.30910656	0.53687071	SEC14L1P1
1903	ENSG00000213694	279.651583	1.0163126	0.1766792	1.14E-09	1.95E-08	S1PR3
286223	ENSG00000213694	279.651583	1.0163126	0.1766792	1.14E-09	1.95E-08	S1PR3
NA	ENSG00000213695	0.78462509	-0.00651183	0.38157883	0.89925907	NA	RPS7P14
NA	ENSG00000213697	0	NA	NA	NA	NA	CTBP2P6
NA	ENSG00000213698	0	NA	NA	NA	NA	CAPZA1P3
54978	ENSG00000213699	767.563497	-0.15046041	0.09309781	0.09486018	0.23964543	SLC35F6
NA	ENSG00000213700	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL17P50
NA	ENSG00000213701	0	NA	NA	NA	NA	SETP22
NA	ENSG00000213703	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000213704	0	NA	NA	NA	NA	EEF1A1P15
NA	ENSG00000213706	0.31817515	0.00112425	0.38336655	0.96630546	NA	RHOG2P
NA	ENSG00000213707	0.35694857	0.02381899	0.38538136	0.61388199	NA	HMGB1P10
NA	ENSG00000213708	0	NA	NA	NA	NA	SLC16A14P1

NA	ENSG00000213711	0	NA	NA	NA	NA	PHBP7
NA	ENSG00000213713	142.449475	-0.14357419	0.18245459	0.37035567	0.59943356	PIGCP1
388799	ENSG00000213714	1.04239802	0.04448868	0.38799694	0.25925947	NA	FAM209B
NA	ENSG00000213716	0	NA	NA	NA	NA	FABP5P5
NA	ENSG00000213717	0	NA	NA	NA	NA	
1192	ENSG00000213719	1143.35282	0.08283313	0.07850765	0.2814189	0.50624272	CLIC1
NA	ENSG00000213721	0	NA	NA	NA	NA	HMG2P30
23564	ENSG00000213722	1397.06535	0.75137716	0.08072833	2.40E-21	9.57E-20	DDAH2
NA	ENSG00000213724	0	NA	NA	NA	NA	PRDX2P2
NA	ENSG00000213726	0	NA	NA	NA	NA	RPS2P52
NA	ENSG00000213727	0	NA	NA	NA	NA	
NA	ENSG00000213729	0	NA	NA	NA	NA	RPS16P2
NA	ENSG00000213730	0	NA	NA	NA	NA	POLD2P1
NA	ENSG00000213731	0	NA	NA	NA	NA	RAB5CP1
NA	ENSG00000213735	0	NA	NA	NA	NA	ANAPC10P1
NA	ENSG00000213736	0	NA	NA	NA	NA	BRI3P2
NA	ENSG00000213739	0	NA	NA	NA	NA	PPIAP68
NA	ENSG00000213740	0	NA	NA	NA	NA	SERBP1P1
6235	ENSG00000213741	2230.18127	-0.1403533	0.0655343	0.02959463	0.09931651	RPS29
102724826	ENSG00000213742	77.7597914	-0.08505254	0.24472119	0.65219085	0.8261929	ZNF337-AS1
NA	ENSG00000213744	0	NA	NA	NA	NA	RPS10P14
NA	ENSG00000213747	0	NA	NA	NA	NA	WASHC3P1
NA	ENSG00000213750	0	NA	NA	NA	NA	
NA	ENSG00000213752	0	NA	NA	NA	NA	
65996	ENSG00000213753	936.79531	0.08274101	0.11919548	0.46717685	0.69011879	CENPBD1P1
NA	ENSG00000213754	0.79021863	-0.00588941	0.38148532	0.90980542	NA	KPNA4P1
NA	ENSG00000213755	0	NA	NA	NA	NA	
NA	ENSG00000213757	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS3AP20
10720	ENSG00000213759	0	NA	NA	NA	NA	UGT2B11
534	ENSG00000213760	188.873735	-0.09492689	0.16762447	0.52781216	0.73958565	ATP6V1G2
NA	ENSG00000213761	0	NA	NA	NA	NA	MT1P1
7693	ENSG00000213762	575.532074	-0.17697513	0.111172341	0.0964302	0.24269634	ZNF134
NA	ENSG00000213763	0	NA	NA	NA	NA	ACTBP2
NA	ENSG00000213770	0.18922458	0.01954053	0.38488496	0.78225479	NA	FAM210CP
NA	ENSG00000213771	0	NA	NA	NA	NA	KRT8P37
NA	ENSG00000213772	0	NA	NA	NA	NA	EIF1P7
NA	ENSG00000213774	0	NA	NA	NA	NA	
NA	ENSG00000213777	5.73884123	-0.04704687	0.365678	0.70028662	0.8554699	

NA	ENSG00000213778	0	NA	NA	NA	NA	HNRNPA1P32
NA	ENSG00000213779	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
2968	ENSG00000213780	478.941874	-0.06719831	0.13031039	0.58263099	0.77930283	GTF2H4
NA	ENSG00000213781	0	NA	NA	NA	NA	PSMC1P2
51202	ENSG00000213782	1100.18097	0.01259518	0.0823004	0.87642725	0.94556523	DDX47
NA	ENSG00000213783	0	NA	NA	NA	NA	RPL35P4
NA	ENSG00000213785	0	NA	NA	NA	NA	AKR1B1P3
NA	ENSG00000213786	0	NA	NA	NA	NA	NHP2P2
NA	ENSG00000213787	0	NA	NA	NA	NA	RPL7AP38
NA	ENSG00000213790	0.173733	0.01914545	0.38484597	0.78225479	NA	OLA1P1
NA	ENSG00000213791	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
388559	ENSG00000213793	110.645082	0.02488418	0.2088788	0.8885404	0.95146564	ZNF888
NA	ENSG00000213798	0	NA	NA	NA	NA	
91664	ENSG00000213799	180.570319	-0.1255455	0.15917267	0.38497347	0.61396093	ZNF845
399669	ENSG00000213801	36.9702429	0.12074679	0.28198446	0.54157401	0.74998089	ZNF321P
22914	ENSG00000213809	0	NA	NA	NA	NA	KLRK1
100528032	ENSG00000213809	0	NA	NA	NA	NA	KLRK1
NA	ENSG00000213816	0.31669143	0.00108965	0.38336636	0.96741287	NA	CNN2P4
NA	ENSG00000213820	0	NA	NA	NA	NA	RPL13P2
729767	ENSG00000213822	0	NA	NA	NA	NA	CEACAM18
NA	ENSG00000213830	9.81294184	0.05673927	0.34479205	0.72455655	0.86838238	CFL1P5
NA	ENSG00000213839	79.4430472	-0.10161537	0.21745974	0.570842	0.77109827	TMX2P1
NA	ENSG00000213842	3.07835548	0.10801965	0.39075469	0.31091335	0.53864136	SUGT1P2
NA	ENSG00000213849	0	NA	NA	NA	NA	
NA	ENSG00000213851	0.173124	-0.01911262	0.38486262	0.84537521	NA	
2013	ENSG00000213853	1076.84093	0.39328573	0.1024897	6.64E-05	0.00052919	EMP2
NA	ENSG00000213854	0	NA	NA	NA	NA	CNN2P6
NA	ENSG00000213856	0	NA	NA	NA	NA	VDAC1P2
NA	ENSG00000213857	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ACTBP15
147040	ENSG00000213859	104.175664	0.06212217	0.21423992	0.72858793	0.87026999	KCTD11
NA	ENSG00000213860	1.89236396	0.06217847	0.38791412	0.30455868	NA	RPL21P75
NA	ENSG00000213862	0.98669936	0.00648608	0.38007331	0.91493578	NA	
NA	ENSG00000213864	0.16735865	0.01897177	0.38482933	0.78225479	NA	EEF1B2P2
NA	ENSG00000213866	1.97321455	-0.04817123	0.378034	0.59124168	NA	YBX1P10
NA	ENSG00000213867	0	NA	NA	NA	NA	
NA	ENSG00000213871	0.16735865	0.01897177	0.38482933	0.78225479	NA	TAF9BP1
NA	ENSG00000213872	1.30826521	-0.01573367	0.37846067	0.82534721	NA	RPL32P11
NA	ENSG00000213873	0	NA	NA	NA	NA	PPIAP86

NA	ENSG00000213875	0	NA	NA	NA	NA	
NA	ENSG00000213876	0	NA	NA	NA	NA	RPL7AP64
NA	ENSG00000213877	0	NA	NA	NA	NA	CFL1P7
NA	ENSG00000213880	0	NA	NA	NA	NA	RPL7AP7
NA	ENSG00000213881	0	NA	NA	NA	NA	NPM1P6
NA	ENSG00000213882	0	NA	NA	NA	NA	CYB5AP4
NA	ENSG00000213885	2.20322494	0.01493855	0.37672598	0.85203056	NA	RPL13AP7
10537	ENSG00000213886	0	NA	NA	NA	NA	UBD
NA	ENSG00000213888	291.083887	0.12071099	0.14044775	0.35584551	0.58600518	LINC01521
147699	ENSG00000213889	56.5823059	0.20491882	0.26410293	0.30395072	0.53126299	PPM1N
NA	ENSG00000213891	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL3P6
388551	ENSG00000213892	0	NA	NA	NA	NA	CEACAM16
NA	ENSG00000213896	0	NA	NA	NA	NA	
NA	ENSG00000213900	0	NA	NA	NA	NA	RPS17P1
151295	ENSG00000213901	45.0972829	0.610509	0.38353071	0.02042216	0.0740588	SLC23A3
1241	ENSG00000213903	226.117413	0.30900661	0.20044991	0.07306771	0.19752734	LTB4R
100996307	ENSG00000213904	13.8740357	0.09306564	0.3433429	0.58718816	0.78237765	LIPE-AS1
101930071	ENSG00000213904	13.8740357	0.09306564	0.3433429	0.58718816	0.78237765	LIPE-AS1
56413	ENSG00000213906	185.369451	0.41675868	0.18132333	0.00981616	0.04086329	LTB4R2
NA	ENSG00000213908	0	NA	NA	NA	NA	CYP2A7P1
NA	ENSG00000213911	0	NA	NA	NA	NA	OR2G1P
NA	ENSG00000213916	0.29863895	-0.02292439	0.3852726	0.68753245	NA	RPL13P
NA	ENSG00000213917	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL5P8
1773	ENSG00000213918	1175.14154	0.23837066	0.11899232	0.03463457	0.11242635	DNASE1
145553	ENSG00000213920	150.638346	0.21510736	0.19233068	0.19785924	0.40199972	MDP1
342900	ENSG00000213921	0	NA	NA	NA	NA	LEUTX
1454	ENSG00000213923	2091.90777	0.00495163	0.0762371	0.94873286	0.97892968	CSNK1E
NA	ENSG00000213924	0	NA	NA	NA	NA	HNRNPH1P2
NA	ENSG00000213925	0	NA	NA	NA	NA	NPM1P33
NA	ENSG00000213926	0	NA	NA	NA	NA	MSRB1P1
10850	ENSG00000213927	2.34827369	-0.08973895	0.39126542	0.28067271	NA	CCL27
10379	ENSG00000213928	156.3608	0.19631209	0.23052873	0.29298662	0.51909756	IRF9
2592	ENSG00000213930	435.062377	0.07585722	0.1155023	0.49183287	0.71106639	GALT
3046	ENSG00000213931	0.18922458	0.01954053	0.38488496	0.78225479	NA	HBE1
3047	ENSG00000213934	0	NA	NA	NA	NA	HBG1
NA	ENSG00000213935	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL22P16
9080	ENSG00000213937	11.3211188	-0.2257742	0.40630263	0.21493077	0.42531683	CLDN9
NA	ENSG00000213938	0.16735865	0.01897177	0.38482933	0.78225479	NA	SEPHS1P6

NA	ENSG00000213939	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000213940	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000213942	0	NA	NA	NA	NA	
NA	ENSG00000213943	0.66434116	0.02547961	0.38356952	0.59354996	NA	KRT18P17
NA	ENSG00000213946	0	NA	NA	NA	NA	DNAJB1P1
3672	ENSG00000213949	1214.54639	-0.27783672	0.0959158	0.00268835	0.01379995	ITGA1
NA	ENSG00000213950	0	NA	NA	NA	NA	RPS10P2
NA	ENSG00000213954	0	NA	NA	NA	NA	ATP5PDP3
NA	ENSG00000213956	0	NA	NA	NA	NA	
NA	ENSG00000213958	0	NA	NA	NA	NA	KRT18P29
NA	ENSG00000213959	0	NA	NA	NA	NA	
NA	ENSG00000213962	0.173124	-0.01911262	0.38486262	0.84537521	NA	API5P2
100130691	ENSG00000213963	89.1721461	0.2804865	0.2573316	0.1605649	0.34849661	
NA	ENSG00000213964	0	NA	NA	NA	NA	CHCHD4P4
390916	ENSG00000213965	367.7578	-0.07374757	0.12336128	0.52686007	0.73878671	NUDT19
730087	ENSG00000213967	153.696113	-0.27217923	0.18082253	0.08818269	0.22694831	ZNF726
NA	ENSG00000213970	1.15324519	-0.0082652	0.38154881	0.87082059	NA	
NA	ENSG00000213972	0	NA	NA	NA	NA	
7652	ENSG00000213973	3.60116057	-0.30413985	0.58224485	0.0020164	0.01077441	ZNF99
NA	ENSG00000213976	1.63900793	0.02162228	0.38143364	0.71071874	NA	
30851	ENSG00000213977	631.512519	0.47399787	0.11069462	7.82E-06	7.59E-05	TAX1BP3
NA	ENSG00000213979	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL7AP14
NA	ENSG00000213981	0.34109932	0.02362644	0.38535338	0.62411144	NA	
8906	ENSG00000213983	998.013216	0.35732021	0.08950379	3.91E-05	0.00032924	APIG2
NA	ENSG00000213985	0	NA	NA	NA	NA	
NA	ENSG00000213987	0	NA	NA	NA	NA	
7643	ENSG00000213988	270.777332	-0.14410345	0.15071084	0.29711874	0.52379916	ZNF90
NA	ENSG00000213994	0.18922458	0.01954053	0.38488496	0.78225479	NA	
55739	ENSG00000213995	965.196737	0.02096069	0.08998389	0.81143703	0.9146069	NAXD
53345	ENSG00000213996	115.946634	0.24675656	0.20737704	0.1608262	0.3488699	TM6SF2
NA	ENSG00000213997	4.72208887	0.0581262	0.37361763	0.59954683	0.79057618	PGAM1P7
4207	ENSG00000213999	18.9874483	1.3785341	0.66885896	0.00216043	0.01143925	MEF2B
100271849	ENSG00000213999	18.9874483	1.3785341	0.66885896	0.00216043	0.01143925	MEF2B
NA	ENSG00000214003	0	NA	NA	NA	NA	ATP5PBP3
NA	ENSG00000214009	0	NA	NA	NA	NA	PCNAP3
NA	ENSG00000214012	0.68955477	0.04027251	0.38714314	0.35759988	NA	KRT18P38
2595	ENSG00000214013	411.005766	-0.25485337	0.13315895	0.04051327	0.1265601	GANC
NA	ENSG00000214015	0	NA	NA	NA	NA	RPL32P23

NA	ENSG00000214016	0.80871517	0.01382444	0.38179842	0.78833545	NA	RPSAP61
NA	ENSG00000214018	1.6106412	0.08125948	0.39373116	0.16813231	NA	RRM2P3
NA	ENSG00000214019	0	NA	NA	NA	NA	RBM39P1
NA	ENSG00000214020	0	NA	NA	NA	NA	FTLP4
26140	ENSG00000214021	712.370388	0.47003161	0.11712315	2.54E-05	0.00022262	TTLL3
29803	ENSG00000214022	5893.27957	-0.07127904	0.05464787	0.18396436	0.3824796	REPIN1
NA	ENSG00000214024	0	NA	NA	NA	NA	RPL23AP29
NA	ENSG00000214025	0	NA	NA	NA	NA	ATP5BPB4
6150	ENSG00000214026	1072.16137	0.07126968	0.08114349	0.36869894	0.59806941	MRPL23
107987373	ENSG00000214026	1072.16137	0.07126968	0.08114349	0.36869894	0.59806941	MRPL23
NA	ENSG00000214027	0	NA	NA	NA	NA	ARPC3P5
101060200	ENSG00000214029	588.45483	-0.26890936	0.11724801	0.01545677	0.05903028	ZNF891
NA	ENSG00000214031	0	NA	NA	NA	NA	CLDN7P1
NA	ENSG00000214035	0	NA	NA	NA	NA	
NA	ENSG00000214039	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02418
NA	ENSG00000214041	0.62429291	-0.03620507	0.38661649	0.42716672	NA	PGAM1P4
3444	ENSG00000214042	0	NA	NA	NA	NA	IFNA7
100128554	ENSG00000214043	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02347
NA	ENSG00000214045	0	NA	NA	NA	NA	IMPDH1P2
79086	ENSG00000214046	810.706274	-0.10192404	0.09322396	0.25893047	0.48036523	SMIM7
NA	ENSG00000214047	0	NA	NA	NA	NA	RPS11P7
NA	ENSG00000214049	0	NA	NA	NA	NA	UCA1
157574	ENSG00000214050	59.8438595	-0.06836922	0.24208853	0.7150598	0.86271551	FBXO16
NA	ENSG00000214051	0	NA	NA	NA	NA	ARF4P3
NA	ENSG00000214062	0.6525625	0.00378442	0.38194312	0.93526549	NA	RPL7P17
7106	ENSG00000214063	727.834029	-0.38058196	0.09858709	6.22E-05	0.00049784	TSPAN4
NA	ENSG00000214064	0	NA	NA	NA	NA	RPL6P5
NA	ENSG00000214067	0	NA	NA	NA	NA	
NA	ENSG00000214070	0.49001835	-0.00695139	0.38316005	0.85916919	NA	MANEALP1
NA	ENSG00000214071	0	NA	NA	NA	NA	
NA	ENSG00000214073	0	NA	NA	NA	NA	RPL21P17
NA	ENSG00000214074	0	NA	NA	NA	NA	RPL23AP39
NA	ENSG00000214076	51.7545599	0.28922597	0.29875581	0.17403813	0.36729246	CPSF1P1
NA	ENSG00000214077	8.64226993	-0.14327376	0.38111754	0.34922041	0.57998769	GNAQP1
8904	ENSG00000214078	1890.75207	0.10422278	0.07528282	0.1575241	0.34438327	CPNE1
100132708	ENSG00000214081	0	NA	NA	NA	NA	CYP4F30P
339231	ENSG00000214087	932.08671	0.13997916	0.09032788	0.11075868	0.26844028	ARL16
NA	ENSG00000214089	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL9P21

NA	ENSG00000214093	0	NA	NA	NA	NA	
255798	ENSG00000214097	0	NA	NA	NA	NA	SMCO1
389033	ENSG00000214100	0.94612289	0.04084733	0.38743659	0.29648824	NA	PLAC9P1
494551	ENSG00000214102	3.08607282	0.02730683	0.37397776	0.77214474	0.89539725	WEE2
NA	ENSG00000214106	113.257997	0.32305304	0.237684	0.09347561	0.23697459	PAXIP1-AS2
4112	ENSG00000214107	0.36247517	0.00101876	0.3833651	0.96618489	NA	MAGEB1
NA	ENSG00000214108	0	NA	NA	NA	NA	TPT1P5
NA	ENSG00000214110	39.4004264	0.51162634	0.39692896	0.04471852	0.13643171	LDHAP4
NA	ENSG00000214111	0	NA	NA	NA	NA	PAFAH1B2P1
57128	ENSG00000214113	329.130616	0.12921442	0.13541166	0.30785096	0.53534604	LYRM4
26292	ENSG00000214114	339.681637	0.03438096	0.13491543	0.78726953	0.90331242	MYCBP
NA	ENSG00000214121	1.74761498	0.02715803	0.37924262	0.70795672	NA	PRDX1P1
NA	ENSG00000214124	0	NA	NA	NA	NA	SNRPEP9
NA	ENSG00000214125	1.0293629	-0.02113024	0.38105657	0.72239388	NA	
155006	ENSG00000214128	0.18922458	0.01954053	0.38488496	0.78225479	NA	TMEM213
NA	ENSG00000214132	0	NA	NA	NA	NA	
220729	ENSG00000214135	370.145345	0.31888521	0.1354768	0.01170194	0.04720749	
768206	ENSG00000214140	784.766118	-0.56901282	0.11672527	3.48E-07	4.27E-06	PRCD
NA	ENSG00000214141	0.59910558	-0.03505719	0.38648421	0.44284155	NA	ACTN4P2
NA	ENSG00000214142	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL7P60
NA	ENSG00000214144	0	NA	NA	NA	NA	
NA	ENSG00000214145	1.47173764	-0.00453468	0.37857034	0.94649096	NA	LINC00887
647323	ENSG00000214146	1.91917504	-0.01936451	0.37889039	0.69599421	NA	LINC02026
NA	ENSG00000214147	0	NA	NA	NA	NA	
10195	ENSG00000214160	752.328049	0.16873117	0.09595554	0.06910867	0.18966883	ALG3
NA	ENSG00000214161	0	NA	NA	NA	NA	SDC4P
201283	ENSG00000214174	273.800661	-0.07819412	0.15175581	0.57385414	0.77329798	AMZ2P1
NA	ENSG00000214176	551.141302	0.41101249	0.11247072	0.00013051	0.00096474	PLEKHM1P1
NA	ENSG00000214178	0	NA	NA	NA	NA	PPIAP23
NA	ENSG00000214182	4.56068645	-0.04471105	0.36669275	0.7093819	0.86054032	PTMAP5
644903	ENSG00000214184	13.2353952	0.0826349	0.34091472	0.63008829	0.81291141	GCC2-AS1
NA	ENSG00000214185	0.34746601	0.02370763	0.3853651	0.61987128	NA	XPOTP1
338069	ENSG00000214188	2.15608119	0.06894122	0.38427357	0.40993738	NA	ST7-OT4
NA	ENSG00000214189	0.91463859	-0.03833207	0.38458547	0.46186443	NA	ZNF788P
NA	ENSG00000214190	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RNF152P1
NA	ENSG00000214192	0	NA	NA	NA	NA	UBE2V1P2
79729	ENSG00000214193	216.090058	-0.06321476	0.15948015	0.66035357	0.83167744	SH3D21
401397	ENSG00000214194	477.399112	-0.12557919	0.11373678	0.2467091	0.46580781	SMIM30

NA	ENSG00000214195	0	NA	NA	NA	NA	HMG2P31
NA	ENSG00000214198	11.6756884	-0.20079459	0.40038897	0.2351536	0.45199063	TTC41P
NA	ENSG00000214199	1.15721144	0.01748923	0.38008496	0.78431936	NA	EEF1A1P12
NA	ENSG00000214200	0	NA	NA	NA	NA	TPM3P2
NA	ENSG00000214203	1.20218695	0.08460756	0.39662327	0.11224147	NA	RPS4XP1
NA	ENSG00000214204	0	NA	NA	NA	NA	HNRNPA1P43
NA	ENSG00000214207	0	NA	NA	NA	NA	KRT18P10
NA	ENSG00000214210	0	NA	NA	NA	NA	
NA	ENSG00000214211	0	NA	NA	NA	NA	CTAGE14P
255809	ENSG00000214212	3.35547558	0.02740828	0.37207456	0.78600602	0.90280441	C19orf38
654502	ENSG00000214216	0.34624801	-0.02356563	0.38536324	0.65270996	NA	IQCJ
NA	ENSG00000214222	0	NA	NA	NA	NA	TUBBP2
664709	ENSG00000214223	39.3522711	0.14104168	0.28225949	0.47884779	0.70038424	HNRNPA1P10
339210	ENSG00000214226	46.2076024	0.59715767	0.40501534	0.02557321	0.08867049	C17orf67
646951	ENSG00000214237	0.173733	0.01914545	0.38484597	0.78225479	NA	MINDY4B
NA	ENSG00000214243	9.54704351	-0.00831918	0.3415935	0.95583955	0.98182017	
NA	ENSG00000214244	0	NA	NA	NA	NA	SETP21
NA	ENSG00000214245	0	NA	NA	NA	NA	PUDPP3
NA	ENSG00000214248	4.31753413	0.2094701	0.44883762	0.08697947	0.22501926	
NA	ENSG00000214249	0.18922458	0.01954053	0.38488496	0.78225479	NA	CTAGE11P
NA	ENSG00000214252	0	NA	NA	NA	NA	AZGP1P2
51024	ENSG00000214253	1667.06274	-0.06006022	0.08076717	0.44585699	0.67028199	FIS1
NA	ENSG00000214254	0	NA	NA	NA	NA	
NA	ENSG00000214255	0	NA	NA	NA	NA	RPS2P6
NA	ENSG00000214259	0	NA	NA	NA	NA	
84832	ENSG00000214262	0	NA	NA	NA	NA	ANKRD36BP1
NA	ENSG00000214263	0	NA	NA	NA	NA	RPSAP53
NA	ENSG00000214264	0	NA	NA	NA	NA	KCTD9P4
NA	ENSG00000214265	1.68535678	0.01563509	0.37594913	0.85096929	NA	
NA	ENSG00000214266	0	NA	NA	NA	NA	STARP1
NA	ENSG00000214268	0	NA	NA	NA	NA	RPS3AP33
NA	ENSG00000214269	0	NA	NA	NA	NA	LGMNP1
NA	ENSG00000214273	24.840552	0.20194235	0.35193877	0.31156451	0.5392515	AGGF1P1
283	ENSG00000214274	10.4987192	0.5344585	0.80770794	0.03212879	0.10588625	ANG
NA	ENSG00000214278	0	NA	NA	NA	NA	
NA	ENSG00000214279	50.2538721	0.21056641	0.31889131	0.304285	0.53154043	SCART1
NA	ENSG00000214280	0	NA	NA	NA	NA	
NA	ENSG00000214281	0	NA	NA	NA	NA	HMG2P39

NA	ENSG00000214282	0	NA	NA	NA	NA	KRT8P14
NA	ENSG00000214283	0	NA	NA	NA	NA	RAD51AP1P1
594857	ENSG00000214285	0	NA	NA	NA	NA	NPS
NA	ENSG00000214286	0	NA	NA	NA	NA	PDCL3P3
NA	ENSG00000214288	0	NA	NA	NA	NA	HMGB3P13
NA	ENSG00000214289	0	NA	NA	NA	NA	RPL39P5
120376	ENSG00000214290	1.55448531	0.11111676	0.40618985	0.05487934	NA	COLCA2
100505854	ENSG00000214293	182.543486	-0.03188608	0.17403499	0.83578132	0.92515898	APTR
NA	ENSG00000214295	0	NA	NA	NA	NA	FOXO1B
NA	ENSG00000214297	0	NA	NA	NA	NA	ALDOAP2
NA	ENSG00000214298	0	NA	NA	NA	NA	MRPS21P6
441272	ENSG00000214300	11.6935516	-0.10261918	0.36646175	0.48652084	0.7063832	SPDYE3
NA	ENSG00000214301	0	NA	NA	NA	NA	
NA	ENSG00000214305	0	NA	NA	NA	NA	
255374	ENSG00000214309	37.5220598	-0.13894469	0.28227285	0.48246043	0.70289433	MBLAC1
646282	ENSG00000214313	0	NA	NA	NA	NA	AZGP1P1
NA	ENSG00000214318	0	NA	NA	NA	NA	ATP5MC1P6
NA	ENSG00000214319	0	NA	NA	NA	NA	CXADRP1
NA	ENSG00000214321	0	NA	NA	NA	NA	CBX1P4
NA	ENSG00000214322	0	NA	NA	NA	NA	CBX1P2
285311	ENSG00000214324	0	NA	NA	NA	NA	C3orf56
NA	ENSG00000214326	0	NA	NA	NA	NA	RPL31P1
NA	ENSG00000214329	0	NA	NA	NA	NA	SLC9B1P2
NA	ENSG00000214330	0	NA	NA	NA	NA	ABCD1P5
NA	ENSG00000214331	192.395345	0.207743	0.17072983	0.17443248	0.36800727	PDPR2P
NA	ENSG00000214335	0	NA	NA	NA	NA	CTAGE16P
344167	ENSG00000214336	99.9040422	1.50112846	0.25831155	5.14E-10	9.22E-09	FOXI3
387104	ENSG00000214338	1351.51598	-0.51920152	0.08551076	4.79E-10	8.61E-09	SOGA3
NA	ENSG00000214342	0	NA	NA	NA	NA	ATP5PBP2
390651	ENSG00000214344	0	NA	NA	NA	NA	OR4F13P
390877	ENSG00000214347	0	NA	NA	NA	NA	
NA	ENSG00000214351	0	NA	NA	NA	NA	OR1X5P
100130894	ENSG00000214353	4.31783643	0.04041513	0.36512399	0.74451988	0.87966141	VAC14-AS1
NA	ENSG00000214354	0	NA	NA	NA	NA	PAFAH1B1P1
54492	ENSG00000214357	722.594723	-0.47104004	0.10092876	1.29E-06	1.44E-05	NEURL1B
NA	ENSG00000214359	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL18P10
285588	ENSG00000214360	0.76327836	-0.02803428	0.38357327	0.5725126	NA	EFCAB9
NA	ENSG00000214362	0	NA	NA	NA	NA	RPS3AP36

NA	ENSG00000214366	0	NA	NA	NA	NA	EIF4EP5
79441	ENSG00000214367	556.23494	-0.23832793	0.13563302	0.059273	0.16956407	HAUS3
NA	ENSG00000214369	0.68873783	0.02688154	0.38368135	0.57440369	NA	CYB5AP2
NA	ENSG00000214374	0	NA	NA	NA	NA	RPLP2P1
387804	ENSG00000214376	47.4804855	0.82001016	0.43346546	0.00631488	0.02830708	VSTM5
NA	ENSG00000214380	0	NA	NA	NA	NA	NFYBP1
677779	ENSG00000214381	0	NA	NA	NA	NA	LINC00488
NA	ENSG00000214389	4.02925636	0.01548882	0.36687163	0.89215554	0.95335233	RPS3AP26
NA	ENSG00000214391	1.75377942	0.05927535	0.38330851	0.44989284	NA	TUBAP2
644246	ENSG00000214401	10.9997927	0.15903677	0.37075991	0.35881731	0.58913444	KANSL1-AS1
107984142	ENSG00000214401	10.9997927	0.15903677	0.37075991	0.35881731	0.58913444	KANSL1-AS1
401562	ENSG00000214402	1.40050562	0.01283911	0.37915544	0.84761242	NA	LCNL1
NA	ENSG00000214405	0	NA	NA	NA	NA	RAP1BP2
152225	ENSG00000214407	0	NA	NA	NA	NA	LINC02085
92482	ENSG00000214413	581.420338	-0.3935062	0.10617343	0.00011049	0.00083196	BBIP1
390231	ENSG00000214414	0	NA	NA	NA	NA	TRIM77
346562	ENSG00000214415	0	NA	NA	NA	NA	GNAT3
NA	ENSG00000214417	0	NA	NA	NA	NA	KRT18P13
NA	ENSG00000214424	0	NA	NA	NA	NA	FAM149B1P1
NA	ENSG00000214425	1411.75109	-0.03137629	0.08065599	0.69030429	0.84992163	LRRRC37A4P
NA	ENSG00000214428	0	NA	NA	NA	NA	NPM1P10
NA	ENSG00000214429	0	NA	NA	NA	NA	CYCSP6
101926911	ENSG00000214432	4.54244455	0.06427351	0.37642592	0.53036403	0.74211315	VPS33B-DT
NA	ENSG00000214433	0.36251418	0.00105952	0.38336537	0.9658012	NA	GOLGA2P8
NA	ENSG00000214434	0	NA	NA	NA	NA	NIFKP1
57412	ENSG00000214435	662.540774	0.05066991	0.10707215	0.62264922	0.80737672	AS3MT
NA	ENSG00000214439	24.0773501	0.08185531	0.30082388	0.67133686	0.83825699	FAM185BP
100528020	ENSG00000214447	8.69317782	-0.01806679	0.38336033	0.66299595	0.83373516	FAM187A
NA	ENSG00000214455	17.7064662	0.18988084	0.36625685	0.31619597	0.54427831	RCN1P2
440503	ENSG00000214456	263.133276	0.81156399	0.17262475	4.41E-07	5.30E-06	PLIN5
NA	ENSG00000214457	2.19481549	-0.06209172	0.3804731	0.49852193	NA	RPL7P29
NA	ENSG00000214460	0	NA	NA	NA	NA	TPT1P6
NA	ENSG00000214465	1.35192447	0.00530725	0.37772008	0.94264593	NA	SMARCE1P6
NA	ENSG00000214484	0	NA	NA	NA	NA	RPSAP28
NA	ENSG00000214485	2.37046275	0.03608934	0.37701835	0.67828317	NA	RPL7P1
NA	ENSG00000214487	0	NA	NA	NA	NA	OR7E148P
730005	ENSG00000214491	0	NA	NA	NA	NA	SEC14L6
153218	ENSG00000214510	0	NA	NA	NA	NA	SPINK13

613227	ENSG00000214511	0	NA	NA	NA	NA	HIGD1C
344022	ENSG00000214513	0	NA	NA	NA	NA	NOTO
284116	ENSG00000214514	0	NA	NA	NA	NA	KRT42P
51400	ENSG00000214517	1182.36744	-0.15684432	0.10072709	0.10577052	0.25953792	PPME1
728279	ENSG00000214518	0	NA	NA	NA	NA	KRTAP2-2
NA	ENSG00000214525	0	NA	NA	NA	NA	
NA	ENSG00000214526	0	NA	NA	NA	NA	
10809	ENSG00000214530	175.587082	-0.02764368	0.19223415	0.86616883	0.94101356	STARD10
NA	ENSG00000214533	0	NA	NA	NA	NA	KRT18P33
100131539	ENSG00000214534	14.3467206	0.14473835	0.36178281	0.40654623	0.63480853	ZNF705E
NA	ENSG00000214535	2.30334045	-0.00484068	0.37492742	0.95301179	NA	RPS15AP1
NA	ENSG00000214541	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPS4XP3
NA	ENSG00000214544	0.173733	0.01914545	0.38484597	0.78225479	NA	GTF2IRD2P1
NA	ENSG00000214546	0.68997216	0.02455669	0.38336419	0.58563167	NA	
55384	ENSG00000214548	14.1077774	1.1609832	1.19157407	0.00859038	0.03658936	MEG3
NA	ENSG00000214549	0	NA	NA	NA	NA	SDHCP2
NA	ENSG00000214552	0	NA	NA	NA	NA	COPS8P2
342666	ENSG00000214553	0.93053149	0.05166487	0.38896823	0.24547883	NA	LRRC37A11P
NA	ENSG00000214558	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000214559	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
NA	ENSG00000214560	0	NA	NA	NA	NA	RPL21P41
NA	ENSG00000214561	0.16735865	0.01897177	0.38482933	0.78225479	NA	RBBP4P4
728130	ENSG00000214562	129.794377	0.09108133	0.19589071	0.59013134	0.78478489	NUTM2D
NA	ENSG00000214563	1.72187153	0.05470169	0.38286697	0.472432	NA	GAPDHP15
64506	ENSG00000214575	89.2899332	-0.20929564	0.23250304	0.26423273	0.48643065	CPEB1
NA	ENSG00000214578	2.59214877	0.01366397	0.37130266	0.8921821	0.95335233	HMG2P15
NA	ENSG00000214581	0	NA	NA	NA	NA	ZNF971P
NA	ENSG00000214584	0	NA	NA	NA	NA	PGGT1BP2
NA	ENSG00000214593	0.16735865	0.01897177	0.38482933	0.78225479	NA	
400954	ENSG00000214595	341.963102	0.43671847	0.21798843	0.01811133	0.06720935	EML6
NA	ENSG00000214602	0	NA	NA	NA	NA	CTBP2P5
NA	ENSG00000214604	0	NA	NA	NA	NA	NPM1P36
NA	ENSG00000214607	0	NA	NA	NA	NA	ADAM24P
NA	ENSG00000214612	0	NA	NA	NA	NA	RPS19P1
NA	ENSG00000214614	0	NA	NA	NA	NA	
386757	ENSG00000214617	4.37696392	-0.01741718	0.36818752	0.87073556	0.94350971	SLC6A10P
NA	ENSG00000214626	0.16735865	0.01897177	0.38482933	0.78225479	NA	POLR3DP1
NA	ENSG00000214628	0	NA	NA	NA	NA	NDUFB5P2

NA	ENSG00000214629	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPSAP6
NA	ENSG00000214641	0	NA	NA	NA	NA	
245927	ENSG00000214642	0	NA	NA	NA	NA	DEFB113
403339	ENSG00000214643	0	NA	NA	NA	NA	DEFB133
NA	ENSG00000214646	0	NA	NA	NA	NA	COMMD4P1
NA	ENSG00000214650	3.48180665	0.03796883	0.37020741	0.72982413	0.87081915	
NA	ENSG00000214651	0.46509046	-0.00779003	0.38327031	0.86477702	NA	
442319	ENSG00000214652	202.335791	-2.07909426	0.19909022	1.11E-26	5.63E-25	ZNF727
NA	ENSG00000214653	0.4678512	-0.00937694	0.38287696	0.85044634	NA	HNRNPA3P3
100288842	ENSG00000214654	96.6442562	-0.29755074	0.26624852	0.14314171	0.32228142	B3GALT9
23053	ENSG00000214655	2531.7332	0.21000787	0.08375221	0.01007937	0.04167381	ZSWIM8
NA	ENSG00000214657	0	NA	NA	NA	NA	RPLP1P5
NA	ENSG00000214659	1.83260047	-0.00693068	0.37613305	0.92997993	NA	KRT8P26
NA	ENSG00000214660	0	NA	NA	NA	NA	SLC29A4P2
NA	ENSG00000214668	0	NA	NA	NA	NA	SLC29A4P1
NA	ENSG00000214669	0	NA	NA	NA	NA	
NA	ENSG00000214671	0	NA	NA	NA	NA	RPL6P12
NA	ENSG00000214676	0	NA	NA	NA	NA	RPL9P16
389124	ENSG00000214681	0	NA	NA	NA	NA	IQCF5
NA	ENSG00000214684	0	NA	NA	NA	NA	ANKRD49P4
440956	ENSG00000214686	0	NA	NA	NA	NA	IQCF6
414152	ENSG00000214688	3.73343558	-0.08236355	0.38135728	0.43682525	0.6619272	C10orf105
388942	ENSG00000214691	0	NA	NA	NA	NA	LINC01913
100271715	ENSG00000214694	16.2501367	0.13147245	0.37651959	0.37404264	0.60313768	ARHGEF33
NA	ENSG00000214695	0	NA	NA	NA	NA	NPAP1P2
728858	ENSG00000214700	0.68134019	0.03153177	0.38362055	0.54560468	NA	C12orf71
NA	ENSG00000214702	0	NA	NA	NA	NA	COMMD4P2
7866	ENSG00000214706	1086.98559	-0.01033615	0.09186387	0.90592784	0.95895045	IFRD2
105371730	ENSG00000214708	1.87543203	0.04379848	0.37989449	0.58387616	NA	
440854	ENSG00000214711	27.477529	0.42350085	0.40242505	0.08126203	0.21393825	CAPN14
9189	ENSG00000214717	1379.20765	0.04534455	0.0733429	0.53122922	0.74269521	ZBED1
NA	ENSG00000214719	182.452958	0.06677077	0.16231859	0.65147758	0.82589873	
NA	ENSG00000214720	0	NA	NA	NA	NA	KRT18P49
440356	ENSG00000214725	2.88798423	0.04656839	0.3748457	0.64135128	0.82041028	CDIPTOSP
NA	ENSG00000214727	0	NA	NA	NA	NA	RPL5P35
100188893	ENSG00000214736	1612.46838	0.11174219	0.07611294	0.13410198	0.30833044	TOMM6
NA	ENSG00000214743	0	NA	NA	NA	NA	MRPS5P3
NA	ENSG00000214745	0	NA	NA	NA	NA	GOT2P6

NA	ENSG00000214748	0	NA	NA	NA	NA	
221092	ENSG00000214753	3322.32394	-0.31238483	0.06491492	1.00E-06	1.14E-05	HNRNPUL2
NA	ENSG00000214754	0	NA	NA	NA	NA	
751071	ENSG00000214756	117.567644	-0.28055227	0.20816725	0.11173446	0.27024401	CSKMT
NA	ENSG00000214759	0	NA	NA	NA	NA	
NA	ENSG00000214760	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL21P1
NA	ENSG00000214761	0	NA	NA	NA	NA	HNRNPA1P15
NA	ENSG00000214765	429.972681	0.02172076	0.11704006	0.84642714	0.930418	SEPTIN7P2
NA	ENSG00000214770	17.7855011	-0.1598517	0.35435831	0.38471273	0.61375849	
NA	ENSG00000214772	0	NA	NA	NA	NA	
NA	ENSG00000214773	1.19390019	0.02093411	0.37945015	0.75983452	NA	
NA	ENSG00000214776	99.4999408	0.49646603	0.25093898	0.01554149	0.05934241	
728588	ENSG00000214782	0	NA	NA	NA	NA	MS4A18
84820	ENSG00000214783	221.377483	0.5126286	0.17474123	0.00117083	0.00677834	POLR2J4
NA	ENSG00000214784	0.64019408	0.00320517	0.38196024	0.94471299	NA	RPS3AP21
643680	ENSG00000214787	0.34746601	0.02370763	0.3853651	0.61987128	NA	MS4A4E
NA	ENSG00000214788	0	NA	NA	NA	NA	
NA	ENSG00000214794	0	NA	NA	NA	NA	KRT18P42
NA	ENSG00000214796	160.988111	-0.03452079	0.18831373	0.83147987	0.9237845	TUBA5P
NA	ENSG00000214797	0	NA	NA	NA	NA	
101927588	ENSG00000214803	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000214807	0	NA	NA	NA	NA	NPM1P31
NA	ENSG00000214810	0	NA	NA	NA	NA	CYCSP55
NA	ENSG00000214812	0	NA	NA	NA	NA	
654463	ENSG00000214814	0.78971444	-0.02838152	0.38353241	0.55442832	NA	FER1L6
NA	ENSG00000214815	0	NA	NA	NA	NA	IMPDH1P3
256223	ENSG00000214819	0	NA	NA	NA	NA	CDRT15L2
NA	ENSG00000214820	34.1471152	-0.04482979	0.28591814	0.81383123	0.91592004	MPRIPP1
NA	ENSG00000214821	0	NA	NA	NA	NA	HMGB1P4
644945	ENSG00000214822	0	NA	NA	NA	NA	KRT16P3
NA	ENSG00000214823	0.16735865	0.01897177	0.38482933	0.78225479	NA	NXT1P1
NA	ENSG00000214825	0	NA	NA	NA	NA	EI24P3
NA	ENSG00000214826	294.963162	0.5206525	0.14721908	0.00014461	0.00106026	DDX12P
4515	ENSG00000214827	32.1529604	0.62614952	0.50803673	0.02923147	0.0983637	MTCP1
NA	ENSG00000214832	1.77371833	-0.02125034	0.37868323	0.76476108	NA	UPF3AP2
NA	ENSG00000214835	0	NA	NA	NA	NA	RPL23AP6
731275	ENSG00000214837	84.7191572	0.08033141	0.22220472	0.66046696	0.83169726	LINC01347
729475	ENSG00000214842	15.6849197	0.25982956	0.41551387	0.18428767	0.38289533	RAD51AP2

NA	ENSG00000214843	0	NA	NA	NA	NA	ZFYVE9P2
NA	ENSG00000214846	0.18922458	0.01954053	0.38488496	0.78225479	NA	
253128	ENSG00000214851	1.27432045	0.02820054	0.37997313	0.68137278	NA	LINC00612
NA	ENSG00000214853	0	NA	NA	NA	NA	PPIAP79
342	ENSG00000214855	0	NA	NA	NA	NA	APOC1P1
NA	ENSG00000214856	0	NA	NA	NA	NA	KRT16P1
NA	ENSG00000214857	0	NA	NA	NA	NA	SEM1P1
645027	ENSG00000214860	0.18922458	0.01954053	0.38488496	0.78225479	NA	EVPLL
728597	ENSG00000214866	0.44921812	-0.02727446	0.385711	0.56234214	NA	DCDC2C
NA	ENSG00000214867	0.75005161	-0.04345344	0.38756857	0.34452604	NA	SRSF9P1
NA	ENSG00000214869	0	NA	NA	NA	NA	TPM3P4
NA	ENSG00000214870	116.454789	0.42014909	0.2311394	0.02873356	0.0970608	
219537	ENSG00000214872	1.53767149	0.04287627	0.38197172	0.54070507	NA	SMTNL1
NA	ENSG00000214875	0	NA	NA	NA	NA	MED28P1
NA	ENSG00000214878	0	NA	NA	NA	NA	RPL5P31
NA	ENSG00000214880	0	NA	NA	NA	NA	OR7E5P
NA	ENSG00000214881	0	NA	NA	NA	NA	TMEM14DP
NA	ENSG00000214883	0	NA	NA	NA	NA	
NA	ENSG00000214886	0	NA	NA	NA	NA	FAM177A1P1
NA	ENSG00000214888	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000214889	1.90034975	0.00458731	0.37994414	0.94230162	NA	RPS9P1
NA	ENSG00000214890	0	NA	NA	NA	NA	
646754	ENSG00000214891	0	NA	NA	NA	NA	TRIM64C
NA	ENSG00000214892	0	NA	NA	NA	NA	USP8P1
401247	ENSG00000214894	0	NA	NA	NA	NA	LINC00243
NA	ENSG00000214896	0	NA	NA	NA	NA	RPSAP55
649238	ENSG00000214897	0	NA	NA	NA	NA	PNMA6E
283551	ENSG00000214900	12.0552442	0.03283006	0.33562125	0.84463216	0.92965052	LINC01588
NA	ENSG00000214903	0	NA	NA	NA	NA	RPS15AP3
NA	ENSG00000214904	0	NA	NA	NA	NA	DUTP8
NA	ENSG00000214908	0	NA	NA	NA	NA	
NA	ENSG00000214914	0.49690527	-0.01002159	0.38282802	0.83061891	NA	RPL23AP3
105377213	ENSG00000214915	0	NA	NA	NA	NA	
NA	ENSG00000214917	0	NA	NA	NA	NA	
NA	ENSG00000214919	0	NA	NA	NA	NA	
285830	ENSG00000214922	0	NA	NA	NA	NA	HLA-F-AS1
NA	ENSG00000214925	0	NA	NA	NA	NA	RPL36AP52
389763	ENSG00000214929	0	NA	NA	NA	NA	SPATA31D1

NA	ENSG00000214930	0	NA	NA	NA	NA	KRT8P6
101059953	ENSG00000214940	256.161994	0.10807368	0.15637791	0.44993237	0.67340229	NPIPA8
125150	ENSG00000214941	568.182134	0.01473129	0.11094292	0.89069688	0.95243215	ZSWIM7
NA	ENSG00000214942	0	NA	NA	NA	NA	
2856	ENSG00000214943	0	NA	NA	NA	NA	GPR33
64283	ENSG00000214944	61.4586217	2.53004429	0.40732522	3.43E-11	6.92E-10	ARHGEF28
353149	ENSG00000214946	0.60532396	-0.02121039	0.38407222	0.65053735	NA	TBC1D26
100130742	ENSG00000214954	4.06145901	0.0747937	0.37424507	0.52584681	0.73808697	LRRC69
NA	ENSG00000214955	0.91717808	0.03781994	0.3846207	0.43318092	NA	
729920	ENSG00000214960	17.0353143	0.09684545	0.34572902	0.56532882	0.76733419	CRPPA
NA	ENSG00000214961	0	NA	NA	NA	NA	NT5DC1P2
101059938	ENSG00000214967	89.6398324	-0.33325794	0.29918195	0.12128548	0.28753541	NPIPA7
NA	ENSG00000214970	0	NA	NA	NA	NA	
NA	ENSG00000214973	0	NA	NA	NA	NA	CHCHD3P3
NA	ENSG00000214975	0.84773771	0.01679071	0.38121986	0.76587381	NA	PPIAP29
NA	ENSG00000214976	0.173124	-0.01911262	0.38486262	0.84537521	NA	VDAC2P1
644070	ENSG00000214978	0	NA	NA	NA	NA	GSG1L2
NA	ENSG00000214980	0	NA	NA	NA	NA	
NA	ENSG00000214988	0.96637686	0.00492566	0.38006989	0.9351896	NA	RPL7AP26
NA	ENSG00000214992	1.18128754	-0.00939625	0.37961409	0.88249342	NA	AKAP17BP
NA	ENSG00000214998	0.51332338	0.01568239	0.38314718	0.73449382	NA	CCNB2P1
107985075	ENSG00000214999	56.1753787	-0.73510342	0.33208497	0.00411383	0.01974798	
NA	ENSG00000215000	0	NA	NA	NA	NA	GAPDHP77
NA	ENSG00000215002	0	NA	NA	NA	NA	RPL23AP59
NA	ENSG00000215003	0	NA	NA	NA	NA	RPL15P20
NA	ENSG00000215004	0	NA	NA	NA	NA	MESTP4
NA	ENSG00000215005	0.16735865	0.01897177	0.38482933	0.78225479	NA	HSPD1P7
NA	ENSG00000215006	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CHCHD2P2
NA	ENSG00000215007	0	NA	NA	NA	NA	DNAJA1P3
341392	ENSG00000215009	0.173733	0.01914545	0.38484597	0.78225479	NA	ACSM4
79680	ENSG00000215012	615.098441	-0.49812719	0.10225555	4.38E-07	5.27E-06	RTL10
NA	ENSG00000215014	5.92651438	0.07825792	0.37351225	0.52107664	0.73457437	
NA	ENSG00000215016	0	NA	NA	NA	NA	RPL24P7
340267	ENSG00000215018	6.46770906	-0.01274471	0.35621376	0.92295133	0.96783056	COL28A1
11331	ENSG00000215021	6047.57123	0.02623391	0.05117033	0.60644177	0.79607018	PHB2
100130357	ENSG00000215022	28.8351307	0.10470353	0.29663859	0.59274711	0.78702605	
NA	ENSG00000215023	1.02152406	0.03735049	0.38526288	0.41681256	NA	
100996648	ENSG00000215029	0	NA	NA	NA	NA	TCP11X2

NA	ENSG00000215030	1.13537101	-0.03400386	0.38114482	0.61153613	NA	RPL13P12
NA	ENSG00000215032	0	NA	NA	NA	NA	GNL3LP1
NA	ENSG00000215034	0	NA	NA	NA	NA	DSTNP4
NA	ENSG00000215035	0	NA	NA	NA	NA	FDPSP5
NA	ENSG00000215037	0	NA	NA	NA	NA	VENTXP2
678655	ENSG00000215039	152.986009	0.14837393	0.19335169	0.37537089	0.60449338	CD27-AS1
84461	ENSG00000215041	1235.31683	0.09360526	0.07604781	0.20955907	0.4178638	NEURL4
NA	ENSG00000215043	0	NA	NA	NA	NA	GLULP6
392862	ENSG00000215045	47.1513959	0.03102433	0.26197203	0.87335711	0.94441388	GRID2IP
NA	ENSG00000215049	3.6101615	0.09709218	0.39142343	0.29280984	0.51892337	PRDX2P1
NA	ENSG00000215054	0	NA	NA	NA	NA	HNRNPCP10
NA	ENSG00000215057	1.0853586	-0.02650093	0.38204026	0.64386118	NA	PKMP5
NA	ENSG00000215063	0	NA	NA	NA	NA	RPL21P2
NA	ENSG00000215065	1.66487886	0.00283161	0.37683608	0.97179148	NA	DUSP8P1
100506713	ENSG00000215067	40.7555524	0.10339905	0.2710653	0.59788772	0.78954289	ALOX12-AS1
153684	ENSG00000215068	8.91700902	0.70603386	1.2953889	0.01729389	0.06484798	
NA	ENSG00000215070	0.68017423	0.00485055	0.38190717	0.91810992	NA	XRCC6P5
NA	ENSG00000215085	0	NA	NA	NA	NA	GTF3C6P1
NA	ENSG00000215086	0	NA	NA	NA	NA	NPM1P24
NA	ENSG00000215088	0	NA	NA	NA	NA	RPS5P3
NA	ENSG00000215089	0	NA	NA	NA	NA	KRT18P11
NA	ENSG00000215093	0	NA	NA	NA	NA	EEF1A1P29
NA	ENSG00000215094	0	NA	NA	NA	NA	
NA	ENSG00000215096	0	NA	NA	NA	NA	IFITM8P
NA	ENSG00000215097	25.0591861	0.37405244	0.44120286	0.10638997	0.26081514	
NA	ENSG00000215102	0	NA	NA	NA	NA	TERF1P4
NA	ENSG00000215105	223.327004	-0.62582713	0.1775059	0.00010911	0.00082274	TTC3P1
NA	ENSG00000215110	0	NA	NA	NA	NA	UGT2B25P
401507	ENSG00000215112	0	NA	NA	NA	NA	FAM74A1
100132994	ENSG00000215113	1.65320114	0.00123053	0.37908198	0.98652474	NA	CXorf49B
137886	ENSG00000215114	1276.17356	0.02732157	0.08035604	0.72820545	0.87007881	UBXN2B
100130361	ENSG00000215115	0.89591684	-0.03845544	0.3871124	0.33943682	NA	CXorf49
26138	ENSG00000215117	0	NA	NA	NA	NA	LINC00588
NA	ENSG00000215120	0.45103924	-0.02736338	0.38571827	0.56083663	NA	SOCS6P1
NA	ENSG00000215124	0	NA	NA	NA	NA	AMD1P4
644019	ENSG00000215126	151.638017	0.09184431	0.19339809	0.58365387	0.77995982	CBWD6
NA	ENSG00000215127	0	NA	NA	NA	NA	SYT14P1
646174	ENSG00000215131	0	NA	NA	NA	NA	C16orf90

441666	ENSG00000215146	498.964779	-0.52821509	0.12422915	7.51E-06	7.31E-05	
360226	ENSG00000215148	0	NA	NA	NA	NA	PRSS41
NA	ENSG00000215149	0	NA	NA	NA	NA	KRT18P32
NA	ENSG00000215151	0	NA	NA	NA	NA	ABCD1P2
652276	ENSG00000215154	284.72367	0.0992285	0.13418217	0.43011982	0.65577324	
NA	ENSG00000215156	25.8207923	0.60788428	0.5104498	0.03295246	0.10807232	
NA	ENSG00000215158	436.352681	0.4283522	0.14909829	0.00185918	0.010057	
NA	ENSG00000215160	1.13281437	-0.00655196	0.37958718	0.91759201	NA	OR7E122P
100996279	ENSG00000215162	0	NA	NA	NA	NA	LINC00269
NA	ENSG00000215165	7.94174874	-0.05592762	0.35066162	0.71223368	0.86168158	TCEA1P3
NA	ENSG00000215168	0	NA	NA	NA	NA	ATXN7L3P1
286430	ENSG00000215174	0	NA	NA	NA	NA	NLRP2B
NA	ENSG00000215177	0	NA	NA	NA	NA	IGLV8OR8-1
NA	ENSG00000215179	0	NA	NA	NA	NA	MAPK6P4
4586	ENSG00000215182	0	NA	NA	NA	NA	MUC5AC
692094	ENSG00000215183	0.34624801	-0.02356563	0.38536324	0.65270996	NA	MSMP
NA	ENSG00000215184	0	NA	NA	NA	NA	RPS12P16
55889	ENSG00000215186	1.50428714	0.07583353	0.39216036	0.19117802	NA	GOLGA6B
730112	ENSG00000215187	0.84867351	-0.01149317	0.38094199	0.83855243	NA	FAM166B
728411	ENSG00000215190	396.373189	0.12054041	0.12681792	0.31426311	0.54212505	LINC00680
55670	ENSG00000215193	1476.47037	-0.17375207	0.09791719	0.06559402	0.18295872	PEX26
NA	ENSG00000215196	1.18789347	0.00727652	0.3795259	0.9095914	NA	BASP1-AS1
NA	ENSG00000215197	0	NA	NA	NA	NA	PGAM4P1
NA	ENSG00000215198	1.08434987	-0.02504966	0.38102203	0.68648595	NA	
NA	ENSG00000215199	0	NA	NA	NA	NA	YWHAZP6
389207	ENSG00000215203	0.173124	-0.01911262	0.38486262	0.84537521	NA	GRXCR1
NA	ENSG00000215206	0	NA	NA	NA	NA	TRBV24OR9-2
NA	ENSG00000215208	0	NA	NA	NA	NA	KRT18P60
NA	ENSG00000215210	0	NA	NA	NA	NA	RBMXP2
134121	ENSG00000215217	1.99972096	-0.03590766	0.37898781	0.64149781	NA	C5orf49
134111	ENSG00000215218	186.371687	1.16374168	0.18399946	2.72E-11	5.53E-10	UBE2QL1
NA	ENSG00000215221	0.34212501	0.00303883	0.38339218	0.95867139	NA	UBA52P6
NA	ENSG00000215223	0	NA	NA	NA	NA	CYP51A1P3
NA	ENSG00000215227	0	NA	NA	NA	NA	NUTF2P5
NA	ENSG00000215231	0	NA	NA	NA	NA	LINC01020
NA	ENSG00000215236	0	NA	NA	NA	NA	RPL7P33
NA	ENSG00000215237	1.7781983	0.01178458	0.37700959	0.87938015	NA	
101927905	ENSG00000215241	8.4043027	0.22937079	0.45035567	0.1145739	0.27548308	LINC02449

399715	ENSG00000215244	2.22567018	-0.02734668	0.3747338	0.7615274	NA	LINC02649
100506688	ENSG00000215246	4.38218518	-0.01269459	0.3639852	0.91340514	0.96311427	
60493	ENSG00000215251	496.838133	-0.31806705	0.11979734	0.00501926	0.02329407	FASTKD5
440270	ENSG00000215252	2312.39779	0.04719455	0.08792249	0.60412761	0.79429369	GOLGA8B
55449	ENSG00000215256	349.458936	-0.19842699	0.1510529	0.15171823	0.33572269	DHRS4-AS1
157855	ENSG00000215262	0	NA	NA	NA	NA	KCNU1
NA	ENSG00000215263	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000215264	0	NA	NA	NA	NA	RPL10AP3
NA	ENSG00000215267	0	NA	NA	NA	NA	AKR1C7P
NA	ENSG00000215268	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000215270	70.761601	0.58587027	0.30728808	0.01302926	0.05151466	TOMM40P2
57594	ENSG00000215271	266.175833	0.01601676	0.18929409	0.92652508	0.96932621	HOMEZ
102724473	ENSG00000215274	0	NA	NA	NA	NA	GAGE10
100507650	ENSG00000215277	0	NA	NA	NA	NA	RNF212B
NA	ENSG00000215278	0	NA	NA	NA	NA	RPS7P6
NA	ENSG00000215283	2.54244931	0.12025979	0.40216205	0.18066164	NA	HMGB3P24
NA	ENSG00000215284	0	NA	NA	NA	NA	CHMP5P1
NA	ENSG00000215286	0	NA	NA	NA	NA	SRSF6P1
NA	ENSG00000215288	0	NA	NA	NA	NA	
NA	ENSG00000215296	0	NA	NA	NA	NA	TMCO5B
NA	ENSG00000215297	0	NA	NA	NA	NA	
1654	ENSG00000215301	8833.96739	0.01383785	0.07996328	0.86090232	0.9380757	DDX3X
NA	ENSG00000215302	70.7489008	0.482249	0.2893753	0.02989401	0.10005012	
NA	ENSG00000215304	25.8961171	0.37270129	0.40880004	0.11053592	0.26806413	
64601	ENSG00000215305	1435.76967	0.08034763	0.0763632	0.28321845	0.50832767	VPS16
NA	ENSG00000215310	0	NA	NA	NA	NA	
NA	ENSG00000215311	0	NA	NA	NA	NA	NPM1P12
NA	ENSG00000215313	0	NA	NA	NA	NA	RPL6P30
NA	ENSG00000215317	0	NA	NA	NA	NA	THUMPD1P1
NA	ENSG00000215319	0	NA	NA	NA	NA	EIF5P1
NA	ENSG00000215325	0.173124	-0.01911262	0.38486262	0.84537521	NA	ASS1P10
NA	ENSG00000215326	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GPX1P2
NA	ENSG00000215333	0	NA	NA	NA	NA	KRT18P23
NA	ENSG00000215339	0	NA	NA	NA	NA	ZNF705CP
728957	ENSG00000215343	0	NA	NA	NA	NA	ZNF705D
NA	ENSG00000215347	4.14286591	-0.0400297	0.36863918	0.72391651	0.86794586	SLC25A5P1
NA	ENSG00000215349	0	NA	NA	NA	NA	MRPL3P1
NA	ENSG00000215351	0	NA	NA	NA	NA	PPIAP1

NA	ENSG00000215353	0	NA	NA	NA	NA	C1QBPP1
NA	ENSG00000215354	0.16735865	0.01897177	0.38482933	0.78225479	NA	FAM90A24P
100132396	ENSG00000215356	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ZNF705B
NA	ENSG00000215357	0	NA	NA	NA	NA	HSPD1P8
100379220	ENSG00000215367	0	NA	NA	NA	NA	TMED11P
NA	ENSG00000215368	0	NA	NA	NA	NA	BOD1P2
NA	ENSG00000215369	0	NA	NA	NA	NA	RPL37P3
NA	ENSG00000215371	0	NA	NA	NA	NA	DEFB108C
100131980	ENSG00000215372	0.173733	0.01914545	0.38484597	0.78225479	NA	ZNF705G
NA	ENSG00000215373	0	NA	NA	NA	NA	FAM90A5P
NA	ENSG00000215374	11.7615666	0.06511074	0.34167082	0.69600386	0.8531799	FAM66B
4636	ENSG00000215375	127.286358	0.35485309	0.21748154	0.05259429	0.15474873	MYL5
170949	ENSG00000215378	0	NA	NA	NA	NA	DEFT1P
100287083	ENSG00000215378	0	NA	NA	NA	NA	DEFT1P
NA	ENSG00000215380	0	NA	NA	NA	NA	
NA	ENSG00000215381	0	NA	NA	NA	NA	
NA	ENSG00000215386	308.320114	0.35446317	0.15405328	0.01200943	0.04828105	MIR99AHG
NA	ENSG00000215388	3.89116872	-0.13553768	0.39965519	0.24270675	0.46101503	ACTG1P3
85508	ENSG00000215397	392.197149	-2.33808614	0.14295662	2.59E-61	3.49E-59	SCRT2
NA	ENSG00000215398	0	NA	NA	NA	NA	
NA	ENSG00000215399	0.16735865	0.01897177	0.38482933	0.78225479	NA	HMGB3P7
100506241	ENSG00000215403	0	NA	NA	NA	NA	
NA	ENSG00000215409	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000215414	0	NA	NA	NA	NA	PSMA6P1
407975	ENSG00000215417	152.116571	0.31870037	0.18412745	0.04938837	0.14766919	MIR17HG
NA	ENSG00000215418	0	NA	NA	NA	NA	PEX12P1
55628	ENSG00000215421	404.954755	-0.09267811	0.1153434	0.39865674	0.62756224	ZNF407
114044	ENSG00000215424	511.11691	-0.07181428	0.11103347	0.49837593	0.71619429	MCM3AP-AS1
79716	ENSG00000215440	308.410488	1.10359231	0.19805805	2.59E-09	4.20E-08	NPEPL1
NA	ENSG00000215441	0	NA	NA	NA	NA	CTAGE12P
NA	ENSG00000215444	0	NA	NA	NA	NA	
NA	ENSG00000215448	0	NA	NA	NA	NA	SRMP1
NA	ENSG00000215450	0	NA	NA	NA	NA	
NA	ENSG00000215452	2.85587856	-0.13955806	0.41152154	0.10494267	0.25822431	ZNF663P
386672	ENSG00000215454	0	NA	NA	NA	NA	KRTAP10-4
386677	ENSG00000215455	0	NA	NA	NA	NA	KRTAP10-1
NA	ENSG00000215456	0	NA	NA	NA	NA	BCRP4
NA	ENSG00000215457	0	NA	NA	NA	NA	RPS8P3

284837	ENSG00000215458	2.28862127	0.08921451	0.38930804	0.31301734	NA	AATBC
NA	ENSG00000215464	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000215467	0	NA	NA	NA	NA	RPL27AP
100526842	ENSG00000215472	527.747042	-0.37511981	0.12301915	0.00125746	0.00719638	RPL17-C18orf32
652991	ENSG00000215474	0.45209736	-0.02505403	0.38558831	0.57865948	NA	SKOR2
283514	ENSG00000215475	7.81519494	0.02461417	0.35157863	0.86720091	0.94172228	SIAH3
NA	ENSG00000215477	0	NA	NA	NA	NA	RCN1P1
NA	ENSG00000215478	2.82331881	0.04878227	0.37496469	0.62937002	0.81240737	CES5AP1
NA	ENSG00000215480	0	NA	NA	NA	NA	OR7E37P
NA	ENSG00000215481	32.6155171	1.43847067	0.54260549	0.00045013	0.00294639	BCRP3
NA	ENSG00000215482	0.16735865	0.01897177	0.38482933	0.78225479	NA	CALM2P3
400123	ENSG00000215483	0.89366342	0.01993227	0.38138215	0.72520142	NA	LINC00598
646982	ENSG00000215483	0.89366342	0.01993227	0.38138215	0.72520142	NA	LINC00598
NA	ENSG00000215486	0	NA	NA	NA	NA	ARL2BPP3
NA	ENSG00000215492	8.58498044	-0.11176051	0.36647267	0.46466444	0.68746767	HNRNPA1P7
NA	ENSG00000215493	42.7657751	-0.16357742	0.27686478	0.41105995	0.63868974	
642633	ENSG00000215498	1.05411307	0.02191026	0.38272245	0.65690483	NA	FAM230B
NA	ENSG00000215506	0	NA	NA	NA	NA	TPTE2P4
NA	ENSG00000215512	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000215515	1.88049103	-0.00286	0.37460839	0.97224018	NA	IFIT1P1
NA	ENSG00000215520	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPS4XP4
388795	ENSG00000215529	1.41362842	-0.05701801	0.3892164	0.23200329	NA	EFCAB8
193629	ENSG00000215533	1.39660999	0.09583482	0.40036792	0.08016837	NA	LINC00189
NA	ENSG00000215537	0	NA	NA	NA	NA	ZNF736P11Y
NA	ENSG00000215544	0.87976259	0.04953635	0.38858998	0.26382368	NA	BCRP7
245930	ENSG00000215545	0	NA	NA	NA	NA	DEFB116
NA	ENSG00000215546	0	NA	NA	NA	NA	DKKL1P1
245929	ENSG00000215547	0	NA	NA	NA	NA	DEFB115
NA	ENSG00000215548	41.7358524	0.00979811	0.26830647	0.96107498	0.98419142	FRG1JP
NA	ENSG00000215553	0	NA	NA	NA	NA	KRT18P3
391267	ENSG00000215559	52.4209059	0.09638555	0.26444452	0.62036617	0.80624033	ANKRD20A11P
83863	ENSG00000215560	0	NA	NA	NA	NA	TTY5
NA	ENSG00000215562	0	NA	NA	NA	NA	CNN2P7
NA	ENSG00000215567	0	NA	NA	NA	NA	
128954	ENSG00000215568	0	NA	NA	NA	NA	GAB4
NA	ENSG00000215571	0	NA	NA	NA	NA	GRK6P1
NA	ENSG00000215572	0.37844916	0.02407552	0.3854191	0.60038877	NA	ESRRAP1
286554	ENSG00000215580	0	NA	NA	NA	NA	BCORP1

NA	ENSG00000215583	0	NA	NA	NA	NA	ASS1P6
NA	ENSG00000215586	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000215589	0.32258223	-0.02325496	0.3853188	0.66955423	NA	KANK1P1
400831	ENSG00000215595	1.71552169	0.10418925	0.40064253	0.11967258	NA	C20orf202
NA	ENSG00000215601	0	NA	NA	NA	NA	TSPY24P
NA	ENSG00000215603	0	NA	NA	NA	NA	ZNF92P1Y
NA	ENSG00000215604	0	NA	NA	NA	NA	ZNF962P
NA	ENSG00000215606	0	NA	NA	NA	NA	KRT18P35
3166	ENSG00000215612	352.640864	-1.3007418	0.16004094	4.33E-17	1.35E-15	HMX1
NA	ENSG00000215630	170.743059	0.42589959	0.18640838	0.00981215	0.04086329	GUSBP9
2642	ENSG00000215644	7.26148169	3.04692572	1.4290027	0.00141748	0.00798717	GCGR
NA	ENSG00000215692	3.94573101	-0.02880153	0.37164719	0.77422344	0.89604057	
6248	ENSG00000215695	60.7957539	-0.31063157	0.26801024	0.12922154	0.3006985	RSC1A1
51032	ENSG00000215704	0	NA	NA	NA	NA	CELA2B
729515	ENSG00000215712	205.306782	0.0775444	0.15492023	0.58546245	0.78135175	TMEM242
56900	ENSG00000215717	374.131479	-0.06328137	0.12562276	0.59319033	0.78711401	TMEM167B
NA	ENSG00000215720	0.16735865	0.01897177	0.38482933	0.78225479	NA	MFFP1
NA	ENSG00000215734	0	NA	NA	NA	NA	MRPL20P1
NA	ENSG00000215760	0	NA	NA	NA	NA	TAF9BP2
NA	ENSG00000215765	0	NA	NA	NA	NA	
109286553	ENSG00000215769	216.822782	-0.01651458	0.15174479	0.90466949	0.95823316	P27P1-BPTFP1-KPNA2P3
NA	ENSG00000215771	0	NA	NA	NA	NA	LRRC37A14P
728833	ENSG00000215784	356.623787	-0.36051632	0.12803041	0.0027576	0.01410435	FAM72D
NA	ENSG00000215785	0.18922458	0.01954053	0.38488496	0.78225479	NA	CFL1P6
8718	ENSG00000215788	685.529058	0.40463904	0.10034805	2.87E-05	0.00024864	TNFRSF25
9906	ENSG00000215790	461.641447	-0.09816768	0.11681119	0.37651325	0.60544844	SLC35E2A
NA	ENSG00000215795	1.38939472	0.06219495	0.38558464	0.38545127	NA	
NA	ENSG00000215796	3.4821216	0.08476594	0.3806662	0.44370207	0.66872145	
NA	ENSG00000215800	0	NA	NA	NA	NA	RSL24D1P4
NA	ENSG00000215802	0	NA	NA	NA	NA	RFKP1
NA	ENSG00000215805	0.50800477	0.03076196	0.38601821	0.48318662	NA	
NA	ENSG00000215807	0	NA	NA	NA	NA	KRT18P65
339535	ENSG00000215808	2.06390512	-0.06260221	0.38330054	0.43557986	NA	LINC01139
NA	ENSG00000215811	0.52119901	0.02576573	0.38568143	0.51723676	NA	BTNL10
NA	ENSG00000215812	0.173124	-0.01911262	0.38486262	0.84537521	NA	ZNF847P
643136	ENSG00000215817	1.83614433	-0.03019137	0.37786471	0.70498839	NA	ZC3H11B
NA	ENSG00000215819	0	NA	NA	NA	NA	KRT18P12
NA	ENSG00000215833	0	NA	NA	NA	NA	QRSL1P1

116123	ENSG00000215834	0	NA	NA	NA	NA	FMO9P
NA	ENSG00000215835	0	NA	NA	NA	NA	
NA	ENSG00000215837	99.3153088	0.7504218	0.28655626	0.00147306	0.00825345	SDHAP2
440700	ENSG00000215838	1.19528713	-0.00735224	0.37856065	0.91452091	NA	
NA	ENSG00000215840	2.44085616	-0.02624511	0.37481935	0.77024747	NA	
NA	ENSG00000215841	0	NA	NA	NA	NA	
100131187	ENSG00000215845	174.191736	0.0022967	0.17182069	0.98923139	0.99604194	TSTD1
NA	ENSG00000215846	0	NA	NA	NA	NA	MPTX1
126638	ENSG00000215853	0	NA	NA	NA	NA	RPTN
NA	ENSG00000215859	8.53544453	-0.16334617	0.38830299	0.29777768	0.52444821	PDZK1P1
NA	ENSG00000215861	0	NA	NA	NA	NA	
343505	ENSG00000215864	0	NA	NA	NA	NA	NBPF7
100996702	ENSG00000215866	12.0873988	0.15536359	0.37458239	0.35142826	0.58156116	LINC01356
NA	ENSG00000215867	0	NA	NA	NA	NA	KRT18P57
100129138	ENSG00000215869	0	NA	NA	NA	NA	
NA	ENSG00000215871	0	NA	NA	NA	NA	
NA	ENSG00000215873	0	NA	NA	NA	NA	FEN1P1
NA	ENSG00000215874	0	NA	NA	NA	NA	CAPNS1P1
NA	ENSG00000215875	4.21928322	0.02754855	0.36550706	0.8173839	0.91683043	ST13P20
NA	ENSG00000215878	0	NA	NA	NA	NA	MARCKSL1P2
105370369	ENSG00000215881	0	NA	NA	NA	NA	LINC02337
606495	ENSG00000215883	442.961435	0.07721338	0.12494019	0.51392229	0.72910576	CYB5RL
NA	ENSG00000215887	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ZNF859P
NA	ENSG00000215893	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL23AP17
NA	ENSG00000215895	0	NA	NA	NA	NA	HSPA5P1
NA	ENSG00000215899	0	NA	NA	NA	NA	
NA	ENSG00000215900	0	NA	NA	NA	NA	SELENOWP1
NA	ENSG00000215905	0	NA	NA	NA	NA	
646262	ENSG00000215906	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LACTBL1
84809	ENSG00000215908	1384.52649	0.15990534	0.07716642	0.03428467	0.11160095	CROCCP2
NA	ENSG00000215909	0	NA	NA	NA	NA	BRWD1P1
284498	ENSG00000215910	0.30139824	-0.02296476	0.38527817	0.68536535	NA	C1orf167
100287898	ENSG00000215912	31.8369345	0.40853617	0.38908086	0.08816538	0.22693321	TTC34
NA	ENSG00000215914	1.15870974	-0.06238404	0.39108797	0.18690653	NA	MMP23A
219293	ENSG00000215915	34.5617032	-0.49699573	0.40709215	0.05044067	0.14992403	ATAD3C
100126331	ENSG00000215930	0	NA	NA	NA	NA	MIR942
100126346	ENSG00000215938	0	NA	NA	NA	NA	MIR190B
100126316	ENSG00000215939	0	NA	NA	NA	NA	MIR873

100126342	ENSG00000215943	0	NA	NA	NA	NA	MIR892A
100126349	ENSG00000215952	0	NA	NA	NA	NA	MIR921
100126297	ENSG00000215957	0	NA	NA	NA	NA	MIR300
100126354	ENSG00000215961	0	NA	NA	NA	NA	MIR297
100126310	ENSG00000215966	0	NA	NA	NA	NA	MIR876
100126350	ENSG00000215973	0	NA	NA	NA	NA	MIR933
100126336	ENSG00000215991	0	NA	NA	NA	NA	MIR208B
100126302	ENSG00000216001	0	NA	NA	NA	NA	MIR450B
100126306	ENSG00000216005	0	NA	NA	NA	NA	MIR888
100126343	ENSG00000216009	0	NA	NA	NA	NA	MIR874
100126296	ENSG00000216031	0	NA	NA	NA	NA	MIR298
100126327	ENSG00000216035	0	NA	NA	NA	NA	MIR938
100126341	ENSG00000216056	0	NA	NA	NA	NA	MIR891A
100126340	ENSG00000216058	0	NA	NA	NA	NA	MIR944
100126324	ENSG00000216060	0	NA	NA	NA	NA	MIR934
100126304	ENSG00000216064	0	NA	NA	NA	NA	MIR891B
100126309	ENSG00000216069	0	NA	NA	NA	NA	MIR875
100126303	ENSG00000216075	0	NA	NA	NA	NA	MIR890
100126347	ENSG00000216077	0	NA	NA	NA	NA	MIR887
100126307	ENSG00000216098	0	NA	NA	NA	NA	MIR892B
100126345	ENSG00000216099	0	NA	NA	NA	NA	MIR889
100126314	ENSG00000216101	0	NA	NA	NA	NA	MIR877
100126334	ENSG00000216135	0	NA	NA	NA	NA	MIR885
100126339	ENSG00000216141	0	NA	NA	NA	NA	MIR941-2
100302114	ENSG00000216171	0	NA	NA	NA	NA	MIR513C
100126308	ENSG00000216179	0	NA	NA	NA	NA	MIR541
103504737	ENSG00000216191	0	NA	NA	NA	NA	MIR8485
100126320	ENSG00000216192	0	NA	NA	NA	NA	MIR920
NA	ENSG00000216265	0	NA	NA	NA	NA	FABP12P1
NA	ENSG00000216285	0.16735865	0.01897177	0.38482933	0.78225479	NA	
160313	ENSG00000216306	0	NA	NA	NA	NA	KRT19P2
NA	ENSG00000216307	0	NA	NA	NA	NA	
NA	ENSG00000216316	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000216324	0	NA	NA	NA	NA	
NA	ENSG00000216331	0.15069912	-0.01848503	0.38480575	0.84537521	NA	H1-12P
NA	ENSG00000216347	0	NA	NA	NA	NA	RPL10P10
NA	ENSG00000216352	0	NA	NA	NA	NA	
NA	ENSG00000216359	0	NA	NA	NA	NA	

NA	ENSG00000216360	1.6134449	-0.01296272	0.3780556	0.85765896	NA	
NA	ENSG00000216364	0	NA	NA	NA	NA	MRPL42P2
NA	ENSG00000216365	0	NA	NA	NA	NA	RPL37P15
NA	ENSG00000216368	0	NA	NA	NA	NA	
NA	ENSG00000216378	0	NA	NA	NA	NA	
NA	ENSG00000216412	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL12P2
NA	ENSG00000216425	0	NA	NA	NA	NA	PIMREGP2
NA	ENSG00000216436	0	NA	NA	NA	NA	H2AC2P
NA	ENSG00000216439	0	NA	NA	NA	NA	DUTP5
NA	ENSG00000216444	0	NA	NA	NA	NA	RAET1M
NA	ENSG00000216471	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPSAP43
NA	ENSG00000216475	0	NA	NA	NA	NA	
NA	ENSG00000216480	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
10437	ENSG00000216490	71.8731021	0.23079253	0.28837163	0.26274778	0.48478712	IFI30
NA	ENSG00000216516	0	NA	NA	NA	NA	
NA	ENSG00000216518	0	NA	NA	NA	NA	EEF1GP6
NA	ENSG00000216519	0	NA	NA	NA	NA	
NA	ENSG00000216523	0	NA	NA	NA	NA	
NA	ENSG00000216548	0	NA	NA	NA	NA	
NA	ENSG00000216560	0.55204536	-0.03285021	0.38624163	0.4747674	NA	LINC00955
147710	ENSG00000216588	0	NA	NA	NA	NA	IGSF23
NA	ENSG00000216613	0	NA	NA	NA	NA	
NA	ENSG00000216616	0	NA	NA	NA	NA	
105378052	ENSG00000216621	0	NA	NA	NA	NA	
NA	ENSG00000216624	0	NA	NA	NA	NA	GAPDHP72
NA	ENSG00000216629	0	NA	NA	NA	NA	OR2W4P
NA	ENSG00000216636	0.32356082	-0.02326285	0.38532	0.66898875	NA	RPL7P25
NA	ENSG00000216639	2.25469978	0.04659599	0.37882602	0.58867105	NA	
NA	ENSG00000216642	0	NA	NA	NA	NA	
729431	ENSG00000216649	0	NA	NA	NA	NA	GAGE12E
NA	ENSG00000216657	0.16735865	0.01897177	0.38482933	0.78225479	NA	GLRX3P2
NA	ENSG00000216663	0	NA	NA	NA	NA	
NA	ENSG00000216671	0	NA	NA	NA	NA	CCNYL3
NA	ENSG00000216676	0	NA	NA	NA	NA	RPL8P1
NA	ENSG00000216687	0.52447023	0.03156791	0.38609757	0.47125001	NA	
NA	ENSG00000216708	0	NA	NA	NA	NA	CIR1P3
NA	ENSG00000216710	0	NA	NA	NA	NA	COX6A1P3
NA	ENSG00000216713	0	NA	NA	NA	NA	MTND4P13

NA	ENSG00000216718	0	NA	NA	NA	NA	
NA	ENSG00000216721	0	NA	NA	NA	NA	
NA	ENSG00000216723	0.88471814	0.04011137	0.38505365	0.43126485	NA	NUDT19P3
NA	ENSG00000216740	0	NA	NA	NA	NA	ANXA2P3
NA	ENSG00000216753	0	NA	NA	NA	NA	HMGA1P7
NA	ENSG00000216754	0	NA	NA	NA	NA	
NA	ENSG00000216762	0	NA	NA	NA	NA	VN1R13P
730101	ENSG00000216775	761.690256	-0.25895315	0.12650398	0.02961491	0.09932622	
NA	ENSG00000216777	0	NA	NA	NA	NA	PRRC2CP1
NA	ENSG00000216781	0	NA	NA	NA	NA	
NA	ENSG00000216802	0	NA	NA	NA	NA	
NA	ENSG00000216809	6.63446133	-0.01882492	0.35530275	0.88921874	0.95177491	
NA	ENSG00000216811	0	NA	NA	NA	NA	
NA	ENSG00000216813	0	NA	NA	NA	NA	
NA	ENSG00000216817	0	NA	NA	NA	NA	R3HDM2P2
NA	ENSG00000216819	1.10520193	-0.02636999	0.38214116	0.64047329	NA	TUBB2BP1
NA	ENSG00000216824	0	NA	NA	NA	NA	ZNF736P10Y
NA	ENSG00000216829	0	NA	NA	NA	NA	FGF7P4
NA	ENSG00000216835	0	NA	NA	NA	NA	RBMXP1
NA	ENSG00000216844	0	NA	NA	NA	NA	
NA	ENSG00000216853	0	NA	NA	NA	NA	MTCYBP36
NA	ENSG00000216854	0	NA	NA	NA	NA	RPL17P26
NA	ENSG00000216859	0	NA	NA	NA	NA	DHFRP5
285780	ENSG00000216863	0.60279648	-0.02752712	0.38588313	0.49730371	NA	LY86-AS1
NA	ENSG00000216866	2.82874106	-0.02422852	0.37387866	0.79264229	0.90514695	RPS2P55
NA	ENSG00000216867	4.11715032	0.00497455	0.3685205	0.96509933	0.98622874	RPL22P12
100506302	ENSG00000216895	44.1196346	0.26786846	0.29891675	0.2038181	0.41028318	
NA	ENSG00000216901	0.55358119	0.03297361	0.3862425	0.45093601	NA	ZNF603P
NA	ENSG00000216902	0	NA	NA	NA	NA	
NA	ENSG00000216904	0	NA	NA	NA	NA	SOCS5P5
NA	ENSG00000216906	3.67687678	-0.0140044	0.36629331	0.89996148	0.95573896	
NA	ENSG00000216913	0	NA	NA	NA	NA	
NA	ENSG00000216915	4.66287691	-0.03259013	0.3681573	0.77027785	0.89464422	GPR89P
NA	ENSG00000216917	0	NA	NA	NA	NA	
285095	ENSG00000216921	0	NA	NA	NA	NA	FAM240C
79741	ENSG00000216937	59.6934489	0.04652329	0.26292362	0.80909524	0.91334153	CCDC7
NA	ENSG00000216938	0	NA	NA	NA	NA	RPL7P58
NA	ENSG00000216966	0	NA	NA	NA	NA	

NA	ENSG00000216977	1.05049561	0.07487801	0.39380527	0.14953923	NA	RPL21P65
NA	ENSG00000216990	0.65261538	0.00428339	0.38251133	0.9192028	NA	HSPD1P10
NA	ENSG00000216998	0	NA	NA	NA	NA	CYP2AC1P
NA	ENSG00000217004	0	NA	NA	NA	NA	
NA	ENSG00000217026	0.51646628	0.03117823	0.38605898	0.47697493	NA	RPL10P1
NA	ENSG00000217027	0.173733	0.01914545	0.38484597	0.78225479	NA	TPT1P4
NA	ENSG00000217030	0.47055672	-0.00685577	0.38321005	0.87339215	NA	
NA	ENSG00000217041	0	NA	NA	NA	NA	
NA	ENSG00000217044	0	NA	NA	NA	NA	MTCO3P31
NA	ENSG00000217060	0	NA	NA	NA	NA	
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NA	ENSG00000217078	0	NA	NA	NA	NA	
NA	ENSG00000217083	0	NA	NA	NA	NA	MTCO2P33
NA	ENSG00000217085	0	NA	NA	NA	NA	HMGB3P19
NA	ENSG00000217089	0	NA	NA	NA	NA	RPS29P13
NA	ENSG00000217094	0.34624801	-0.02356563	0.38536324	0.65270996	NA	PPIAP31
NA	ENSG00000217120	0	NA	NA	NA	NA	
96459	ENSG00000217128	376.315027	-0.25266907	0.12591159	0.03300383	0.1081771	FNIP1
NA	ENSG00000217130	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000217135	0	NA	NA	NA	NA	
NA	ENSG00000217139	0	NA	NA	NA	NA	
NA	ENSG00000217159	0.7962167	-0.03601432	0.38378766	0.50853159	NA	LARP1P1
NA	ENSG00000217160	0	NA	NA	NA	NA	MTCO2P31
NA	ENSG00000217165	122.283799	0.03329355	0.1901379	0.84165578	0.92800104	ANKRD18EP
NA	ENSG00000217169	0	NA	NA	NA	NA	MTHFD2P2
NA	ENSG00000217178	0	NA	NA	NA	NA	
NA	ENSG00000217179	0	NA	NA	NA	NA	MTCYBP2
NA	ENSG00000217181	0.86544337	0.01264277	0.38162063	0.80763127	NA	
NA	ENSG00000217195	0	NA	NA	NA	NA	
NA	ENSG00000217227	0	NA	NA	NA	NA	TFGP1
NA	ENSG00000217228	0	NA	NA	NA	NA	GSTA12P
NA	ENSG00000217231	0	NA	NA	NA	NA	
100131390	ENSG00000217236	0	NA	NA	NA	NA	SP9
NA	ENSG00000217239	0	NA	NA	NA	NA	
NA	ENSG00000217241	1.56139271	0.04740664	0.38178937	0.52433301	NA	CBX3P9
NA	ENSG00000217261	0	NA	NA	NA	NA	POM121L4P
NA	ENSG00000217268	0	NA	NA	NA	NA	TXNP7
NA	ENSG00000217272	0	NA	NA	NA	NA	RAB1AP2

NA	ENSG00000217275	2.07342903	-0.08401142	0.3916968	0.25126885	NA	
NA	ENSG00000217289	0	NA	NA	NA	NA	
NA	ENSG00000217314	0	NA	NA	NA	NA	UQCRFS1P3
NA	ENSG00000217315	0	NA	NA	NA	NA	OR2W2P
NA	ENSG00000217325	0.77930636	-0.05579178	0.38936192	0.27749971	NA	PRELID1P1
NA	ENSG00000217327	0	NA	NA	NA	NA	RPS7P5
NA	ENSG00000217330	0	NA	NA	NA	NA	SSXP10
NA	ENSG00000217331	0	NA	NA	NA	NA	
NA	ENSG00000217334	0	NA	NA	NA	NA	
NA	ENSG00000217372	0	NA	NA	NA	NA	TUBB4BP7
NA	ENSG00000217377	0	NA	NA	NA	NA	AK4P5
NA	ENSG00000217379	0	NA	NA	NA	NA	
NA	ENSG00000217385	0	NA	NA	NA	NA	PSMC1P11
NA	ENSG00000217404	0	NA	NA	NA	NA	RPS4XP9
NA	ENSG00000217408	0	NA	NA	NA	NA	PRELID1P2
NA	ENSG00000217414	0	NA	NA	NA	NA	DDX18P3
NA	ENSG00000217416	0	NA	NA	NA	NA	ISCA1P1
644186	ENSG00000217442	4.73292387	0.14739866	0.40158596	0.23987039	0.4579071	SYCE3
NA	ENSG00000217447	5.15870146	-0.08284257	0.37401847	0.5037185	0.72032399	
NA	ENSG00000217455	0	NA	NA	NA	NA	
NA	ENSG00000217477	0	NA	NA	NA	NA	
NA	ENSG00000217482	0	NA	NA	NA	NA	HMGB1P17
NA	ENSG00000217483	0	NA	NA	NA	NA	
NA	ENSG00000217488	0	NA	NA	NA	NA	
NA	ENSG00000217495	0	NA	NA	NA	NA	
NA	ENSG00000217512	0.31840912	0.00134736	0.38336834	0.96416911	NA	
NA	ENSG00000217514	0	NA	NA	NA	NA	
NA	ENSG00000217527	0	NA	NA	NA	NA	RPS16P5
NA	ENSG00000217539	0.173124	-0.01911262	0.38486262	0.84537521	NA	IQCB2P
51192	ENSG00000217555	376.15948	0.08866544	0.12288736	0.44684421	0.67093544	CKLF
NA	ENSG00000217557	0	NA	NA	NA	NA	
NA	ENSG00000217566	0.50263983	0.01201925	0.38340946	0.77180889	NA	TDGF1P4
NA	ENSG00000217576	0	NA	NA	NA	NA	
NA	ENSG00000217585	0	NA	NA	NA	NA	MDH1P2
NA	ENSG00000217612	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000217624	0.31717148	0.00152207	0.38337002	0.9632689	NA	YWHAZP10
NA	ENSG00000217631	0	NA	NA	NA	NA	
NA	ENSG00000217643	0.68054822	0.00378461	0.38129864	0.94096209	NA	PTGES3P2

NA	ENSG00000217644	0	NA	NA	NA	NA	
NA	ENSG00000217646	0.45005284	-0.02731525	0.38571434	0.56165085	NA	H2BC16P
NA	ENSG00000217648	24.229422	0.08284647	0.31798941	0.65771525	0.83026251	
NA	ENSG00000217653	0.18922458	0.01954053	0.38488496	0.78225479	NA	PIMREGP3
NA	ENSG00000217680	0	NA	NA	NA	NA	UBE2V1P15
NA	ENSG00000217684	0	NA	NA	NA	NA	RPS3AP24
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NA	ENSG00000217702	0	NA	NA	NA	NA	
NA	ENSG00000217707	0	NA	NA	NA	NA	SERPINB8P1
NA	ENSG00000217716	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPS10P3
NA	ENSG00000217718	0	NA	NA	NA	NA	NDUFB4P4
NA	ENSG00000217733	0.52927395	0.01289467	0.38340413	0.75406451	NA	CCT7P1
NA	ENSG00000217746	0	NA	NA	NA	NA	
NA	ENSG00000217767	0.18922458	0.01954053	0.38488496	0.78225479	NA	NDUFAB1P1
NA	ENSG00000217769	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000217770	0	NA	NA	NA	NA	FEM1AP3
NA	ENSG00000217776	0	NA	NA	NA	NA	
NA	ENSG00000217783	0.47031663	-0.00724891	0.38322842	0.8678452	NA	LDHAL6FP
NA	ENSG00000217786	0	NA	NA	NA	NA	
NA	ENSG00000217791	0	NA	NA	NA	NA	ASS1P9
100288175	ENSG00000217801	0.80281899	-0.02852996	0.38352083	0.55099016	NA	
NA	ENSG00000217805	0	NA	NA	NA	NA	
NA	ENSG00000217809	0	NA	NA	NA	NA	FAT1P1
NA	ENSG00000217811	0	NA	NA	NA	NA	HNRNPDP2
NA	ENSG00000217824	0	NA	NA	NA	NA	SNRPEP6
NA	ENSG00000217825	0	NA	NA	NA	NA	
NA	ENSG00000217835	0	NA	NA	NA	NA	RBMXP5
NA	ENSG00000217862	0.18922458	0.01954053	0.38488496	0.78225479	NA	H4C10P
NA	ENSG00000217874	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR4F7P
NA	ENSG00000217878	0	NA	NA	NA	NA	
NA	ENSG00000217889	0.36301913	0.02389522	0.38539247	0.6099346	NA	KRT18P48
NA	ENSG00000217896	0	NA	NA	NA	NA	ZNF839P1
NA	ENSG00000217897	0	NA	NA	NA	NA	HSPE1P8
NA	ENSG00000217929	0.47332114	-0.00784195	0.38324917	0.85858079	NA	CICP18
51025	ENSG00000217930	310.924695	-0.09758454	0.13966456	0.45217604	0.67536839	PAM16
NA	ENSG00000217950	0	NA	NA	NA	NA	NOC2LP2
NA	ENSG00000218014	0	NA	NA	NA	NA	KRT19P1
NA	ENSG00000218016	0.64089481	-0.02493598	0.3829378	0.63895518	NA	ZNF192P2

100291105	ENSG00000218018	8.89811663	0.01552414	0.35770139	0.90740975	0.95963244	RBM38-AS1	
	NA	ENSG00000218020	0	NA	NA	NA	THAP12P5	
	NA	ENSG00000218027	0	NA	NA	NA		
	NA	ENSG00000218029	0	NA	NA	NA		
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	NA	ENSG00000218049	0	NA	NA	NA	RPL31P33	
	NA	ENSG00000218052	0.14931947	-0.01844332	0.38480212	0.84537521	ADAMTS7P4	
	NA	ENSG00000218069	0.173733	0.01914545	0.38484597	0.78225479	RSL24D1P1	
	NA	ENSG00000218073	1.5736362	-0.02499118	0.37978965	0.71303771	NA	
	NA	ENSG00000218089	0	NA	NA	NA	DNAJA1P4	
	NA	ENSG00000218107	0	NA	NA	NA	NA	
283165	ENSG00000218109	6.99050677	0.07694715	0.36803673	0.5637087	0.76632633	KIRREL3-AS3	
	NA	ENSG00000218125	0	NA	NA	NA		
	NA	ENSG00000218143	0	NA	NA	NA	ERHP2	
	NA	ENSG00000218153	0.52119901	0.02576573	0.38568143	0.51723676	KRT18P22	
	NA	ENSG00000218173	0	NA	NA	NA		
	NA	ENSG00000218175	0	NA	NA	NA		
	NA	ENSG00000218180	0.18922458	0.01954053	0.38488496	0.78225479	SLC25A5P7	
	NA	ENSG00000218186	0.15069912	-0.01848503	0.38480575	0.84537521	KRT8P43	
	NA	ENSG00000218187	0	NA	NA	NA		
	NA	ENSG00000218189	0	NA	NA	NA	POM121L14P	
	NA	ENSG00000218194	0	NA	NA	NA	HLFP1	
	NA	ENSG00000218198	0	NA	NA	NA	RPS20P32	
	NA	ENSG00000218208	0.68446305	0.00077645	0.38184508	0.98570493	RPS27AP11	
	NA	ENSG00000218213	0	NA	NA	NA	FTH1P26	
	NA	ENSG00000218226	49.9381039	-0.11517865	0.25831158	0.55116287	0.75759119	TATDN2P2
	NA	ENSG00000218227	0.31815833	0.00110652	0.38336643	0.96647518	NA	
	NA	ENSG00000218233	1.89010707	0.02281537	0.37698188	0.77806452	NA	
	NA	ENSG00000218261	0	NA	NA	NA	NEPNP	
	NA	ENSG00000218265	0	NA	NA	NA	RPA3P2	
	NA	ENSG00000218265	0	NA	NA	NA	RPS4XP7	
	NA	ENSG00000218274	0	NA	NA	NA		
	NA	ENSG00000218281	0	NA	NA	NA	H2AC9P	
	NA	ENSG00000218283	2.46972102	0.02768093	0.37342725	0.77428284	NA	
	NA	ENSG00000218300	0	NA	NA	NA	MORF4L1P1	
	NA	ENSG00000218300	0	NA	NA	NA	RPL22P14	
168448	ENSG00000218305	0	NA	NA	NA	NA	CDC14C	
	NA	ENSG00000218313	0	NA	NA	NA		
55714	ENSG00000218336	5146.33303	-0.13262079	0.06477302	0.03737956	0.1192962	TENM3	
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101927722	ENSG00000218357	0	NA	NA	NA	NA	LINC01644
646024	ENSG00000218358	1.60389567	-0.03312308	0.38026019	0.63811433	NA	RAET1K
NA	ENSG00000218359	0	NA	NA	NA	NA	SUMO2P13
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NA	ENSG00000218410	0	NA	NA	NA	NA	
100130449	ENSG00000218416	6.78826594	0.15633342	0.39542493	0.27841248	0.5027948	
NA	ENSG00000218418	4.59905399	0.03316413	0.37011118	0.76087124	0.88944647	
NA	ENSG00000218424	0	NA	NA	NA	NA	NDUFS5P1
NA	ENSG00000218426	3.56097685	0.0409468	0.37224037	0.69877078	0.85472333	
NA	ENSG00000218428	0.173124	-0.01911262	0.38486262	0.84537521	NA	NIP7P3
NA	ENSG00000218454	0	NA	NA	NA	NA	HNRNPA1P19
NA	ENSG00000218459	0	NA	NA	NA	NA	RPS27P15
NA	ENSG00000218472	0	NA	NA	NA	NA	
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NA	ENSG00000218476	0	NA	NA	NA	NA	
NA	ENSG00000218483	0	NA	NA	NA	NA	
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NA	ENSG00000218502	0	NA	NA	NA	NA	H2AZP3
29092	ENSG00000218510	297.124922	0.15385845	0.14173923	0.24241757	0.46064214	LINC00339
NA	ENSG00000218512	0	NA	NA	NA	NA	SPTLC1P2
NA	ENSG00000218520	0	NA	NA	NA	NA	
NA	ENSG00000218521	0	NA	NA	NA	NA	
NA	ENSG00000218536	0.6999497	-0.01718311	0.38329024	0.67568154	NA	
NA	ENSG00000218537	65.4255531	0.74443191	0.30255875	0.00229877	0.01205913	MIF-AS1
NA	ENSG00000218549	0	NA	NA	NA	NA	OR4K12P
NA	ENSG00000218561	0.62202697	-0.03610217	0.3866043	0.42856872	NA	
NA	ENSG00000218565	0	NA	NA	NA	NA	
NA	ENSG00000218574	0	NA	NA	NA	NA	HNRNPA1P37
NA	ENSG00000218577	0	NA	NA	NA	NA	
NA	ENSG00000218582	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAPDHP63
NA	ENSG00000218586	0.80514139	0.01675331	0.38201148	0.74481663	NA	
NA	ENSG00000218596	0	NA	NA	NA	NA	
NA	ENSG00000218617	0	NA	NA	NA	NA	
NA	ENSG00000218631	5.57096437	0.2252937	0.44743964	0.11963389	0.28460369	

NA	ENSG00000218632	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL7P28
NA	ENSG00000218643	0	NA	NA	NA	NA	RPL5P20
NA	ENSG00000218672	0	NA	NA	NA	NA	
NA	ENSG00000218676	0.33890284	0.00236051	0.38338014	0.9659211	NA	BRD7P4
NA	ENSG00000218682	0.52322475	0.01080523	0.38326207	0.77121538	NA	
NA	ENSG00000218689	0	NA	NA	NA	NA	RPL5P21
NA	ENSG00000218690	1.78238135	0.02287173	0.37745933	0.77009478	NA	H2AC10P
NA	ENSG00000218698	0	NA	NA	NA	NA	ST13P16
NA	ENSG00000218713	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000218716	0	NA	NA	NA	NA	RPL12P23
NA	ENSG00000218725	0	NA	NA	NA	NA	B3GALNT2P1
NA	ENSG00000218728	0	NA	NA	NA	NA	KRT18P44
NA	ENSG00000218730	0	NA	NA	NA	NA	
NA	ENSG00000218732	0	NA	NA	NA	NA	
100505876	ENSG00000218739	843.86169	-0.27284136	0.09519867	0.00296186	0.01497538	CEBPZOS
NA	ENSG00000218748	0	NA	NA	NA	NA	DBIP1
NA	ENSG00000218749	0	NA	NA	NA	NA	
NA	ENSG00000218754	0	NA	NA	NA	NA	RPL18AP8
NA	ENSG00000218757	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000218766	0	NA	NA	NA	NA	
NA	ENSG00000218772	0	NA	NA	NA	NA	FAM8A6P
NA	ENSG00000218776	0	NA	NA	NA	NA	MTATP6P31
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NA	ENSG00000218793	0	NA	NA	NA	NA	
NA	ENSG00000218803	0.173733	0.01914545	0.38484597	0.78225479	NA	GSTM2P1
NA	ENSG00000218806	0	NA	NA	NA	NA	
NA	ENSG00000218809	0	NA	NA	NA	NA	
NA	ENSG00000218813	0	NA	NA	NA	NA	
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56903	ENSG00000218823	2.9535857	-0.13543208	0.40748522	0.16174358	0.35019582	PAPOLB
NA	ENSG00000218834	0	NA	NA	NA	NA	
654835	ENSG00000218839	0	NA	NA	NA	NA	FAM138C
NA	ENSG00000218857	0.32385085	-0.02327321	0.38532137	0.66859313	NA	
NA	ENSG00000218868	0	NA	NA	NA	NA	CNN3P1
NA	ENSG00000218870	0	NA	NA	NA	NA	SLC25A6P6
NA	ENSG00000218872	0	NA	NA	NA	NA	
NA	ENSG00000218890	0	NA	NA	NA	NA	NUFIP1P1
163033	ENSG00000218891	638.680699	-0.0023611	0.11031614	0.98094979	0.99355086	ZNF579

NA	ENSG00000218893	0	NA	NA	NA	NA	SUMO2P12
NA	ENSG00000218896	2.5592567	0.12268155	0.40696321	0.11740189	NA	TUBB8P2
NA	ENSG00000218902	0.173733	0.01914545	0.38484597	0.78225479	NA	PTMAP3
NA	ENSG00000218965	0	NA	NA	NA	NA	NACAP7
NA	ENSG00000218976	0	NA	NA	NA	NA	IMPDH1P9
NA	ENSG00000218980	0.34109166	0.02362638	0.38535338	0.6241155	NA	FTH1P15
NA	ENSG00000218986	0	NA	NA	NA	NA	
NA	ENSG00000218991	0	NA	NA	NA	NA	CCNG1P1
NA	ENSG00000218996	0.54284536	0.01460441	0.38350971	0.729486	NA	ARL4AP5
NA	ENSG00000219023	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000219027	0.83517202	0.03689958	0.38460543	0.46284099	NA	RPS3AP2
NA	ENSG00000219039	0	NA	NA	NA	NA	
NA	ENSG00000219061	0	NA	NA	NA	NA	TRIM51FP
23436	ENSG00000219073	0	NA	NA	NA	NA	CELA3B
NA	ENSG00000219074	0.32544565	0.00202449	0.38337559	0.96092894	NA	SOD1P1
NA	ENSG00000219085	0.49264394	-0.00722003	0.38270186	0.86014067	NA	NPM1P37
NA	ENSG00000219087	0	NA	NA	NA	NA	MTND4LP19
NA	ENSG00000219088	0	NA	NA	NA	NA	
NA	ENSG00000219095	0	NA	NA	NA	NA	DHFRP6
NA	ENSG00000219102	0.5347768	0.01352512	0.38343967	0.7445493	NA	HNRNPA3P12
NA	ENSG00000219133	0.49836565	-0.0100828	0.3828274	0.82943076	NA	
NA	ENSG00000219135	0	NA	NA	NA	NA	RPL23AP48
NA	ENSG00000219139	0	NA	NA	NA	NA	TYMSP1
NA	ENSG00000219146	1.31259863	-0.02180688	0.37871676	0.76316898	NA	RPS4XP8
NA	ENSG00000219149	0	NA	NA	NA	NA	PPIAP87
NA	ENSG00000219150	0	NA	NA	NA	NA	
NA	ENSG00000219159	0	NA	NA	NA	NA	
NA	ENSG00000219163	0.65935157	-0.01944381	0.38293944	0.66970376	NA	HMGB1P20
NA	ENSG00000219186	0	NA	NA	NA	NA	FTH1P19
NA	ENSG00000219188	0.32330434	0.00160361	0.38337065	0.96572895	NA	CACYBPP3
NA	ENSG00000219190	0	NA	NA	NA	NA	
440400	ENSG00000219200	1305.1164	0.22297479	0.0862964	0.00794002	0.03428291	RNASEK
NA	ENSG00000219201	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000219222	0	NA	NA	NA	NA	RPL12P47
NA	ENSG00000219240	0	NA	NA	NA	NA	
NA	ENSG00000219249	0	NA	NA	NA	NA	AMZ2P2
NA	ENSG00000219253	0	NA	NA	NA	NA	RPS6P7
NA	ENSG00000219257	0	NA	NA	NA	NA	NPM1P38

NA	ENSG00000219262	0	NA	NA	NA	NA	OR2E1P
NA	ENSG00000219273	0	NA	NA	NA	NA	
NA	ENSG00000219274	0	NA	NA	NA	NA	RPS20P2
NA	ENSG00000219280	0	NA	NA	NA	NA	VN1R8P
NA	ENSG00000219284	0	NA	NA	NA	NA	
NA	ENSG00000219294	1.50072686	-0.00828843	0.37606684	0.91740304	NA	PIP5K1P1
NA	ENSG00000219297	0	NA	NA	NA	NA	MRPL42P3
NA	ENSG00000219298	0	NA	NA	NA	NA	
NA	ENSG00000219302	0	NA	NA	NA	NA	
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NA	ENSG00000219329	0	NA	NA	NA	NA	
NA	ENSG00000219355	1.35495839	-0.01601537	0.37825024	0.82409655	NA	RPL31P52
NA	ENSG00000219361	1.43985925	0.01810535	0.37922207	0.79333022	NA	RPSAP72
NA	ENSG00000219368	0	NA	NA	NA	NA	ZNF299P
NA	ENSG00000219375	0	NA	NA	NA	NA	
NA	ENSG00000219384	0	NA	NA	NA	NA	
NA	ENSG00000219387	0	NA	NA	NA	NA	ATF1P1
NA	ENSG00000219391	0	NA	NA	NA	NA	
NA	ENSG00000219392	4.5127044	0.04277149	0.36555791	0.72898057	0.87045369	ZNF602P
NA	ENSG00000219395	7.45527809	-0.094664	0.36465286	0.519288	0.73285078	HSPA8P15
NA	ENSG00000219404	1.24527375	0.08666632	0.39727072	0.10514675	NA	
NA	ENSG00000219409	0	NA	NA	NA	NA	
NA	ENSG00000219410	23.7326601	-0.2549216	0.4198376	0.18017773	0.37700128	
NA	ENSG00000219430	0	NA	NA	NA	NA	MBL3P
NA	ENSG00000219433	0.173124	-0.01911262	0.38486262	0.84537521	NA	BTBD10P2
25858	ENSG00000219435	3.28315173	-0.07599728	0.38414957	0.40357217	0.63160382	CATSPERZ
25817	ENSG00000219438	21.7335374	3.16052492	0.64168426	6.68E-08	9.02E-07	TAF5
101928254	ENSG00000219445	0	NA	NA	NA	NA	
NA	ENSG00000219451	0	NA	NA	NA	NA	RPL23P8
NA	ENSG00000219453	0	NA	NA	NA	NA	
NA	ENSG00000219463	0	NA	NA	NA	NA	RPSAP42
NA	ENSG00000219470	4.49866953	-0.11946792	0.39312616	0.28708238	0.51288829	
55672	ENSG00000219481	3284.4437	-0.36036228	0.07010555	1.63E-07	2.10E-06	NBPF1
NA	ENSG00000219487	0	NA	NA	NA	NA	
NA	ENSG00000219491	0	NA	NA	NA	NA	TPT1P8
NA	ENSG00000219492	0	NA	NA	NA	NA	
NA	ENSG00000219500	0	NA	NA	NA	NA	
NA	ENSG00000219507	0	NA	NA	NA	NA	FTH1P8

NA	ENSG00000219529	3.42890212	0.04173347	0.3763345	0.65089746	0.82558532	
NA	ENSG00000219532	0	NA	NA	NA	NA	SELENOKP2
729852	ENSG00000219545	324.213193	-0.13972097	0.14627522	0.300187	0.52733399	UMAD1
NA	ENSG00000219547	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL17P25
NA	ENSG00000219549	0	NA	NA	NA	NA	
NA	ENSG00000219553	0.46916637	-0.00654056	0.38320011	0.87830359	NA	
NA	ENSG00000219559	0	NA	NA	NA	NA	
NA	ENSG00000219565	1.53473045	-0.03007277	0.37785673	0.70362365	NA	ZNF259P1
NA	ENSG00000219575	0	NA	NA	NA	NA	
NA	ENSG00000219582	0	NA	NA	NA	NA	HNRNPA1P58
NA	ENSG00000219592	0	NA	NA	NA	NA	NCSTNP1
NA	ENSG00000219604	0	NA	NA	NA	NA	
648791	ENSG00000219607	3.85033024	0.10421368	0.3857289	0.36597631	0.59518764	PPP1R3G
NA	ENSG00000219608	0	NA	NA	NA	NA	HIGD1AP16
NA	ENSG00000219619	0	NA	NA	NA	NA	
NA	ENSG00000219622	0	NA	NA	NA	NA	
375190	ENSG00000219626	270.959871	0.11129349	0.1560391	0.43519999	0.66041111	FAM228B
NA	ENSG00000219627	0	NA	NA	NA	NA	CYCSP17
NA	ENSG00000219642	0.16735865	0.01897177	0.38482933	0.78225479	NA	BMPR1AP1
NA	ENSG00000219653	0	NA	NA	NA	NA	GCNT1P4
101928464	ENSG00000219665	68.8082338	0.43927128	0.2750065	0.0400426	0.12546513	ZNF433-AS1
NA	ENSG00000219666	0	NA	NA	NA	NA	
NA	ENSG00000219669	0	NA	NA	NA	NA	BECN1P2
NA	ENSG00000219681	0	NA	NA	NA	NA	
NA	ENSG00000219682	0	NA	NA	NA	NA	
NA	ENSG00000219693	0	NA	NA	NA	NA	FGF7P8
NA	ENSG00000219699	0	NA	NA	NA	NA	
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NA	ENSG00000219702	0	NA	NA	NA	NA	
NA	ENSG00000219703	0	NA	NA	NA	NA	RAP1BP3
NA	ENSG00000219712	0	NA	NA	NA	NA	
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NA	ENSG00000219736	0	NA	NA	NA	NA	
NA	ENSG00000219738	0	NA	NA	NA	NA	CD83P1
NA	ENSG00000219747	1.9698745	0.09626412	0.39594222	0.19786547	NA	RPL32P16
NA	ENSG00000219755	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000219757	0	NA	NA	NA	NA	
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NA	ENSG00000219770	0	NA	NA	NA	NA	VN1R11P
NA	ENSG00000219773	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPSAP45
NA	ENSG00000219776	0	NA	NA	NA	NA	RPL21P67
NA	ENSG00000219784	0	NA	NA	NA	NA	
NA	ENSG00000219790	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OSTCP6
NA	ENSG00000219797	0.173124	-0.01911262	0.38486262	0.84537521	NA	PPIAP9
NA	ENSG00000219806	0	NA	NA	NA	NA	ATP5BPB6
NA	ENSG00000219807	0	NA	NA	NA	NA	ARF1P1
NA	ENSG00000219814	0	NA	NA	NA	NA	RPL23AP47
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NA	ENSG00000219867	0	NA	NA	NA	NA	
NA	ENSG00000219870	0	NA	NA	NA	NA	BRK1P1
NA	ENSG00000219881	0.68114187	0.03133575	0.38359295	0.54742297	NA	GAPDHP42
NA	ENSG00000219891	74.8321943	-2.09071332	0.31249502	1.53E-12	3.45E-11	ZSCAN12P1
NA	ENSG00000219902	1.28719212	-0.03915242	0.38240675	0.54300906	NA	RPL35P3
102723968	ENSG00000219926	0	NA	NA	NA	NA	OR7E104P
NA	ENSG00000219928	0	NA	NA	NA	NA	
NA	ENSG00000219930	0.173124	-0.01911262	0.38486262	0.84537521	NA	GAPDHP67
NA	ENSG00000219932	0	NA	NA	NA	NA	RPL12P8
NA	ENSG00000219940	0	NA	NA	NA	NA	SPTLC1P3
NA	ENSG00000219941	0	NA	NA	NA	NA	KRT18P50
NA	ENSG00000219951	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000219986	0	NA	NA	NA	NA	BTF3P7
NA	ENSG00000219992	0	NA	NA	NA	NA	
NA	ENSG00000219993	0	NA	NA	NA	NA	
645191	ENSG00000220008	27.4055297	-0.13642361	0.3197438	0.48101548	0.70187153	LINGO3
NA	ENSG00000220030	0	NA	NA	NA	NA	
NA	ENSG00000220069	0	NA	NA	NA	NA	RPL7P27
NA	ENSG00000220076	0	NA	NA	NA	NA	
NA	ENSG00000220091	0.173733	0.01914545	0.38484597	0.78225479	NA	LAP3P1
NA	ENSG00000220105	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000220110	0	NA	NA	NA	NA	
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NA	ENSG00000220139	0	NA	NA	NA	NA	

NA	ENSG00000220154	0	NA	NA	NA	NA	
NA	ENSG00000220157	0.33471731	0.02354391	0.38534154	0.62842204	NA	HNRNPA1P12
400579	ENSG00000220161	4.40635603	0.1148059	0.38728622	0.34446945	0.57474341	LINC02076
NA	ENSG00000220181	0	NA	NA	NA	NA	MTRES1P1
NA	ENSG00000220184	0	NA	NA	NA	NA	HMGB3P18
100125288	ENSG00000220201	36.1930791	0.30008376	0.33457614	0.16908165	0.36043622	ZGLP1
NA	ENSG00000220204	0	NA	NA	NA	NA	
6844	ENSG00000220205	696.706342	-0.24454326	0.09838387	0.00994219	0.04129223	VAMP2
NA	ENSG00000220212	0	NA	NA	NA	NA	OR4F1P
NA	ENSG00000220237	0	NA	NA	NA	NA	RPS24P12
NA	ENSG00000220240	0	NA	NA	NA	NA	
NA	ENSG00000220248	0	NA	NA	NA	NA	ZNF402P
NA	ENSG00000220256	0	NA	NA	NA	NA	
NA	ENSG00000220267	0	NA	NA	NA	NA	ACTBP8
NA	ENSG00000220291	0	NA	NA	NA	NA	
NA	ENSG00000220305	20.4784293	0.34437533	0.42542712	0.12615053	0.29546661	HNRNPH1P1
NA	ENSG00000220311	0	NA	NA	NA	NA	RPL35AP18
NA	ENSG00000220323	186.531156	0.15689766	0.23024175	0.399789	0.62831531	H2BC19P
NA	ENSG00000220326	0	NA	NA	NA	NA	
NA	ENSG00000220340	0	NA	NA	NA	NA	MTCO1P56
NA	ENSG00000220343	0	NA	NA	NA	NA	PPIAP74
NA	ENSG00000220347	0	NA	NA	NA	NA	H3P28
NA	ENSG00000220349	0	NA	NA	NA	NA	
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NA	ENSG00000220377	0	NA	NA	NA	NA	GSTA8P
NA	ENSG00000220378	0	NA	NA	NA	NA	KRT8P42
NA	ENSG00000220392	0.50453099	0.01225229	0.38342169	0.76823569	NA	FCF1P5
NA	ENSG00000220412	0	NA	NA	NA	NA	
NA	ENSG00000220418	0	NA	NA	NA	NA	TUBB3P1
NA	ENSG00000220446	0	NA	NA	NA	NA	
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NA	ENSG00000220472	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000220483	0	NA	NA	NA	NA	SLC25A51P1
NA	ENSG00000220494	0.15069912	-0.01848503	0.38480575	0.84537521	NA	YAP1P1
NA	ENSG00000220505	0	NA	NA	NA	NA	EIF4EBP2P3
NA	ENSG00000220506	0.50585511	-0.00897271	0.3832277	0.83732675	NA	
NA	ENSG00000220514	0	NA	NA	NA	NA	MTND4LP20
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NA	ENSG00000220517	0	NA	NA	NA	NA	ASS1P1
NA	ENSG00000220522	1.10362928	-0.05557351	0.38634575	0.3352858	NA	
NA	ENSG00000220537	0	NA	NA	NA	NA	
NA	ENSG00000220540	0	NA	NA	NA	NA	
NA	ENSG00000220541	0	NA	NA	NA	NA	PPIHP2
NA	ENSG00000220553	0	NA	NA	NA	NA	RPL5P19
NA	ENSG00000220556	0	NA	NA	NA	NA	
NA	ENSG00000220557	0	NA	NA	NA	NA	HMGB1P13
NA	ENSG00000220563	0.75689831	0.03380966	0.38651369	0.3822658	NA	PKMP3
100128264	ENSG00000220575	0	NA	NA	NA	NA	HTR5A-AS1
NA	ENSG00000220581	0	NA	NA	NA	NA	VN1R12P
NA	ENSG00000220583	1.20161491	-0.0064851	0.38041373	0.91117821	NA	RPL35P2
NA	ENSG00000220585	0	NA	NA	NA	NA	DDX18P6
NA	ENSG00000220586	0.18922458	0.01954053	0.38488496	0.78225479	NA	TUBBP9
NA	ENSG00000220598	0	NA	NA	NA	NA	SSR1P1
NA	ENSG00000220600	0	NA	NA	NA	NA	
NA	ENSG00000220614	0	NA	NA	NA	NA	
NA	ENSG00000220635	0	NA	NA	NA	NA	KRASP1
NA	ENSG00000220643	0	NA	NA	NA	NA	
NA	ENSG00000220660	0	NA	NA	NA	NA	
NA	ENSG00000220666	0	NA	NA	NA	NA	RCC2P7
NA	ENSG00000220685	7.62878001	-0.02685563	0.35135489	0.85179747	0.93275912	
NA	ENSG00000220694	1.16319198	0.01599884	0.38096791	0.78314453	NA	
NA	ENSG00000220695	0.34719557	0.00093922	0.38336462	0.95957396	NA	
NA	ENSG00000220702	0	NA	NA	NA	NA	
442179	ENSG00000220721	0.3238689	-0.02327336	0.38532139	0.66858275	NA	OR1F12
NA	ENSG00000220725	0	NA	NA	NA	NA	
NA	ENSG00000220730	0	NA	NA	NA	NA	H3P27
NA	ENSG00000220733	0	NA	NA	NA	NA	MTND3P20
NA	ENSG00000220734	0	NA	NA	NA	NA	
NA	ENSG00000220739	0	NA	NA	NA	NA	
NA	ENSG00000220744	4.27417473	-0.01999813	0.36629978	0.85942073	0.93748116	RPL5P18
NA	ENSG00000220745	0	NA	NA	NA	NA	
NA	ENSG00000220748	0	NA	NA	NA	NA	
NA	ENSG00000220749	1.29749634	-0.01373206	0.37946878	0.83363666	NA	RPL21P28
NA	ENSG00000220758	0	NA	NA	NA	NA	VN1R10P
NA	ENSG00000220771	0.173124	-0.01911262	0.38486262	0.84537521	NA	BOLA2P3
NA	ENSG00000220773	0	NA	NA	NA	NA	RPSAP44

NA	ENSG00000220785	66.2861611	-0.00530863	0.26256936	0.97610735	0.99170422	MTMR9LP
NA	ENSG00000220793	2.35421347	0.01310014	0.37326647	0.88865626	NA	RPL21P119
NA	ENSG00000220804	121.679046	0.16230901	0.20275733	0.34789447	0.57861815	LINC01881
NA	ENSG00000220831	0	NA	NA	NA	NA	NDUFA5P9
NA	ENSG00000220842	0	NA	NA	NA	NA	RPL21P16
NA	ENSG00000220848	16.9862194	-0.59154503	0.80039594	0.0279555	0.09492335	RPS18P9
NA	ENSG00000220867	0.48860557	0.01127378	0.38339436	0.78520781	NA	HSPE1P26
NA	ENSG00000220868	0	NA	NA	NA	NA	MRPL35P1
NA	ENSG00000220871	0	NA	NA	NA	NA	DNAJC19P6
NA	ENSG00000220875	0.15069912	-0.01848503	0.38480575	0.84537521	NA	H3C9P
NA	ENSG00000220884	0	NA	NA	NA	NA	MESTP1
648691	ENSG00000220891	4.13108996	-0.0167601	0.36421878	0.88632344	0.95015905	
NA	ENSG00000220908	0	NA	NA	NA	NA	LINC02531
NA	ENSG00000220913	0	NA	NA	NA	NA	
NA	ENSG00000220918	0	NA	NA	NA	NA	
NA	ENSG00000220920	0	NA	NA	NA	NA	
NA	ENSG00000220924	0.173733	0.01914545	0.38484597	0.78225479	NA	OSTCP4
NA	ENSG00000220925	0.34119222	0.02362715	0.38535349	0.62406221	NA	IGBP1-AS2
NA	ENSG00000220937	0.32400505	-0.02327445	0.38532156	0.66850437	NA	HNRNPA1P41
NA	ENSG00000220948	0	NA	NA	NA	NA	TRIM51GP
NA	ENSG00000220949	0	NA	NA	NA	NA	
NA	ENSG00000220960	0	NA	NA	NA	NA	
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NA	ENSG00000220988	0	NA	NA	NA	NA	SNORD88C
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100302255	ENSG00000221017	0	NA	NA	NA	NA	MIR1323
NA	ENSG00000221023	0	NA	NA	NA	NA	RNU6ATAC19P
100302229	ENSG00000221025	0	NA	NA	NA	NA	MIR1250
100302158	ENSG00000221028	0	NA	NA	NA	NA	MIR1231
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100302184	ENSG00000221033	0	NA	NA	NA	NA	MIR1272
100422837	ENSG00000221036	0	NA	NA	NA	NA	MIR1193
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100302118	ENSG00000221039	0	NA	NA	NA	NA	MIR1286
NA	ENSG00000221040	0	NA	NA	NA	NA	
NA	ENSG00000221042	0	NA	NA	NA	NA	
NA	ENSG00000221043	0	NA	NA	NA	NA	
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NA	ENSG00000221046	0	NA	NA	NA	NA	RNU6ATAC38P
100302202	ENSG00000221052	0	NA	NA	NA	NA	MIR1266
100302128	ENSG00000221055	0	NA	NA	NA	NA	MIR1302-3
NA	ENSG00000221059	0	NA	NA	NA	NA	RNU6ATAC6P
NA	ENSG00000221060	0	NA	NA	NA	NA	
100302150	ENSG00000221063	0	NA	NA	NA	NA	MIR1296
692214	ENSG00000221066	0	NA	NA	NA	NA	SNORD111
NA	ENSG00000221081	0	NA	NA	NA	NA	MIR320D2
NA	ENSG00000221083	0	NA	NA	NA	NA	
100302146	ENSG00000221091	0	NA	NA	NA	NA	MIR1302-5
NA	ENSG00000221093	0	NA	NA	NA	NA	
100124539	ENSG00000221102	0	NA	NA	NA	NA	SNORA11B
NA	ENSG00000221114	0	NA	NA	NA	NA	RNU6ATAC30P
692213	ENSG00000221116	0	NA	NA	NA	NA	SNORD110
100187716	ENSG00000221120	0	NA	NA	NA	NA	MIR1224
NA	ENSG00000221125	0	NA	NA	NA	NA	
NA	ENSG00000221139	0	NA	NA	NA	NA	
NA	ENSG00000221148	0	NA	NA	NA	NA	
109617000	ENSG00000221164	0	NA	NA	NA	NA	SNORA11F
100302175	ENSG00000221176	0	NA	NA	NA	NA	MIR1207
NA	ENSG00000221184	0	NA	NA	NA	NA	
100313772	ENSG00000221187	0	NA	NA	NA	NA	MIR548M
100302208	ENSG00000221200	0	NA	NA	NA	NA	MIR1253
100302279	ENSG00000221203	0	NA	NA	NA	NA	MIR1262
NA	ENSG00000221206	0	NA	NA	NA	NA	RNU6ATAC15P
100313921	ENSG00000221214	0	NA	NA	NA	NA	MIR548E
NA	ENSG00000221216	0	NA	NA	NA	NA	RNU6ATAC27P
100302270	ENSG00000221227	0	NA	NA	NA	NA	MIR1305
100302275	ENSG00000221230	0	NA	NA	NA	NA	MIR548L
100302268	ENSG00000221238	0	NA	NA	NA	NA	MIR1285-2
100302172	ENSG00000221240	0	NA	NA	NA	NA	MIR1258
692202	ENSG00000221241	0	NA	NA	NA	NA	SNORD88A
NA	ENSG00000221245	0	NA	NA	NA	NA	
100302148	ENSG00000221251	0	NA	NA	NA	NA	MIR1263
NA	ENSG00000221255	0	NA	NA	NA	NA	RNU6ATAC37P
100302281	ENSG00000221261	0	NA	NA	NA	NA	MIR1208
100302288	ENSG00000221263	0	NA	NA	NA	NA	MIR548P
100302112	ENSG00000221264	0	NA	NA	NA	NA	MIR1284

100302193	ENSG00000221265	0	NA	NA	NA	NA	MIR1255A
100302223	ENSG00000221269	0	NA	NA	NA	NA	MIR1302-8
100302280	ENSG00000221273	0	NA	NA	NA	NA	MIR1237
100302277	ENSG00000221275	0	NA	NA	NA	NA	MIR548I2
100302134	ENSG00000221287	0	NA	NA	NA	NA	MIR1289-2
100313824	ENSG00000221288	0	NA	NA	NA	NA	MIR663B
100422849	ENSG00000221296	0	NA	NA	NA	NA	MIR548T
NA	ENSG00000221300	0	NA	NA	NA	NA	
677845	ENSG00000221303	0	NA	NA	NA	NA	SNORA79
100302186	ENSG00000221305	0	NA	NA	NA	NA	MIR548I3
100302113	ENSG00000221325	0	NA	NA	NA	NA	MIR1200
100313841	ENSG00000221331	0	NA	NA	NA	NA	MIR548Q
NA	ENSG00000221332	0	NA	NA	NA	NA	
100313770	ENSG00000221333	0	NA	NA	NA	NA	MIR548K
NA	ENSG00000221340	0	NA	NA	NA	NA	RNU6ATAC18P
NA	ENSG00000221345	0	NA	NA	NA	NA	
100302239	ENSG00000221348	0	NA	NA	NA	NA	MIR548F5
100302124	ENSG00000221355	0	NA	NA	NA	NA	MIR1288
NA	ENSG00000221363	0	NA	NA	NA	NA	RNU6ATAC20P
100302201	ENSG00000221365	0	NA	NA	NA	NA	MIR1228
100313938	ENSG00000221369	0	NA	NA	NA	NA	MIR548G
100302116	ENSG00000221371	0	NA	NA	NA	NA	MIR1265
NA	ENSG00000221375	0	NA	NA	NA	NA	RNU6ATAC23P
NA	ENSG00000221381	0	NA	NA	NA	NA	SNORD88B
NA	ENSG00000221387	0	NA	NA	NA	NA	RNU6ATAC8P
100302178	ENSG00000221390	0	NA	NA	NA	NA	MIR1295A
100302140	ENSG00000221393	0	NA	NA	NA	NA	MIR1302-6
100302156	ENSG00000221394	0	NA	NA	NA	NA	MIR1229
109616985	ENSG00000221400	0	NA	NA	NA	NA	SNORD3J
NA	ENSG00000221406	0	NA	NA	NA	NA	MIR320B2
100302226	ENSG00000221410	0	NA	NA	NA	NA	MIR1238
100302283	ENSG00000221411	0	NA	NA	NA	NA	MIR1227
677847	ENSG00000221420	0	NA	NA	NA	NA	SNORA81
100302265	ENSG00000221421	0	NA	NA	NA	NA	MIR1283-1
100302181	ENSG00000221430	0	NA	NA	NA	NA	MIR1294
100302159	ENSG00000221436	0	NA	NA	NA	NA	MIR548F3
NA	ENSG00000221439	0	NA	NA	NA	NA	RNU4ATAC16P
NA	ENSG00000221440	0	NA	NA	NA	NA	RNU6ATAC31P

100313895	ENSG00000221442	0	NA	NA	NA	NA	MIR548F4
100302246	ENSG00000221445	0	NA	NA	NA	NA	MIR1301
NA	ENSG00000221455	0	NA	NA	NA	NA	
100302259	ENSG00000221456	0	NA	NA	NA	NA	MIR1202
100124540	ENSG00000221459	0	NA	NA	NA	NA	SNORA11C
NA	ENSG00000221461	0	NA	NA	NA	NA	
100302214	ENSG00000221463	0	NA	NA	NA	NA	MIR1277
100302203	ENSG00000221464	0	NA	NA	NA	NA	MIR1271
100616252	ENSG00000221466	0	NA	NA	NA	NA	MIR548AJ2
NA	ENSG00000221468	0	NA	NA	NA	NA	RNU6ATAC11P
100302217	ENSG00000221476	0	NA	NA	NA	NA	MIR1827
100302289	ENSG00000221479	0	NA	NA	NA	NA	MIR1251
677815	ENSG00000221491	0	NA	NA	NA	NA	SNORA2C
NA	ENSG00000221493	0	NA	NA	NA	NA	MIR320C1
100302191	ENSG00000221494	0	NA	NA	NA	NA	MIR548I4
NA	ENSG00000221496	0	NA	NA	NA	NA	
NA	ENSG00000221498	0	NA	NA	NA	NA	
594838	ENSG00000221500	0	NA	NA	NA	NA	SNORD100
100302219	ENSG00000221502	0	NA	NA	NA	NA	MIR1245A
NA	ENSG00000221507	0	NA	NA	NA	NA	RNU6ATAC40P
100313829	ENSG00000221510	0	NA	NA	NA	NA	MIR548O
NA	ENSG00000221514	0	NA	NA	NA	NA	SNORD111B
NA	ENSG00000221518	0	NA	NA	NA	NA	RNU6ATAC16P
100302218	ENSG00000221520	0	NA	NA	NA	NA	MIR1285-1
100302157	ENSG00000221525	0	NA	NA	NA	NA	MIR1185-1
NA	ENSG00000221527	0	NA	NA	NA	NA	RNU6ATAC41P
100302111	ENSG00000221533	0	NA	NA	NA	NA	MIR1184-1
100313830	ENSG00000221537	0	NA	NA	NA	NA	MIR548H1
692212	ENSG00000221539	0	NA	NA	NA	NA	SNORD99
100302256	ENSG00000221540	0	NA	NA	NA	NA	MIR1180
100313835	ENSG00000221545	0	NA	NA	NA	NA	MIR1255B2
100302205	ENSG00000221548	0	NA	NA	NA	NA	MIR1283-2
100302284	ENSG00000221552	0	NA	NA	NA	NA	MIR1303
NA	ENSG00000221562	0	NA	NA	NA	NA	RNU6ATAC10P
100302177	ENSG00000221563	0	NA	NA	NA	NA	MIR1269A
NA	ENSG00000221564	0	NA	NA	NA	NA	RNU6ATAC42P
NA	ENSG00000221571	1.19076087	0.05150712	0.3839823	0.44961789	NA	RNU6ATAC35P
NA	ENSG00000221574	0	NA	NA	NA	NA	RNU6ATAC33P

NA	ENSG00000221583	0	NA	NA	NA	NA	RNU6ATAC21P
100302232	ENSG00000221585	0	NA	NA	NA	NA	MIR1226
100302228	ENSG00000221586	0	NA	NA	NA	NA	MIR1261
100302192	ENSG00000221594	0	NA	NA	NA	NA	MIR548F1
100302149	ENSG00000221598	0	NA	NA	NA	NA	MIR1249
NA	ENSG00000221601	0	NA	NA	NA	NA	RNU4ATAC2P
100302220	ENSG00000221604	0	NA	NA	NA	NA	MIR1293
NA	ENSG00000221611	0	NA	NA	NA	NA	
100302209	ENSG00000221614	0	NA	NA	NA	NA	MIR1185-2
100313884	ENSG00000221616	0	NA	NA	NA	NA	MIR548H4
100302130	ENSG00000221628	0	NA	NA	NA	NA	MIR1302-4
100302235	ENSG00000221630	0	NA	NA	NA	NA	MIR1179
NA	ENSG00000221633	0	NA	NA	NA	NA	
100302121	ENSG00000221634	0	NA	NA	NA	NA	MIR1276
NA	ENSG00000221638	0	NA	NA	NA	NA	
NA	ENSG00000221639	0	NA	NA	NA	NA	
100302233	ENSG00000221641	0	NA	NA	NA	NA	MIR1268A
677843	ENSG00000221643	0	NA	NA	NA	NA	SNORA77
100302160	ENSG00000221649	0	NA	NA	NA	NA	MIR1233-1
100302286	ENSG00000221650	0	NA	NA	NA	NA	MIR1267
100188847	ENSG00000221656	0	NA	NA	NA	NA	MIR1225
100302276	ENSG00000221662	0	NA	NA	NA	NA	MIR1290
100302152	ENSG00000221669	0	NA	NA	NA	NA	MIR548N
NA	ENSG00000221673	0	NA	NA	NA	NA	
100151684	ENSG00000221676	0	NA	NA	NA	NA	RNU6ATAC
100302163	ENSG00000221680	0	NA	NA	NA	NA	MIR1278
100302123	ENSG00000221697	0	NA	NA	NA	NA	MIR1275
100302287	ENSG00000221698	0	NA	NA	NA	NA	MIR548H3
100313774	ENSG00000221703	0	NA	NA	NA	NA	MIR302E
101340250	ENSG00000221705	0	NA	NA	NA	NA	SNORA11E
100302153	ENSG00000221710	0	NA	NA	NA	NA	MIR1298
NA	ENSG00000221711	0	NA	NA	NA	NA	
677799	ENSG00000221716	0.173733	0.01914545	0.38484597	0.78225479	NA	SNORA11
109616997	ENSG00000221719	0	NA	NA	NA	NA	SNORA3C
NA	ENSG00000221725	0	NA	NA	NA	NA	RNU6ATAC25P
100302204	ENSG00000221737	0	NA	NA	NA	NA	MIR548I1
100302211	ENSG00000221739	0	NA	NA	NA	NA	MIR1203
692210	ENSG00000221740	0	NA	NA	NA	NA	SNORD93

100302250	ENSG00000221745	0	NA	NA	NA	NA	MIR1197
NA	ENSG00000221750	0	NA	NA	NA	NA	SNORA11G
NA	ENSG00000221753	0	NA	NA	NA	NA	
100302236	ENSG00000221754	0	NA	NA	NA	NA	MIR1260A
100313914	ENSG00000221760	0	NA	NA	NA	NA	MIR548J
100302125	ENSG00000221763	0	NA	NA	NA	NA	MIR1289-1
100302147	ENSG00000221768	0	NA	NA	NA	NA	MIR1302-7
100302161	ENSG00000221771	0	NA	NA	NA	NA	MIR1205
100313771	ENSG00000221782	0	NA	NA	NA	NA	MIR548F2
100302122	ENSG00000221783	0	NA	NA	NA	NA	MIR1183
100302136	ENSG00000221788	0	NA	NA	NA	NA	MIR1252
100302254	ENSG00000221792	0	NA	NA	NA	NA	MIR1282
100313773	ENSG00000221801	0	NA	NA	NA	NA	MIR548H2
692091	ENSG00000221803	0	NA	NA	NA	NA	SNORD23
NA	ENSG00000221806	0	NA	NA	NA	NA	RNU6ATAC34P
100302155	ENSG00000221808	0	NA	NA	NA	NA	MIR1256
135946	ENSG00000221813	0	NA	NA	NA	NA	OR6B1
101929145	ENSG00000221817	32.5235264	0.46267393	0.40073744	0.06339583	0.17873714	PPP3CB-AS1
64641	ENSG00000221818	0	NA	NA	NA	NA	EBF2
750	ENSG00000221819	11.397096	-0.33296804	0.49111991	0.10074275	0.25062521	GAS8-AS1
441150	ENSG00000221821	55.9427432	0.02898045	0.24483749	0.87957776	0.94660386	C6orf226
5534	ENSG00000221823	1271.21303	-0.41372109	0.08509651	5.89E-07	6.96E-06	PPP3R1
5671	ENSG00000221826	0	NA	NA	NA	NA	PSG3
2189	ENSG00000221829	806.10855	0.11780885	0.1015536	0.22903207	0.4444846	FANCG
393046	ENSG00000221836	0	NA	NA	NA	NA	OR2A5
386676	ENSG00000221837	0	NA	NA	NA	NA	KRTAP10-9
9179	ENSG00000221838	676.362576	0.30335291	0.1024462	0.00206393	0.01098988	AP4M1
81318	ENSG00000221840	0	NA	NA	NA	NA	OR4A5
84226	ENSG00000221843	126.638141	-0.04635398	0.21211679	0.79191467	0.90499209	C2orf16
NA	ENSG00000221844	0	NA	NA	NA	NA	DPP3P2
NA	ENSG00000221845	0.34624801	-0.02356563	0.38536324	0.65270996	NA	C7orf65
NA	ENSG00000221849	0	NA	NA	NA	NA	
83895	ENSG00000221852	0	NA	NA	NA	NA	KRTAP1-5
259287	ENSG00000221855	0	NA	NA	NA	NA	TAS2R41
NA	ENSG00000221857	0	NA	NA	NA	NA	
346525	ENSG00000221858	0	NA	NA	NA	NA	OR2A12
353333	ENSG00000221859	0	NA	NA	NA	NA	KRTAP10-10
353323	ENSG00000221864	0	NA	NA	NA	NA	KRTAP12-2

91584	ENSG00000221866	1058.48952	-0.19336662	0.09676797	0.03812237	0.12109316	PLXNA4
4102	ENSG00000221867	1168.8206	-0.28164704	0.09019061	0.00127323	0.00728187	MAGEA3
1052	ENSG00000221869	2.52149837	0.12743502	0.40447058	0.17379993	NA	CEBPD
100529240	ENSG00000221874	6.68955792	-0.15133945	0.41078408	0.17578315	0.37003052	ZNF816-ZNF321P
5676	ENSG00000221878	0	NA	NA	NA	NA	PSG7
NA	ENSG00000221879	0	NA	NA	NA	NA	MRPS21P3
81850	ENSG00000221880	0	NA	NA	NA	NA	KRTAP1-3
4995	ENSG00000221882	0	NA	NA	NA	NA	OR3A2
NA	ENSG00000221883	39.5078298	0.38430562	0.33679806	0.09347596	0.23697459	ARIH2OS
63920	ENSG00000221886	146.051623	-0.28022798	0.18827753	0.08852407	0.22764971	ZBED8
284293	ENSG00000221887	3.70838057	0.04625416	0.37678034	0.61690006	0.80378914	HMSD
26188	ENSG00000221888	0.173124	-0.01911262	0.38486262	0.84537521	NA	OR1C1
23467	ENSG00000221890	238.961553	-1.04918117	0.16818417	5.34E-11	1.06E-09	NPTXR
NA	ENSG00000221891	0	NA	NA	NA	NA	FAM218BP
285877	ENSG00000221900	0	NA	NA	NA	NA	POM121L12
221786	ENSG00000221909	438.28123	-0.00844118	0.11228959	0.93651182	0.97351594	FAM200A
135948	ENSG00000221910	0	NA	NA	NA	NA	OR2F2
5520	ENSG00000221914	1044.96876	-0.46535142	0.11255819	1.53E-05	0.00014009	PPP2R2A
55150	ENSG00000221916	16.4727595	-0.03198996	0.32879041	0.85088621	0.93252955	C19orf73
400713	ENSG00000221923	176.48532	0.05780493	0.16361511	0.69815705	0.85439402	ZNF880
10626	ENSG00000221926	597.431726	0.1873444	0.10652642	0.06673035	0.18521687	TRIM16
NA	ENSG00000221930	0	NA	NA	NA	NA	DENND10P1
390260	ENSG00000221931	0	NA	NA	NA	NA	OR6X1
NA	ENSG00000221932	0	NA	NA	NA	NA	HEPN1
392138	ENSG00000221933	0	NA	NA	NA	NA	OR2A25
259286	ENSG00000221937	0	NA	NA	NA	NA	TAS2R40
135941	ENSG00000221938	0	NA	NA	NA	NA	OR2A14
200765	ENSG00000221944	264.24073	0.31464573	0.16023813	0.03067947	0.10211051	TIGD1
53822	ENSG00000221946	3.71834869	-0.11897853	0.39473239	0.27297076	0.49658353	FXYP7
389668	ENSG00000221947	11.5524662	-0.17027268	0.38150035	0.30815208	0.53572881	XKR9
NA	ENSG00000221949	15.0195459	0.06138944	0.33250346	0.72583067	0.86885969	LINC01465
388759	ENSG00000221953	69.6309914	0.30232322	0.25826291	0.13300209	0.30644076	C1orf229
283093	ENSG00000221954	0	NA	NA	NA	NA	OR4C12
84561	ENSG00000221955	4.31780287	0.09015544	0.38591913	0.3590275	0.58936832	SLC12A8
3809	ENSG00000221957	0	NA	NA	NA	NA	KIR2DS4
645843	ENSG00000221962	0	NA	NA	NA	NA	TMEM14EP
80830	ENSG00000221963	0.15069912	-0.01848503	0.38480575	0.84537521	NA	APOL6
3995	ENSG00000221968	296.635403	0.48774938	0.16299066	0.00105463	0.00617586	FADS3

346528	ENSG00000221970	0	NA	NA	NA	NA	OR2A1
NA	ENSG00000221971	0.16735865	0.01897177	0.38482933	0.78225479	NA	TTC4P1
26686	ENSG00000221977	0	NA	NA	NA	NA	OR4E2
81669	ENSG00000221978	6528.61421	0.28451769	0.04858671	3.53E-09	5.63E-08	CCNL2
7311	ENSG00000221983	9137.22856	-0.00111161	0.05332775	0.97955896	0.99317507	UBA52
343263	ENSG00000221986	0.50428395	0.00482722	0.38258522	0.87319974	NA	MYBPHL
9374	ENSG00000221988	780.517122	-0.10621547	0.0977783	0.26039649	0.48228775	PPT2
442361	ENSG00000221989	0	NA	NA	NA	NA	OR2A2
NA	ENSG00000221990	100.442066	0.26303408	0.21443233	0.14397675	0.32368257	EXOC3-AS1
57232	ENSG00000221994	74.8947395	-0.16112801	0.24623434	0.40048382	0.62895583	ZNF630
9220	ENSG00000221995	63.9533703	-0.08887841	0.2466164	0.6392762	0.81896041	TIAF1
143496	ENSG00000221996	0	NA	NA	NA	NA	OR52B4
NA	ENSG00000222000	0	NA	NA	NA	NA	
101928881	ENSG00000222001	0	NA	NA	NA	NA	
285941	ENSG00000222004	0	NA	NA	NA	NA	LINC02860
388948	ENSG00000222005	0.36701983	0.02382057	0.38538344	0.61481641	NA	LINC01118
NA	ENSG00000222007	0	NA	NA	NA	NA	
149478	ENSG00000222009	41.4597109	0.48003162	0.36472394	0.04981624	0.14857274	BTBD19
222234	ENSG00000222011	190.418364	0.23285913	0.17204887	0.12996541	0.3016864	FAM185A
105375614	ENSG00000222012	10.2555369	-0.14279337	0.37419389	0.374315	0.60343844	
84084	ENSG00000222014	1.39783073	0.08870895	0.39502375	0.17213974	NA	RAB6C
NA	ENSG00000222017	0	NA	NA	NA	NA	
101928147	ENSG00000222018	4.34016114	0.01680204	0.37569796	0.84493617	0.92965052	FAM243A
100130015	ENSG00000222019	66.6959797	0.29516148	0.26347541	0.14569545	0.32618095	URAHP
101928111	ENSG00000222020	1.15815286	0.02050556	0.38119359	0.72779469	NA	HDAC4-AS1
NA	ENSG00000222022	0	NA	NA	NA	NA	
NA	ENSG00000222024	0.173733	0.01914545	0.38484597	0.78225479	NA	
122706	ENSG00000222028	0	NA	NA	NA	NA	PSMB11
101927285	ENSG00000222030	0	NA	NA	NA	NA	LINC01793
NA	ENSG00000222031	0	NA	NA	NA	NA	
NA	ENSG00000222032	0	NA	NA	NA	NA	
440925	ENSG00000222033	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC01124
NA	ENSG00000222035	2.89376591	0.14806224	0.41375497	0.13402031	0.30828555	KIAA2012-AS1
641455	ENSG00000222036	74.2739505	0.0422023	0.23700985	0.82114027	0.91847813	POTEM
NA	ENSG00000222037	0	NA	NA	NA	NA	IGLC6
653781	ENSG00000222038	0.18922458	0.01954053	0.38488496	0.78225479	NA	POTEJ
112597	ENSG00000222041	4.79691766	-0.1360213	0.40612221	0.15821558	0.34536221	CYTOR
NA	ENSG00000222042	0	NA	NA	NA	NA	

NA	ENSG00000222043	1.96734445	0.08732322	0.39321341	0.22383159	NA	
NA	ENSG00000222044	0.70858511	0.00150344	0.38180125	0.97385949	NA	
149069	ENSG00000222046	4.02866615	0.10453609	0.38514052	0.36994303	0.59928226	DCDC2B
414236	ENSG00000222047	0.173733	0.01914545	0.38484597	0.78225479	NA	C10orf55
NA	ENSG00000222051	0	NA	NA	NA	NA	RNU6-1165P
NA	ENSG00000222054	0	NA	NA	NA	NA	RNA5SP177
NA	ENSG00000222057	0	NA	NA	NA	NA	RNU4-62P
NA	ENSG00000222067	0	NA	NA	NA	NA	RNU4-86P
NA	ENSG00000222068	0	NA	NA	NA	NA	RN7SKP154
NA	ENSG00000222069	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SKP285
100302129	ENSG00000222071	0	NA	NA	NA	NA	MIR1915
NA	ENSG00000222072	0	NA	NA	NA	NA	
NA	ENSG00000222076	0	NA	NA	NA	NA	RNU2-3P
NA	ENSG00000222078	0	NA	NA	NA	NA	RN7SKP110
NA	ENSG00000222087	0	NA	NA	NA	NA	RNU6-721P
NA	ENSG00000222092	0	NA	NA	NA	NA	RNU6-908P
NA	ENSG00000222094	0	NA	NA	NA	NA	RNU2-65P
NA	ENSG00000222095	0	NA	NA	NA	NA	
NA	ENSG00000222099	0	NA	NA	NA	NA	RN7SKP32
NA	ENSG00000222102	0	NA	NA	NA	NA	RN7SKP232
NA	ENSG00000222107	0	NA	NA	NA	NA	RN7SKP117
NA	ENSG00000222111	0	NA	NA	NA	NA	RN7SKP148
NA	ENSG00000222112	5.74632255	-0.09583636	0.37390536	0.46874924	0.69137681	RN7SKP16
NA	ENSG00000222114	0	NA	NA	NA	NA	RNU6-985P
NA	ENSG00000222118	0	NA	NA	NA	NA	RNA5SP487
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NA	ENSG00000222139	0	NA	NA	NA	NA	RNU6-380P
NA	ENSG00000222145	0	NA	NA	NA	NA	
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NA	ENSG00000222222	0	NA	NA	NA	NA	RNU2-17P
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NA	ENSG00000222231	0	NA	NA	NA	NA	RNU2-54P
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NA	ENSG00000222244	0	NA	NA	NA	NA	RNA5SP431
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NA	ENSG00000222276	0	NA	NA	NA	NA	RNU2-33P
NA	ENSG00000222281	0	NA	NA	NA	NA	RN7SKP111
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NA	ENSG00000222293	0	NA	NA	NA	NA	RNU2-36P
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100302144	ENSG00000222321	0	NA	NA	NA	NA	MIR1912
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NA	ENSG00000222338	0	NA	NA	NA	NA	RNU6-174P
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NA	ENSG00000222371	0	NA	NA	NA	NA	RN7SKP202
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NA	ENSG00000222378	0	NA	NA	NA	NA	RNA5SP44
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NA	ENSG00000222421	0	NA	NA	NA	NA	
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NA	ENSG00000222436	0	NA	NA	NA	NA	RN7SKP278
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NA	ENSG00000222448	1.06384732	-0.04580978	0.3855422	0.38707725	NA	RN7SKP150
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NA	ENSG00000222460	0.78537931	-0.00582577	0.38218284	0.90072855	NA	RN7SKP271
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NA	ENSG00000222490	0	NA	NA	NA	NA	RNU6-712P
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NA	ENSG00000222659	0	NA	NA	NA	NA	RNU2-8P
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NA	ENSG00000222698	0	NA	NA	NA	NA	
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100302222	ENSG00000222715	0	NA	NA	NA	NA	MIR1911
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NA	ENSG00000222800	0.69493202	0.03154416	0.38626309	0.41391645	NA	RNU2-62P
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NA	ENSG00000222969	0	NA	NA	NA	NA	RN7SKP8
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NA	ENSG00000222998	0.66802237	-0.02113486	0.38309791	0.65745094	NA	RN7SKP259
NA	ENSG00000223001	0	NA	NA	NA	NA	RNU2-61P
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NA	ENSG00000223004	0	NA	NA	NA	NA	
NA	ENSG00000223006	0	NA	NA	NA	NA	RN7SKP137
NA	ENSG00000223007	0	NA	NA	NA	NA	RN7SKP73
NA	ENSG00000223012	0	NA	NA	NA	NA	RN7SKP264
NA	ENSG00000223013	0	NA	NA	NA	NA	RNA5SP344
NA	ENSG00000223015	0	NA	NA	NA	NA	RNU6-1135P
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NA	ENSG00000223023	0	NA	NA	NA	NA	

NA	ENSG00000223024	0	NA	NA	NA	NA	RNU6-55P
NA	ENSG00000223026	0	NA	NA	NA	NA	RN7SKP247
NA	ENSG00000223027	0	NA	NA	NA	NA	
NA	ENSG00000223037	0	NA	NA	NA	NA	RNU6-284P
NA	ENSG00000223039	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SKP268
NA	ENSG00000223040	0	NA	NA	NA	NA	RN7SKP144
NA	ENSG00000223042	0	NA	NA	NA	NA	RN7SKP161
NA	ENSG00000223044	0	NA	NA	NA	NA	RNU6-130P
NA	ENSG00000223046	0	NA	NA	NA	NA	RNA5SP369
NA	ENSG00000223047	0	NA	NA	NA	NA	RNU6-847P
NA	ENSG00000223056	0	NA	NA	NA	NA	RN7SKP169
NA	ENSG00000223060	0	NA	NA	NA	NA	
NA	ENSG00000223062	0	NA	NA	NA	NA	RNU6-1245P
NA	ENSG00000223064	0	NA	NA	NA	NA	RNU6-325P
NA	ENSG00000223075	0	NA	NA	NA	NA	RN7SKP126
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NA	ENSG00000223078	0	NA	NA	NA	NA	RNU2-55P
NA	ENSG00000223080	0	NA	NA	NA	NA	
NA	ENSG00000223086	0	NA	NA	NA	NA	RNA5SP155
NA	ENSG00000223087	0	NA	NA	NA	NA	RNU6-602P
NA	ENSG00000223088	0	NA	NA	NA	NA	RMRPP5
NA	ENSG00000223092	0	NA	NA	NA	NA	RNA5SP115
NA	ENSG00000223096	0	NA	NA	NA	NA	RNU5E-9P
NA	ENSG00000223107	0	NA	NA	NA	NA	RNU2-72P
100302119	ENSG00000223109	0	NA	NA	NA	NA	MIR1538
NA	ENSG00000223113	0	NA	NA	NA	NA	RNA5SP247
NA	ENSG00000223117	0	NA	NA	NA	NA	RN7SKP296
NA	ENSG00000223118	0	NA	NA	NA	NA	RN7SKP102
NA	ENSG00000223120	0	NA	NA	NA	NA	RN7SKP181
NA	ENSG00000223125	0	NA	NA	NA	NA	RNU2-32P
NA	ENSG00000223126	0	NA	NA	NA	NA	RN7SKP263
NA	ENSG00000223128	0	NA	NA	NA	NA	RN7SKP140
NA	ENSG00000223131	0	NA	NA	NA	NA	RNA5SP304
NA	ENSG00000223136	0	NA	NA	NA	NA	RN7SKP207
NA	ENSG00000223138	0	NA	NA	NA	NA	RNA5SP450
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NA	ENSG00000223156	0	NA	NA	NA	NA	RNU2-18P
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NA	ENSG00000223162	0	NA	NA	NA	NA	RNA5SP280
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NA	ENSG00000223174	0	NA	NA	NA	NA	RN7SKP17
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NA	ENSG00000223188	0	NA	NA	NA	NA	
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NA	ENSG00000223190	0	NA	NA	NA	NA	RN7SKP100
NA	ENSG00000223191	0	NA	NA	NA	NA	RNU6-293P
NA	ENSG00000223197	0	NA	NA	NA	NA	RNU6-1001P
NA	ENSG00000223198	0.48892093	-0.00888829	0.38278429	0.83951731	NA	RNU2-22P
NA	ENSG00000223202	0	NA	NA	NA	NA	RN7SKP297
NA	ENSG00000223203	0	NA	NA	NA	NA	RNA5SP221
NA	ENSG00000223212	0	NA	NA	NA	NA	RNU4-74P
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NA	ENSG00000223217	0	NA	NA	NA	NA	RNU6-938P
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692111	ENSG00000223224	0	NA	NA	NA	NA	SNORD71
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NA	ENSG00000223229	0	NA	NA	NA	NA	RN7SKP270
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NA	ENSG00000223258	0	NA	NA	NA	NA	RNU6-575P
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NA	ENSG00000223260	0	NA	NA	NA	NA	RN7SKP194
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NA	ENSG00000223263	0	NA	NA	NA	NA	RNU6-387P
NA	ENSG00000223265	0	NA	NA	NA	NA	RNU6-592P
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NA	ENSG00000223273	0	NA	NA	NA	NA	RN7SKP172
NA	ENSG00000223274	0	NA	NA	NA	NA	RNA5SP498
NA	ENSG00000223280	0	NA	NA	NA	NA	RNU6-57P
NA	ENSG00000223281	0	NA	NA	NA	NA	RN7SKP85
NA	ENSG00000223282	0	NA	NA	NA	NA	RN7SKP165
NA	ENSG00000223284	0	NA	NA	NA	NA	RNU6-195P
NA	ENSG00000223287	0	NA	NA	NA	NA	RNU6-954P
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NA	ENSG00000223293	0	NA	NA	NA	NA	RNA5SP270
NA	ENSG00000223294	0	NA	NA	NA	NA	
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NA	ENSG00000223299	0	NA	NA	NA	NA	RN7SKP108
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NA	ENSG00000223302	0	NA	NA	NA	NA	
NA	ENSG00000223305	0.84651169	0.03464869	0.3842593	0.46799444	NA	RN7SKP30
NA	ENSG00000223306	0	NA	NA	NA	NA	RNU6-1304P
NA	ENSG00000223308	0	NA	NA	NA	NA	RN7SKP101
NA	ENSG00000223309	0	NA	NA	NA	NA	RNU6-722P
NA	ENSG00000223313	0	NA	NA	NA	NA	RNU6-516P
NA	ENSG00000223315	0	NA	NA	NA	NA	RN7SKP279
NA	ENSG00000223318	0	NA	NA	NA	NA	RNA5SP111
NA	ENSG00000223321	0	NA	NA	NA	NA	RN7SKP293
NA	ENSG00000223324	0	NA	NA	NA	NA	RN7SKP273
NA	ENSG00000223327	0	NA	NA	NA	NA	RNU2-71P
NA	ENSG00000223330	0	NA	NA	NA	NA	RNU6-1052P
NA	ENSG00000223335	0	NA	NA	NA	NA	RNU6-603P
NA	ENSG00000223336	0	NA	NA	NA	NA	RNU2-6P
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NA	ENSG00000223342	0	NA	NA	NA	NA	
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NA	ENSG00000223344	0	NA	NA	NA	NA	
NA	ENSG00000223345	27.6405536	-0.06703144	0.29443788	0.72566861	0.8687181	H2BP1
NA	ENSG00000223349	0	NA	NA	NA	NA	KLF2P3
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100874221	ENSG00000223351	0	NA	NA	NA	NA	ZNF385D-AS2
NA	ENSG00000223353	0	NA	NA	NA	NA	
NA	ENSG00000223356	7.96595784	0.00900339	0.34969749	0.95206601	0.98012607	
339926	ENSG00000223358	0	NA	NA	NA	NA	EHHADH-AS1

NA	ENSG00000223360	0	NA	NA	NA	NA	
NA	ENSG00000223361	0.90918509	-0.03391386	0.3851015	0.47160422	NA	FTH1P10
NA	ENSG00000223362	0	NA	NA	NA	NA	CDY15P
NA	ENSG00000223368	0	NA	NA	NA	NA	
NA	ENSG00000223373	0	NA	NA	NA	NA	
NA	ENSG00000223374	11.2723755	0.03238206	0.33853507	0.84475771	0.92965052	
NA	ENSG00000223375	0	NA	NA	NA	NA	
NA	ENSG00000223377	0	NA	NA	NA	NA	
NA	ENSG00000223379	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
NA	ENSG00000223381	0	NA	NA	NA	NA	LINC02661
NA	ENSG00000223382	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01778
NA	ENSG00000223383	0	NA	NA	NA	NA	H2ACP1
105374219	ENSG00000223387	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02068
NA	ENSG00000223389	0.3568361	0.02381818	0.38538123	0.61393876	NA	SDCBP2P1
NA	ENSG00000223390	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000223391	0	NA	NA	NA	NA	RDXP2
100874194	ENSG00000223392	0	NA	NA	NA	NA	CLDN10-AS1
NA	ENSG00000223393	11.3865264	0.30652604	0.45551237	0.12996276	0.3016864	
NA	ENSG00000223394	1.31590251	-0.05699797	0.38733107	0.29357696	NA	TRBV29OR9-2
NA	ENSG00000223395	0	NA	NA	NA	NA	RBM22P7
NA	ENSG00000223396	6.97288504	0.09515153	0.38023574	0.41918997	0.64500768	RPS10P7
NA	ENSG00000223398	0	NA	NA	NA	NA	
NA	ENSG00000223400	0	NA	NA	NA	NA	
NA	ENSG00000223402	0	NA	NA	NA	NA	
100507257	ENSG00000223403	23.951595	0.30432621	0.39504594	0.16198151	0.35042673	MEG9
NA	ENSG00000223404	0	NA	NA	NA	NA	LINC00397
NA	ENSG00000223407	0	NA	NA	NA	NA	USP9YP18
NA	ENSG00000223409	0	NA	NA	NA	NA	RPL17P17
NA	ENSG00000223410	0	NA	NA	NA	NA	
NA	ENSG00000223416	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS26P15
399939	ENSG00000223417	0	NA	NA	NA	NA	TRIM49D1
NA	ENSG00000223418	0	NA	NA	NA	NA	LIMK2P1
NA	ENSG00000223419	0	NA	NA	NA	NA	
NA	ENSG00000223421	0	NA	NA	NA	NA	
NA	ENSG00000223422	0	NA	NA	NA	NA	
NA	ENSG00000223427	0.18922458	0.01954053	0.38488496	0.78225479	NA	RBM7P1
NA	ENSG00000223428	0	NA	NA	NA	NA	
NA	ENSG00000223429	0	NA	NA	NA	NA	

NA	ENSG00000223430	0	NA	NA	NA	NA	
NA	ENSG00000223431	0.37844916	0.02407552	0.3854191	0.60038877	NA	MTND6P21
NA	ENSG00000223432	0	NA	NA	NA	NA	
NA	ENSG00000223433	0	NA	NA	NA	NA	RPS29P9
NA	ENSG00000223436	0	NA	NA	NA	NA	
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NA	ENSG00000223438	0	NA	NA	NA	NA	
NA	ENSG00000223440	0	NA	NA	NA	NA	
101927761	ENSG00000223442	1.00238525	-0.01772782	0.38071748	0.76744566	NA	TH2LCRR
377630	ENSG00000223443	4.02423274	-0.03655252	0.36942436	0.74014525	0.87736188	USP17L2
401447	ENSG00000223443	4.02423274	-0.03655252	0.36942436	0.74014525	0.87736188	USP17L2
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NA	ENSG00000223450	0	NA	NA	NA	NA	
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104326189	ENSG00000223458	0	NA	NA	NA	NA	LMO7DN-IT1
NA	ENSG00000223459	779.4286	0.07605035	0.10028401	0.4326193	0.65796603	TCAF1P1
NA	ENSG00000223460	0	NA	NA	NA	NA	GAPDHP69
NA	ENSG00000223461	1.21600684	0.00920354	0.38136272	0.86238152	NA	
NA	ENSG00000223462	0	NA	NA	NA	NA	
NA	ENSG00000223466	0	NA	NA	NA	NA	LINC01825
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NA	ENSG00000223469	0	NA	NA	NA	NA	
NA	ENSG00000223470	0	NA	NA	NA	NA	LINC02629
NA	ENSG00000223475	0.54931949	0.03276729	0.38622052	0.45390192	NA	
NA	ENSG00000223476	1.40806841	-0.02362453	0.37959761	0.73175577	NA	VN1R42P
100506100	ENSG00000223478	17.2811994	0.04199309	0.32482869	0.81422334	0.91592004	
NA	ENSG00000223479	0	NA	NA	NA	NA	LINC02238
728190	ENSG00000223482	715.993684	-0.17713277	0.09195961	0.04681836	0.14159698	NUTM2A-AS1
NA	ENSG00000223484	0.33471731	0.02354391	0.38534154	0.62842204	NA	TRPC6P
NA	ENSG00000223485	0	NA	NA	NA	NA	LINC01615
NA	ENSG00000223486	94.8901182	-0.38906272	0.23213448	0.04228719	0.13108695	
NA	ENSG00000223487	0	NA	NA	NA	NA	FRMPD4-AS1
NA	ENSG00000223488	0	NA	NA	NA	NA	MAPK6P2
NA	ENSG00000223489	0.173124	-0.01911262	0.38486262	0.84537521	NA	NEFHP1
NA	ENSG00000223490	0	NA	NA	NA	NA	CHCHD2P5

NA	ENSG00000223492	0	NA	NA	NA	NA	
NA	ENSG00000223495	0	NA	NA	NA	NA	
118460	ENSG00000223496	1134.10124	-0.05924326	0.09179646	0.50563434	0.72177288	EXOSC6
NA	ENSG00000223497	0	NA	NA	NA	NA	H2BL1P
NA	ENSG00000223498	0	NA	NA	NA	NA	SLC35C2P1
NA	ENSG00000223500	0	NA	NA	NA	NA	RNF14P4
6293	ENSG00000223501	996.000258	0.19541044	0.08992023	0.02519335	0.08767516	VPS52
102724719	ENSG00000223502	1.61683869	0.06782035	0.38784229	0.31996005	NA	
NA	ENSG00000223503	2.01396185	0.03252578	0.37716246	0.70036407	NA	
102723883	ENSG00000223504	0	NA	NA	NA	NA	
NA	ENSG00000223505	0.70241524	0.0204724	0.38358235	0.6136607	NA	RPL35AP5
NA	ENSG00000223506	0	NA	NA	NA	NA	SLC20A1P1
NA	ENSG00000223508	47.2763945	-0.14425801	0.27488071	0.46474846	0.68748952	RPL23AP53
NA	ENSG00000223509	121.640788	-0.06973168	0.1839557	0.6649613	0.83454529	
146822	ENSG00000223510	6.54528855	0.10560417	0.37000565	0.46912999	0.69153662	CDRT15
NA	ENSG00000223511	0	NA	NA	NA	NA	
NA	ENSG00000223513	0	NA	NA	NA	NA	ATP6V0E1P2
NA	ENSG00000223514	0	NA	NA	NA	NA	
NA	ENSG00000223516	0	NA	NA	NA	NA	AFF2-IT1
NA	ENSG00000223517	0	NA	NA	NA	NA	
NA	ENSG00000223518	1.85914298	-0.0251385	0.37652447	0.76222134	NA	CSNK1A1P1
NA	ENSG00000223519	0.34746601	0.02370763	0.3853651	0.61987128	NA	KIF28P
NA	ENSG00000223522	12.8630942	0.1091994	0.35676027	0.50612711	0.72179139	
NA	ENSG00000223523	0	NA	NA	NA	NA	
NA	ENSG00000223525	0	NA	NA	NA	NA	RABGAP1L-IT1
NA	ENSG00000223528	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000223529	0.18922458	0.01954053	0.38488496	0.78225479	NA	EEF1A1P8
NA	ENSG00000223530	0	NA	NA	NA	NA	
106480429	ENSG00000223534	0	NA	NA	NA	NA	HLA-DQB1-AS1
NA	ENSG00000223536	0	NA	NA	NA	NA	
NA	ENSG00000223537	0	NA	NA	NA	NA	
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NA	ENSG00000223539	0	NA	NA	NA	NA	
NA	ENSG00000223540	0	NA	NA	NA	NA	RPS15AP5
NA	ENSG00000223542	0	NA	NA	NA	NA	
NA	ENSG00000223543	0.33471731	0.02354391	0.38534154	0.62842204	NA	TCEAL4P1
NA	ENSG00000223544	0	NA	NA	NA	NA	
NA	ENSG00000223546	93.6105015	-0.08600651	0.21972362	0.63264437	0.81417935	LINC00630

284391	ENSG00000223547	166.666395	-0.08229366	0.19942687	0.627882	0.81117654	ZNF844
NA	ENSG00000223548	0	NA	NA	NA	NA	ACSL6-AS1
NA	ENSG00000223549	4.18685113	-0.07610207	0.37926935	0.47540764	0.69758802	MTND5P28
NA	ENSG00000223550	0	NA	NA	NA	NA	SNRPBP1
NA	ENSG00000223551	2.53546304	0.00529394	0.37291615	0.95601687	NA	TMSB4XP4
NA	ENSG00000223552	0	NA	NA	NA	NA	CCR5AS
NA	ENSG00000223553	0.56767373	0.02627943	0.38574813	0.49686938	NA	SMPD4P1
NA	ENSG00000223554	0	NA	NA	NA	NA	
NA	ENSG00000223555	0	NA	NA	NA	NA	USP9YP23
NA	ENSG00000223558	0.45209736	-0.02505403	0.38558831	0.57865948	NA	TRIM60P17
NA	ENSG00000223559	0.173733	0.01914545	0.38484597	0.78225479	NA	
646588	ENSG00000223561	1.91334719	-0.03903027	0.3779375	0.64375862	NA	
NA	ENSG00000223563	0	NA	NA	NA	NA	
NA	ENSG00000223564	0	NA	NA	NA	NA	CYP4F32P
NA	ENSG00000223565	0	NA	NA	NA	NA	
NA	ENSG00000223566	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TNRC18P2
NA	ENSG00000223568	0	NA	NA	NA	NA	RPL3P11
100288520	ENSG00000223569	0	NA	NA	NA	NA	USP17L15
NA	ENSG00000223570	0	NA	NA	NA	NA	
NA	ENSG00000223571	3.42460049	0.01291799	0.36833776	0.90671408	0.95942439	DHRX-IT1
548596	ENSG00000223572	515.606104	-1.33967196	0.13632977	4.95E-24	2.28E-22	CKMT1A
NA	ENSG00000223573	12.8866305	1.57470321	1.09256685	0.00417834	0.02002468	TINCR
NA	ENSG00000223574	0	NA	NA	NA	NA	TPMTP4
NA	ENSG00000223575	0	NA	NA	NA	NA	RBMX2P3
NA	ENSG00000223576	0	NA	NA	NA	NA	
105376386	ENSG00000223581	0	NA	NA	NA	NA	LINC02665
NA	ENSG00000223583	2.68027957	-0.06785215	0.3802188	0.48392658	0.70415528	
NA	ENSG00000223584	0	NA	NA	NA	NA	TVP23CP1
NA	ENSG00000223586	0	NA	NA	NA	NA	LINC01312
NA	ENSG00000223587	0	NA	NA	NA	NA	LINC01986
NA	ENSG00000223589	0	NA	NA	NA	NA	
NA	ENSG00000223592	0	NA	NA	NA	NA	FNDC3CP
NA	ENSG00000223593	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000223595	0	NA	NA	NA	NA	LYPLA1P1
105374644	ENSG00000223597	0	NA	NA	NA	NA	LINC02142
NA	ENSG00000223598	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000223599	1.50674681	0.07590311	0.39217373	0.19043684	NA	
NA	ENSG00000223600	0	NA	NA	NA	NA	EEF1A1P41

340900	ENSG00000223601	0.52348248	0.03151913	0.38609263	0.47197437	NA	EBLN1
NA	ENSG00000223602	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000223603	0	NA	NA	NA	NA	CRPP1
NA	ENSG00000223604	0	NA	NA	NA	NA	RPL17P13
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NA	ENSG00000223608	0	NA	NA	NA	NA	DSCR4-IT1
3045	ENSG00000223609	0	NA	NA	NA	NA	HBD
170067	ENSG00000223611	7.50005863	-0.31952073	0.51546815	0.07912725	0.20982153	SUPT20HL2
NA	ENSG00000223612	0	NA	NA	NA	NA	
730291	ENSG00000223614	0	NA	NA	NA	NA	ZNF735
NA	ENSG00000223615	0	NA	NA	NA	NA	
NA	ENSG00000223617	0	NA	NA	NA	NA	LINC00370
NA	ENSG00000223619	0.34120383	0.02362724	0.38535351	0.62405605	NA	MTCO1P17
NA	ENSG00000223620	0	NA	NA	NA	NA	RBM48P1
NA	ENSG00000223621	0.14931947	-0.01844332	0.38480212	0.84537521	NA	AK4P4
NA	ENSG00000223622	0	NA	NA	NA	NA	GSTA6P
NA	ENSG00000223623	0	NA	NA	NA	NA	
NA	ENSG00000223624	0	NA	NA	NA	NA	
NA	ENSG00000223625	0	NA	NA	NA	NA	CYCSP32
104266956	ENSG00000223626	0	NA	NA	NA	NA	LINC01044
NA	ENSG00000223628	0	NA	NA	NA	NA	
449491	ENSG00000223629	0	NA	NA	NA	NA	DEFA8P
NA	ENSG00000223631	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01120
NA	ENSG00000223634	0.30001544	-0.02294458	0.38527538	0.68644902	NA	
NA	ENSG00000223635	0	NA	NA	NA	NA	
159125	ENSG00000223637	0	NA	NA	NA	NA	RBMV2EP
342931	ENSG00000223638	0	NA	NA	NA	NA	RFPL4A
NA	ENSG00000223640	0	NA	NA	NA	NA	RPL30P3
NA	ENSG00000223641	0	NA	NA	NA	NA	TTY17C
NA	ENSG00000223642	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000223643	0	NA	NA	NA	NA	
101928012	ENSG00000223646	1.31148895	0.03049385	0.38020957	0.65822698	NA	
105374449	ENSG00000223647	0	NA	NA	NA	NA	LINC01946
NA	ENSG00000223648	0	NA	NA	NA	NA	IGHV3-64
NA	ENSG00000223649	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000223650	2.21372618	0.04807925	0.37933298	0.57378937	NA	UHRF2P1
NA	ENSG00000223651	0	NA	NA	NA	NA	
NA	ENSG00000223652	0.48883602	-0.0140209	0.38312405	0.78256163	NA	

NA	ENSG00000223653	2.0451234	-0.05496907	0.3819712	0.48765454	NA	
NA	ENSG00000223656	0	NA	NA	NA	NA	HMGB3P10
NA	ENSG00000223657	0	NA	NA	NA	NA	KRT8P51
728819	ENSG00000223658	77.4108021	0.14428141	0.23278313	0.44107248	0.66597245	C1GALT1C1L
NA	ENSG00000223660	0	NA	NA	NA	NA	
100874190	ENSG00000223662	0	NA	NA	NA	NA	SAMSN1-AS1
NA	ENSG00000223663	0.16735865	0.01897177	0.38482933	0.78225479	NA	NDUFB4P8
NA	ENSG00000223665	0	NA	NA	NA	NA	
NA	ENSG00000223668	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EEF1A1P24
NA	ENSG00000223669	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000223671	0	NA	NA	NA	NA	RPL34P3
NA	ENSG00000223672	0	NA	NA	NA	NA	
NA	ENSG00000223675	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000223676	0	NA	NA	NA	NA	RPL34P26
NA	ENSG00000223677	0	NA	NA	NA	NA	OR2AD1P
NA	ENSG00000223679	0	NA	NA	NA	NA	
NA	ENSG00000223683	0	NA	NA	NA	NA	RPSAP65
NA	ENSG00000223684	0	NA	NA	NA	NA	IFNWP18
100874188	ENSG00000223685	1.1507877	-0.00795968	0.38043264	0.89199196	NA	LINC00571
NA	ENSG00000223688	0	NA	NA	NA	NA	RPS24P14
NA	ENSG00000223691	0	NA	NA	NA	NA	
100862692	ENSG00000223692	0.79262331	-0.0043429	0.38213066	0.92623271	NA	DIP2A-IT1
NA	ENSG00000223694	0.50781267	0.03075244	0.38601728	0.4833299	NA	ADH5P3
NA	ENSG00000223695	1.22914326	0.07310554	0.39071032	0.23155706	NA	
NA	ENSG00000223697	10.8255901	-0.10404421	0.34941376	0.5367751	0.74734999	
NA	ENSG00000223698	0	NA	NA	NA	NA	GOLGA6L11P
100652739	ENSG00000223701	0	NA	NA	NA	NA	RAET1E-AS1
NA	ENSG00000223702	0	NA	NA	NA	NA	ZDHHC20P2
NA	ENSG00000223703	0	NA	NA	NA	NA	
NA	ENSG00000223704	8.24215986	-0.09317042	0.37113436	0.48452054	0.70468159	LINC01422
155400	ENSG00000223705	2627.42775	0.45971731	0.07266687	1.14E-10	2.18E-09	NSUN5P1
NA	ENSG00000223707	0.173733	0.01914545	0.38484597	0.78225479	NA	SFR1P2
NA	ENSG00000223709	0	NA	NA	NA	NA	TRIM64EP
NA	ENSG00000223710	0	NA	NA	NA	NA	CRYGGP
NA	ENSG00000223711	0	NA	NA	NA	NA	
105373185	ENSG00000223714	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02601
NA	ENSG00000223715	0.84950558	0.04951069	0.38855717	0.26952443	NA	LINC01208
NA	ENSG00000223716	0	NA	NA	NA	NA	

NA	ENSG00000223717	0	NA	NA	NA	NA	DNAJA1P1
NA	ENSG00000223718	1.33313692	-0.01990605	0.37853961	0.78305313	NA	
NA	ENSG00000223719	0	NA	NA	NA	NA	
NA	ENSG00000223720	0	NA	NA	NA	NA	
NA	ENSG00000223721	0	NA	NA	NA	NA	UQCRFS1P2
NA	ENSG00000223722	0	NA	NA	NA	NA	IFITM3P2
NA	ENSG00000223723	0	NA	NA	NA	NA	TFDP1P2
NA	ENSG00000223724	0	NA	NA	NA	NA	RAD17P2
NA	ENSG00000223725	0.78641457	-0.00711801	0.38152951	0.89090037	NA	
NA	ENSG00000223726	0	NA	NA	NA	NA	
NA	ENSG00000223727	0	NA	NA	NA	NA	
NA	ENSG00000223728	0	NA	NA	NA	NA	
105376310	ENSG00000223729	0.79051527	-0.03681989	0.38394091	0.50577854	NA	LINC02247
NA	ENSG00000223730	1.00162917	-0.02141708	0.38101579	0.72119984	NA	
100130302	ENSG00000223731	0	NA	NA	NA	NA	SUPT20HL1
NA	ENSG00000223732	0	NA	NA	NA	NA	
NA	ENSG00000223733	0	NA	NA	NA	NA	RPL18AP14
NA	ENSG00000223734	0.49826236	-0.01024142	0.38283645	0.82742988	NA	LAPTM4A-DT
NA	ENSG00000223735	0	NA	NA	NA	NA	OR51B3P
NA	ENSG00000223738	0	NA	NA	NA	NA	
NA	ENSG00000223739	0	NA	NA	NA	NA	RPS15AP15
NA	ENSG00000223740	0	NA	NA	NA	NA	
NA	ENSG00000223741	0	NA	NA	NA	NA	PSMD4P1
NA	ENSG00000223742	0	NA	NA	NA	NA	
NA	ENSG00000223744	0	NA	NA	NA	NA	RBMV2GP
NA	ENSG00000223745	366.916629	0.71223407	0.13590673	3.57E-08	4.99E-07	CCDC18-AS1
NA	ENSG00000223746	0	NA	NA	NA	NA	ELOCP30
NA	ENSG00000223749	13.2078237	0.17099064	0.36290041	0.35367351	0.58401019	MIR503HG
NA	ENSG00000223750	0	NA	NA	NA	NA	SIRPB3P
NA	ENSG00000223751	0.35629188	0.02381426	0.38538062	0.61421363	NA	
NA	ENSG00000223753	0	NA	NA	NA	NA	
NA	ENSG00000223754	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000223756	21.127984	-0.119967	0.35798324	0.46124223	0.68434385	TSSC2
285103	ENSG00000223760	0	NA	NA	NA	NA	MED15P9
NA	ENSG00000223761	0	NA	NA	NA	NA	
100130417	ENSG00000223764	439.563355	0.25488752	0.12184559	0.02699058	0.09245391	LINC02593
NA	ENSG00000223765	0	NA	NA	NA	NA	LINC01626
642852	ENSG00000223768	1620.87011	-0.20072064	0.09737482	0.03256693	0.10707998	LINC00205

101927356	ENSG00000223770	0.8227359	0.02001962	0.38151963	0.72234582	NA	CACNA2D1-AS1
NA	ENSG00000223772	0	NA	NA	NA	NA	GEMIN8P3
401577	ENSG00000223773	21.9064866	0.40227841	0.46434635	0.08962313	0.22992799	CD99P1
NA	ENSG00000223774	0	NA	NA	NA	NA	
100287902	ENSG00000223776	2.91499284	-0.03526122	0.37229701	0.7285824	0.87026999	LGALS8-AS1
NA	ENSG00000223777	0	NA	NA	NA	NA	
NA	ENSG00000223779	0	NA	NA	NA	NA	
NA	ENSG00000223782	0	NA	NA	NA	NA	RPS21P8
NA	ENSG00000223783	0	NA	NA	NA	NA	LINC01983
NA	ENSG00000223784	0	NA	NA	NA	NA	LINP1
101928516	ENSG00000223786	0	NA	NA	NA	NA	
NA	ENSG00000223787	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000223788	0	NA	NA	NA	NA	DIS3L2P1
100874092	ENSG00000223791	3.1125237	0.01454855	0.37012816	0.88948317	0.95181279	UBE2E1-AS1
NA	ENSG00000223794	0	NA	NA	NA	NA	COX5BP8
NA	ENSG00000223795	0	NA	NA	NA	NA	
285266	ENSG00000223797	23.8829829	0.23879842	0.35606691	0.24963148	0.46927124	ENTPD3-AS1
NA	ENSG00000223799	7.07489387	-0.00137306	0.36191059	0.98857948	0.99604194	IL10RB-DT
NA	ENSG00000223800	0	NA	NA	NA	NA	
10715	ENSG00000223802	271.002221	-0.54540925	0.15623844	0.00015779	0.00114714	CERS1
NA	ENSG00000223803	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS20P14
NA	ENSG00000223804	0.48738179	0.01111128	0.38338641	0.78771732	NA	
400866	ENSG00000223806	0	NA	NA	NA	NA	LINC00114
NA	ENSG00000223807	0.173124	-0.01911262	0.38486262	0.84537521	NA	BOLA3P4
NA	ENSG00000223808	0	NA	NA	NA	NA	
NA	ENSG00000223809	0	NA	NA	NA	NA	
NA	ENSG00000223810	0	NA	NA	NA	NA	KRT8P28
NA	ENSG00000223811	0	NA	NA	NA	NA	
NA	ENSG00000223812	423.275632	-0.53893542	0.11886773	2.02E-06	2.18E-05	
NA	ENSG00000223813	2.05608862	0.08116655	0.39225957	0.22650649	NA	
NA	ENSG00000223814	0	NA	NA	NA	NA	
NA	ENSG00000223815	0	NA	NA	NA	NA	DIAPH3-AS2
NA	ENSG00000223816	0	NA	NA	NA	NA	IGKV1OR2-2
NA	ENSG00000223817	0	NA	NA	NA	NA	CDH23-AS1
NA	ENSG00000223819	0	NA	NA	NA	NA	PPIAP89
142913	ENSG00000223820	10.7187896	0.47120466	0.6579734	0.04535632	0.13797445	CFLIP1
NA	ENSG00000223822	0.30001612	-0.02294459	0.38527538	0.6864486	NA	EEF1A1P1
254099	ENSG00000223823	0	NA	NA	NA	NA	LINC01342

	NA	ENSG00000223824	0	NA	NA	NA	NA	TERF1P6
	NA	ENSG00000223825	0.4675734	-0.00964178	0.38289175	0.84706536	NA	DAZAP2P1
	NA	ENSG00000223826	0	NA	NA	NA	NA	LINC01870
	NA	ENSG00000223828	0	NA	NA	NA	NA	BANF1P4
105375267	NA	ENSG00000223829	0	NA	NA	NA	NA	
	NA	ENSG00000223831	0	NA	NA	NA	NA	
	NA	ENSG00000223834	3.39676651	-0.02028503	0.37445815	0.81852464	0.9171248	
	NA	ENSG00000223836	0	NA	NA	NA	NA	
	NA	ENSG00000223837	1.62364463	0.08787009	0.39814998	0.07834099	NA	
	NA	ENSG00000223838	0	NA	NA	NA	NA	
100133036	NA	ENSG00000223839	43.7183142	-0.11118834	0.31306599	0.55706599	0.76248287	FAM95B1
	NA	ENSG00000223841	0	NA	NA	NA	NA	
	NA	ENSG00000223842	2.29144709	-0.1421394	0.41713849	0.0653179	NA	
	NA	ENSG00000223843	0	NA	NA	NA	NA	EFCAB6-AS1
	NA	ENSG00000223845	0.173733	0.01914545	0.38484597	0.78225479	NA	VN1R40P
	NA	ENSG00000223847	0	NA	NA	NA	NA	
	NA	ENSG00000223849	1.24539674	-0.08415118	0.39640573	0.12101916	NA	
103752554	NA	ENSG00000223850	0	NA	NA	NA	NA	MYCNUT
441307	NA	ENSG00000223855	0.56803228	-0.00224154	0.38247003	0.94737375	NA	
	NA	ENSG00000223856	0	NA	NA	NA	NA	RAB9AP2
	NA	ENSG00000223859	0	NA	NA	NA	NA	
	NA	ENSG00000223861	0.34123463	0.00270047	0.38338578	0.96190638	NA	
105374774	NA	ENSG00000223863	0	NA	NA	NA	NA	LINC01805
	NA	ENSG00000223864	0	NA	NA	NA	NA	NPM1P19
3115	NA	ENSG00000223865	6.30225922	2.25867138	1.49364492	0.00410033	0.01970701	HLA-DPB1
	NA	ENSG00000223866	0	NA	NA	NA	NA	
	NA	ENSG00000223867	0	NA	NA	NA	NA	
	NA	ENSG00000223869	0	NA	NA	NA	NA	
	NA	ENSG00000223870	0	NA	NA	NA	NA	
	NA	ENSG00000223872	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000223873	0	NA	NA	NA	NA	SAP18P2
	NA	ENSG00000223874	0	NA	NA	NA	NA	LINC01921
	NA	ENSG00000223875	0	NA	NA	NA	NA	NBEAP3
	NA	ENSG00000223876	0	NA	NA	NA	NA	RPS27P1
	NA	ENSG00000223877	0	NA	NA	NA	NA	RPS8P10
	NA	ENSG00000223878	6.7095777	-0.01139483	0.35450692	0.93203202	0.97175445	PPIAP53
	NA	ENSG00000223880	0	NA	NA	NA	NA	LINC01078
	NA	ENSG00000223881	0	NA	NA	NA	NA	

100873982	ENSG00000223882	0	NA	NA	NA	NA	ABCC5-AS1
105378785	ENSG00000223883	0	NA	NA	NA	NA	LINC01707
101929452	ENSG00000223884	1.96196807	-0.01020743	0.37393921	0.9077989	NA	
NA	ENSG00000223885	0	NA	NA	NA	NA	FAM90A13P
NA	ENSG00000223886	4.09229832	0.10896149	0.38388489	0.37717923	0.60602818	
NA	ENSG00000223889	0	NA	NA	NA	NA	
NA	ENSG00000223890	0	NA	NA	NA	NA	
100505783	ENSG00000223891	137.464025	-0.06473117	0.19148959	0.69537062	0.85294273	OSER1-DT
NA	ENSG00000223893	0	NA	NA	NA	NA	GNL2P1
NA	ENSG00000223896	0	NA	NA	NA	NA	CCNJ2P2
NA	ENSG00000223897	0	NA	NA	NA	NA	
NA	ENSG00000223899	0.34624801	-0.02356563	0.38536324	0.65270996	NA	SEC13P1
NA	ENSG00000223901	1.50170741	0.02043117	0.37789977	0.78831546	NA	
NA	ENSG00000223903	0	NA	NA	NA	NA	RPL23P4
NA	ENSG00000223904	0	NA	NA	NA	NA	HMGB1P12
NA	ENSG00000223905	0	NA	NA	NA	NA	
NA	ENSG00000223906	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000223908	0	NA	NA	NA	NA	
414201	ENSG00000223910	0.34746601	0.02370763	0.3853651	0.61987128	NA	ZNF32-AS3
NA	ENSG00000223911	0	NA	NA	NA	NA	
NA	ENSG00000223912	0	NA	NA	NA	NA	EEF1A1P36
NA	ENSG00000223914	0	NA	NA	NA	NA	LINC02471
NA	ENSG00000223915	0	NA	NA	NA	NA	DPPA2P1
NA	ENSG00000223916	0	NA	NA	NA	NA	
NA	ENSG00000223917	0	NA	NA	NA	NA	
NA	ENSG00000223918	0	NA	NA	NA	NA	
NA	ENSG00000223920	0	NA	NA	NA	NA	
NA	ENSG00000223921	0	NA	NA	NA	NA	MTND1P27
NA	ENSG00000223922	3.26228294	-0.03749147	0.36978845	0.73231422	0.87210781	ASS1P2
105373878	ENSG00000223923	4.76217287	0.03346822	0.36329935	0.7903856	0.90449619	TNS1-AS1
NA	ENSG00000223928	0	NA	NA	NA	NA	NUP35P1
NA	ENSG00000223930	1.82753414	0.02161115	0.37788203	0.77212512	NA	
NA	ENSG00000223931	0	NA	NA	NA	NA	
NA	ENSG00000223935	1.78016184	0.01172033	0.37854457	0.86522126	NA	LGALSL-DT
NA	ENSG00000223940	0.51423473	0.01253084	0.38289555	0.75919031	NA	KRT8P8
100874330	ENSG00000223941	0	NA	NA	NA	NA	LINC01014
NA	ENSG00000223942	0	NA	NA	NA	NA	
NA	ENSG00000223944	0	NA	NA	NA	NA	

NA	ENSG00000223945	6.81922397	0.01900666	0.35318329	0.89521614	0.95469109	
NA	ENSG00000223946	0	NA	NA	NA	NA	
NA	ENSG00000223947	0.51174488	-0.00985885	0.38277279	0.82072807	NA	
NA	ENSG00000223948	0	NA	NA	NA	NA	
101927034	ENSG00000223949	97.6824618	0.42331629	0.28195561	0.04997562	0.14894341	ROR1-AS1
NA	ENSG00000223951	0	NA	NA	NA	NA	H2ACP2
114902	ENSG00000223953	56.8215656	-0.38492833	0.28716521	0.0738357	0.19917068	C1QTNF5
NA	ENSG00000223955	0	NA	NA	NA	NA	MTND6P1
105378744	ENSG00000223956	23.6666259	0.18484798	0.33651247	0.35476199	0.58527174	LINC01767
NA	ENSG00000223958	0	NA	NA	NA	NA	
172	ENSG00000223959	732.043106	0.19362798	0.1057113	0.05630754	0.16311018	AFG3L1P
101927027	ENSG00000223960	826.376857	-0.10470128	0.1032268	0.29063017	0.51667585	CHROMR
NA	ENSG00000223962	0	NA	NA	NA	NA	UBBP3
NA	ENSG00000223963	3.56311567	-0.25284902	0.49756127	0.03556369	0.11472905	THAP12P8
NA	ENSG00000223965	0	NA	NA	NA	NA	ZNF587P1
NA	ENSG00000223967	0	NA	NA	NA	NA	
NA	ENSG00000223968	0	NA	NA	NA	NA	
NA	ENSG00000223969	15.6645285	0.01811821	0.33797009	0.91145719	0.96229611	
NA	ENSG00000223970	0	NA	NA	NA	NA	
84771	ENSG00000223972	0.33471731	0.02354391	0.38534154	0.62842204	NA	DDX11L1
727856	ENSG00000223972	0.33471731	0.02354391	0.38534154	0.62842204	NA	DDX11L1
100287102	ENSG00000223972	0.33471731	0.02354391	0.38534154	0.62842204	NA	DDX11L1
100287596	ENSG00000223972	0.33471731	0.02354391	0.38534154	0.62842204	NA	DDX11L1
102725121	ENSG00000223972	0.33471731	0.02354391	0.38534154	0.62842204	NA	DDX11L1
NA	ENSG00000223973	0	NA	NA	NA	NA	PAFAH1B1P2
NA	ENSG00000223974	1.48700662	-0.00198232	0.37692629	0.9784422	NA	BNIP3P42
NA	ENSG00000223975	0	NA	NA	NA	NA	
NA	ENSG00000223976	0	NA	NA	NA	NA	EXTL2P1
NA	ENSG00000223977	0	NA	NA	NA	NA	
NA	ENSG00000223978	0	NA	NA	NA	NA	ZNF736P1Y
105371564	ENSG00000223979	2.20626596	-0.02178127	0.37593148	0.79455609	NA	SMCR2
NA	ENSG00000223982	0	NA	NA	NA	NA	SNRPD2P2
NA	ENSG00000223984	0.34030368	0.00229548	0.38337911	0.9657716	NA	HNRNPRP1
727944	ENSG00000223985	0	NA	NA	NA	NA	LINC01874
NA	ENSG00000223986	0	NA	NA	NA	NA	
NA	ENSG00000223987	0	NA	NA	NA	NA	RPL26P28
NA	ENSG00000223989	0	NA	NA	NA	NA	
NA	ENSG00000223991	0	NA	NA	NA	NA	

101929646	ENSG00000223993	0	NA	NA	NA	NA	LINC02647	
	NA	ENSG00000223995	0	NA	NA	NA	RPL32P35	
	NA	ENSG00000223997	0	NA	NA	NA	TRDD1	
	NA	ENSG00000223999	0	NA	NA	NA		
	NA	ENSG00000224000	0	NA	NA	NA		
	NA	ENSG00000224001	0	NA	NA	NA		
	NA	ENSG00000224003	7.30382162	-0.13423703	0.37927822	0.36921188	0.59862194	YES1P1
	NA	ENSG00000224004	0	NA	NA	NA	NA	ATP5F1CP1
	NA	ENSG00000224007	0.15069912	-0.01848503	0.38480575	0.84537521	NA	USP12P2
101927796	ENSG00000224008	64.0644645	-0.02577112	0.23637134	0.8887027	0.95146564	LINC01441	
	NA	ENSG00000224011	0	NA	NA	NA	NA	
	NA	ENSG00000224012	0	NA	NA	NA	NA	
	NA	ENSG00000224014	0	NA	NA	NA	NA	
	NA	ENSG00000224015	0	NA	NA	NA	NA	
	NA	ENSG00000224016	0	NA	NA	NA	NA	
101928773	ENSG00000224017	2.61248463	0.17028776	0.42991563	0.07953859	0.2105454	LINC01449	
	NA	ENSG00000224018	0	NA	NA	NA	NA	
	NA	ENSG00000224019	1.1231839	-0.00386503	0.37871884	0.95437589	NA	RPL21P32
	NA	ENSG00000224020	24.747923	0.08251599	0.30587952	0.66649437	0.83560485	MIR181A2HG
399821	ENSG00000224023	11.0095021	-0.03757872	0.33823464	0.81669454	0.9166503	EDRF1-DT	
	NA	ENSG00000224025	0	NA	NA	NA	NA	
	NA	ENSG00000224027	0	NA	NA	NA	NA	
	NA	ENSG00000224028	0	NA	NA	NA	NA	LINC01853
	NA	ENSG00000224029	0	NA	NA	NA	NA	
	NA	ENSG00000224031	0.49642464	-0.02953651	0.38590531	0.52508093	NA	TCEAL3-AS1
	NA	ENSG00000224032	624.940892	0.12185339	0.11498054	0.26658608	0.48900406	EPB41L4A-AS1
	NA	ENSG00000224033	0	NA	NA	NA	NA	CDY8P
110806285	ENSG00000224034	0	NA	NA	NA	NA	LINC02561	
	NA	ENSG00000224035	0	NA	NA	NA	NA	SFPQP1
	NA	ENSG00000224038	0	NA	NA	NA	NA	
	NA	ENSG00000224039	0.16735865	0.01897177	0.38482933	0.78225479	NA	CDYLP1
	NA	ENSG00000224040	0	NA	NA	NA	NA	HMG1P4
	NA	ENSG00000224041	0	NA	NA	NA	NA	IGKV3D-15
	NA	ENSG00000224042	0	NA	NA	NA	NA	MTND4P6
	NA	ENSG00000224043	72.0011582	-0.13146925	0.24143431	0.4870579	0.70694482	CCNT2-AS1
	NA	ENSG00000224045	0	NA	NA	NA	NA	PAEPP1
101927420	ENSG00000224046	18.6136457	-0.28372113	0.39185994	0.18106972	0.37826927		
101929282	ENSG00000224048	0	NA	NA	NA	NA	LINC02612	

NA	ENSG00000224049	0	NA	NA	NA	NA	
80772	ENSG00000224051	431.855698	0.17180548	0.11987543	0.13143066	0.30411845	CPTP
NA	ENSG00000224054	0	NA	NA	NA	NA	
NA	ENSG00000224055	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAPDHP55
100507500	ENSG00000224057	2.19227875	-0.13657614	0.41436447	0.07176138	NA	EGFR-AS1
NA	ENSG00000224058	0	NA	NA	NA	NA	
NA	ENSG00000224059	0	NA	NA	NA	NA	HSPA8P16
NA	ENSG00000224060	0	NA	NA	NA	NA	ARSLP1
NA	ENSG00000224061	0	NA	NA	NA	NA	SRSF3P4
NA	ENSG00000224062	0	NA	NA	NA	NA	TUBB4BP5
NA	ENSG00000224063	0	NA	NA	NA	NA	
NA	ENSG00000224064	0	NA	NA	NA	NA	RPL32P6
NA	ENSG00000224065	0	NA	NA	NA	NA	SRIP2
NA	ENSG00000224066	1.49604177	0.03652739	0.38138636	0.59080985	NA	
NA	ENSG00000224067	0	NA	NA	NA	NA	
NA	ENSG00000224069	0	NA	NA	NA	NA	
NA	ENSG00000224070	0	NA	NA	NA	NA	HMGNI1P6
NA	ENSG00000224071	0	NA	NA	NA	NA	DNMT3AP1
NA	ENSG00000224072	2.33078691	0.04006334	0.37513519	0.67571959	NA	VEZTP1
152024	ENSG00000224074	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC00691
252954	ENSG00000224075	0	NA	NA	NA	NA	TTY2
NA	ENSG00000224076	0	NA	NA	NA	NA	
NA	ENSG00000224077	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000224078	2060.94913	-0.79891022	0.08615776	3.52E-21	1.38E-19	SNHG14
NA	ENSG00000224079	1.51976176	0.0243727	0.37701773	0.7643735	NA	
NA	ENSG00000224080	2.17155187	0.04971538	0.37916933	0.56940692	NA	UBE2FP1
101928079	ENSG00000224081	113.151324	1.7013831	0.3072169	1.82E-09	3.03E-08	SLC44A3-AS1
NA	ENSG00000224082	0	NA	NA	NA	NA	UBTFL8
NA	ENSG00000224083	0	NA	NA	NA	NA	MTCO1P11
NA	ENSG00000224085	0	NA	NA	NA	NA	RPL23AP41
NA	ENSG00000224086	245.590029	-0.86385443	0.24653026	6.17E-05	0.00049391	PPM1F-AS1
NA	ENSG00000224087	0	NA	NA	NA	NA	POTEF-AS1
728036	ENSG00000224089	0	NA	NA	NA	NA	CT47A10
100129175	ENSG00000224090	14.4664207	0.10686799	0.34214955	0.54562545	0.7531245	
NA	ENSG00000224091	0	NA	NA	NA	NA	
NA	ENSG00000224092	0	NA	NA	NA	NA	
NA	ENSG00000224093	5.53157209	0.10924264	0.38647276	0.33591655	0.56585025	BCAR3-AS1
NA	ENSG00000224094	0.97111956	0.00670475	0.38010583	0.911919	NA	RPS24P8

105373519	ENSG00000224095	0	NA	NA	NA	NA	LINC01935
NA	ENSG00000224097	6.65517067	0.4909616	0.84194565	0.02354699	0.08302334	
NA	ENSG00000224099	0.3237537	0.00189789	0.38337402	0.96291217	NA	
NA	ENSG00000224100	0	NA	NA	NA	NA	
100861514	ENSG00000224101	0	NA	NA	NA	NA	ELMO1-AS1
NA	ENSG00000224104	0	NA	NA	NA	NA	
NA	ENSG00000224106	0	NA	NA	NA	NA	CYP4F25P
100129515	ENSG00000224107	0	NA	NA	NA	NA	ETDB
347549	ENSG00000224109	14.2539697	5.74933715	1.42144699	2.07E-06	2.22E-05	CENPVL3
NA	ENSG00000224110	0	NA	NA	NA	NA	MTRF1LP2
NA	ENSG00000224114	0.78950904	-0.0363109	0.383861	0.51018091	NA	
285954	ENSG00000224116	7.1285099	-0.05612062	0.35992929	0.6832085	0.84559306	INHBA-AS1
NA	ENSG00000224117	0.173733	0.01914545	0.38484597	0.78225479	NA	PTPN2P2
NA	ENSG00000224121	0.29863895	-0.02292439	0.3852726	0.68753245	NA	ATG12P2
100861520	ENSG00000224122	0	NA	NA	NA	NA	POU6F2-AS1
NA	ENSG00000224124	0	NA	NA	NA	NA	POM121L10P
NA	ENSG00000224126	2.36232789	0.03646324	0.37650717	0.68237961	NA	UBE2SP2
NA	ENSG00000224127	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000224128	0.64788017	-0.0378337	0.38680023	0.40944178	NA	LINC01248
NA	ENSG00000224129	0	NA	NA	NA	NA	DPPA2P2
NA	ENSG00000224132	0	NA	NA	NA	NA	
NA	ENSG00000224134	0	NA	NA	NA	NA	
NA	ENSG00000224136	0	NA	NA	NA	NA	
NA	ENSG00000224137	0	NA	NA	NA	NA	LINC01857
NA	ENSG00000224138	10.4444738	-0.0359079	0.33969233	0.8229652	0.91934852	
NA	ENSG00000224141	0	NA	NA	NA	NA	MIR548XHG
NA	ENSG00000224142	0.73281975	0.02387551	0.383934	0.58231019	NA	AMMECR1-IT1
NA	ENSG00000224144	0	NA	NA	NA	NA	ASH2LP1
NA	ENSG00000224149	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000224151	0	NA	NA	NA	NA	USP9YP28
NA	ENSG00000224152	49.8672724	0.12636744	0.27423489	0.52283976	0.73594472	
105374250	ENSG00000224153	0	NA	NA	NA	NA	LINC02054
NA	ENSG00000224155	0	NA	NA	NA	NA	
414760	ENSG00000224157	0.65859991	0.0053266	0.38196456	0.90972226	NA	HCG14
NA	ENSG00000224159	0	NA	NA	NA	NA	HMGB1P9
NA	ENSG00000224160	0	NA	NA	NA	NA	CICP10
NA	ENSG00000224161	0	NA	NA	NA	NA	RPS26P54
NA	ENSG00000224162	0	NA	NA	NA	NA	UQCRHP3

	NA	ENSG00000224163	0.18922458	0.01954053	0.38488496	0.78225479	NA	
105374978		ENSG00000224164	0	NA	NA	NA	NA	LINC02828
729723		ENSG00000224165	45.5748379	-0.0275778	0.37233415	0.77337181	0.89577306	DNAJC27-AS1
	NA	ENSG00000224166	0	NA	NA	NA	NA	PRYP1
	NA	ENSG00000224167	28.3592436	-0.20145898	0.32726394	0.32141115	0.54914291	LINC01357
	NA	ENSG00000224169	0	NA	NA	NA	NA	HSFY6P
	NA	ENSG00000224172	0.36243771	0.00097804	0.38336484	0.96656812	NA	
102724373		ENSG00000224173	0.71110961	0.04126209	0.38727898	0.3463189	NA	LINC02831
	NA	ENSG00000224174	0	NA	NA	NA	NA	
100874055		ENSG00000224177	0	NA	NA	NA	NA	LINC00570
	NA	ENSG00000224183	2.74776497	0.0615966	0.38308281	0.45315721	0.67644871	SDHDP6
100506457		ENSG00000224184	0.82655224	-0.01878093	0.38174649	0.65854394	NA	MIR3681HG
	NA	ENSG00000224185	2.07109398	-0.10860709	0.39840419	0.19737117	NA	SNX18P9
100996485		ENSG00000224186	102.907277	-0.01030154	0.20589833	0.95140364	0.98008882	C5orf66
	NA	ENSG00000224187	0	NA	NA	NA	NA	LINC01991
	NA	ENSG00000224188	0	NA	NA	NA	NA	UBE2D3P4
401022		ENSG00000224189	344.699151	0.26407778	0.13711037	0.03889669	0.12286424	HAGLR
728327		ENSG00000224190	0	NA	NA	NA	NA	LINC02667
	NA	ENSG00000224192	0	NA	NA	NA	NA	SEZ6L-AS1
	NA	ENSG00000224194	0	NA	NA	NA	NA	
	NA	ENSG00000224195	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000224203	0	NA	NA	NA	NA	RPS23P10
100873942		ENSG00000224204	0	NA	NA	NA	NA	PHEX-AS1
	NA	ENSG00000224205	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000224207	0	NA	NA	NA	NA	
	NA	ENSG00000224208	0	NA	NA	NA	NA	ZCRB1P1
	NA	ENSG00000224209	0	NA	NA	NA	NA	LINC00466
	NA	ENSG00000224210	0	NA	NA	NA	NA	TRIM60P5Y
105376453		ENSG00000224215	0.52998506	0.01384906	0.38294405	0.73927086	NA	
	NA	ENSG00000224216	3.53634863	-0.061169	0.37828422	0.53577026	0.74651885	
	NA	ENSG00000224217	0	NA	NA	NA	NA	PRPF4BP1
	NA	ENSG00000224218	0	NA	NA	NA	NA	
	NA	ENSG00000224219	0	NA	NA	NA	NA	SEC61GP1
	NA	ENSG00000224220	0	NA	NA	NA	NA	DTNB-AS1
	NA	ENSG00000224221	0	NA	NA	NA	NA	RPS6P8
	NA	ENSG00000224222	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02636
285878		ENSG00000224223	0.61835393	-0.03593597	0.38658478	0.43083373	NA	VSTM2A-OT1
	NA	ENSG00000224224	0	NA	NA	NA	NA	HAUS1P2

26247	ENSG00000224227	0.14931947	-0.01844332	0.38480212	0.84537521	NA	OR2L1P
NA	ENSG00000224228	0	NA	NA	NA	NA	
NA	ENSG00000224231	0.32602257	0.00233004	0.38337996	0.95800211	NA	LINC01832
NA	ENSG00000224232	1.01893608	0.04663879	0.38602719	0.36725605	NA	KCTD5P1
NA	ENSG00000224233	0	NA	NA	NA	NA	OR2J4P
NA	ENSG00000224236	0	NA	NA	NA	NA	MRRFP1
NA	ENSG00000224237	0	NA	NA	NA	NA	MICOS10P3
NA	ENSG00000224238	0.16735865	0.01897177	0.38482933	0.78225479	NA	WARS2-IT1
NA	ENSG00000224239	3.26312911	0.18036785	0.42976118	0.11249963	0.27167728	
NA	ENSG00000224240	0	NA	NA	NA	NA	CYCSP49
100505996	ENSG00000224243	0	NA	NA	NA	NA	SOX1-OT
NA	ENSG00000224244	0	NA	NA	NA	NA	KRT224P
NA	ENSG00000224245	0	NA	NA	NA	NA	
NA	ENSG00000224247	0	NA	NA	NA	NA	
NA	ENSG00000224250	0	NA	NA	NA	NA	
NA	ENSG00000224251	1.11812717	0.07553147	0.39405537	0.1407611	NA	
NA	ENSG00000224252	0	NA	NA	NA	NA	
NA	ENSG00000224254	0	NA	NA	NA	NA	MTCO1P39
NA	ENSG00000224255	0.33957539	0.00265221	0.38338496	0.96313524	NA	PDCL3P6
NA	ENSG00000224256	0	NA	NA	NA	NA	
100885780	ENSG00000224257	0	NA	NA	NA	NA	VWC2L-IT1
NA	ENSG00000224259	0	NA	NA	NA	NA	LINC01133
NA	ENSG00000224260	0	NA	NA	NA	NA	
NA	ENSG00000224261	4.00140256	0.06352854	0.37266024	0.58371187	0.77995982	RPSAP18
NA	ENSG00000224263	0	NA	NA	NA	NA	CYCSP12
NA	ENSG00000224265	0	NA	NA	NA	NA	LINC02633
NA	ENSG00000224267	0	NA	NA	NA	NA	
NA	ENSG00000224269	0	NA	NA	NA	NA	
284930	ENSG00000224271	94.4190305	-0.09554987	0.21112595	0.58751605	0.78256674	
NA	ENSG00000224272	8.08908668	0.09370204	0.36762979	0.51311823	0.72835843	
NA	ENSG00000224273	1.21319313	0.01662056	0.3798127	0.79748653	NA	
NA	ENSG00000224274	0	NA	NA	NA	NA	ENSAP1
107985210	ENSG00000224276	0	NA	NA	NA	NA	ARHGEF2-AS1
NA	ENSG00000224277	0	NA	NA	NA	NA	
NA	ENSG00000224278	0	NA	NA	NA	NA	
NA	ENSG00000224279	0	NA	NA	NA	NA	RPS29P31
NA	ENSG00000224280	0.35665592	0.02381688	0.38538103	0.61402974	NA	
100303728	ENSG00000224281	32.3144523	0.38810005	0.40755491	0.09898945	0.24744245	SLC25A5-AS1

NA	ENSG00000224282	0	NA	NA	NA	NA	
284688	ENSG00000224286	0	NA	NA	NA	NA	LINC01142
151507	ENSG00000224287	17.5396891	-0.11385334	0.40562325	0.08789222	0.22652398	MSL3P1
NA	ENSG00000224288	0	NA	NA	NA	NA	MTCYBP11
NA	ENSG00000224289	0	NA	NA	NA	NA	IFIT6P
NA	ENSG00000224291	0	NA	NA	NA	NA	RPL38P6
101927635	ENSG00000224292	0.67184513	-0.02055535	0.38302845	0.66291562	NA	
101927501	ENSG00000224294	0.32313296	-0.0232594	0.38531948	0.66923586	NA	PINCR
NA	ENSG00000224295	0	NA	NA	NA	NA	OLFM5P
NA	ENSG00000224296	0	NA	NA	NA	NA	MRPL49P1
NA	ENSG00000224297	0	NA	NA	NA	NA	
NA	ENSG00000224299	0	NA	NA	NA	NA	MTATP6P16
NA	ENSG00000224300	0	NA	NA	NA	NA	OR51P1P
105378328	ENSG00000224301	0	NA	NA	NA	NA	
NA	ENSG00000224302	0.173124	-0.01911262	0.38486262	0.84537521	NA	
101929331	ENSG00000224307	0	NA	NA	NA	NA	
101927988	ENSG00000224308	0	NA	NA	NA	NA	LINC01527
NA	ENSG00000224309	0	NA	NA	NA	NA	ANKRD30BP2
400511	ENSG00000224310	0	NA	NA	NA	NA	LINC01567
NA	ENSG00000224311	0	NA	NA	NA	NA	
NA	ENSG00000224312	0	NA	NA	NA	NA	MCCD1P2
NA	ENSG00000224314	0	NA	NA	NA	NA	TCERG1P1
NA	ENSG00000224315	0	NA	NA	NA	NA	RPL7P7
NA	ENSG00000224316	2.4897624	0.05910798	0.38096766	0.49954437	NA	GTF2IP5
101927174	ENSG00000224318	0.50207596	0.02562368	0.38565771	0.52549886	NA	CHL1-AS2
NA	ENSG00000224321	0.33471731	0.02354391	0.38534154	0.62842204	NA	RPL12P14
NA	ENSG00000224322	0	NA	NA	NA	NA	
NA	ENSG00000224323	0.5148346	-0.00898771	0.38272121	0.83098234	NA	DPRXP1
NA	ENSG00000224324	0	NA	NA	NA	NA	THAP5P1
NA	ENSG00000224326	0	NA	NA	NA	NA	
106478956	ENSG00000224328	0	NA	NA	NA	NA	MDC1-AS1
100874059	ENSG00000224329	0	NA	NA	NA	NA	LINC00297
NA	ENSG00000224330	0	NA	NA	NA	NA	
NA	ENSG00000224331	0	NA	NA	NA	NA	
NA	ENSG00000224333	0.95646236	-0.01863645	0.38096748	0.75266611	NA	GAPDHP20
NA	ENSG00000224334	0	NA	NA	NA	NA	
NA	ENSG00000224335	0	NA	NA	NA	NA	
NA	ENSG00000224336	0	NA	NA	NA	NA	FAM197Y1

NA	ENSG00000224337	0	NA	NA	NA	NA	FAM8A3P
NA	ENSG00000224338	0	NA	NA	NA	NA	MTCYBP45
NA	ENSG00000224339	0	NA	NA	NA	NA	SC4MOP
NA	ENSG00000224340	0	NA	NA	NA	NA	
NA	ENSG00000224341	0.85309685	0.01901538	0.38066665	0.75399489	NA	AKR7A2P2
NA	ENSG00000224342	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000224344	0	NA	NA	NA	NA	KNOP1P3
NA	ENSG00000224346	0.6699741	0.02073756	0.38371054	0.6285661	NA	BICD1P1
104355296	ENSG00000224347	0	NA	NA	NA	NA	SCEL-AS1
NA	ENSG00000224348	0	NA	NA	NA	NA	
105377849	ENSG00000224349	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FAM135A-AS1
NA	ENSG00000224351	0	NA	NA	NA	NA	CDKN2AIPNLP3
NA	ENSG00000224352	0	NA	NA	NA	NA	
NA	ENSG00000224353	0	NA	NA	NA	NA	ACE3P
NA	ENSG00000224354	0.50322552	-0.02985279	0.38593381	0.52006541	NA	MTND2P5
NA	ENSG00000224356	5.03120717	-0.11169278	0.38776106	0.33808656	0.56829936	
NA	ENSG00000224357	0	NA	NA	NA	NA	ATG3P1
NA	ENSG00000224358	20.1768922	-0.00949942	0.31208242	0.95660705	0.98225256	TMCO1-AS1
NA	ENSG00000224359	0	NA	NA	NA	NA	
NA	ENSG00000224361	0	NA	NA	NA	NA	
NA	ENSG00000224363	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000224365	0	NA	NA	NA	NA	
NA	ENSG00000224366	0	NA	NA	NA	NA	
NA	ENSG00000224367	0	NA	NA	NA	NA	OACYLP
NA	ENSG00000224368	0	NA	NA	NA	NA	ARAFP2
NA	ENSG00000224370	0	NA	NA	NA	NA	
NA	ENSG00000224371	0	NA	NA	NA	NA	
NA	ENSG00000224372	0	NA	NA	NA	NA	HLA-N
NA	ENSG00000224373	0	NA	NA	NA	NA	IGHV4-59
NA	ENSG00000224374	0	NA	NA	NA	NA	
NA	ENSG00000224375	0	NA	NA	NA	NA	
NA	ENSG00000224376	9.4691991	0.17107158	0.39900466	0.25471515	0.47535965	
100507059	ENSG00000224382	0	NA	NA	NA	NA	LINC00703
92340	ENSG00000224383	35.0168054	0.53891446	0.46562881	0.04354688	0.1338451	PRR29
NA	ENSG00000224384	0	NA	NA	NA	NA	
NA	ENSG00000224387	1.16510418	-0.05918119	0.38734949	0.3116684	NA	
NA	ENSG00000224388	0	NA	NA	NA	NA	BACE2-IT1
721	ENSG00000224389	17.4200656	-0.14643291	0.36001121	0.39826081	0.62727695	C4B

NA	ENSG00000224391	0	NA	NA	NA	NA	LINC01280
NA	ENSG00000224394	0	NA	NA	NA	NA	GPC6-AS2
NA	ENSG00000224396	0	NA	NA	NA	NA	METTL15P3
NA	ENSG00000224397	0	NA	NA	NA	NA	PELATON
NA	ENSG00000224400	0	NA	NA	NA	NA	
NA	ENSG00000224401	4.6286131	-0.08243319	0.37962239	0.45602648	0.67958359	RPL7P57
NA	ENSG00000224402	0.95733758	-0.01686007	0.38083389	0.77545972	NA	OR6D1P
NA	ENSG00000224403	0	NA	NA	NA	NA	DPPA2P3
NA	ENSG00000224404	0	NA	NA	NA	NA	
100861573	ENSG00000224405	0	NA	NA	NA	NA	LINC00572
253573	ENSG00000224406	0	NA	NA	NA	NA	LINC02052
NA	ENSG00000224407	0.69493202	0.03154416	0.38626309	0.41391645	NA	
NA	ENSG00000224408	0	NA	NA	NA	NA	USP9YP22
NA	ENSG00000224409	0	NA	NA	NA	NA	
NA	ENSG00000224410	0	NA	NA	NA	NA	
NA	ENSG00000224411	1.42244027	-0.02593626	0.38004838	0.70228473	NA	HSP90AA2P
NA	ENSG00000224412	0	NA	NA	NA	NA	
NA	ENSG00000224413	0	NA	NA	NA	NA	
NA	ENSG00000224414	0.35659101	0.02381641	0.38538096	0.61406252	NA	
NA	ENSG00000224415	0.82777605	0.0181196	0.38135516	0.74783819	NA	
NA	ENSG00000224416	0	NA	NA	NA	NA	IFNA22P
NA	ENSG00000224417	0	NA	NA	NA	NA	
NA	ENSG00000224418	6.51171554	-0.18846856	0.41605075	0.19453981	0.39761717	STK24-AS1
NA	ENSG00000224419	0	NA	NA	NA	NA	KRT18P27
199800	ENSG00000224420	42.5033782	0.4815034	0.3483838	0.04609105	0.13985441	ADM5
NA	ENSG00000224421	0	NA	NA	NA	NA	ATP5MFP1
100506637	ENSG00000224424	25.2864903	0.53142654	0.50977618	0.04701379	0.14190683	PRKAR2A-AS1
NA	ENSG00000224425	0	NA	NA	NA	NA	SSBP3P2
NA	ENSG00000224426	0	NA	NA	NA	NA	SLC31A1P1
NA	ENSG00000224427	0	NA	NA	NA	NA	
NA	ENSG00000224429	9.29067529	-0.00364027	0.34882092	0.97807326	0.9925115	LINC00539
NA	ENSG00000224430	0.47461446	-0.02850056	0.38581374	0.541913	NA	MKRN5P
NA	ENSG00000224431	9.0126869	0.04321297	0.34727761	0.78135826	0.90003181	
NA	ENSG00000224435	1.0457032	0.03506906	0.38167144	0.58862719	NA	NF1P6
NA	ENSG00000224436	0	NA	NA	NA	NA	
NA	ENSG00000224437	0	NA	NA	NA	NA	PIGUP1
NA	ENSG00000224438	1.0723641	0.0603688	0.3879175	0.29859419	NA	RPL23AP14
NA	ENSG00000224439	0	NA	NA	NA	NA	RPSAP10

100129239	ENSG00000224440	0	NA	NA	NA	NA	CXorf51A
NA	ENSG00000224442	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL4P7
NA	ENSG00000224443	0	NA	NA	NA	NA	NME2P2
101928270	ENSG00000224445	0	NA	NA	NA	NA	LINC01708
NA	ENSG00000224447	0	NA	NA	NA	NA	H3P26
NA	ENSG00000224448	1.13556611	-0.03750149	0.38147944	0.58130796	NA	
NA	ENSG00000224451	0	NA	NA	NA	NA	ATP5PBP1
NA	ENSG00000224452	0.91014391	0.05219359	0.38903261	0.24668733	NA	RSL24D1P6
NA	ENSG00000224458	0	NA	NA	NA	NA	GUSBP6
110806303	ENSG00000224459	0	NA	NA	NA	NA	SLC25A34-AS1
NA	ENSG00000224462	0	NA	NA	NA	NA	C4BPAP1
NA	ENSG00000224463	0	NA	NA	NA	NA	RPL39P14
NA	ENSG00000224464	0	NA	NA	NA	NA	PGAM1P6
NA	ENSG00000224465	0	NA	NA	NA	NA	SOCS2P2
NA	ENSG00000224466	0	NA	NA	NA	NA	CDCA4P2
NA	ENSG00000224467	0	NA	NA	NA	NA	TANK-AS1
110841583	ENSG00000224468	0.81197071	-0.00888041	0.3808656	0.87530438	NA	LAMC1-AS1
NA	ENSG00000224469	0	NA	NA	NA	NA	
342371	ENSG00000224470	1305.43241	0.24824758	0.07528252	0.00075683	0.00463154	ATXN1L
NA	ENSG00000224471	0	NA	NA	NA	NA	MTCO3P19
NA	ENSG00000224473	0	NA	NA	NA	NA	CCND3P1
NA	ENSG00000224475	0	NA	NA	NA	NA	
NA	ENSG00000224476	0	NA	NA	NA	NA	RPL36P16
NA	ENSG00000224477	0	NA	NA	NA	NA	
NA	ENSG00000224478	0	NA	NA	NA	NA	
NA	ENSG00000224479	1.5516088	0.06944829	0.38836829	0.30953441	NA	
NA	ENSG00000224481	0	NA	NA	NA	NA	
NA	ENSG00000224482	0	NA	NA	NA	NA	HSFY4P
NA	ENSG00000224484	1.22136847	-0.08445014	0.39645482	0.12246073	NA	
NA	ENSG00000224485	0	NA	NA	NA	NA	USP9YP7
NA	ENSG00000224486	0	NA	NA	NA	NA	
NA	ENSG00000224488	0.32421355	-0.02327612	0.38532181	0.66838439	NA	SAMM50P1
NA	ENSG00000224490	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TTC21B-AS1
NA	ENSG00000224493	0	NA	NA	NA	NA	
NA	ENSG00000224494	3.2607497	0.00181362	0.37182551	0.98701856	0.99565021	HNRNPA3P14
NA	ENSG00000224497	0.72646532	0.00305538	0.38234587	0.943323	NA	RPL36P4
NA	ENSG00000224498	0	NA	NA	NA	NA	MAPKAPK5P1
NA	ENSG00000224500	0	NA	NA	NA	NA	

101929662	ENSG00000224504	0	NA	NA	NA	NA	
NA	ENSG00000224505	0	NA	NA	NA	NA	
643623	ENSG00000224506	0	NA	NA	NA	NA	LINC02523
102724691	ENSG00000224509	0	NA	NA	NA	NA	MRPS9-AS2
NA	ENSG00000224510	0	NA	NA	NA	NA	POLR2KP2
100874146	ENSG00000224511	0.88357265	0.02876825	0.38423005	0.538054	NA	LINC00365
NA	ENSG00000224513	0	NA	NA	NA	NA	
285375	ENSG00000224514	0	NA	NA	NA	NA	LINC00620
NA	ENSG00000224515	0	NA	NA	NA	NA	
NA	ENSG00000224516	0	NA	NA	NA	NA	
100874082	ENSG00000224517	0	NA	NA	NA	NA	HTR2A-AS1
NA	ENSG00000224518	0	NA	NA	NA	NA	
NA	ENSG00000224519	0	NA	NA	NA	NA	HMG1P19
NA	ENSG00000224520	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KRT8P45
NA	ENSG00000224521	0.64674811	0.03717848	0.38671395	0.39515878	NA	
NA	ENSG00000224523	0	NA	NA	NA	NA	
NA	ENSG00000224524	0	NA	NA	NA	NA	CYCSP42
NA	ENSG00000224525	0.32239256	-0.02325342	0.38531857	0.66966395	NA	
NA	ENSG00000224529	0	NA	NA	NA	NA	
NA	ENSG00000224530	0	NA	NA	NA	NA	PPIAP10
221710	ENSG00000224531	577.634874	-0.19203374	0.10983614	0.06735888	0.18634601	SMIM13
NA	ENSG00000224532	0	NA	NA	NA	NA	
100507404	ENSG00000224533	19.2691107	0.0462608	0.31590495	0.80190155	0.90941191	TMLHE-AS1
101927830	ENSG00000224533	19.2691107	0.0462608	0.31590495	0.80190155	0.90941191	TMLHE-AS1
105372907	ENSG00000224535	0.37844916	0.02407552	0.3854191	0.60038877	NA	LINC02771
NA	ENSG00000224536	5.06027624	-0.02699633	0.36167748	0.82930604	0.92261925	
NA	ENSG00000224537	0	NA	NA	NA	NA	MEP1AP4
NA	ENSG00000224539	0	NA	NA	NA	NA	SAGE4P
NA	ENSG00000224540	0.62341723	-0.01960215	0.38306004	0.6832063	NA	TFDP1P1
NA	ENSG00000224541	0	NA	NA	NA	NA	
NA	ENSG00000224543	1.09267826	0.04697824	0.38588699	0.3488314	NA	SNRPGP15
NA	ENSG00000224545	0	NA	NA	NA	NA	
NA	ENSG00000224546	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EIF4BP3
NA	ENSG00000224547	0	NA	NA	NA	NA	ZNF619P1
NA	ENSG00000224548	0	NA	NA	NA	NA	
NA	ENSG00000224549	0	NA	NA	NA	NA	
NA	ENSG00000224550	0	NA	NA	NA	NA	NDUFA4P1
NA	ENSG00000224551	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HMGB3P21

NA	ENSG00000224553	0	NA	NA	NA	NA	RPS26P20
NA	ENSG00000224555	0	NA	NA	NA	NA	
NA	ENSG00000224556	0	NA	NA	NA	NA	
3116	ENSG00000224557	0	NA	NA	NA	NA	HLA-DPB2
101927994	ENSG00000224559	0	NA	NA	NA	NA	LINC01087
NA	ENSG00000224560	0	NA	NA	NA	NA	
100873917	ENSG00000224563	0	NA	NA	NA	NA	LPP-AS1
NA	ENSG00000224565	0	NA	NA	NA	NA	LINC01754
NA	ENSG00000224566	0.47093117	-0.02832274	0.38579833	0.54486272	NA	FAM96AP2
NA	ENSG00000224567	0	NA	NA	NA	NA	
105373537	ENSG00000224568	6.34408818	0.03621558	0.35810901	0.79242119	0.90505074	LINC01886
NA	ENSG00000224569	0	NA	NA	NA	NA	
NA	ENSG00000224570	0.49068283	0.01410388	0.38308738	0.75923825	NA	
NA	ENSG00000224571	0	NA	NA	NA	NA	USP9YP13
NA	ENSG00000224573	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100874236	ENSG00000224574	0	NA	NA	NA	NA	COL18A1-AS2
102724224	ENSG00000224577	9.50058577	0.10599372	0.37009801	0.46242501	0.68532996	LINC01117
NA	ENSG00000224578	65.6356981	-0.2453812	0.25039037	0.20993283	0.41838949	HNRNPA1P48
NA	ENSG00000224579	0	NA	NA	NA	NA	
100507362	ENSG00000224582	0	NA	NA	NA	NA	LINC01015
NA	ENSG00000224583	0	NA	NA	NA	NA	
NA	ENSG00000224584	0.14931947	-0.01844332	0.38480212	0.84537521	NA	UBE2V1P13
NA	ENSG00000224585	0	NA	NA	NA	NA	
2880	ENSG00000224586	0	NA	NA	NA	NA	GPX5
NA	ENSG00000224589	0	NA	NA	NA	NA	ORC1P1
NA	ENSG00000224590	0	NA	NA	NA	NA	MTND3P16
NA	ENSG00000224592	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MIR3659HG
NA	ENSG00000224593	0	NA	NA	NA	NA	
NA	ENSG00000224594	1.38762801	0.06142557	0.38569782	0.38250049	NA	RPL29P19
NA	ENSG00000224595	0	NA	NA	NA	NA	
NA	ENSG00000224596	18.3452836	-0.16969237	0.35282763	0.36644084	0.59567278	ZMIZ1-AS1
102724316	ENSG00000224597	367.626791	-0.17738019	0.128498	0.14159111	0.3199872	SVIL-AS1
NA	ENSG00000224598	0.62319117	-0.01925364	0.38302634	0.68710731	NA	RPS5P2
NA	ENSG00000224599	1.7213829	0.10636544	0.40157085	0.11429917	NA	BMS1P12
NA	ENSG00000224600	0	NA	NA	NA	NA	
NA	ENSG00000224602	0	NA	NA	NA	NA	RPS26P5
NA	ENSG00000224603	0	NA	NA	NA	NA	
NA	ENSG00000224604	0	NA	NA	NA	NA	

NA	ENSG00000224605	0	NA	NA	NA	NA	
NA	ENSG00000224606	0	NA	NA	NA	NA	TGFA-IT1
NA	ENSG00000224607	0	NA	NA	NA	NA	IGKV1D-27
729467	ENSG00000224609	14.6337328	-0.30713543	0.43908131	0.13894782	0.31571462	FGGY-DT
NA	ENSG00000224610	0	NA	NA	NA	NA	
NA	ENSG00000224611	0	NA	NA	NA	NA	
NA	ENSG00000224612	0	NA	NA	NA	NA	
101928436	ENSG00000224613	0.84134105	-0.00503736	0.38003772	0.93406259	NA	
NA	ENSG00000224614	17.9022596	0.14051876	0.332586	0.46172576	0.684754	TNK2-AS1
NA	ENSG00000224616	294.491415	0.5417263	0.25373554	0.0091976	0.0387021	RTCA-AS1
NA	ENSG00000224617	0	NA	NA	NA	NA	
NA	ENSG00000224618	0	NA	NA	NA	NA	
NA	ENSG00000224620	0	NA	NA	NA	NA	MEF2AP1
NA	ENSG00000224621	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000224622	0	NA	NA	NA	NA	OR9R1P
NA	ENSG00000224625	0	NA	NA	NA	NA	TUBB8P6
NA	ENSG00000224626	0	NA	NA	NA	NA	
NA	ENSG00000224627	0	NA	NA	NA	NA	RPL37P10
NA	ENSG00000224628	0	NA	NA	NA	NA	
NA	ENSG00000224629	1.47436363	0.01268709	0.37884825	0.8546637	NA	
NA	ENSG00000224630	0	NA	NA	NA	NA	
NA	ENSG00000224631	0.51937201	-0.02557462	0.38567603	0.54680819	NA	RPS27AP16
NA	ENSG00000224632	0	NA	NA	NA	NA	NUDT19P2
NA	ENSG00000224634	0	NA	NA	NA	NA	ZNF736P6Y
NA	ENSG00000224635	24.2359365	-0.24087752	0.34553897	0.24899441	0.46838429	
NA	ENSG00000224637	0	NA	NA	NA	NA	PDSS1P2
NA	ENSG00000224640	0	NA	NA	NA	NA	SRSF1P1
NA	ENSG00000224643	0	NA	NA	NA	NA	
NA	ENSG00000224644	0	NA	NA	NA	NA	
NA	ENSG00000224645	0	NA	NA	NA	NA	
NA	ENSG00000224646	0	NA	NA	NA	NA	RPS28P5
NA	ENSG00000224647	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000224648	0	NA	NA	NA	NA	LINC01627
NA	ENSG00000224649	0	NA	NA	NA	NA	
NA	ENSG00000224650	0	NA	NA	NA	NA	IGHV3-74
401109	ENSG00000224652	0	NA	NA	NA	NA	LINC00885
NA	ENSG00000224653	0	NA	NA	NA	NA	
101927801	ENSG00000224655	0	NA	NA	NA	NA	LINC01823

NA	ENSG00000224656	0	NA	NA	NA	NA	SMSP1
NA	ENSG00000224657	0	NA	NA	NA	NA	RBMY2BP
NA	ENSG00000224658	0	NA	NA	NA	NA	
26749	ENSG00000224659	0	NA	NA	NA	NA	GAGE12J
729396	ENSG00000224659	0	NA	NA	NA	NA	GAGE12J
100505696	ENSG00000224660	262.767332	0.00262006	0.14104756	0.98404491	0.99453916	SH3BP5-AS1
NA	ENSG00000224661	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000224662	0	NA	NA	NA	NA	ATP6V1G1P3
NA	ENSG00000224664	0	NA	NA	NA	NA	RPL36AP53
NA	ENSG00000224666	0	NA	NA	NA	NA	ETV7-AS1
NA	ENSG00000224667	0	NA	NA	NA	NA	
NA	ENSG00000224668	3.14262918	-0.0928869	0.39170205	0.27708531	0.50146127	IPO8P1
NA	ENSG00000224669	0.59932108	-0.03506707	0.38648533	0.44270383	NA	
NA	ENSG00000224670	0	NA	NA	NA	NA	
NA	ENSG00000224671	0	NA	NA	NA	NA	
NA	ENSG00000224672	0.36290211	0.0238944	0.38539235	0.60999253	NA	RPL17P10
NA	ENSG00000224674	0	NA	NA	NA	NA	EIF3EP2
100144595	ENSG00000224675	7.60753133	0.28848314	0.49297303	0.0879296	0.22659089	
NA	ENSG00000224677	0.29863895	-0.02292439	0.3852726	0.68753245	NA	PDIA3P2
NA	ENSG00000224678	0	NA	NA	NA	NA	GAPDHP46
NA	ENSG00000224679	0	NA	NA	NA	NA	MED15P4
NA	ENSG00000224680	2.01145721	0.01519405	0.37402209	0.8671925	NA	PLA2G12AP1
NA	ENSG00000224681	0	NA	NA	NA	NA	
NA	ENSG00000224682	0.18922458	0.01954053	0.38488496	0.78225479	NA	SOCS5P2
NA	ENSG00000224683	0	NA	NA	NA	NA	RPL36AP29
NA	ENSG00000224685	0	NA	NA	NA	NA	
NA	ENSG00000224686	0	NA	NA	NA	NA	ELOCP23
100302401	ENSG00000224687	7.30549335	-0.21423009	0.42540472	0.17734	0.3723552	RASAL2-AS1
NA	ENSG00000224688	0.173733	0.01914545	0.38484597	0.78225479	NA	E2F6P2
NA	ENSG00000224689	0	NA	NA	NA	NA	ZNF812P
NA	ENSG00000224690	0	NA	NA	NA	NA	UBE2D3P3
NA	ENSG00000224691	0	NA	NA	NA	NA	
NA	ENSG00000224692	0	NA	NA	NA	NA	
NA	ENSG00000224695	0	NA	NA	NA	NA	MTND6P7
NA	ENSG00000224697	0	NA	NA	NA	NA	NEFMP1
NA	ENSG00000224699	49.4206972	0.83829387	0.3605034	0.00253592	0.0131399	LAMTOR5-AS1
NA	ENSG00000224700	0	NA	NA	NA	NA	
NA	ENSG00000224701	0	NA	NA	NA	NA	MED28P4

	NA	ENSG00000224702	0	NA	NA	NA	NA	LMX1A-AS2
	NA	ENSG00000224706	0	NA	NA	NA	NA	RPS17P13
100874268	ENSG00000224707	0	NA	NA	NA	NA	NA	E2F3-IT1
	NA	ENSG00000224709	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR11M1P
	NA	ENSG00000224711	0	NA	NA	NA	NA	LINC01706
642778	ENSG00000224712	20.3013345	0.02643912	0.32420925	0.88262628	0.94829441	NA	NPIPA3
	NA	ENSG00000224713	37.7914757	0.09283745	0.28338932	0.63615674	0.81722218	
101928887	ENSG00000224714	0	NA	NA	NA	NA	NA	LINC02671
339685	ENSG00000224715	0	NA	NA	NA	NA	NA	
284577	ENSG00000224717	0.34624801	-0.02356563	0.38536324	0.65270996	NA	NA	LEMD1-DT
101928751	ENSG00000224718	0.86562001	-0.0370931	0.38692692	0.35638876	NA	NA	LINC01657
	NA	ENSG00000224719	0	NA	NA	NA	NA	
102724153	ENSG00000224721	0.18922458	0.01954053	0.38488496	0.78225479	NA	NA	
	NA	ENSG00000224722	0	NA	NA	NA	NA	
	NA	ENSG00000224723	0	NA	NA	NA	NA	GUSBP10
	NA	ENSG00000224725	0	NA	NA	NA	NA	CEP57L1P1
	NA	ENSG00000224727	1.8479973	0.02286051	0.37741867	0.77305436	NA	FCF1P7
	NA	ENSG00000224728	45.909699	0.00498722	0.26238811	0.98095975	0.99355086	IMPDH1P8
100129845	ENSG00000224729	42.0912748	0.08744454	0.28424872	0.6546227	0.82810431	NA	PCOLCE-AS1
	NA	ENSG00000224730	0	NA	NA	NA	NA	LILRB1-AS1
	NA	ENSG00000224731	0	NA	NA	NA	NA	
	NA	ENSG00000224732	0	NA	NA	NA	NA	MAGEA7P
	NA	ENSG00000224733	0	NA	NA	NA	NA	
	NA	ENSG00000224735	0	NA	NA	NA	NA	
	NA	ENSG00000224738	21.163845	0.18250648	0.33712589	0.35941138	0.58949503	
	NA	ENSG00000224739	0	NA	NA	NA	NA	
100507064	ENSG00000224743	0	NA	NA	NA	NA	NA	TEX26-AS1
	NA	ENSG00000224745	0.46663069	-0.00769573	0.38326153	0.86569968	NA	
	NA	ENSG00000224746	2.14205078	0.02119413	0.37743841	0.7881691	NA	
	NA	ENSG00000224747	1.23019482	0.04225075	0.38313189	0.5034346	NA	MTCYBP21
	NA	ENSG00000224750	0	NA	NA	NA	NA	
	NA	ENSG00000224751	0	NA	NA	NA	NA	SHMT1P1
	NA	ENSG00000224752	0	NA	NA	NA	NA	VN1R21P
	NA	ENSG00000224755	0	NA	NA	NA	NA	HMGNI1P34
103695432	ENSG00000224758	0.18922458	0.01954053	0.38488496	0.78225479	NA	NA	LINC01167
	NA	ENSG00000224760	0	NA	NA	NA	NA	C1DP3
	NA	ENSG00000224761	0	NA	NA	NA	NA	CCNYL4
	NA	ENSG00000224762	0	NA	NA	NA	NA	

NA	ENSG00000224763	5.06837498	0.12863709	0.38734614	0.33589174	0.56585025	FDPSP8
NA	ENSG00000224764	0	NA	NA	NA	NA	
NA	ENSG00000224765	0	NA	NA	NA	NA	
NA	ENSG00000224769	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MUC20P1
NA	ENSG00000224771	0	NA	NA	NA	NA	ATP2B2-IT2
NA	ENSG00000224773	0.173124	-0.01911262	0.38486262	0.84537521	NA	HSPA8P7
NA	ENSG00000224775	0.87891101	-0.00714193	0.38136081	0.8916731	NA	BRAFP1
NA	ENSG00000224776	0	NA	NA	NA	NA	RPSAP50
NA	ENSG00000224777	0	NA	NA	NA	NA	OR4F2P
NA	ENSG00000224778	0	NA	NA	NA	NA	CENPIP1
NA	ENSG00000224781	0	NA	NA	NA	NA	EIF4A2P4
NA	ENSG00000224783	0	NA	NA	NA	NA	MIPEPP2
NA	ENSG00000224784	0	NA	NA	NA	NA	S100A15A
NA	ENSG00000224785	0	NA	NA	NA	NA	
NA	ENSG00000224786	9.21456282	-0.00252371	0.34536758	0.98477259	0.99473578	CETN4P
101928298	ENSG00000224788	0	NA	NA	NA	NA	LINC02670
NA	ENSG00000224789	0	NA	NA	NA	NA	
NA	ENSG00000224790	35.5340107	0.19679197	0.33094427	0.32897761	0.55760064	
NA	ENSG00000224791	0	NA	NA	NA	NA	KRT18P39
100506840	ENSG00000224792	0	NA	NA	NA	NA	IQCF4P
NA	ENSG00000224794	0	NA	NA	NA	NA	
NA	ENSG00000224795	0	NA	NA	NA	NA	NTM-AS1
NA	ENSG00000224796	0	NA	NA	NA	NA	RPL32P1
NA	ENSG00000224797	0	NA	NA	NA	NA	
NA	ENSG00000224799	0	NA	NA	NA	NA	
NA	ENSG00000224800	0	NA	NA	NA	NA	RPS27AP6
NA	ENSG00000224802	0.34746601	0.02370763	0.3853651	0.61987128	NA	TUBB4BP2
100874253	ENSG00000224805	0.50055867	0.01175768	0.38339599	0.77582196	NA	LINC00853
NA	ENSG00000224806	0	NA	NA	NA	NA	ARL5AP4
NA	ENSG00000224807	13.1984747	2.84677267	0.82888538	3.76E-05	0.00031775	DUX4L9
NA	ENSG00000224808	0	NA	NA	NA	NA	SRGAP3-AS1
NA	ENSG00000224809	0	NA	NA	NA	NA	BEND3P2
NA	ENSG00000224810	2.59554277	0.07782464	0.38415066	0.40719216	0.63551703	
220980	ENSG00000224812	0.32363263	0.00014669	0.38336241	0.9788693	NA	TMEM72-AS1
NA	ENSG00000224814	0	NA	NA	NA	NA	
NA	ENSG00000224815	0	NA	NA	NA	NA	
NA	ENSG00000224816	0	NA	NA	NA	NA	NAP1L4P2
NA	ENSG00000224817	0	NA	NA	NA	NA	

NA	ENSG00000224818	0	NA	NA	NA	NA	
NA	ENSG00000224819	0	NA	NA	NA	NA	
NA	ENSG00000224820	0	NA	NA	NA	NA	BTF3P4
NA	ENSG00000224821	0.3178922	0.00077587	0.38336443	0.96963996	NA	COL4A2-AS2
NA	ENSG00000224822	0	NA	NA	NA	NA	THRB-IT1
NA	ENSG00000224825	24.1897787	-0.1328453	0.32250573	0.48921978	0.70874969	RORB-AS1
NA	ENSG00000224826	0	NA	NA	NA	NA	USP21P1
NA	ENSG00000224827	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC00265-2P
NA	ENSG00000224829	0	NA	NA	NA	NA	TOMM20P1
NA	ENSG00000224830	0	NA	NA	NA	NA	OR2X1P
NA	ENSG00000224831	4.87115348	0.02342021	0.36854215	0.8326032	0.92392457	TMEM183B
101927869	ENSG00000224832	0	NA	NA	NA	NA	LINC01689
NA	ENSG00000224834	0	NA	NA	NA	NA	BTF3P9
NA	ENSG00000224836	0	NA	NA	NA	NA	
NA	ENSG00000224837	0	NA	NA	NA	NA	GCSHP5
NA	ENSG00000224839	0	NA	NA	NA	NA	RPL12P17
NA	ENSG00000224842	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100133205	ENSG00000224843	16.8593636	0.08990887	0.34240932	0.60010177	0.79083488	LINC00240
NA	ENSG00000224844	0.47656228	-0.00780495	0.38277525	0.86510058	NA	
NA	ENSG00000224846	0.16735865	0.01897177	0.38482933	0.78225479	NA	NQO2-AS1
NA	ENSG00000224848	32.4361627	-0.06417804	0.28695331	0.7381147	0.87628404	
NA	ENSG00000224851	0	NA	NA	NA	NA	LINC00502
NA	ENSG00000224852	0	NA	NA	NA	NA	MTND5P24
NA	ENSG00000224853	0	NA	NA	NA	NA	LINC00393
NA	ENSG00000224854	0	NA	NA	NA	NA	CDKN2A-DT
100873941	ENSG00000224855	0	NA	NA	NA	NA	OPA1-AS1
NA	ENSG00000224856	0.34746601	0.02370763	0.3853651	0.61987128	NA	RPL35AP36
NA	ENSG00000224857	0	NA	NA	NA	NA	LINC01691
NA	ENSG00000224858	1.58532672	0.02021671	0.37801557	0.78784802	NA	RPL29P11
NA	ENSG00000224860	0.31936606	0.00202045	0.38337572	0.95771722	NA	GXYLT1P2
NA	ENSG00000224861	6.68070243	0.0954803	0.36986267	0.49632219	0.714811	YBX1P1
101929651	ENSG00000224863	0	NA	NA	NA	NA	LINC01398
NA	ENSG00000224864	0	NA	NA	NA	NA	
101928782	ENSG00000224865	0	NA	NA	NA	NA	
NA	ENSG00000224866	0	NA	NA	NA	NA	USP9YP25
NA	ENSG00000224869	0	NA	NA	NA	NA	
148413	ENSG00000224870	576.209986	-0.03442841	0.10703801	0.73603407	0.87474039	MRPL20-AS1
NA	ENSG00000224875	0.34746601	0.02370763	0.3853651	0.61987128	NA	EML4-AS1

NA	ENSG00000224876	0	NA	NA	NA	NA	
284184	ENSG00000224877	1027.92589	-0.21408509	0.08134166	0.00696395	0.03084037	NDUFAF8
NA	ENSG00000224879	0	NA	NA	NA	NA	
NA	ENSG00000224880	0	NA	NA	NA	NA	MTCYBP29
NA	ENSG00000224881	0.77299323	-0.0286294	0.38362353	0.56201145	NA	
NA	ENSG00000224883	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000224884	0	NA	NA	NA	NA	
NA	ENSG00000224885	5.78349884	-0.23419926	0.45447899	0.11125981	0.26948227	EIPR1-IT1
NA	ENSG00000224886	0	NA	NA	NA	NA	
NA	ENSG00000224887	0	NA	NA	NA	NA	NFYCP2
NA	ENSG00000224888	63.6619389	0.46356244	0.29483311	0.03779233	0.12033379	
NA	ENSG00000224891	0.87314552	-0.02553402	0.38379111	0.55438207	NA	ARL14EPP1
NA	ENSG00000224892	14.2468406	-0.1017592	0.33610257	0.56825058	0.76919502	RPS4XP16
NA	ENSG00000224893	0.44795842	-0.02501848	0.38558245	0.5807882	NA	LINC02840
NA	ENSG00000224895	0	NA	NA	NA	NA	VPS26BP1
NA	ENSG00000224896	0	NA	NA	NA	NA	SIGLEC30P
401398	ENSG00000224897	39.3593642	-0.14960138	0.30390598	0.44861916	0.67234398	POT1-AS1
101928283	ENSG00000224897	39.3593642	-0.14960138	0.30390598	0.44861916	0.67234398	POT1-AS1
NA	ENSG00000224899	0.32009762	0.00241203	0.38338141	0.95395759	NA	LINC02830
NA	ENSG00000224901	0	NA	NA	NA	NA	
729442	ENSG00000224902	0	NA	NA	NA	NA	GAGE12H
NA	ENSG00000224903	59.4591005	0.02099228	0.23941502	0.91234863	0.96260718	RNF32-AS1
NA	ENSG00000224904	0	NA	NA	NA	NA	SBF1P2
NA	ENSG00000224905	27.7609887	0.08216658	0.29680533	0.67136992	0.83825699	
NA	ENSG00000224906	0	NA	NA	NA	NA	SRP14P1
NA	ENSG00000224907	0	NA	NA	NA	NA	RPL21P91
NA	ENSG00000224908	0	NA	NA	NA	NA	TIMM8BP2
102723617	ENSG00000224910	0	NA	NA	NA	NA	LINC01766
439994	ENSG00000224914	270.618255	-0.00022592	0.16983283	0.99750396	0.99926338	LINC00863
NA	ENSG00000224916	0.16735865	0.01897177	0.38482933	0.78225479	NA	APOC4-APOC2
NA	ENSG00000224917	0	NA	NA	NA	NA	
NA	ENSG00000224918	0	NA	NA	NA	NA	
NA	ENSG00000224919	0	NA	NA	NA	NA	
NA	ENSG00000224920	0	NA	NA	NA	NA	TACC1P1
387486	ENSG00000224924	0	NA	NA	NA	NA	LINC00320
NA	ENSG00000224927	0	NA	NA	NA	NA	NDUFA5P10
NA	ENSG00000224928	9.90934203	-0.37580326	0.54348223	0.07420175	0.19988632	KRT8P30
NA	ENSG00000224931	0	NA	NA	NA	NA	

105377389	ENSG00000224932	0	NA	NA	NA	NA	LINC02262
NA	ENSG00000224933	0	NA	NA	NA	NA	LINC01034
NA	ENSG00000224934	42.9763956	-0.06840088	0.27623276	0.72252606	0.86754018	
NA	ENSG00000224935	0	NA	NA	NA	NA	
NA	ENSG00000224936	0	NA	NA	NA	NA	SUCLA2P1
100302691	ENSG00000224939	1.01097059	-0.02323531	0.38128041	0.6962577	NA	LINC00184
401399	ENSG00000224940	6738.86043	-0.53508443	0.05720688	2.95E-21	1.17E-19	PRRT4
NA	ENSG00000224942	0	NA	NA	NA	NA	EEDP1
NA	ENSG00000224943	0	NA	NA	NA	NA	LINC02819
NA	ENSG00000224944	0	NA	NA	NA	NA	CASC6
NA	ENSG00000224945	27.286563	0.16183658	0.3128159	0.41888501	0.64468844	
NA	ENSG00000224946	0	NA	NA	NA	NA	
NA	ENSG00000224947	0	NA	NA	NA	NA	VN1R25P
NA	ENSG00000224948	0	NA	NA	NA	NA	ATP5MC1P8
NA	ENSG00000224949	0	NA	NA	NA	NA	RPL37P24
NA	ENSG00000224950	17.7647748	0.54298794	0.57196722	0.04559894	0.13858501	
NA	ENSG00000224953	0	NA	NA	NA	NA	SRIP3
NA	ENSG00000224955	0	NA	NA	NA	NA	KCTD10P1
101927215	ENSG00000224957	27.2910964	0.56840715	0.51300041	0.03960884	0.12447954	LINC01266
572558	ENSG00000224958	0.18922458	0.01954053	0.38488496	0.78225479	NA	PGM5-AS1
139420	ENSG00000224960	0.34091	0.00315391	0.38339458	0.95833444	NA	PPP4R3C
NA	ENSG00000224961	0	NA	NA	NA	NA	LINC01752
NA	ENSG00000224962	0	NA	NA	NA	NA	PSAT1P4
NA	ENSG00000224963	1.06380027	-0.04515194	0.38598854	0.37949612	NA	ECMPX
NA	ENSG00000224964	0	NA	NA	NA	NA	TRAPPC2P3
NA	ENSG00000224965	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02586
NA	ENSG00000224966	0	NA	NA	NA	NA	TBC1D3P6
NA	ENSG00000224967	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000224968	0	NA	NA	NA	NA	LINC01645
NA	ENSG00000224969	0.49887657	-0.02965193	0.38591578	0.5232295	NA	
NA	ENSG00000224970	0	NA	NA	NA	NA	
NA	ENSG00000224971	0	NA	NA	NA	NA	SUMO2P3
NA	ENSG00000224972	0	NA	NA	NA	NA	
100506195	ENSG00000224973	0	NA	NA	NA	NA	LARGE-AS1
8552	ENSG00000224975	34.7514337	0.05576992	0.27756422	0.7747358	0.89613481	INE1
NA	ENSG00000224976	0	NA	NA	NA	NA	PARP4P2
105371620	ENSG00000224977	0	NA	NA	NA	NA	LINC02776
NA	ENSG00000224978	0	NA	NA	NA	NA	CD84P1

	NA	ENSG00000224980	0	NA	NA	NA	NA	RPL23AP85
	NA	ENSG00000224981	0	NA	NA	NA	NA	
387890		ENSG00000224982	3.38918822	0.11584596	0.39876926	0.21915925	0.43105634	TMEM233
	NA	ENSG00000224984	0	NA	NA	NA	NA	
	NA	ENSG00000224985	35.9524383	0.02118829	0.27207091	0.91433477	0.96378282	
	NA	ENSG00000224986	2.0860091	-0.03792699	0.37956606	0.62215657	NA	PPP1R8P1
	NA	ENSG00000224987	0	NA	NA	NA	NA	
	NA	ENSG00000224988	0	NA	NA	NA	NA	
	NA	ENSG00000224989	0	NA	NA	NA	NA	FAM41AY1
	NA	ENSG00000224992	0	NA	NA	NA	NA	
	NA	ENSG00000224993	0.9474504	-0.05292136	0.3891452	0.25475846	NA	RPL29P12
101928770		ENSG00000224995	0	NA	NA	NA	NA	LINC01526
	NA	ENSG00000224999	0	NA	NA	NA	NA	VTA1P1
	NA	ENSG00000225000	0	NA	NA	NA	NA	
	NA	ENSG00000225002	0	NA	NA	NA	NA	
	NA	ENSG00000225003	0	NA	NA	NA	NA	OR51A5P
	NA	ENSG00000225005	0	NA	NA	NA	NA	
	NA	ENSG00000225006	0	NA	NA	NA	NA	
	NA	ENSG00000225007	0	NA	NA	NA	NA	
	NA	ENSG00000225008	0.18922458	0.01954053	0.38488496	0.78225479	NA	TWF1P2
	NA	ENSG00000225011	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
	NA	ENSG00000225012	0	NA	NA	NA	NA	
	NA	ENSG00000225014	0	NA	NA	NA	NA	KCTD9P1
	NA	ENSG00000225016	0	NA	NA	NA	NA	LINC00328-2P
	NA	ENSG00000225017	0	NA	NA	NA	NA	
	NA	ENSG00000225018	0	NA	NA	NA	NA	
	NA	ENSG00000225022	0.173124	-0.01911262	0.38486262	0.84537521	NA	UBE2D3P1
	NA	ENSG00000225024	0	NA	NA	NA	NA	RPL37P11
	NA	ENSG00000225025	0	NA	NA	NA	NA	KIF4CP
	NA	ENSG00000225026	0	NA	NA	NA	NA	
	NA	ENSG00000225027	0	NA	NA	NA	NA	IFNWP4
	NA	ENSG00000225028	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000225031	1.51000981	0.06635974	0.38726835	0.33910898	NA	EIF4BP7
102723566		ENSG00000225032	20.3011622	-0.00717203	0.32568568	0.9647768	0.98622874	
	NA	ENSG00000225036	0	NA	NA	NA	NA	CDK4P1
100874078		ENSG00000225037	0	NA	NA	NA	NA	EIF1AX-AS1
	NA	ENSG00000225039	0.48489342	-0.00623942	0.38314339	0.87071299	NA	LINC01058
	NA	ENSG00000225043	1.6381137	0.0032387	0.37911613	0.9621751	NA	RPL18AP2

NA	ENSG00000225044	0	NA	NA	NA	NA	
NA	ENSG00000225045	0	NA	NA	NA	NA	MTND5P27
NA	ENSG00000225046	0	NA	NA	NA	NA	
102724929	ENSG00000225050	0	NA	NA	NA	NA	
NA	ENSG00000225051	1.35014193	0.00233574	0.37767629	0.97512905	NA	HMGB3P22
NA	ENSG00000225053	0	NA	NA	NA	NA	PRPF38AP1
NA	ENSG00000225055	0	NA	NA	NA	NA	
NA	ENSG00000225056	0	NA	NA	NA	NA	
NA	ENSG00000225057	0.49109567	-0.01125422	0.38291818	0.81983988	NA	
NA	ENSG00000225058	0	NA	NA	NA	NA	
NA	ENSG00000225062	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CATIP-AS1
NA	ENSG00000225063	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TMCC2-AS1
NA	ENSG00000225064	0	NA	NA	NA	NA	LINC01802
NA	ENSG00000225066	0	NA	NA	NA	NA	MDM4P1
NA	ENSG00000225067	0.46777978	-0.00944049	0.38288048	0.84963583	NA	RPL23AP2
NA	ENSG00000225069	0	NA	NA	NA	NA	
NA	ENSG00000225071	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS26P58
NA	ENSG00000225072	0	NA	NA	NA	NA	OR7E116P
NA	ENSG00000225075	0	NA	NA	NA	NA	
NA	ENSG00000225076	0.15069912	-0.01848503	0.38480575	0.84537521	NA	WWC3-AS1
NA	ENSG00000225077	9.10052051	0.02178517	0.34574262	0.88826243	0.95136723	LINC00337
NA	ENSG00000225078	0	NA	NA	NA	NA	
NA	ENSG00000225079	0.37844916	0.02407552	0.3854191	0.60038877	NA	FTH1P22
NA	ENSG00000225080	5.92566018	-0.0612256	0.36605899	0.6333034	0.81478111	PFN1P4
NA	ENSG00000225082	0.46769402	-0.00952184	0.38288502	0.84859741	NA	DAP3P1
NA	ENSG00000225083	0	NA	NA	NA	NA	GRTP1-AS1
101927839	ENSG00000225084	0	NA	NA	NA	NA	
NA	ENSG00000225085	0	NA	NA	NA	NA	
NA	ENSG00000225087	0.88540989	0.00266136	0.37995814	0.96428607	NA	
NA	ENSG00000225091	0	NA	NA	NA	NA	SNORA71A
NA	ENSG00000225092	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000225093	0.48972691	-0.01114109	0.38291516	0.82166018	NA	RPL3P7
NA	ENSG00000225094	1.75994114	-0.01594806	0.37775073	0.83033421	NA	SETP20
NA	ENSG00000225096	42.1125097	0.1136449	0.29867563	0.5606291	0.76430161	
NA	ENSG00000225098	0	NA	NA	NA	NA	BCRP1
NA	ENSG00000225099	0	NA	NA	NA	NA	ATP6V1E1P1
NA	ENSG00000225100	0	NA	NA	NA	NA	DPY19L2P5
NA	ENSG00000225101	0.37368897	-0.02365038	0.38537936	0.66101672	NA	OR52K3P

NA	ENSG00000225102	0	NA	NA	NA	NA	
NA	ENSG00000225105	0	NA	NA	NA	NA	LINC01076
NA	ENSG00000225106	0	NA	NA	NA	NA	
NA	ENSG00000225107	0	NA	NA	NA	NA	
NA	ENSG00000225108	11.3658144	-0.14520576	0.36629257	0.39258951	0.6218739	ZBTB45P1
105373377	ENSG00000225110	0	NA	NA	NA	NA	PNMA6F
NA	ENSG00000225111	0	NA	NA	NA	NA	
NA	ENSG00000225112	0	NA	NA	NA	NA	
NA	ENSG00000225113	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000225116	0	NA	NA	NA	NA	
NA	ENSG00000225117	0	NA	NA	NA	NA	ARSDP1
NA	ENSG00000225118	0	NA	NA	NA	NA	
NA	ENSG00000225121	0	NA	NA	NA	NA	EEF1B2P5
NA	ENSG00000225122	0	NA	NA	NA	NA	
NA	ENSG00000225123	0.3399237	0.00210885	0.3833764	0.96755054	NA	
NA	ENSG00000225124	0	NA	NA	NA	NA	RPL23AP36
NA	ENSG00000225125	7.68657974	0.03377092	0.35066517	0.82099129	0.91847813	RANP4
NA	ENSG00000225126	0	NA	NA	NA	NA	CAMTA1-AS1
105372556	ENSG00000225127	58.1614283	4.97975275	0.5401819	7.32E-21	2.86E-19	LINC00237
105375380	ENSG00000225128	0	NA	NA	NA	NA	LINC00972
NA	ENSG00000225129	0	NA	NA	NA	NA	
NA	ENSG00000225131	0	NA	NA	NA	NA	PSME2P2
NA	ENSG00000225133	0.50924877	0.01581638	0.38316998	0.73302079	NA	MORF4L1P4
NA	ENSG00000225136	0	NA	NA	NA	NA	PGBD4P5
NA	ENSG00000225137	0.16735865	0.01897177	0.38482933	0.78225479	NA	DYNC1I2P1
NA	ENSG00000225138	87.6957567	0.01279894	0.22227203	0.94524923	0.97766426	SLC9A3-AS1
101930421	ENSG00000225140	1.09646102	-0.07821572	0.39457129	0.14964361	NA	
NA	ENSG00000225142	0	NA	NA	NA	NA	
NA	ENSG00000225144	0	NA	NA	NA	NA	
NA	ENSG00000225146	1.01331561	0.05686793	0.38717863	0.32264269	NA	
NA	ENSG00000225147	0	NA	NA	NA	NA	RPS12P10
NA	ENSG00000225148	0	NA	NA	NA	NA	
NA	ENSG00000225151	3793.04202	0.44226527	0.06337161	1.44E-12	3.25E-11	GOLGA2P7
NA	ENSG00000225152	0	NA	NA	NA	NA	
NA	ENSG00000225154	0	NA	NA	NA	NA	TUBAP9
NA	ENSG00000225155	0.173733	0.01914545	0.38484597	0.78225479	NA	TOMM22P5
NA	ENSG00000225156	361.091086	0.76498793	0.16148975	4.19E-07	5.07E-06	
NA	ENSG00000225158	0	NA	NA	NA	NA	HSPE1P24

	NA	ENSG00000225159	1.0040907	0.00653982	0.37928094	0.92003268	NA	NPM1P39
	NA	ENSG00000225165	0	NA	NA	NA	NA	RTRAFP2
102724849	NA	ENSG00000225166	0	NA	NA	NA	NA	
	NA	ENSG00000225167	0	NA	NA	NA	NA	TXNP2
	NA	ENSG00000225169	0.16735865	0.01897177	0.38482933	0.78225479	NA	BRI3P1
	NA	ENSG00000225170	0	NA	NA	NA	NA	
	NA	ENSG00000225171	6.63491773	0.25842467	0.46261544	0.11604503	0.27836217	DUTP6
	NA	ENSG00000225172	0	NA	NA	NA	NA	
	NA	ENSG00000225173	1.56443207	-0.02905715	0.38133999	0.64411314	NA	
100287366	NA	ENSG00000225174	0	NA	NA	NA	NA	OSTM1-AS1
	NA	ENSG00000225175	0	NA	NA	NA	NA	
	NA	ENSG00000225176	0	NA	NA	NA	NA	ATP5MGP4
	NA	ENSG00000225177	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000225178	41.6990038	-0.26697906	0.30997342	0.20811107	0.41567135	RPSAP58
100874179	NA	ENSG00000225179	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC00457
388428	NA	ENSG00000225180	5.43522015	0.00335938	0.35831922	0.98158078	0.99385367	PVALEF
	NA	ENSG00000225181	0	NA	NA	NA	NA	
	NA	ENSG00000225182	0	NA	NA	NA	NA	
	NA	ENSG00000225183	0	NA	NA	NA	NA	
	NA	ENSG00000225185	0.16735865	0.01897177	0.38482933	0.78225479	NA	PPIAP8
	NA	ENSG00000225187	3.28601622	-0.19989578	0.45083611	0.05492064	0.16002724	
	NA	ENSG00000225189	0	NA	NA	NA	NA	REREP1Y
9842	NA	ENSG00000225190	412.475347	0.33557282	0.15308089	0.01671152	0.06306953	PLEKHM1
	NA	ENSG00000225191	0	NA	NA	NA	NA	
	NA	ENSG00000225192	1.12635377	-0.07766164	0.39447535	0.14780676	NA	ZNF33BP1
	NA	ENSG00000225193	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS12P26
100188953	NA	ENSG00000225194	2.67842579	0.00488997	0.3733491	0.95895665	0.9831126	LINC00092
	NA	ENSG00000225195	0	NA	NA	NA	NA	
	NA	ENSG00000225196	0	NA	NA	NA	NA	RPL10P17
	NA	ENSG00000225198	0	NA	NA	NA	NA	SSXP3
	NA	ENSG00000225200	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000225203	0	NA	NA	NA	NA	
	NA	ENSG00000225205	2.82767633	0.07777766	0.38277648	0.43052895	0.65604411	
400765	NA	ENSG00000225206	473.448945	-0.68300871	0.12864971	2.63E-08	3.75E-07	MIR137HG
	NA	ENSG00000225208	0.173124	-0.01911262	0.38486262	0.84537521	NA	
102723427	NA	ENSG00000225209	0	NA	NA	NA	NA	
503638	NA	ENSG00000225210	1376.08788	-0.25119662	0.07891963	0.00111611	0.00649375	DUXAP9
	NA	ENSG00000225212	0	NA	NA	NA	NA	AKR1B1P6

NA	ENSG00000225213	0	NA	NA	NA	NA	
NA	ENSG00000225214	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000225215	0	NA	NA	NA	NA	SMARCE1P1
NA	ENSG00000225216	0	NA	NA	NA	NA	
NA	ENSG00000225217	0	NA	NA	NA	NA	HSPA7
NA	ENSG00000225218	0	NA	NA	NA	NA	
NA	ENSG00000225221	0	NA	NA	NA	NA	PLA2G12AP2
NA	ENSG00000225222	0	NA	NA	NA	NA	CHCHD4P5
NA	ENSG00000225224	1.30863607	-0.006689	0.38107176	0.90143956	NA	RPS27AP12
NA	ENSG00000225225	0	NA	NA	NA	NA	ARL2BPP10
NA	ENSG00000225226	0	NA	NA	NA	NA	LINC01795
NA	ENSG00000225230	11.4284272	0.01246937	0.33447045	0.94217306	0.97606984	
100506159	ENSG00000225231	0	NA	NA	NA	NA	LINC02470
NA	ENSG00000225233	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225234	33.9342812	0.24473866	0.31838958	0.24648504	0.46573936	TRAPPC12-AS1
100874118	ENSG00000225235	0	NA	NA	NA	NA	INTS6L-AS1
NA	ENSG00000225236	0	NA	NA	NA	NA	
NA	ENSG00000225238	0	NA	NA	NA	NA	GEMIN7P1
NA	ENSG00000225239	0	NA	NA	NA	NA	RPL21P107
NA	ENSG00000225240	0	NA	NA	NA	NA	
NA	ENSG00000225242	0	NA	NA	NA	NA	COX6B1P7
NA	ENSG00000225243	0	NA	NA	NA	NA	
NA	ENSG00000225244	0	NA	NA	NA	NA	
NA	ENSG00000225246	9.17236373	0.22285193	0.41902523	0.1925404	0.39487302	RPS2P1
NA	ENSG00000225249	0	NA	NA	NA	NA	LINC00378
NA	ENSG00000225251	0	NA	NA	NA	NA	RPL5P25
NA	ENSG00000225253	0	NA	NA	NA	NA	
NA	ENSG00000225254	7.23424043	-0.23273834	0.4431531	0.13916896	0.31601249	ARMC8P1
NA	ENSG00000225255	1.51136524	-0.09197075	0.39580176	0.16900401	NA	PSLNR
NA	ENSG00000225256	0	NA	NA	NA	NA	TRAPPC2P5
NA	ENSG00000225258	0	NA	NA	NA	NA	
NA	ENSG00000225259	0	NA	NA	NA	NA	ST13P6
100874086	ENSG00000225263	0	NA	NA	NA	NA	PCDH9-AS3
NA	ENSG00000225264	57.3485385	-0.17616933	0.25244321	0.36447667	0.594135	ZNRF2P2
NA	ENSG00000225265	53.1339667	0.22144118	0.27991355	0.27821198	0.50266148	TAF1A-AS1
NA	ENSG00000225267	0	NA	NA	NA	NA	RPL8P2
NA	ENSG00000225269	0	NA	NA	NA	NA	LINC00705
NA	ENSG00000225270	0	NA	NA	NA	NA	CICP12

NA	ENSG00000225271	0	NA	NA	NA	NA	NOLC1P1
NA	ENSG00000225272	0	NA	NA	NA	NA	
NA	ENSG00000225275	0	NA	NA	NA	NA	NUP210P2
NA	ENSG00000225276	0	NA	NA	NA	NA	MTND1P18
NA	ENSG00000225279	1.30062608	0.02531727	0.38125	0.67977044	NA	
NA	ENSG00000225280	0	NA	NA	NA	NA	
NA	ENSG00000225282	2.05498416	-0.10930545	0.39835598	0.20070237	NA	
NA	ENSG00000225284	0	NA	NA	NA	NA	
NA	ENSG00000225285	1.49492374	0.07799617	0.38943468	0.29629746	NA	LINC01770
NA	ENSG00000225286	0	NA	NA	NA	NA	
NA	ENSG00000225287	0	NA	NA	NA	NA	OFD1P13Y
NA	ENSG00000225289	0	NA	NA	NA	NA	RPL29P29
NA	ENSG00000225292	0.47030951	-0.00724744	0.38322837	0.8678682	NA	
NA	ENSG00000225293	0	NA	NA	NA	NA	ABCD1P4
NA	ENSG00000225294	0	NA	NA	NA	NA	OSTCP2
NA	ENSG00000225295	0.44911035	-0.02726919	0.38571057	0.56243155	NA	MTND4P4
NA	ENSG00000225297	0	NA	NA	NA	NA	
54088	ENSG00000225298	0	NA	NA	NA	NA	LINC00113
NA	ENSG00000225299	0	NA	NA	NA	NA	
NA	ENSG00000225300	1.4000691	0.05176033	0.38427192	0.43545126	NA	
NA	ENSG00000225303	0	NA	NA	NA	NA	
NA	ENSG00000225304	0	NA	NA	NA	NA	
NA	ENSG00000225308	0	NA	NA	NA	NA	ASS1P11
NA	ENSG00000225310	0	NA	NA	NA	NA	DNAJC19P4
NA	ENSG00000225311	0	NA	NA	NA	NA	
NA	ENSG00000225313	34.5486097	-0.08824941	0.27858877	0.64916982	0.8250291	
NA	ENSG00000225314	0	NA	NA	NA	NA	
NA	ENSG00000225315	0	NA	NA	NA	NA	
100874136	ENSG00000225316	0	NA	NA	NA	NA	LINC00350
101929663	ENSG00000225321	0	NA	NA	NA	NA	LINC01427
NA	ENSG00000225323	0	NA	NA	NA	NA	HBAP1
NA	ENSG00000225325	0	NA	NA	NA	NA	
NA	ENSG00000225326	0	NA	NA	NA	NA	USP9YP19
645836	ENSG00000225327	0	NA	NA	NA	NA	USP17L3
NA	ENSG00000225328	0.3183039	0.00125185	0.38336753	0.96508379	NA	LINC01594
723809	ENSG00000225329	0	NA	NA	NA	NA	LHFPL3-AS2
NA	ENSG00000225330	0.36299585	0.02389506	0.38539245	0.60994612	NA	
NA	ENSG00000225331	2.81061214	-0.0014679	0.36988217	0.986905	0.99565021	LINC01678

NA	ENSG00000225333	0.62252342	-0.04504891	0.3875647	0.37435963	NA	
NA	ENSG00000225334	0.33471731	0.02354391	0.38534154	0.62842204	NA	LINC02813
NA	ENSG00000225335	21.8581632	0.04469351	0.32808611	0.79802828	0.9074513	
NA	ENSG00000225336	0	NA	NA	NA	NA	HMGB3P1
NA	ENSG00000225337	0	NA	NA	NA	NA	
NA	ENSG00000225338	0.65880711	0.00538841	0.38137611	0.91628214	NA	RPL23AP18
NA	ENSG00000225339	24.233458	0.66899714	0.52308918	0.02449057	0.08575589	
NA	ENSG00000225341	0	NA	NA	NA	NA	
NA	ENSG00000225342	7.43566175	0.089348	0.36159473	0.55085088	0.75731976	LRRK2-DT
NA	ENSG00000225343	0	NA	NA	NA	NA	RPL21P66
NA	ENSG00000225344	0	NA	NA	NA	NA	
NA	ENSG00000225345	80.849438	-1.68635925	0.28210556	1.63E-10	3.06E-09	SNX18P3
NA	ENSG00000225347	0	NA	NA	NA	NA	SLC25A5P8
NA	ENSG00000225349	0	NA	NA	NA	NA	ANKRD49P2
NA	ENSG00000225350	0	NA	NA	NA	NA	FREM2-AS1
NA	ENSG00000225352	0	NA	NA	NA	NA	RPL31P53
NA	ENSG00000225354	0	NA	NA	NA	NA	RPL7AP52
NA	ENSG00000225355	0	NA	NA	NA	NA	ARL6IP1P2
NA	ENSG00000225356	0	NA	NA	NA	NA	
NA	ENSG00000225357	0.44795842	-0.02501848	0.38558245	0.5807882	NA	RPF2P1
NA	ENSG00000225358	0.66107024	0.00172508	0.38189971	0.96970227	NA	MIPEPP1
NA	ENSG00000225359	0	NA	NA	NA	NA	
NA	ENSG00000225360	0	NA	NA	NA	NA	
100506599	ENSG00000225361	23.2898059	0.04857324	0.31661028	0.78935101	0.90431711	PPP1R26-AS1
196993	ENSG00000225362	0.52119901	0.02576573	0.38568143	0.51723676	NA	CT62
NA	ENSG00000225364	0	NA	NA	NA	NA	ATP6V0E1P1
NA	ENSG00000225365	0.75034912	-0.04346677	0.38757053	0.34437896	NA	
NA	ENSG00000225366	0.18922458	0.01954053	0.38488496	0.78225479	NA	TDGF1P3
NA	ENSG00000225369	0.16735865	0.01897177	0.38482933	0.78225479	NA	CAPZA1P2
NA	ENSG00000225370	0	NA	NA	NA	NA	
NA	ENSG00000225371	2.32046736	-0.06603572	0.38199755	0.46077475	NA	CICP8
101928470	ENSG00000225376	2.28905031	0.00491548	0.3745314	0.95560879	NA	TMEM246-AS1
100507459	ENSG00000225377	119.507689	0.02735384	0.21111544	0.87796727	0.94590663	NRSN2-AS1
NA	ENSG00000225378	0	NA	NA	NA	NA	
NA	ENSG00000225380	0	NA	NA	NA	NA	IGKV1OR9-2
NA	ENSG00000225381	0	NA	NA	NA	NA	RPS5P7
207107	ENSG00000225383	0	NA	NA	NA	NA	SFTA1P
NA	ENSG00000225384	0	NA	NA	NA	NA	

NA	ENSG00000225385	0	NA	NA	NA	NA	
105377003	ENSG00000225386	0	NA	NA	NA	NA	
NA	ENSG00000225387	0	NA	NA	NA	NA	
100294720	ENSG00000225391	10.9335035	-0.46547399	0.66629933	0.04493475	0.13694401	
NA	ENSG00000225392	0	NA	NA	NA	NA	MRPL36P1
NA	ENSG00000225393	11.2169358	0.10453436	0.34999884	0.53729466	0.74759591	
NA	ENSG00000225394	0	NA	NA	NA	NA	
105373251	ENSG00000225396	0	NA	NA	NA	NA	FAM236D
NA	ENSG00000225397	0	NA	NA	NA	NA	
NA	ENSG00000225398	0	NA	NA	NA	NA	PGM5P4
NA	ENSG00000225399	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000225400	7.62704308	0.07045426	0.35641751	0.63787103	0.81760985	RAB28P5
NA	ENSG00000225401	3.18618358	0.19004114	0.44490528	0.05256841	0.15471849	TGIF2P1
NA	ENSG00000225402	0	NA	NA	NA	NA	
NA	ENSG00000225404	0	NA	NA	NA	NA	RPL26P34
NA	ENSG00000225405	0	NA	NA	NA	NA	RPS15AP17
NA	ENSG00000225406	0	NA	NA	NA	NA	ELF2P4
NA	ENSG00000225407	0.72121913	0.05213541	0.3887527	0.28798408	NA	
NA	ENSG00000225408	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000225411	4.92309224	-0.07665188	0.37268918	0.52921379	0.74097401	
NA	ENSG00000225413	0	NA	NA	NA	NA	LINC02557
NA	ENSG00000225415	0.44795842	-0.02501848	0.38558245	0.5807882	NA	ACKR4P1
NA	ENSG00000225416	0	NA	NA	NA	NA	
NA	ENSG00000225417	0	NA	NA	NA	NA	
NA	ENSG00000225418	0	NA	NA	NA	NA	AKR1C5P
NA	ENSG00000225419	0.51736407	0.03122208	0.3860633	0.47632631	NA	RPL21P3
101928371	ENSG00000225420	0.70347132	0.02998844	0.38332112	0.543852	NA	
NA	ENSG00000225421	0	NA	NA	NA	NA	
NA	ENSG00000225422	0	NA	NA	NA	NA	RBMS1P1
NA	ENSG00000225423	0	NA	NA	NA	NA	TNPO1P1
NA	ENSG00000225424	0	NA	NA	NA	NA	
NA	ENSG00000225427	0	NA	NA	NA	NA	LINC00331
NA	ENSG00000225428	0	NA	NA	NA	NA	NDUFB4P7
101928233	ENSG00000225431	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01671
NA	ENSG00000225433	0	NA	NA	NA	NA	MTND1P12
100507540	ENSG00000225434	5.88591587	0.07799943	0.37458713	0.51754147	0.73141449	LINC01504
101929239	ENSG00000225437	0	NA	NA	NA	NA	PACRG-AS2
NA	ENSG00000225438	0	NA	NA	NA	NA	KRT41P

100507171	ENSG00000225439	300.494594	-0.58543908	0.15963685	7.12E-05	0.00056436	BOLA3-AS1
NA	ENSG00000225442	0.48562828	0.01087426	0.38337501	0.79137861	NA	MPRIP-AS1
NA	ENSG00000225443	0	NA	NA	NA	NA	
105374596	ENSG00000225444	0	NA	NA	NA	NA	LINC01867
NA	ENSG00000225446	1.02279267	-0.01931631	0.38179966	0.72117377	NA	LINC01763
NA	ENSG00000225447	1.75007813	-0.02188176	0.37768664	0.77621553	NA	RPS15AP10
NA	ENSG00000225448	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100131320	ENSG00000225449	2.79532757	0.16117923	0.42633197	0.07417139	0.19985881	RAB6C-AS1
NA	ENSG00000225450	0.55062598	0.03282918	0.38622697	0.45302687	NA	
NA	ENSG00000225451	0	NA	NA	NA	NA	
NA	ENSG00000225455	0	NA	NA	NA	NA	TPI1P4
NA	ENSG00000225457	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225458	0	NA	NA	NA	NA	
NA	ENSG00000225460	0	NA	NA	NA	NA	
NA	ENSG00000225462	0.18922458	0.01954053	0.38488496	0.78225479	NA	FDPSPI
NA	ENSG00000225463	0	NA	NA	NA	NA	ZNF70P1
NA	ENSG00000225465	316.859414	-0.44164094	0.14810174	0.0012595	0.00720544	RFPL1S
NA	ENSG00000225466	0	NA	NA	NA	NA	OFD1P10Y
NA	ENSG00000225469	0	NA	NA	NA	NA	
554203	ENSG00000225470	832.206629	-0.13009834	0.1008693	0.18052994	0.37749937	JPX
NA	ENSG00000225471	0	NA	NA	NA	NA	
NA	ENSG00000225472	17.2692997	-1.88132753	0.69202527	0.0003402	0.00229264	
NA	ENSG00000225473	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ATP13A4-AS1
NA	ENSG00000225475	0	NA	NA	NA	NA	
NA	ENSG00000225476	0	NA	NA	NA	NA	MTCO3P5
NA	ENSG00000225477	0	NA	NA	NA	NA	
NA	ENSG00000225478	0	NA	NA	NA	NA	
100874337	ENSG00000225479	0	NA	NA	NA	NA	PLCB1-IT1
NA	ENSG00000225480	0	NA	NA	NA	NA	
NA	ENSG00000225482	0	NA	NA	NA	NA	RPS6P14
NA	ENSG00000225483	0	NA	NA	NA	NA	RPL22P4
101060691	ENSG00000225484	186.235056	-0.27531884	0.18378919	0.08795443	0.22660814	NUTM2B-AS1
NA	ENSG00000225486	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225487	0	NA	NA	NA	NA	RPL35AP7
NA	ENSG00000225488	0	NA	NA	NA	NA	
NA	ENSG00000225489	3.41510953	0.06950394	0.37870816	0.50102697	0.71823519	
NA	ENSG00000225491	0	NA	NA	NA	NA	UBE2Q2P4Y
400759	ENSG00000225492	0.64550788	-0.02592504	0.38372989	0.6104625	NA	GBP1P1

	NA	ENSG00000225493	0.47306532	-0.00779343	0.38324742	0.85933897	NA	LINC01107
	NA	ENSG00000225496	0.29863895	-0.02292439	0.3852726	0.68753245	NA	RTRAFP1
101929310	ENSG00000225497	0	NA	NA	NA	NA	NA	KCNMA1-AS2
	NA	ENSG00000225498	0.50739314	0.03073164	0.38601526	0.48364319	NA	
	NA	ENSG00000225499	0	NA	NA	NA	NA	RPL15P4
	NA	ENSG00000225501	0	NA	NA	NA	NA	SNRPF3
	NA	ENSG00000225502	0	NA	NA	NA	NA	GAPDHP16
	NA	ENSG00000225505	0	NA	NA	NA	NA	
	NA	ENSG00000225506	0.64115605	0.00324257	0.38137201	0.94882331	NA	CYP4A22-AS1
	NA	ENSG00000225507	17.7611509	-0.15579024	0.35627008	0.39142514	0.62087262	
	NA	ENSG00000225508	0	NA	NA	NA	NA	SSXP5
	NA	ENSG00000225509	0	NA	NA	NA	NA	AIFM1P1
	NA	ENSG00000225510	0.34114803	0.02362682	0.38535344	0.62408562	NA	PCDH8P1
	NA	ENSG00000225511	0.93085068	-0.04637774	0.38638589	0.38666774	NA	LINC00475
	NA	ENSG00000225513	0.90044881	0.03969117	0.38503326	0.43099147	NA	
	NA	ENSG00000225514	0	NA	NA	NA	NA	MTND1P34
100289150	ENSG00000225516	0	NA	NA	NA	NA	NA	FAM197Y5
	NA	ENSG00000225518	23.7447099	0.32333204	0.42039302	0.13716985	0.3127025	LINC01703
	NA	ENSG00000225519	0	NA	NA	NA	NA	
	NA	ENSG00000225521	0	NA	NA	NA	NA	SNED1-AS1
	NA	ENSG00000225522	0	NA	NA	NA	NA	
	NA	ENSG00000225523	0	NA	NA	NA	NA	IGKV6D-21
100129480	ENSG00000225526	5.9417651	0.09954011	0.37059049	0.48164566	0.70240082		MKRN2OS
	NA	ENSG00000225527	1.31799014	0.01011431	0.3770045	0.89620885	NA	
	NA	ENSG00000225528	0	NA	NA	NA	NA	
	NA	ENSG00000225530	0	NA	NA	NA	NA	SP3P
	NA	ENSG00000225531	0	NA	NA	NA	NA	
	NA	ENSG00000225532	0.5075908	0.01540407	0.38314148	0.73926451	NA	
	NA	ENSG00000225533	2.5319083	0.10395016	0.39337861	0.27127118	NA	PAWRP1
102724386	ENSG00000225535	0	NA	NA	NA	NA	NA	LINC01393
	NA	ENSG00000225536	0	NA	NA	NA	NA	STIP1P3
	NA	ENSG00000225537	0	NA	NA	NA	NA	
	NA	ENSG00000225538	0	NA	NA	NA	NA	OR5BE1P
	NA	ENSG00000225539	0	NA	NA	NA	NA	LINC01821
100874216	ENSG00000225542	0	NA	NA	NA	NA	NA	ZNF385D-AS1
	NA	ENSG00000225544	1.36446158	0.06328391	0.38587702	0.37750587	NA	
	NA	ENSG00000225545	0	NA	NA	NA	NA	
105375475	ENSG00000225546	3.57660607	-0.25352998	0.4982603	0.0353312	0.11413817		LINC02476

105377007	ENSG00000225548	0	NA	NA	NA	NA	LINC01980
NA	ENSG00000225549	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SELENOKP3
NA	ENSG00000225551	0	NA	NA	NA	NA	
NA	ENSG00000225552	0	NA	NA	NA	NA	NAALADL2-AS1
NA	ENSG00000225555	2.65895479	-0.02371348	0.37829351	0.75086654	0.88290122	
100191040	ENSG00000225556	0.52208014	0.03144967	0.3860856	0.473009	NA	C2CD4D
NA	ENSG00000225557	0.5161511	0.03116282	0.38605747	0.47720307	NA	MTCO3P20
NA	ENSG00000225558	0	NA	NA	NA	NA	UBE2D3P2
NA	ENSG00000225559	1.301514	0.01076485	0.37812791	0.88183692	NA	
105379268	ENSG00000225560	0	NA	NA	NA	NA	FAM197Y8
NA	ENSG00000225561	0	NA	NA	NA	NA	LINC01710
NA	ENSG00000225563	0	NA	NA	NA	NA	
101928496	ENSG00000225564	0	NA	NA	NA	NA	LINC01492
NA	ENSG00000225568	0	NA	NA	NA	NA	
NA	ENSG00000225569	0	NA	NA	NA	NA	CCT4P2
NA	ENSG00000225570	0	NA	NA	NA	NA	
100506413	ENSG00000225572	1.52668696	-0.00602835	0.37735975	0.93467931	NA	DOCK4-AS1
NA	ENSG00000225573	0.34746601	0.02370763	0.3853651	0.61987128	NA	RPL35P5
NA	ENSG00000225574	0	NA	NA	NA	NA	DRAXINP1
100874001	ENSG00000225578	1.10656477	-0.02773151	0.38127358	0.65573564	NA	NCBP2-AS1
NA	ENSG00000225579	15.2986869	0.23466954	0.38653662	0.23405293	0.45093611	EDNRB-AS1
NA	ENSG00000225580	0.3400695	0.00218227	0.38337744	0.9668509	NA	PA2G4P5
NA	ENSG00000225581	0	NA	NA	NA	NA	TRIM53AP
NA	ENSG00000225582	0	NA	NA	NA	NA	
NA	ENSG00000225583	0	NA	NA	NA	NA	
NA	ENSG00000225585	0	NA	NA	NA	NA	IPPKP1
NA	ENSG00000225588	0	NA	NA	NA	NA	
NA	ENSG00000225591	0.30001859	-0.02294461	0.38527539	0.68644705	NA	
NA	ENSG00000225594	0	NA	NA	NA	NA	
NA	ENSG00000225595	1.82075889	-0.10638678	0.40138642	0.12019794	NA	LINC01623
NA	ENSG00000225598	0	NA	NA	NA	NA	
100873935	ENSG00000225602	0	NA	NA	NA	NA	MTOR-AS1
NA	ENSG00000225603	0	NA	NA	NA	NA	
NA	ENSG00000225605	0	NA	NA	NA	NA	
NA	ENSG00000225606	0	NA	NA	NA	NA	
NA	ENSG00000225609	0	NA	NA	NA	NA	CDY20P
NA	ENSG00000225610	0	NA	NA	NA	NA	
729083	ENSG00000225611	0.54696598	0.03265554	0.38620891	0.4554863	NA	LINC02158

105375589	ENSG00000225612	0	NA	NA	NA	NA	
NA	ENSG00000225613	0	NA	NA	NA	NA	LINCMD1
84627	ENSG00000225614	721.435231	-0.46137721	0.11173082	1.58E-05	0.0001442	ZNF469
NA	ENSG00000225615	0	NA	NA	NA	NA	RBMV2UP
NA	ENSG00000225616	0	NA	NA	NA	NA	
730811	ENSG00000225619	15.1167691	-0.22965456	0.39452754	0.22852474	0.44380686	MYT1L-AS1
NA	ENSG00000225620	0	NA	NA	NA	NA	
NA	ENSG00000225622	0	NA	NA	NA	NA	PPIAP17
100874313	ENSG00000225623	0	NA	NA	NA	NA	AGBL4-IT1
NA	ENSG00000225624	0	NA	NA	NA	NA	TBL1Y1P1
NA	ENSG00000225625	0	NA	NA	NA	NA	
NA	ENSG00000225626	0	NA	NA	NA	NA	C9orf135-DT
NA	ENSG00000225630	251.222957	-0.08121356	0.1708016	0.59436655	0.7877158	MTND2P28
NA	ENSG00000225632	0	NA	NA	NA	NA	
NA	ENSG00000225636	1.42772675	-0.00172838	0.37868009	0.97889848	NA	HNRNPA3P15
NA	ENSG00000225637	0	NA	NA	NA	NA	
NA	ENSG00000225638	0	NA	NA	NA	NA	PABPC1P12
NA	ENSG00000225639	0	NA	NA	NA	NA	PGAM1P2
101929207	ENSG00000225640	0	NA	NA	NA	NA	LINC01729
NA	ENSG00000225642	0.18922458	0.01954053	0.38488496	0.78225479	NA	SNRPEP5
NA	ENSG00000225643	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225644	0	NA	NA	NA	NA	RPL35AP4
NA	ENSG00000225647	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000225648	345.218417	-0.30238489	0.13076222	0.0134902	0.05302011	SBDSP1
100506474	ENSG00000225649	1.66015737	-0.05369632	0.38204694	0.49445196	NA	
NA	ENSG00000225650	0	NA	NA	NA	NA	EIF2S2P5
NA	ENSG00000225652	0	NA	NA	NA	NA	KCNMA1-AS3
NA	ENSG00000225653	0	NA	NA	NA	NA	RNF19BPY
NA	ENSG00000225655	0	NA	NA	NA	NA	
NA	ENSG00000225656	0	NA	NA	NA	NA	
105372682	ENSG00000225657	0	NA	NA	NA	NA	LINC01716
NA	ENSG00000225658	0	NA	NA	NA	NA	TAF13P2
NA	ENSG00000225660	0	NA	NA	NA	NA	
NA	ENSG00000225661	0	NA	NA	NA	NA	RPL14P5
NA	ENSG00000225662	0	NA	NA	NA	NA	
348262	ENSG00000225663	2962.94983	-0.25830534	0.0715984	0.0002337	0.00163258	MCRIP1
NA	ENSG00000225664	0	NA	NA	NA	NA	YWHAZP8
NA	ENSG00000225665	0	NA	NA	NA	NA	SAR1AP3

NA	ENSG00000225669	0	NA	NA	NA	NA	RPL23AP27
NA	ENSG00000225670	11.1760636	-0.4383448	0.96671338	0.00034674	0.00233118	CADM3-AS1
NA	ENSG00000225671	0	NA	NA	NA	NA	FCF1P6
NA	ENSG00000225672	0	NA	NA	NA	NA	CCNT2P1
NA	ENSG00000225673	0	NA	NA	NA	NA	
NA	ENSG00000225674	0	NA	NA	NA	NA	IPO7P2
105378732	ENSG00000225675	9.01125237	0.02055041	0.34450699	0.89625321	0.95469109	LINC01771
105372988	ENSG00000225676	0	NA	NA	NA	NA	
NA	ENSG00000225678	0	NA	NA	NA	NA	
NA	ENSG00000225680	0	NA	NA	NA	NA	
NA	ENSG00000225681	0	NA	NA	NA	NA	
729658	ENSG00000225683	0	NA	NA	NA	NA	PACRG-AS3
100128385	ENSG00000225684	19.8681288	0.0335389	0.34255754	0.83483935	0.92454439	FAM225B
NA	ENSG00000225685	0	NA	NA	NA	NA	TSPY5P
NA	ENSG00000225689	1.75022987	0.05418162	0.38388111	0.40988928	NA	
NA	ENSG00000225690	0	NA	NA	NA	NA	TREML5P
NA	ENSG00000225693	2.50128236	-0.04362762	0.37939863	0.59271316	NA	LAGE3P1
NA	ENSG00000225695	0.99255688	0.02179525	0.38206078	0.68516788	NA	HNRNPA1P35
65010	ENSG00000225697	321.654158	0.20353226	0.1797964	0.19985187	0.40468067	SLC26A6
NA	ENSG00000225698	0	NA	NA	NA	NA	IGHV3-72
NA	ENSG00000225701	0	NA	NA	NA	NA	EIF4A1P13
NA	ENSG00000225703	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000225705	0	NA	NA	NA	NA	
101929407	ENSG00000225706	14.1535733	0.35090406	0.52300745	0.07779925	0.2071028	PTPRD-AS1
NA	ENSG00000225708	0	NA	NA	NA	NA	
NA	ENSG00000225710	0	NA	NA	NA	NA	PDE4DIPP8
NA	ENSG00000225711	0	NA	NA	NA	NA	
NA	ENSG00000225712	0	NA	NA	NA	NA	ATP5MC2P1
NA	ENSG00000225713	0	NA	NA	NA	NA	RPL30P1
NA	ENSG00000225715	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PSMA1P1
NA	ENSG00000225716	0	NA	NA	NA	NA	ELOCP13
NA	ENSG00000225718	0	NA	NA	NA	NA	
NA	ENSG00000225719	0	NA	NA	NA	NA	NMNAT1P2
NA	ENSG00000225720	0	NA	NA	NA	NA	
NA	ENSG00000225721	4.82103826	-0.00764079	0.36007989	0.95025723	0.97957708	
NA	ENSG00000225722	0	NA	NA	NA	NA	RPL24P9
NA	ENSG00000225723	0	NA	NA	NA	NA	MTND6P15
NA	ENSG00000225724	0	NA	NA	NA	NA	ASH2LP3

100132103	ENSG00000225725	0.81854482	-0.0316102	0.38385563	0.5288158	NA	FAM66E
NA	ENSG00000225726	0.98310848	-0.01888568	0.38162052	0.73225781	NA	
NA	ENSG00000225727	0	NA	NA	NA	NA	
NA	ENSG00000225728	0	NA	NA	NA	NA	TMEM230P1
NA	ENSG00000225730	0	NA	NA	NA	NA	ADGRF5-AS1
NA	ENSG00000225731	0.48948684	-0.0085758	0.382768	0.84339796	NA	PDE9A-AS1
100505641	ENSG00000225733	2511.68439	0.01291629	0.06156766	0.83243173	0.92392457	FGD5-AS1
NA	ENSG00000225735	0	NA	NA	NA	NA	NEK4P1
NA	ENSG00000225738	0	NA	NA	NA	NA	NRG3-AS1
NA	ENSG00000225739	0.15069912	-0.01848503	0.38480575	0.84537521	NA	NPM1P18
NA	ENSG00000225740	0	NA	NA	NA	NA	ELOCP6
NA	ENSG00000225741	0	NA	NA	NA	NA	
NA	ENSG00000225742	0.33608176	-0.00686371	0.38352161	0.95534792	NA	LINC02036
NA	ENSG00000225744	0	NA	NA	NA	NA	
NA	ENSG00000225746	20.6212301	-0.14720061	0.36010996	0.39027622	0.61954555	MEG8
NA	ENSG00000225750	0	NA	NA	NA	NA	
NA	ENSG00000225751	0	NA	NA	NA	NA	
NA	ENSG00000225752	0	NA	NA	NA	NA	
NA	ENSG00000225755	0	NA	NA	NA	NA	
138948	ENSG00000225756	619.609941	0.93089808	0.11034644	4.96E-18	1.65E-16	DBH-AS1
NA	ENSG00000225758	0	NA	NA	NA	NA	RPS17P17
100861522	ENSG00000225759	0	NA	NA	NA	NA	LINC00489
NA	ENSG00000225760	23.0359556	-0.04703309	0.30533001	0.80055207	0.90868418	LINC00431
NA	ENSG00000225761	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225762	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01389
NA	ENSG00000225764	0	NA	NA	NA	NA	P3H2-AS1
NA	ENSG00000225765	0	NA	NA	NA	NA	LINC01831
NA	ENSG00000225766	0.54947034	-0.00369597	0.38248157	0.89300819	NA	DHRS4L1
NA	ENSG00000225767	0	NA	NA	NA	NA	FAF1-AS1
101927523	ENSG00000225768	0	NA	NA	NA	NA	LINC02620
NA	ENSG00000225769	0.32367593	-0.02327181	0.38532116	0.66869384	NA	CROCCP1
NA	ENSG00000225770	0	NA	NA	NA	NA	RPS29P3
NA	ENSG00000225774	0	NA	NA	NA	NA	SIRPAP1
NA	ENSG00000225775	0	NA	NA	NA	NA	
NA	ENSG00000225777	0	NA	NA	NA	NA	DDX39AP1
219731	ENSG00000225778	5.53322937	0.21099196	0.45473253	0.05396847	0.15776255	PROSER2-AS1
NA	ENSG00000225779	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
346517	ENSG00000225781	0	NA	NA	NA	NA	OR6V1

440823	ENSG00000225783	4208.13599	0.77842486	0.07743833	1.81E-24	8.50E-23	MIAT
NA	ENSG00000225785	0	NA	NA	NA	NA	
NA	ENSG00000225787	0	NA	NA	NA	NA	LSM3P3
NA	ENSG00000225790	0.55480891	0.03072068	0.38591774	0.54880681	NA	
401264	ENSG00000225791	198.18707	-0.33635299	0.1625188	0.02234071	0.07957623	TRAM2-AS1
NA	ENSG00000225792	32.1073424	0.48352766	0.41261925	0.05564345	0.16168221	
NA	ENSG00000225793	13.8850998	-0.10437518	0.33874623	0.55560348	0.7613563	TMEM30A-DT
NA	ENSG00000225794	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000225795	0	NA	NA	NA	NA	
NA	ENSG00000225796	0	NA	NA	NA	NA	MTND4P23
NA	ENSG00000225797	0	NA	NA	NA	NA	UBDP1
NA	ENSG00000225798	0.5297845	-0.00813747	0.38311826	0.8318161	NA	
NA	ENSG00000225801	0	NA	NA	NA	NA	RABEPKP1
NA	ENSG00000225802	0	NA	NA	NA	NA	WARS1P1
NA	ENSG00000225803	0	NA	NA	NA	NA	MRPS11P1
100129216	ENSG00000225805	0	NA	NA	NA	NA	DEFB131B
NA	ENSG00000225806	11.1345735	0.02289177	0.34176434	0.88690881	0.95029993	
NA	ENSG00000225807	0	NA	NA	NA	NA	
NA	ENSG00000225808	0.84932067	0.04547707	0.38527552	0.4111475	NA	DNAJC19P5
NA	ENSG00000225809	0	NA	NA	NA	NA	RBMV2KP
NA	ENSG00000225811	0	NA	NA	NA	NA	
NA	ENSG00000225813	0	NA	NA	NA	NA	
NA	ENSG00000225814	0	NA	NA	NA	NA	GRPEL2P2
NA	ENSG00000225815	0	NA	NA	NA	NA	
NA	ENSG00000225816	0	NA	NA	NA	NA	GTF3AP5
NA	ENSG00000225818	0	NA	NA	NA	NA	
NA	ENSG00000225819	0	NA	NA	NA	NA	
NA	ENSG00000225822	1.22797924	0.07066985	0.38992006	0.23546238	NA	UBXN7-AS1
NA	ENSG00000225823	0	NA	NA	NA	NA	RPL7P45
NA	ENSG00000225825	0	NA	NA	NA	NA	IGHD6-25
79100	ENSG00000225826	0	NA	NA	NA	NA	LINC00626
NA	ENSG00000225827	0	NA	NA	NA	NA	SFTPA3P
100128071	ENSG00000225828	318.830067	0.24243119	0.1353706	0.05506704	0.16031256	FAM229A
2074	ENSG00000225830	541.065097	-0.28609448	0.13764592	0.02481947	0.08664758	ERCC6
NA	ENSG00000225831	0	NA	NA	NA	NA	RPS18P1
NA	ENSG00000225832	0	NA	NA	NA	NA	
104798195	ENSG00000225833	0	NA	NA	NA	NA	
NA	ENSG00000225836	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

NA	ENSG00000225839	0	NA	NA	NA	NA	TRMT2B-AS1
NA	ENSG00000225840	0	NA	NA	NA	NA	
NA	ENSG00000225842	0	NA	NA	NA	NA	GGCTP3
NA	ENSG00000225843	0.36269315	0.00122946	0.38336661	0.96420141	NA	NIPA2P1
NA	ENSG00000225846	0	NA	NA	NA	NA	
NA	ENSG00000225849	1.59115451	0.00569985	0.37795395	0.93824725	NA	MKRN7P
NA	ENSG00000225850	3.95911767	-0.0077925	0.36381488	0.94604397	0.97814213	
NA	ENSG00000225851	0	NA	NA	NA	NA	HLA-S
NA	ENSG00000225854	0	NA	NA	NA	NA	
284618	ENSG00000225855	227.264542	0.3008621	0.1801399	0.05932789	0.1696304	RUSC1-AS1
NA	ENSG00000225856	0	NA	NA	NA	NA	PCNPP2
NA	ENSG00000225857	3.49105842	0.00149331	0.36551515	0.99136899	0.99719939	LINC02816
NA	ENSG00000225858	0	NA	NA	NA	NA	MATR3P1
NA	ENSG00000225864	0	NA	NA	NA	NA	
NA	ENSG00000225867	0	NA	NA	NA	NA	
100631378	ENSG00000225868	4.49678278	0.08035572	0.3745555	0.51001217	0.72545712	WDR87BP
NA	ENSG00000225869	0.32337182	0.00165105	0.38337115	0.9652751	NA	
NA	ENSG00000225870	0.67501404	0.00231223	0.3818758	0.96009631	NA	LINC00368
NA	ENSG00000225871	0	NA	NA	NA	NA	
644050	ENSG00000225872	31.7924837	-0.02262747	0.28106698	0.9046393	0.95823316	LINC01529
102724231	ENSG00000225873	1.55863536	0.01202775	0.37716458	0.87616391	NA	C3orf86
NA	ENSG00000225876	0	NA	NA	NA	NA	
100289650	ENSG00000225877	0	NA	NA	NA	NA	PSG8-AS1
NA	ENSG00000225878	0	NA	NA	NA	NA	SERBP1P2
NA	ENSG00000225879	0	NA	NA	NA	NA	
79854	ENSG00000225880	26.1645917	0.08077925	0.29527332	0.67723406	0.84229976	LINC00115
100506937	ENSG00000225881	0	NA	NA	NA	NA	
105373144	ENSG00000225882	0	NA	NA	NA	NA	LINC01456
NA	ENSG00000225883	0.51937201	-0.02557462	0.38567603	0.54680819	NA	BMS1P11
729254	ENSG00000225884	0	NA	NA	NA	NA	
NA	ENSG00000225885	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000225886	0	NA	NA	NA	NA	
NA	ENSG00000225889	21.4558565	0.08089796	0.31405962	0.66713521	0.83613156	
NA	ENSG00000225891	9.40650732	0.00916846	0.35003489	0.95219535	0.98019954	DHDDS-AS1
NA	ENSG00000225893	1.45548612	-0.00348842	0.37857291	0.95860288	NA	
NA	ENSG00000225895	0	NA	NA	NA	NA	TRAPPC2P8
NA	ENSG00000225896	0	NA	NA	NA	NA	ELOCP36
NA	ENSG00000225898	0	NA	NA	NA	NA	

441581	ENSG00000225899	0.50781819	0.03075272	0.38601731	0.48332579	NA	FRG2B
NA	ENSG00000225900	0	NA	NA	NA	NA	HSPE1P13
NA	ENSG00000225901	0	NA	NA	NA	NA	MTND2P9
NA	ENSG00000225903	0	NA	NA	NA	NA	
NA	ENSG00000225904	0	NA	NA	NA	NA	MORF4L1P7
NA	ENSG00000225905	0.70300415	0.02828893	0.3838345	0.55881987	NA	
NA	ENSG00000225906	0	NA	NA	NA	NA	
NA	ENSG00000225907	0	NA	NA	NA	NA	RPS27P16
NA	ENSG00000225911	0	NA	NA	NA	NA	
NA	ENSG00000225912	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL26P36
NA	ENSG00000225913	0.50620141	0.03067247	0.38600949	0.48453605	NA	
414764	ENSG00000225914	0.91687121	-0.03748945	0.38442301	0.46559331	NA	TSBP1-AS1
NA	ENSG00000225916	0	NA	NA	NA	NA	
NA	ENSG00000225918	0.30002133	-0.02294463	0.38527539	0.68644534	NA	RPL7P59
105373199	ENSG00000225919	0	NA	NA	NA	NA	LINC01745
NA	ENSG00000225920	16.168589	0.08166284	0.33895106	0.63705507	0.81722218	RIMKLBP2
51406	ENSG00000225921	1209.8548	-0.06089928	0.09029193	0.48742273	0.70726738	NOL7
NA	ENSG00000225922	0	NA	NA	NA	NA	RPL21P92
NA	ENSG00000225923	0	NA	NA	NA	NA	
105378049	ENSG00000225924	0	NA	NA	NA	NA	TAB2-AS1
NA	ENSG00000225925	0	NA	NA	NA	NA	
NA	ENSG00000225928	0	NA	NA	NA	NA	CACYBPP1
105373100	ENSG00000225929	0	NA	NA	NA	NA	
26082	ENSG00000225930	108.266863	0.52988427	0.22576695	0.00583888	0.02653305	LINC02249
NA	ENSG00000225931	0	NA	NA	NA	NA	
100128553	ENSG00000225932	0	NA	NA	NA	NA	CTAGE4
NA	ENSG00000225933	0	NA	NA	NA	NA	RPS14P5
NA	ENSG00000225934	0.37844916	0.02407552	0.3854191	0.60038877	NA	FAM133FP
NA	ENSG00000225935	0	NA	NA	NA	NA	BANF1P5
NA	ENSG00000225936	0	NA	NA	NA	NA	
50652	ENSG00000225937	0	NA	NA	NA	NA	PCA3
NA	ENSG00000225938	0	NA	NA	NA	NA	
NA	ENSG00000225940	0	NA	NA	NA	NA	C5orf67
101927362	ENSG00000225942	0	NA	NA	NA	NA	LINC01875
NA	ENSG00000225943	0	NA	NA	NA	NA	
NA	ENSG00000225944	0	NA	NA	NA	NA	RIOK3P1
NA	ENSG00000225945	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000225947	0	NA	NA	NA	NA	

NA	ENSG00000225948	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02648
NA	ENSG00000225949	0	NA	NA	NA	NA	
4909	ENSG00000225950	0.16735865	0.01897177	0.38482933	0.78225479	NA	NTF4
107080620	ENSG00000225951	3.3328097	0.06010609	0.37524176	0.5727208	0.77250532	ODF2-AS1
NA	ENSG00000225952	0	NA	NA	NA	NA	
150538	ENSG00000225953	0.18922458	0.01954053	0.38488496	0.78225479	NA	SATB2-AS1
NA	ENSG00000225956	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225957	0	NA	NA	NA	NA	
NA	ENSG00000225959	0	NA	NA	NA	NA	MTND4P3
NA	ENSG00000225960	0	NA	NA	NA	NA	
NA	ENSG00000225963	2.01216704	0.06847135	0.38846116	0.29634815	NA	
NA	ENSG00000225964	0.3941765	0.02407869	0.38542215	0.60587058	NA	NRIR
NA	ENSG00000225965	0	NA	NA	NA	NA	
392617	ENSG00000225968	163.996284	-2.50784558	0.29125476	4.54E-19	1.62E-17	ELFN1
NA	ENSG00000225969	0.97758668	-0.0335786	0.3825872	0.57352113	NA	ABHD11-AS1
NA	ENSG00000225970	0	NA	NA	NA	NA	
NA	ENSG00000225971	0	NA	NA	NA	NA	RPS3AP51
NA	ENSG00000225972	1.56597428	0.07430329	0.3891668	0.29629551	NA	MTND1P23
101928527	ENSG00000225973	117.537914	0.25046012	0.20770853	0.15563593	0.34168605	PIGBOS1
NA	ENSG00000225974	0	NA	NA	NA	NA	
101927621	ENSG00000225975	39.416628	-0.20208902	0.31469608	0.3216318	0.54929628	LINC01534
NA	ENSG00000225976	0	NA	NA	NA	NA	CKS1BP2
NA	ENSG00000225978	0	NA	NA	NA	NA	HAR1A
NA	ENSG00000225979	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000225980	0	NA	NA	NA	NA	OR7E19P
NA	ENSG00000225981	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000225982	0	NA	NA	NA	NA	
NA	ENSG00000225984	0.16735865	0.01897177	0.38482933	0.78225479	NA	HMGB1P26
101929329	ENSG00000225988	17.5879362	0.07670625	0.32997155	0.66889196	0.83720078	LAMP5-AS1
NA	ENSG00000225990	0	NA	NA	NA	NA	SNRPEP7
NA	ENSG00000225991	1.0288088	0.02290042	0.38189063	0.67896777	NA	RPL23AP34
NA	ENSG00000225992	0	NA	NA	NA	NA	TRGVA
NA	ENSG00000225997	0	NA	NA	NA	NA	OR4A8
NA	ENSG00000225999	0	NA	NA	NA	NA	NDUFA12P1
NA	ENSG00000226002	3.64757041	-0.00440841	0.37030403	0.96327751	0.98545957	GTF2IP14
NA	ENSG00000226003	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PPIAP37
105378020	ENSG00000226004	0	NA	NA	NA	NA	LINC02528
NA	ENSG00000226005	0	NA	NA	NA	NA	LINC02660

NA	ENSG00000226007	13.9032076	-0.03899305	0.33390352	0.81538468	0.91614181	
NA	ENSG00000226009	10.6751662	-0.03738047	0.33991053	0.81600431	0.9163678	KCNIP2-AS1
NA	ENSG00000226010	0.82734129	-0.00142625	0.38202732	0.97634821	NA	
NA	ENSG00000226011	0	NA	NA	NA	NA	OFD1P1Y
NA	ENSG00000226012	0	NA	NA	NA	NA	
NA	ENSG00000226013	0	NA	NA	NA	NA	MRPS18BP1
NA	ENSG00000226014	0	NA	NA	NA	NA	
NA	ENSG00000226015	12.3221505	0.50736158	0.63930457	0.04722615	0.14233128	CCT8P1
NA	ENSG00000226016	0	NA	NA	NA	NA	RPL36AP55
NA	ENSG00000226017	0	NA	NA	NA	NA	PRICKLE2-AS3
NA	ENSG00000226020	0	NA	NA	NA	NA	CDK2AP2P3
NA	ENSG00000226022	0	NA	NA	NA	NA	
255313	ENSG00000226023	0	NA	NA	NA	NA	CT47A6
728062	ENSG00000226023	0	NA	NA	NA	NA	CT47A6
NA	ENSG00000226024	0	NA	NA	NA	NA	COX5BP7
400696	ENSG00000226025	0	NA	NA	NA	NA	
101928118	ENSG00000226026	3.80597868	-0.1628058	0.41814253	0.12718481	0.29731903	
NA	ENSG00000226028	0	NA	NA	NA	NA	PFN1P12
107984921	ENSG00000226029	125.29408	0.18693586	0.1998959	0.27538445	0.49946315	LINC01772
NA	ENSG00000226030	0	NA	NA	NA	NA	HLA-DQB3
100129662	ENSG00000226031	0	NA	NA	NA	NA	FGF13-AS1
NA	ENSG00000226032	0	NA	NA	NA	NA	
NA	ENSG00000226034	0	NA	NA	NA	NA	NANOGNBP1
NA	ENSG00000226036	0	NA	NA	NA	NA	
105370308	ENSG00000226037	0	NA	NA	NA	NA	LINC01040
NA	ENSG00000226038	0	NA	NA	NA	NA	PPIAP21
NA	ENSG00000226040	5.73348479	-0.59327192	1.36829314	0.01269571	0.05044718	
NA	ENSG00000226041	0	NA	NA	NA	NA	
NA	ENSG00000226042	0	NA	NA	NA	NA	CDY10P
NA	ENSG00000226043	0	NA	NA	NA	NA	
NA	ENSG00000226045	0	NA	NA	NA	NA	
NA	ENSG00000226046	0	NA	NA	NA	NA	AP1S2P1
NA	ENSG00000226047	0	NA	NA	NA	NA	
NA	ENSG00000226048	0	NA	NA	NA	NA	YBX1P8
NA	ENSG00000226049	1.33991867	0.00860218	0.37782418	0.90672743	NA	TLK2P1
253264	ENSG00000226051	1.0193287	-0.04966541	0.38586347	0.38208303	NA	ZNF503-AS1
729987	ENSG00000226053	27.4133085	-0.107741	0.30969707	0.57472458	0.77363021	LINC01776
NA	ENSG00000226054	2.67366754	-0.12562251	0.4028593	0.1893234	0.39021154	MEMO1P1

NA	ENSG00000226055	6.05221364	-0.16661889	0.40023252	0.25402079	0.47451017	PAICSP1
NA	ENSG00000226056	0.173733	0.01914545	0.38484597	0.78225479	NA	MTND4P32
NA	ENSG00000226057	0	NA	NA	NA	NA	PHF2P2
NA	ENSG00000226058	0	NA	NA	NA	NA	
NA	ENSG00000226059	0	NA	NA	NA	NA	HMGB3P20
NA	ENSG00000226061	0	NA	NA	NA	NA	PCMTD1P1
NA	ENSG00000226063	0.69493202	0.03154416	0.38626309	0.41391645	NA	
NA	ENSG00000226064	0	NA	NA	NA	NA	PGBD4P6
NA	ENSG00000226065	0	NA	NA	NA	NA	ZBTB45P2
NA	ENSG00000226066	0	NA	NA	NA	NA	ZP3P2
NA	ENSG00000226067	6.36069059	-0.04111386	0.35665114	0.76640846	0.8924999	LINC00623
NA	ENSG00000226068	0	NA	NA	NA	NA	HNRNPA3P4
NA	ENSG00000226070	17.5747756	-0.34731614	0.45121593	0.11576527	0.27775826	
NA	ENSG00000226072	0	NA	NA	NA	NA	
NA	ENSG00000226074	0.173733	0.01914545	0.38484597	0.78225479	NA	PRSS44P
NA	ENSG00000226075	0	NA	NA	NA	NA	PHKG1P1
NA	ENSG00000226078	0	NA	NA	NA	NA	
105377959	ENSG00000226079	0	NA	NA	NA	NA	
NA	ENSG00000226080	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL6P4
NA	ENSG00000226081	0	NA	NA	NA	NA	USP12PX
NA	ENSG00000226082	0	NA	NA	NA	NA	
100129213	ENSG00000226083	0	NA	NA	NA	NA	SLC39A12-AS1
NA	ENSG00000226084	0.81161749	-0.00647173	0.38078718	0.90902796	NA	
NA	ENSG00000226085	51.0160513	0.04319963	0.26142092	0.82348595	0.91956781	UQCRFS1P1
NA	ENSG00000226086	0.15069912	-0.01848503	0.38480575	0.84537521	NA	EIF3LP3
NA	ENSG00000226087	1.66744935	0.00270462	0.37651618	0.96642304	NA	
NA	ENSG00000226088	0.31741637	0.00170164	0.38337191	0.96154688	NA	HHLA3-AS1
NA	ENSG00000226089	0	NA	NA	NA	NA	
389634	ENSG00000226091	8.72206867	0.15383671	0.38660969	0.31382004	0.54165894	LINC00937
NA	ENSG00000226092	0	NA	NA	NA	NA	RBMV2AP
NA	ENSG00000226093	0	NA	NA	NA	NA	RPS28P8
NA	ENSG00000226094	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL7P3
NA	ENSG00000226096	0	NA	NA	NA	NA	
101927769	ENSG00000226097	0	NA	NA	NA	NA	
NA	ENSG00000226098	0	NA	NA	NA	NA	SEC11B
101928205	ENSG00000226101	0.83772003	0.02747102	0.38326223	0.54390533	NA	LINC02097
NA	ENSG00000226102	0	NA	NA	NA	NA	SEPTIN7P3
NA	ENSG00000226107	2.61596396	-0.03832792	0.37305483	0.70327906	0.85733066	RPL36AP54

NA	ENSG00000226108	0	NA	NA	NA	NA	RAB28P1
NA	ENSG00000226110	0	NA	NA	NA	NA	
NA	ENSG00000226112	0	NA	NA	NA	NA	FCF1P4
NA	ENSG00000226113	0	NA	NA	NA	NA	
NA	ENSG00000226114	0	NA	NA	NA	NA	NDUFB4P5
NA	ENSG00000226115	0	NA	NA	NA	NA	
NA	ENSG00000226116	0	NA	NA	NA	NA	USP9YP6
NA	ENSG00000226117	0	NA	NA	NA	NA	
NA	ENSG00000226118	0	NA	NA	NA	NA	MTND3P1
NA	ENSG00000226119	0	NA	NA	NA	NA	C3orf49P1
NA	ENSG00000226121	2.6641049	-0.06587773	0.37975774	0.49641283	0.714811	AHCTF1P1
100129427	ENSG00000226122	0.18922458	0.01954053	0.38488496	0.78225479	NA	DDC-AS1
348751	ENSG00000226124	0	NA	NA	NA	NA	FTCDNL1
151475	ENSG00000226125	1.2196833	0.06263997	0.39120018	0.16800124	NA	LINC01907
NA	ENSG00000226126	0	NA	NA	NA	NA	PSMC1P12
NA	ENSG00000226128	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL26P9
NA	ENSG00000226130	0	NA	NA	NA	NA	
NA	ENSG00000226131	0	NA	NA	NA	NA	PPIAP66
NA	ENSG00000226132	0	NA	NA	NA	NA	RPS3AP46
NA	ENSG00000226133	0	NA	NA	NA	NA	LINC02794
NA	ENSG00000226134	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
440465	ENSG00000226137	946.510848	0.18822354	0.09466113	0.03991426	0.12519819	BAIAP2-DT
NA	ENSG00000226138	0	NA	NA	NA	NA	
102724039	ENSG00000226140	0	NA	NA	NA	NA	LINC02654
NA	ENSG00000226141	0	NA	NA	NA	NA	
NA	ENSG00000226142	0	NA	NA	NA	NA	RPL35P8
NA	ENSG00000226143	0	NA	NA	NA	NA	
NA	ENSG00000226144	0	NA	NA	NA	NA	RPS27AP3
NA	ENSG00000226145	0	NA	NA	NA	NA	KRT16P6
NA	ENSG00000226147	1.56129357	0.00812197	0.38067602	0.8883197	NA	TUBBP10
NA	ENSG00000226148	0.65218758	0.01982308	0.38365259	0.64152528	NA	SLC25A39P1
NA	ENSG00000226149	0	NA	NA	NA	NA	
NA	ENSG00000226153	1.0888034	-0.05495975	0.38648933	0.34233108	NA	CHP1P3
NA	ENSG00000226156	0	NA	NA	NA	NA	RPL23AP76
NA	ENSG00000226157	0	NA	NA	NA	NA	OR52E3P
NA	ENSG00000226158	0.52119901	0.02576573	0.38568143	0.51723676	NA	CLCP2
101926924	ENSG00000226159	0	NA	NA	NA	NA	LINC01375
NA	ENSG00000226160	0	NA	NA	NA	NA	

NA	ENSG00000226161	0.68115569	0.03137359	0.38359832	0.5470756	NA	EIF4A1P5
NA	ENSG00000226163	0	NA	NA	NA	NA	
NA	ENSG00000226164	0	NA	NA	NA	NA	FGFR3P6
NA	ENSG00000226166	0	NA	NA	NA	NA	
100287722	ENSG00000226167	21.0683222	-0.18369714	0.33597469	0.35480607	0.58529579	AP4B1-AS1
NA	ENSG00000226168	0	NA	NA	NA	NA	
NA	ENSG00000226169	0	NA	NA	NA	NA	
105378933	ENSG00000226172	0	NA	NA	NA	NA	
647310	ENSG00000226174	27.1109534	-0.06770922	0.32941931	0.69397032	0.8520157	TEX22
NA	ENSG00000226179	4.08316213	0.05700514	0.37053738	0.62868943	0.81183476	LINC00685
100129215	ENSG00000226180	49.8927228	0.1505098	0.27184697	0.44851694	0.67234398	
NA	ENSG00000226181	0	NA	NA	NA	NA	
NA	ENSG00000226183	0	NA	NA	NA	NA	RANP7
NA	ENSG00000226185	0	NA	NA	NA	NA	TRIM64FP
NA	ENSG00000226186	0.34699735	0.00062706	0.38336311	0.96252575	NA	ELOCP21
NA	ENSG00000226188	0	NA	NA	NA	NA	HNRNPA1P3
NA	ENSG00000226191	0	NA	NA	NA	NA	CLK3P2
NA	ENSG00000226193	0	NA	NA	NA	NA	
NA	ENSG00000226194	0.70665095	0.00414704	0.38184083	0.93018142	NA	LINC02519
NA	ENSG00000226196	0	NA	NA	NA	NA	GAPDHP75
NA	ENSG00000226197	5.49849191	-0.53430882	1.1690015	0.0105373	0.04321207	
NA	ENSG00000226199	0	NA	NA	NA	NA	
NA	ENSG00000226200	115.186779	-0.5513927	0.30965415	0.0181895	0.06735733	SGMS1-AS1
101926955	ENSG00000226203	0	NA	NA	NA	NA	LINC01733
NA	ENSG00000226204	0	NA	NA	NA	NA	
NA	ENSG00000226205	0.44795842	-0.02501848	0.38558245	0.5807882	NA	RPS3AP27
NA	ENSG00000226206	0	NA	NA	NA	NA	
NA	ENSG00000226207	0	NA	NA	NA	NA	
NA	ENSG00000226208	0	NA	NA	NA	NA	
NA	ENSG00000226209	0	NA	NA	NA	NA	RBISP1
100288778	ENSG00000226210	405.393221	0.28182873	0.12292594	0.01523724	0.05837164	WASH8P
NA	ENSG00000226211	0	NA	NA	NA	NA	
NA	ENSG00000226212	0	NA	NA	NA	NA	TRGV6
NA	ENSG00000226213	0	NA	NA	NA	NA	UBQLN4P2
NA	ENSG00000226216	0	NA	NA	NA	NA	RPS12P5
NA	ENSG00000226217	0	NA	NA	NA	NA	RPL19P1
NA	ENSG00000226218	0	NA	NA	NA	NA	
NA	ENSG00000226220	10.2795501	-0.00107544	0.3429364	0.99248458	0.99756121	CICP22

NA	ENSG00000226221	3.91459995	0.06614115	0.37132069	0.58260933	0.77930283	RPL26P19
NA	ENSG00000226222	0	NA	NA	NA	NA	H2BP7
NA	ENSG00000226223	0	NA	NA	NA	NA	TSPY16P
NA	ENSG00000226226	0	NA	NA	NA	NA	PRELID3BP1
NA	ENSG00000226229	0.53691404	0.01471475	0.38298965	0.72720758	NA	RPLP0P1
NA	ENSG00000226230	0	NA	NA	NA	NA	
NA	ENSG00000226232	18.1060577	-0.10150706	0.33728726	0.56801258	0.76919502	NPIPB14P
NA	ENSG00000226233	0	NA	NA	NA	NA	
NA	ENSG00000226234	0	NA	NA	NA	NA	KRT18P24
284576	ENSG00000226235	0	NA	NA	NA	NA	LEMD1-AS1
100506834	ENSG00000226237	3.54764464	0.10441775	0.3892161	0.32036607	0.54819611	GAS1RR
NA	ENSG00000226238	0	NA	NA	NA	NA	
NA	ENSG00000226239	16.7742595	-0.15237336	0.35080909	0.40653467	0.63480853	
100874151	ENSG00000226240	0	NA	NA	NA	NA	LINC00381
NA	ENSG00000226241	0.36290805	0.02389444	0.38539235	0.60998959	NA	
NA	ENSG00000226242	0	NA	NA	NA	NA	RPS17P8
NA	ENSG00000226243	0	NA	NA	NA	NA	RPL37AP1
414197	ENSG00000226245	1.38086085	-0.07617508	0.39112589	0.22430827	NA	ZNF32-AS1
NA	ENSG00000226246	0	NA	NA	NA	NA	KRT18P36
NA	ENSG00000226247	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SUPT4H1P1
105378044	ENSG00000226249	0	NA	NA	NA	NA	
NA	ENSG00000226250	0	NA	NA	NA	NA	LINC00408
101929541	ENSG00000226251	0	NA	NA	NA	NA	LINC02608
NA	ENSG00000226252	0	NA	NA	NA	NA	
NA	ENSG00000226253	0	NA	NA	NA	NA	MRPL35P3
NA	ENSG00000226254	0	NA	NA	NA	NA	PTP4A1P3
NA	ENSG00000226255	0	NA	NA	NA	NA	UBE2V2P1
101927347	ENSG00000226258	0	NA	NA	NA	NA	GRM7-AS3
NA	ENSG00000226259	281.023031	-0.10178748	0.14489826	0.44711184	0.67106427	GTF2H2B
NA	ENSG00000226261	0.64727773	-0.04636002	0.38776164	0.35991035	NA	PIMREGP1
NA	ENSG00000226262	0	NA	NA	NA	NA	PHKBP1
NA	ENSG00000226263	0.18922458	0.01954053	0.38488496	0.78225479	NA	ISM1-AS1
29994	ENSG00000226266	18.1933278	-0.09685777	0.3279584	0.59542558	0.78816266	
NA	ENSG00000226268	0.64968336	0.00293168	0.38249129	0.94406956	NA	
NA	ENSG00000226270	0	NA	NA	NA	NA	ZNF736P2Y
100874239	ENSG00000226272	0	NA	NA	NA	NA	ARHGAP26-AS1
NA	ENSG00000226273	0	NA	NA	NA	NA	STUB1P1
NA	ENSG00000226276	0.60090956	-0.03513988	0.3864936	0.44169068	NA	

NA	ENSG00000226277	0	NA	NA	NA	NA	
NA	ENSG00000226278	0.68558444	-0.02072785	0.38300054	0.65059311	NA	PSPHP1
NA	ENSG00000226279	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL12P10
NA	ENSG00000226280	0	NA	NA	NA	NA	
NA	ENSG00000226281	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000226284	0.75100748	-0.04349626	0.38757485	0.34405416	NA	ARPC3P1
NA	ENSG00000226285	0	NA	NA	NA	NA	NUP35P2
NA	ENSG00000226286	0	NA	NA	NA	NA	
84222	ENSG00000226287	12.9675153	0.05171554	0.33177095	0.76597633	0.89234011	TMEM191A
143502	ENSG00000226288	0.14931947	-0.01844332	0.38480212	0.84537521	NA	OR52I2
NA	ENSG00000226289	0	NA	NA	NA	NA	CDCA4P3
NA	ENSG00000226291	0.32315891	0.00149649	0.38336956	0.96675376	NA	
NA	ENSG00000226292	0	NA	NA	NA	NA	RPS3AP10
NA	ENSG00000226296	0	NA	NA	NA	NA	
NA	ENSG00000226297	0	NA	NA	NA	NA	RPL17P14
NA	ENSG00000226298	0	NA	NA	NA	NA	RAD23BP3
NA	ENSG00000226299	0	NA	NA	NA	NA	RPSAP62
NA	ENSG00000226301	0	NA	NA	NA	NA	PDCL3P1
NA	ENSG00000226302	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000226304	0	NA	NA	NA	NA	
4888	ENSG00000226306	2.28161452	-0.01362115	0.37585331	0.86483557	NA	NPY6R
NA	ENSG00000226307	0	NA	NA	NA	NA	HNRNPDLP1
NA	ENSG00000226308	4.0816852	-0.10849996	0.39009496	0.31798323	0.54561048	
NA	ENSG00000226309	0	NA	NA	NA	NA	SMARCE1P2
NA	ENSG00000226310	5.22404824	0.11172271	0.38056062	0.39669665	0.6258107	
65072	ENSG00000226312	2.45947532	-0.00168255	0.37126324	0.98479353	NA	CFLAR-AS1
NA	ENSG00000226313	0	NA	NA	NA	NA	MTCYBP12
651302	ENSG00000226314	52.7369131	-0.20566706	0.28744505	0.31173712	0.53950318	ZNF192P1
100874137	ENSG00000226317	0	NA	NA	NA	NA	LINC00351
NA	ENSG00000226318	12.1097912	-0.30658312	0.47365614	0.11344834	0.27329189	RPS3AP38
101928114	ENSG00000226320	0	NA	NA	NA	NA	LINC01811
728763	ENSG00000226321	0.173733	0.01914545	0.38484597	0.78225479	NA	CROCC2
NA	ENSG00000226323	0	NA	NA	NA	NA	
NA	ENSG00000226324	0	NA	NA	NA	NA	
NA	ENSG00000226327	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPSAP49
100506714	ENSG00000226328	88.6428701	0.37464385	0.24236776	0.05680083	0.16421638	NUP50-DT
NA	ENSG00000226329	0	NA	NA	NA	NA	
NA	ENSG00000226330	0.173733	0.01914545	0.38484597	0.78225479	NA	

NA	ENSG00000226331	0	NA	NA	NA	NA	RPL23AP28
NA	ENSG00000226332	12.6288793	0.29797566	0.45703198	0.12974158	0.30141369	
NA	ENSG00000226334	0	NA	NA	NA	NA	
NA	ENSG00000226336	0	NA	NA	NA	NA	MRPS16P3
NA	ENSG00000226337	0	NA	NA	NA	NA	TMEM252-DT
NA	ENSG00000226338	0	NA	NA	NA	NA	
NA	ENSG00000226339	0	NA	NA	NA	NA	RPS26P56
NA	ENSG00000226340	5.32386747	0.04678331	0.36325728	0.71875946	0.86509267	USP8P2
NA	ENSG00000226341	0	NA	NA	NA	NA	MTCYBP39
NA	ENSG00000226342	12.6442957	-0.19757981	0.39205845	0.26073779	0.48269458	NMD3P1
NA	ENSG00000226344	0	NA	NA	NA	NA	CST12P
NA	ENSG00000226345	0	NA	NA	NA	NA	
NA	ENSG00000226348	0.34686234	0.00017627	0.38336207	0.96678785	NA	VN2R10P
NA	ENSG00000226349	0	NA	NA	NA	NA	
NA	ENSG00000226352	1.27798097	-0.05723098	0.38749632	0.29992069	NA	PSPC1-AS2
NA	ENSG00000226353	0	NA	NA	NA	NA	TAF9P1
NA	ENSG00000226355	0	NA	NA	NA	NA	
NA	ENSG00000226356	0	NA	NA	NA	NA	RPS6P20
NA	ENSG00000226358	0	NA	NA	NA	NA	KRT8P38
NA	ENSG00000226359	6.33972393	-0.04826416	0.35942089	0.72239245	0.86754018	ACTG1P24
NA	ENSG00000226360	0.49056306	0.01395654	0.38307655	0.7610912	NA	RPL10AP6
NA	ENSG00000226361	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TERF1P5
NA	ENSG00000226363	7.33957565	-0.02022732	0.35609572	0.88011742	0.94683492	HAGLROS
105371831	ENSG00000226364	0	NA	NA	NA	NA	LINC02089
NA	ENSG00000226366	0	NA	NA	NA	NA	CCDC12P1
93654	ENSG00000226367	0	NA	NA	NA	NA	ST7-AS2
NA	ENSG00000226369	0	NA	NA	NA	NA	USP9YP11
104355140	ENSG00000226370	0	NA	NA	NA	NA	LINC00375
139425	ENSG00000226372	0.92810934	0.05156487	0.38895007	0.2463133	NA	DCAF8L1
105376672	ENSG00000226374	0	NA	NA	NA	NA	LINC01345
NA	ENSG00000226375	0.35673044	0.02381742	0.38538111	0.61399211	NA	
NA	ENSG00000226376	0	NA	NA	NA	NA	
NA	ENSG00000226377	0	NA	NA	NA	NA	
NA	ENSG00000226380	1.49530725	0.07565215	0.39456425	0.10705957	NA	
101929378	ENSG00000226383	0	NA	NA	NA	NA	LINC01876
NA	ENSG00000226386	0.83685934	0.03717035	0.38464818	0.46033501	NA	PARD3-AS1
100505890	ENSG00000226387	0	NA	NA	NA	NA	SORCS3-AS1
NA	ENSG00000226388	0	NA	NA	NA	NA	ELL2P4

NA	ENSG00000226389	0	NA	NA	NA	NA	MAPK6P6
NA	ENSG00000226390	18.4202542	0.29957646	0.4006909	0.16475022	0.35442346	KCNQ2-AS1
NA	ENSG00000226392	0	NA	NA	NA	NA	MTATP6P21
NA	ENSG00000226393	2.56481711	-0.07114091	0.3842019	0.41041294	0.63818422	IFNA20P
NA	ENSG00000226394	0	NA	NA	NA	NA	
NA	ENSG00000226395	0	NA	NA	NA	NA	MRPS21P5
NA	ENSG00000226396	4.06317067	-0.01362167	0.36394817	0.90750577	0.95963244	
NA	ENSG00000226397	0.15069912	-0.01848503	0.38480575	0.84537521	NA	C12orf77
NA	ENSG00000226398	0	NA	NA	NA	NA	
NA	ENSG00000226400	0	NA	NA	NA	NA	
NA	ENSG00000226401	0	NA	NA	NA	NA	
NA	ENSG00000226403	0	NA	NA	NA	NA	
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NA	ENSG00000226406	0	NA	NA	NA	NA	RBMX2P1
NA	ENSG00000226407	0	NA	NA	NA	NA	RPL23P11
NA	ENSG00000226409	0	NA	NA	NA	NA	
NA	ENSG00000226410	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000226411	0	NA	NA	NA	NA	
NA	ENSG00000226412	0	NA	NA	NA	NA	LINC02628
NA	ENSG00000226413	0.67362775	0.02087366	0.38371582	0.62560828	NA	OR8T1P
NA	ENSG00000226414	0	NA	NA	NA	NA	MTCYBP38
NA	ENSG00000226415	3.28203127	0.01774048	0.36936816	0.86876036	0.94274493	TPI1P1
100133545	ENSG00000226416	33.058406	0.34401429	0.3650098	0.13019312	0.30214427	MRPL23-AS1
100506392	ENSG00000226419	184.885947	-0.23369651	0.21795511	0.19616977	0.39991863	SLC16A1-AS1
NA	ENSG00000226420	0	NA	NA	NA	NA	IGLV3-4
NA	ENSG00000226421	0.173733	0.01914545	0.38484597	0.78225479	NA	SLC25A5P5
NA	ENSG00000226423	0	NA	NA	NA	NA	
NA	ENSG00000226425	0	NA	NA	NA	NA	
NA	ENSG00000226426	0	NA	NA	NA	NA	
NA	ENSG00000226427	0.173733	0.01914545	0.38484597	0.78225479	NA	HMG2P7
NA	ENSG00000226428	0	NA	NA	NA	NA	RPL15P13
NA	ENSG00000226429	0.48387421	-0.00596871	0.38313553	0.87486428	NA	
392197	ENSG00000226430	2.97975002	-0.02506305	0.37566274	0.77066439	0.89494676	USP17L7
NA	ENSG00000226431	0	NA	NA	NA	NA	
NA	ENSG00000226432	0	NA	NA	NA	NA	
NA	ENSG00000226433	0	NA	NA	NA	NA	
348840	ENSG00000226435	0	NA	NA	NA	NA	ANKRD18DP
NA	ENSG00000226436	0	NA	NA	NA	NA	H3P43

NA	ENSG00000226438	0	NA	NA	NA	NA	
NA	ENSG00000226439	0	NA	NA	NA	NA	
NA	ENSG00000226440	0	NA	NA	NA	NA	LAMA4-AS1
NA	ENSG00000226441	0	NA	NA	NA	NA	PLCL2-AS1
NA	ENSG00000226442	0	NA	NA	NA	NA	
NA	ENSG00000226443	0	NA	NA	NA	NA	GAPDHP32
NA	ENSG00000226444	0	NA	NA	NA	NA	ACTR3BP7
NA	ENSG00000226445	17.6309419	0.04323413	0.31862557	0.81450597	0.91592004	
NA	ENSG00000226446	0	NA	NA	NA	NA	NOTCH2P1
NA	ENSG00000226447	0	NA	NA	NA	NA	ZNF25-DT
NA	ENSG00000226448	0	NA	NA	NA	NA	RPL7AP51
NA	ENSG00000226449	0	NA	NA	NA	NA	CDY5P
NA	ENSG00000226450	6.02711038	0.0555562	0.36428802	0.67045517	0.83767652	CYP2D8P
NA	ENSG00000226453	1.91688065	-0.09783149	0.40156942	0.06096536	NA	LINC02542
NA	ENSG00000226454	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000226455	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000226457	0.34746601	0.02370763	0.3853651	0.61987128	NA	RPL22P3
NA	ENSG00000226461	0	NA	NA	NA	NA	OR10G5P
NA	ENSG00000226465	6.24618708	0.01813865	0.36690712	0.87252973	0.94430258	
NA	ENSG00000226466	0	NA	NA	NA	NA	RPA2P2
NA	ENSG00000226468	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000226469	9.6263414	0.12791969	0.36237562	0.44209572	0.66680698	ADAM1B
NA	ENSG00000226470	0	NA	NA	NA	NA	RPS29P33
NA	ENSG00000226471	4.05782835	0.06660981	0.3724427	0.57250207	0.7723153	
NA	ENSG00000226472	5.64156308	0.10398646	0.37988944	0.41362187	0.64081351	
NA	ENSG00000226473	0	NA	NA	NA	NA	PPIAP62
NA	ENSG00000226474	0	NA	NA	NA	NA	
105378763	ENSG00000226476	13.0911528	0.29151971	0.45270742	0.13639461	0.31147203	LINC01748
NA	ENSG00000226477	0	NA	NA	NA	NA	
NA	ENSG00000226478	0	NA	NA	NA	NA	UPF3AP1
79134	ENSG00000226479	914.317682	0.01491963	0.09162783	0.86795018	0.94227807	TMEM185B
NA	ENSG00000226480	0	NA	NA	NA	NA	OR7H1P
NA	ENSG00000226481	0	NA	NA	NA	NA	ACTR3BP2
100874095	ENSG00000226482	0	NA	NA	NA	NA	ADIPOQ-AS1
NA	ENSG00000226483	0	NA	NA	NA	NA	
101928627	ENSG00000226484	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000226485	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RBM22P3
NA	ENSG00000226486	0	NA	NA	NA	NA	LINC01035

NA	ENSG00000226487	0	NA	NA	NA	NA	
NA	ENSG00000226488	0	NA	NA	NA	NA	LINC01824
NA	ENSG00000226489	0	NA	NA	NA	NA	
NA	ENSG00000226490	0	NA	NA	NA	NA	
NA	ENSG00000226491	0.49721202	0.01156937	0.38339218	0.77992354	NA	FTOPI
NA	ENSG00000226493	0	NA	NA	NA	NA	RPL26P27
284835	ENSG00000226496	0	NA	NA	NA	NA	LINC00323
101928280	ENSG00000226497	0	NA	NA	NA	NA	LINC02549
NA	ENSG00000226498	0.61931334	-0.01612571	0.38339741	0.71513477	NA	RPSAP21
NA	ENSG00000226499	0	NA	NA	NA	NA	
NA	ENSG00000226500	0	NA	NA	NA	NA	
NA	ENSG00000226501	0.48992088	-0.01096504	0.38290407	0.8238685	NA	USF1P1
NA	ENSG00000226502	0	NA	NA	NA	NA	KRT8P27
NA	ENSG00000226504	0	NA	NA	NA	NA	TMEM167AP1
101929551	ENSG00000226506	0	NA	NA	NA	NA	
NA	ENSG00000226507	0	NA	NA	NA	NA	IPMKP1
105373984	ENSG00000226508	16.7662703	-0.05982654	0.32966752	0.73035215	0.87106623	LINC01918
NA	ENSG00000226509	0	NA	NA	NA	NA	
100862728	ENSG00000226510	0.49766606	-0.01069175	0.38286343	0.82182424	NA	UPK1A-AS1
NA	ENSG00000226515	0	NA	NA	NA	NA	
654412	ENSG00000226516	0	NA	NA	NA	NA	FAM138B
NA	ENSG00000226519	1.9789895	0.08881696	0.39447387	0.19418073	NA	LINC00390
NA	ENSG00000226520	0	NA	NA	NA	NA	KIRREL1-IT1
NA	ENSG00000226521	0	NA	NA	NA	NA	
NA	ENSG00000226522	0	NA	NA	NA	NA	HDAC9-AS1
NA	ENSG00000226523	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000226525	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS7P10
NA	ENSG00000226526	1.64528514	-0.0413262	0.38140817	0.56234506	NA	
NA	ENSG00000226527	0	NA	NA	NA	NA	
NA	ENSG00000226529	0	NA	NA	NA	NA	MTND1P1
NA	ENSG00000226530	137.288453	-0.3463028	0.25642258	0.08483938	0.22086345	
NA	ENSG00000226532	0	NA	NA	NA	NA	
NA	ENSG00000226533	0	NA	NA	NA	NA	BTBD9-AS1
NA	ENSG00000226534	0	NA	NA	NA	NA	
NA	ENSG00000226535	0	NA	NA	NA	NA	
NA	ENSG00000226536	0	NA	NA	NA	NA	SETP15
NA	ENSG00000226537	0	NA	NA	NA	NA	OR7E33P
NA	ENSG00000226539	0	NA	NA	NA	NA	MLXP1

NA	ENSG00000226540	0	NA	NA	NA	NA	GAPDHP73
NA	ENSG00000226541	0	NA	NA	NA	NA	
NA	ENSG00000226542	0	NA	NA	NA	NA	
NA	ENSG00000226543	0	NA	NA	NA	NA	MYL6P1
NA	ENSG00000226544	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL7P22
NA	ENSG00000226545	0	NA	NA	NA	NA	
NA	ENSG00000226547	0	NA	NA	NA	NA	SSU72P1
NA	ENSG00000226548	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000226549	0.173124	-0.01911262	0.38486262	0.84537521	NA	SCDP1
NA	ENSG00000226552	0	NA	NA	NA	NA	
NA	ENSG00000226553	0	NA	NA	NA	NA	IMPDH1P7
NA	ENSG00000226554	0	NA	NA	NA	NA	MTCL1P1
NA	ENSG00000226555	0	NA	NA	NA	NA	AGKP1
NA	ENSG00000226556	0	NA	NA	NA	NA	NPM1P49
NA	ENSG00000226557	0.3168347	0.00123421	0.38336745	0.96602793	NA	TRAF6P1
NA	ENSG00000226558	0	NA	NA	NA	NA	
NA	ENSG00000226562	94.3077868	-0.44370682	0.24319968	0.02572959	0.08908813	CYP4F26P
NA	ENSG00000226564	0.173733	0.01914545	0.38484597	0.78225479	NA	FTH1P20
NA	ENSG00000226565	0	NA	NA	NA	NA	
NA	ENSG00000226566	0	NA	NA	NA	NA	
285370	ENSG00000226567	0	NA	NA	NA	NA	LINC00606
NA	ENSG00000226570	0	NA	NA	NA	NA	
NA	ENSG00000226571	0	NA	NA	NA	NA	
26792	ENSG00000226572	0	NA	NA	NA	NA	SNORD57
NA	ENSG00000226573	0	NA	NA	NA	NA	
NA	ENSG00000226576	0.85785741	0.03582101	0.38433212	0.4583511	NA	
NA	ENSG00000226577	0	NA	NA	NA	NA	MICC
NA	ENSG00000226578	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000226579	0	NA	NA	NA	NA	MTCYBP31
NA	ENSG00000226580	0	NA	NA	NA	NA	RPL39P40
NA	ENSG00000226581	31.3699414	-0.16843254	0.3009835	0.40201475	0.63031025	LINC02848
NA	ENSG00000226582	0	NA	NA	NA	NA	UBE2V1P5
NA	ENSG00000226587	0	NA	NA	NA	NA	
NA	ENSG00000226590	0	NA	NA	NA	NA	UBE2V1P10
NA	ENSG00000226592	0	NA	NA	NA	NA	
NA	ENSG00000226594	0	NA	NA	NA	NA	
NA	ENSG00000226595	0	NA	NA	NA	NA	
NA	ENSG00000226597	0.14931947	-0.01844332	0.38480212	0.84537521	NA	IFNWP9

NA	ENSG00000226599	0	NA	NA	NA	NA	
NA	ENSG00000226601	0	NA	NA	NA	NA	
NA	ENSG00000226604	31.3872232	-0.23096064	0.31573904	0.26829856	0.49105566	PAPPA-AS2
NA	ENSG00000226605	0	NA	NA	NA	NA	
NA	ENSG00000226608	0	NA	NA	NA	NA	FTLP3
NA	ENSG00000226609	7.45037276	-0.04018391	0.35485499	0.77599738	0.89702883	
NA	ENSG00000226611	0	NA	NA	NA	NA	OFD1P2Y
NA	ENSG00000226616	0	NA	NA	NA	NA	OR52M2P
NA	ENSG00000226617	0.91199506	0.01691085	0.38189687	0.74424177	NA	RPL21P110
NA	ENSG00000226619	0	NA	NA	NA	NA	
NA	ENSG00000226620	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC00343
NA	ENSG00000226621	0	NA	NA	NA	NA	
NA	ENSG00000226622	0	NA	NA	NA	NA	
NA	ENSG00000226624	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000226625	0.32387604	-0.02327341	0.3853214	0.66857863	NA	RBM17P1
NA	ENSG00000226626	0	NA	NA	NA	NA	NOP56P2
100874198	ENSG00000226627	0.50659506	-0.01027026	0.38329545	0.80875327	NA	SHANK2-AS1
147093	ENSG00000226629	0	NA	NA	NA	NA	LINC00974
NA	ENSG00000226631	0.66862451	0.02061825	0.38370025	0.63018051	NA	SLC9A3P3
NA	ENSG00000226632	0.34624801	-0.02356563	0.38536324	0.65270996	NA	UBE2V1P1
NA	ENSG00000226633	0	NA	NA	NA	NA	PPIAP28
NA	ENSG00000226636	0	NA	NA	NA	NA	
NA	ENSG00000226640	0	NA	NA	NA	NA	
NA	ENSG00000226641	0	NA	NA	NA	NA	SHISA5P1
NA	ENSG00000226642	0.16735865	0.01897177	0.38482933	0.78225479	NA	ACTG1P12
NA	ENSG00000226643	0	NA	NA	NA	NA	
NA	ENSG00000226644	3.56624903	0.18685638	0.43734442	0.08642451	0.22393591	
NA	ENSG00000226645	0	NA	NA	NA	NA	
NA	ENSG00000226646	0	NA	NA	NA	NA	RPL7P37
NA	ENSG00000226647	6.67883915	0.05401194	0.358642	0.70133188	0.85616691	
NA	ENSG00000226648	66.9284908	0.30196603	0.25657309	0.13195483	0.30491309	PLCG1-AS1
NA	ENSG00000226649	0	NA	NA	NA	NA	
285643	ENSG00000226650	4.44360202	-0.11563661	0.38807755	0.33486088	0.56474327	KIF4B
NA	ENSG00000226652	0	NA	NA	NA	NA	PSMD10P2
NA	ENSG00000226653	0	NA	NA	NA	NA	OR13Z1P
NA	ENSG00000226655	0	NA	NA	NA	NA	
NA	ENSG00000226658	0	NA	NA	NA	NA	RPL23AP30
101929574	ENSG00000226659	0	NA	NA	NA	NA	

NA	ENSG00000226660	0	NA	NA	NA	NA	TRBV2
NA	ENSG00000226661	0	NA	NA	NA	NA	
NA	ENSG00000226662	0	NA	NA	NA	NA	CHMP1AP1
NA	ENSG00000226663	0.34746601	0.02370763	0.3853651	0.61987128	NA	MTND4P10
NA	ENSG00000226664	0	NA	NA	NA	NA	
NA	ENSG00000226665	0	NA	NA	NA	NA	SSR1P2
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NA	ENSG00000226668	0	NA	NA	NA	NA	
NA	ENSG00000226669	1.72594584	0.09030032	0.39376557	0.2263492	NA	
NA	ENSG00000226670	0	NA	NA	NA	NA	BCAS2P3
NA	ENSG00000226671	0	NA	NA	NA	NA	
102216342	ENSG00000226673	0	NA	NA	NA	NA	LINC01108
401014	ENSG00000226674	0	NA	NA	NA	NA	TEX41
105378385	ENSG00000226676	0	NA	NA	NA	NA	LINC02679
NA	ENSG00000226677	0.15069912	-0.01848503	0.38480575	0.84537521	NA	IGBP1P1
NA	ENSG00000226679	0	NA	NA	NA	NA	
NA	ENSG00000226680	0	NA	NA	NA	NA	
NA	ENSG00000226681	0	NA	NA	NA	NA	
NA	ENSG00000226683	0	NA	NA	NA	NA	PWWP2AP1
100507170	ENSG00000226685	2.48247225	0.036634	0.37843395	0.65466607	NA	CT47A12
101927667	ENSG00000226686	34.9908919	-0.11842489	0.32398612	0.52768234	0.7395082	LINC01535
728558	ENSG00000226688	593.951853	0.22037906	0.12151103	0.05494781	0.16005939	ENTPD1-AS1
102725191	ENSG00000226690	0	NA	NA	NA	NA	
NA	ENSG00000226693	0	NA	NA	NA	NA	NXNP1
NA	ENSG00000226694	0	NA	NA	NA	NA	
NA	ENSG00000226695	0	NA	NA	NA	NA	ANKRD20A10P
104355426	ENSG00000226696	22.9522894	0.1175803	0.31789394	0.54130278	0.74969963	LENG8-AS1
NA	ENSG00000226698	0	NA	NA	NA	NA	
NA	ENSG00000226699	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000226700	0	NA	NA	NA	NA	MTND4P25
NA	ENSG00000226701	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL15P14
NA	ENSG00000226702	0	NA	NA	NA	NA	MIR217HG
NA	ENSG00000226703	0	NA	NA	NA	NA	NPM1P4
NA	ENSG00000226705	0	NA	NA	NA	NA	SDCBPP1
101928525	ENSG00000226706	8.19248821	0.06956191	0.35668834	0.64041727	0.8198928	
NA	ENSG00000226707	0	NA	NA	NA	NA	
NA	ENSG00000226708	0	NA	NA	NA	NA	
NA	ENSG00000226709	0	NA	NA	NA	NA	FGF12-AS3

NA	ENSG00000226711	57.5487647	0.25360213	0.28874139	0.2218988	0.43498392	FAM66C
NA	ENSG00000226715	2.8975707	-0.0521819	0.37495681	0.60921085	0.79799662	LINC01709
NA	ENSG00000226716	0	NA	NA	NA	NA	
101929428	ENSG00000226717	0	NA	NA	NA	NA	PTPRD-AS2
NA	ENSG00000226718	0	NA	NA	NA	NA	SNRPGP8
NA	ENSG00000226721	3.89307042	-0.04956401	0.37488656	0.62125333	0.80672374	EEF1DP2
100874182	ENSG00000226722	0	NA	NA	NA	NA	LINC00424
NA	ENSG00000226723	0	NA	NA	NA	NA	
NA	ENSG00000226724	0	NA	NA	NA	NA	
101928345	ENSG00000226725	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PABPC1L2B-AS1
NA	ENSG00000226726	0	NA	NA	NA	NA	TMEM256P2
NA	ENSG00000226729	0	NA	NA	NA	NA	RPL35AP30
100505985	ENSG00000226733	0	NA	NA	NA	NA	
NA	ENSG00000226734	0	NA	NA	NA	NA	SNRPGP12
NA	ENSG00000226739	0	NA	NA	NA	NA	
100507657	ENSG00000226741	0	NA	NA	NA	NA	LINC02554
440498	ENSG00000226742	129.670343	-0.09281372	0.18893804	0.57140301	0.77166993	HSBP1L1
NA	ENSG00000226744	0	NA	NA	NA	NA	
NA	ENSG00000226745	0	NA	NA	NA	NA	OAZ1P1
140771	ENSG00000226746	7.09865435	-0.14881635	0.38742874	0.31661155	0.54452953	SMCR5
101927196	ENSG00000226747	0.30139824	-0.02296476	0.38527817	0.68536535	NA	FSIP2-AS2
NA	ENSG00000226750	0	NA	NA	NA	NA	
253039	ENSG00000226752	670.023118	-0.34615276	0.11990742	0.00231054	0.01211448	CUTALP
NA	ENSG00000226753	0	NA	NA	NA	NA	FOXN3P2
100507564	ENSG00000226754	18.7260617	0.02215093	0.31411188	0.90511619	0.95850041	
NA	ENSG00000226755	0	NA	NA	NA	NA	VPS25P1
NA	ENSG00000226756	0.55299285	0.0329457	0.38623957	0.45132993	NA	
100192379	ENSG00000226757	0	NA	NA	NA	NA	
104472714	ENSG00000226758	0.32345011	0.00170447	0.38337174	0.96476382	NA	DISC1-IT1
101926890	ENSG00000226759	0	NA	NA	NA	NA	DAB1-AS1
259292	ENSG00000226761	0	NA	NA	NA	NA	TAS2R46
105376354	ENSG00000226762	0	NA	NA	NA	NA	LINC02668
100170229	ENSG00000226763	20.3962499	0.41890735	0.45091432	0.08427017	0.21970042	SRRM5
NA	ENSG00000226764	0	NA	NA	NA	NA	
NA	ENSG00000226765	0	NA	NA	NA	NA	RPSAP33
NA	ENSG00000226766	0	NA	NA	NA	NA	FABP7P1
NA	ENSG00000226767	0	NA	NA	NA	NA	
NA	ENSG00000226769	0	NA	NA	NA	NA	GAPDHP54

100506682	ENSG00000226770	0	NA	NA	NA	NA		
	NA	ENSG00000226771	0	NA	NA	NA		
	NA	ENSG00000226772	0	NA	NA	NA		
	NA	ENSG00000226773	0	NA	NA	NA		
	NA	ENSG00000226774	0	NA	NA	NA	HIKESHIP1	
	NA	ENSG00000226776	0	NA	NA	NA	KRTAP3-4P	
9834	ENSG00000226777	28.4801459	-4.24712151	0.64697654	4.68E-12	1.02E-10	FAM30A	
	NA	ENSG00000226779	0	NA	NA	NA	NAALADL2-AS2	
	NA	ENSG00000226780	0	NA	NA	NA		
	NA	ENSG00000226781	0	NA	NA	NA	TBCAP1	
	NA	ENSG00000226782	0	NA	NA	NA		
	NA	ENSG00000226783	0	NA	NA	NA	TLK1P1	
441531	ENSG00000226784	0.69249601	-0.03077728	0.38619256	0.44510896	NA	PGAM4	
	NA	ENSG00000226789	0	NA	NA	NA	WBP11P2	
	NA	ENSG00000226790	0	NA	NA	NA	HNRNPA3P1	
	NA	ENSG00000226791	0	NA	NA	NA	LINC02611	
647166	ENSG00000226792	0	NA	NA	NA	NA	C13orf42	
	NA	ENSG00000226794	0	NA	NA	NA	MTND1P20	
	NA	ENSG00000226797	1.76882166	0.03250732	0.3796508	0.6583459	NA	
	NA	ENSG00000226798	0.37844916	0.02407552	0.3854191	0.60038877	NA	
404665	ENSG00000226800	27.6496064	0.13586734	0.31952218	0.48613992	0.70618541	CACTIN-AS1	
	NA	ENSG00000226801	0	NA	NA	NA	OSTCP8	
	NA	ENSG00000226802	0	NA	NA	NA	RUVBL2P1	
	NA	ENSG00000226803	7.65102622	-0.05289337	0.3530714	0.71931782	0.86560718	ZNF451-AS1
	NA	ENSG00000226804	0	NA	NA	NA	NA	
100507600	ENSG00000226806	0	NA	NA	NA	NA	LCT-AS1	
389690	ENSG00000226807	0	NA	NA	NA	NA	MROH5	
100506835	ENSG00000226808	0	NA	NA	NA	NA	LINC00840	
	NA	ENSG00000226810	0	NA	NA	NA		
	NA	ENSG00000226812	0	NA	NA	NA		
105373600	ENSG00000226813	0	NA	NA	NA	NA	LINC01941	
	NA	ENSG00000226814	0	NA	NA	NA		
	NA	ENSG00000226816	1.56340527	0.10799441	0.40495841	0.05778775	NA	
	NA	ENSG00000226818	0	NA	NA	NA	SLC6A6P1	
	NA	ENSG00000226819	9.10847	0.16339701	0.38069955	0.32734932	0.55571237	MEIS1-AS3
	NA	ENSG00000226820	0	NA	NA	NA		
	NA	ENSG00000226822	0	NA	NA	NA	LINC02785	
	NA	ENSG00000226823	1.86022918	-0.0019789	0.37567266	0.9794191	NA	SUGT1P1

NA	ENSG00000226824	6.786408	-0.16989229	0.40202616	0.24641918	0.46570362	
NA	ENSG00000226825	0	NA	NA	NA	NA	LINC01509
NA	ENSG00000226827	0	NA	NA	NA	NA	NPM1P1
339529	ENSG00000226828	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC02774
105375341	ENSG00000226829	0	NA	NA	NA	NA	
NA	ENSG00000226831	0	NA	NA	NA	NA	MED15P3
112267877	ENSG00000226833	21.5132438	0.05224156	0.32113372	0.7732846	0.89572433	
107985092	ENSG00000226835	0	NA	NA	NA	NA	ARHGAP29-AS1
NA	ENSG00000226836	0	NA	NA	NA	NA	RPL32P19
NA	ENSG00000226837	0	NA	NA	NA	NA	HMGB1P32
NA	ENSG00000226838	0	NA	NA	NA	NA	
NA	ENSG00000226839	0	NA	NA	NA	NA	MTND6P11
NA	ENSG00000226840	0.34746601	0.02370763	0.3853651	0.61987128	NA	PAICSP3
NA	ENSG00000226842	0	NA	NA	NA	NA	
NA	ENSG00000226843	0	NA	NA	NA	NA	
NA	ENSG00000226845	0	NA	NA	NA	NA	EEF1GP3
100885781	ENSG00000226846	0	NA	NA	NA	NA	LINC00348
NA	ENSG00000226847	0	NA	NA	NA	NA	PRPS1P1
NA	ENSG00000226849	40.3441287	0.10588352	0.33331408	0.56244999	0.76552855	
NA	ENSG00000226851	0	NA	NA	NA	NA	
NA	ENSG00000226853	4.09336472	0.04520702	0.36667584	0.71067821	0.86111248	
NA	ENSG00000226854	0	NA	NA	NA	NA	
NA	ENSG00000226855	0	NA	NA	NA	NA	RPSAP17
100506797	ENSG00000226856	3.32899015	0.13414157	0.40471476	0.18905523	0.38986131	THORLNC
NA	ENSG00000226857	0	NA	NA	NA	NA	DUTP3
NA	ENSG00000226859	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02051
NA	ENSG00000226860	0	NA	NA	NA	NA	RBX1P1
NA	ENSG00000226861	1.16092296	0.04195916	0.38339317	0.49813239	NA	
NA	ENSG00000226862	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000226863	0	NA	NA	NA	NA	SHROOM2P1
100130887	ENSG00000226864	28.8110058	0.26607291	0.3404286	0.21477428	0.42508333	ATE1-AS1
NA	ENSG00000226868	0	NA	NA	NA	NA	
645591	ENSG00000226869	0	NA	NA	NA	NA	LHFPL3-AS1
NA	ENSG00000226870	0.5360515	0.03213127	0.38615479	0.46301126	NA	
NA	ENSG00000226871	0	NA	NA	NA	NA	
NA	ENSG00000226872	0	NA	NA	NA	NA	
NA	ENSG00000226873	0	NA	NA	NA	NA	CDY14P
NA	ENSG00000226874	4.31667438	-0.05801402	0.36895428	0.63133215	0.81365039	

NA	ENSG00000226875	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ZNF877P
NA	ENSG00000226876	0.16735865	0.01897177	0.38482933	0.78225479	NA	SMYD3-AS1
NA	ENSG00000226877	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000226878	0	NA	NA	NA	NA	GSTM3P2
NA	ENSG00000226881	0	NA	NA	NA	NA	H3P44
NA	ENSG00000226883	0.34114398	0.02362679	0.38535344	0.62408777	NA	
NA	ENSG00000226884	0	NA	NA	NA	NA	RPS29P10
NA	ENSG00000226885	0	NA	NA	NA	NA	E2F6P3
NA	ENSG00000226886	0	NA	NA	NA	NA	
100288413	ENSG00000226887	40.1618648	-0.08477808	0.30392578	0.65436939	0.8279776	ERVMER34-1
NA	ENSG00000226888	0	NA	NA	NA	NA	RPLP1P10
NA	ENSG00000226889	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000226890	0.53737785	0.01402437	0.38347452	0.7382242	NA	
NA	ENSG00000226891	11.0671848	0.10315629	0.3650918	0.49059599	0.71015792	LINC01359
NA	ENSG00000226899	0	NA	NA	NA	NA	
NA	ENSG00000226900	2.79197249	0.03827639	0.37552372	0.68294576	0.84542609	
NA	ENSG00000226902	0	NA	NA	NA	NA	CHCHD2P1
101928616	ENSG00000226903	0	NA	NA	NA	NA	LINC00354
NA	ENSG00000226904	0.66236754	0.00168688	0.38189625	0.97035772	NA	
NA	ENSG00000226905	0	NA	NA	NA	NA	
114761	ENSG00000226906	0	NA	NA	NA	NA	TTY4
NA	ENSG00000226908	0	NA	NA	NA	NA	H2BP6
NA	ENSG00000226912	0	NA	NA	NA	NA	ISCA2P1
100132677	ENSG00000226913	19.9799434	-1.58218476	0.71842211	0.00122724	0.00705749	BSN-DT
NA	ENSG00000226915	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL19P4
103106903	ENSG00000226917	0.38418777	0.0240106	0.38541141	0.60571348	NA	LINC01276
NA	ENSG00000226918	0	NA	NA	NA	NA	
NA	ENSG00000226919	3.83238407	-0.2682492	0.51763188	0.02424802	0.08501712	
NA	ENSG00000226920	0	NA	NA	NA	NA	
100874178	ENSG00000226921	0	NA	NA	NA	NA	LINC00454
NA	ENSG00000226925	0	NA	NA	NA	NA	IL1R1-AS1
NA	ENSG00000226926	0.173733	0.01914545	0.38484597	0.78225479	NA	PDZPH1P
NA	ENSG00000226927	0	NA	NA	NA	NA	
NA	ENSG00000226928	0	NA	NA	NA	NA	RPS14P4
255313	ENSG00000226929	0	NA	NA	NA	NA	CT47A11
NA	ENSG00000226930	0	NA	NA	NA	NA	GTF2IP2
NA	ENSG00000226933	0	NA	NA	NA	NA	NRBF2P2
118421	ENSG00000226935	0	NA	NA	NA	NA	LINC00161

NA	ENSG00000226937	15.4606686	-0.11929792	0.3372889	0.51285561	0.72814193	CEP164P1
NA	ENSG00000226938	0	NA	NA	NA	NA	
NA	ENSG00000226939	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
378951	ENSG00000226941	0	NA	NA	NA	NA	RBMY1J
NA	ENSG00000226942	2.43558913	0.08124013	0.38737464	0.34818836	NA	IL9RP3
NA	ENSG00000226943	0	NA	NA	NA	NA	ALG1L5P
102724450	ENSG00000226944	2.58385475	-0.05251516	0.3801726	0.53785739	0.74784181	RNF207-AS1
NA	ENSG00000226945	0	NA	NA	NA	NA	
NA	ENSG00000226946	0	NA	NA	NA	NA	
NA	ENSG00000226947	0	NA	NA	NA	NA	LCEP4
NA	ENSG00000226948	0	NA	NA	NA	NA	RPS4XP2
NA	ENSG00000226949	0	NA	NA	NA	NA	OR6K5P
57291	ENSG00000226950	998.827254	-0.63594405	0.08626857	4.70E-14	1.19E-12	DANCR
NA	ENSG00000226952	0	NA	NA	NA	NA	
101928161	ENSG00000226953	17.3837109	0.11371743	0.33993892	0.5286103	0.74033801	NCKAP5-AS2
NA	ENSG00000226954	0.36232394	0.00084255	0.38336406	0.96784325	NA	
NA	ENSG00000226955	0	NA	NA	NA	NA	
NA	ENSG00000226956	0	NA	NA	NA	NA	
NA	ENSG00000226957	1.14925299	-0.00569115	0.37941693	0.92915392	NA	
NA	ENSG00000226960	0	NA	NA	NA	NA	MTCO1P21
NA	ENSG00000226961	0	NA	NA	NA	NA	PPIAP60
NA	ENSG00000226962	0	NA	NA	NA	NA	RAC1P6
NA	ENSG00000226963	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000226964	11.9238066	0.23587367	0.44730838	0.13299578	0.30644076	RHEBP2
NA	ENSG00000226965	0.5041705	0.01220819	0.38341936	0.76891162	NA	
NA	ENSG00000226967	0	NA	NA	NA	NA	HAUS4P1
NA	ENSG00000226968	0	NA	NA	NA	NA	LINC00423
NA	ENSG00000226969	0	NA	NA	NA	NA	
NA	ENSG00000226970	0.18922458	0.01954053	0.38488496	0.78225479	NA	NEDD8P1
NA	ENSG00000226971	0	NA	NA	NA	NA	
NA	ENSG00000226972	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL12P19
NA	ENSG00000226973	0	NA	NA	NA	NA	
NA	ENSG00000226976	0.15069912	-0.01848503	0.38480575	0.84537521	NA	COX6A1P2
NA	ENSG00000226977	0.53956067	0.0140528	0.38347044	0.73660658	NA	HMG1P24
100874021	ENSG00000226978	0	NA	NA	NA	NA	MAGI2-AS2
4049	ENSG00000226979	0.70415399	0.051231	0.38859409	0.296127	NA	LTA
NA	ENSG00000226981	0.16735865	0.01897177	0.38482933	0.78225479	NA	ABHD17AP6
NA	ENSG00000226982	0	NA	NA	NA	NA	CENPC1

339622	ENSG00000226983	0	NA	NA	NA	NA	LINC01692
NA	ENSG00000226984	0.173124	-0.01911262	0.38486262	0.84537521	NA	
100133123	ENSG00000226985	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01203
NA	ENSG00000226986	0	NA	NA	NA	NA	PRELID1P5
NA	ENSG00000226987	0	NA	NA	NA	NA	
NA	ENSG00000226989	0	NA	NA	NA	NA	
NA	ENSG00000226990	0	NA	NA	NA	NA	
NA	ENSG00000226991	0	NA	NA	NA	NA	
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NA	ENSG00000226994	0	NA	NA	NA	NA	
100507629	ENSG00000226995	0	NA	NA	NA	NA	LINC00658
NA	ENSG00000226996	0	NA	NA	NA	NA	
NA	ENSG00000226998	0	NA	NA	NA	NA	MTATP6P30
NA	ENSG00000226999	0	NA	NA	NA	NA	
NA	ENSG00000227000	0	NA	NA	NA	NA	HSPD1P14
NA	ENSG00000227001	1.57173642	-0.0135981	0.37861896	0.84585039	NA	NBPF2P
NA	ENSG00000227002	0	NA	NA	NA	NA	SNRPEP10
NA	ENSG00000227004	0	NA	NA	NA	NA	
NA	ENSG00000227006	3.00905492	0.13105772	0.40520288	0.17851817	0.37431837	
101929390	ENSG00000227007	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01247
NA	ENSG00000227008	1.51536177	0.02290817	0.3780969	0.76334348	NA	RPS24P19
NA	ENSG00000227009	0	NA	NA	NA	NA	FUNDC2P4
100506650	ENSG00000227011	0	NA	NA	NA	NA	LINC02876
NA	ENSG00000227012	0	NA	NA	NA	NA	LINC02527
NA	ENSG00000227013	0	NA	NA	NA	NA	OR7E96P
NA	ENSG00000227014	15.5487225	-0.01424629	0.335411	0.92815383	0.96985158	FKBP14-AS1
NA	ENSG00000227015	0	NA	NA	NA	NA	
NA	ENSG00000227016	0	NA	NA	NA	NA	LINC02796
NA	ENSG00000227017	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000227018	0	NA	NA	NA	NA	IL6STP1
NA	ENSG00000227019	0	NA	NA	NA	NA	OR7E101P
NA	ENSG00000227021	0	NA	NA	NA	NA	
NA	ENSG00000227023	0	NA	NA	NA	NA	OR51A3P
100128590	ENSG00000227028	3.98809953	-0.13461329	0.40321232	0.20635439	0.41333377	SLC8A1-AS1
NA	ENSG00000227029	0	NA	NA	NA	NA	
NA	ENSG00000227032	1.05059888	0.03045601	0.38188279	0.61396593	NA	RPS2P36
NA	ENSG00000227033	0	NA	NA	NA	NA	
NA	ENSG00000227034	0	NA	NA	NA	NA	

NA	ENSG00000227035	0	NA	NA	NA	NA	MTATP6P18
400619	ENSG00000227036	12.69786	0.14242618	0.3636611	0.40896501	0.6370813	LINC00511
100499467	ENSG00000227036	12.69786	0.14242618	0.3636611	0.40896501	0.6370813	LINC00511
NA	ENSG00000227038	1.63250366	0.05463046	0.38791859	0.31570362	NA	GTF2IP7
100505746	ENSG00000227039	0.81384596	0.01394074	0.38179551	0.78681743	NA	ITGB2-AS1
NA	ENSG00000227040	0	NA	NA	NA	NA	
NA	ENSG00000227042	0	NA	NA	NA	NA	
NA	ENSG00000227043	0	NA	NA	NA	NA	LINC01682
NA	ENSG00000227045	1.24388552	-0.03153075	0.38228938	0.59368921	NA	
NA	ENSG00000227047	0	NA	NA	NA	NA	
NA	ENSG00000227048	0	NA	NA	NA	NA	
NA	ENSG00000227050	0	NA	NA	NA	NA	
56967	ENSG00000227051	4646.14616	-0.39002348	0.09078521	9.33E-06	8.91E-05	C14orf132
102724094	ENSG00000227053	0	NA	NA	NA	NA	MUC12-AS1
NA	ENSG00000227054	0	NA	NA	NA	NA	FDX1P2
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NA	ENSG00000227056	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL6P2
9277	ENSG00000227057	1599.35003	0.02129496	0.07797327	0.7809934	0.8998656	WDR46
NA	ENSG00000227058	0	NA	NA	NA	NA	
647589	ENSG00000227059	0	NA	NA	NA	NA	ANHX
100506757	ENSG00000227060	3.00672511	0.01330547	0.36941674	0.89936979	0.95557174	LINC00629
NA	ENSG00000227061	0	NA	NA	NA	NA	
NA	ENSG00000227062	0	NA	NA	NA	NA	
NA	ENSG00000227063	0	NA	NA	NA	NA	RPL41P1
NA	ENSG00000227064	0	NA	NA	NA	NA	NAA20P1
NA	ENSG00000227066	0	NA	NA	NA	NA	
NA	ENSG00000227067	0.15069912	-0.01848503	0.38480575	0.84537521	NA	DPPA3P1
NA	ENSG00000227068	0	NA	NA	NA	NA	
NA	ENSG00000227069	0	NA	NA	NA	NA	CNN2P2
NA	ENSG00000227070	0	NA	NA	NA	NA	EPS15-AS1
NA	ENSG00000227071	0	NA	NA	NA	NA	FOCAD-AS1
NA	ENSG00000227072	0	NA	NA	NA	NA	
NA	ENSG00000227073	0	NA	NA	NA	NA	SDHDP2
NA	ENSG00000227075	0	NA	NA	NA	NA	
NA	ENSG00000227076	0	NA	NA	NA	NA	
NA	ENSG00000227077	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000227078	0.60003103	-0.03562255	0.38653685	0.43872594	NA	LINC02094
NA	ENSG00000227080	0.64096572	0.00298932	0.38136894	0.95269762	NA	

NA	ENSG00000227081	3.53991008	-0.19572974	0.44432915	0.07442826	0.2003061	
NA	ENSG00000227082	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02798
NA	ENSG00000227083	0.64252159	0.00260047	0.38194671	0.95486473	NA	
NA	ENSG00000227087	0.33471731	0.02354391	0.38534154	0.62842204	NA	RBMX2P5
NA	ENSG00000227088	0	NA	NA	NA	NA	
NA	ENSG00000227089	0	NA	NA	NA	NA	
NA	ENSG00000227090	0	NA	NA	NA	NA	
NA	ENSG00000227091	2.62983453	0.00952018	0.37593586	0.90918919	0.96081355	SLC6A17-AS1
NA	ENSG00000227094	0	NA	NA	NA	NA	
NA	ENSG00000227096	0	NA	NA	NA	NA	HMGB3P8
NA	ENSG00000227097	40.7856012	-0.07516298	0.27861145	0.69739138	0.85389371	RPS28P7
105373757	ENSG00000227098	0	NA	NA	NA	NA	
NA	ENSG00000227101	0	NA	NA	NA	NA	
NA	ENSG00000227102	0	NA	NA	NA	NA	OR2AS1P
NA	ENSG00000227104	0	NA	NA	NA	NA	PIGQP1
NA	ENSG00000227105	0	NA	NA	NA	NA	PARP1P1
NA	ENSG00000227107	7.21150011	-0.04040104	0.35507186	0.7744268	0.89612867	
NA	ENSG00000227108	0	NA	NA	NA	NA	IGHD1-14
NA	ENSG00000227109	0	NA	NA	NA	NA	CRIP1P3
101927394	ENSG00000227110	43.20445	0.12149997	0.27724748	0.53872133	0.74837075	LMCD1-AS1
NA	ENSG00000227113	0	NA	NA	NA	NA	
100287225	ENSG00000227115	0.29863895	-0.02292439	0.3852726	0.68753245	NA	LINC01630
101929664	ENSG00000227117	0	NA	NA	NA	NA	HORMAD2-AS1
NA	ENSG00000227118	0	NA	NA	NA	NA	BTF3P13
NA	ENSG00000227120	0	NA	NA	NA	NA	
NA	ENSG00000227121	0	NA	NA	NA	NA	LINC02672
NA	ENSG00000227123	0	NA	NA	NA	NA	RPL12P44
100131827	ENSG00000227124	246.527675	0.01561183	0.15280676	0.91235328	0.96260718	ZNF717
NA	ENSG00000227125	0	NA	NA	NA	NA	
NA	ENSG00000227128	0	NA	NA	NA	NA	LBX1-AS1
NA	ENSG00000227131	0	NA	NA	NA	NA	
NA	ENSG00000227133	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000227134	0	NA	NA	NA	NA	OTX2P2
NA	ENSG00000227138	0	NA	NA	NA	NA	
NA	ENSG00000227139	0	NA	NA	NA	NA	
728386	ENSG00000227140	0	NA	NA	NA	NA	USP17L5
NA	ENSG00000227141	4.540005	0.23674788	0.47929515	0.04554314	0.13847905	
NA	ENSG00000227143	0	NA	NA	NA	NA	LINC01153

100996941	ENSG00000227145	0	NA	NA	NA	NA	IL21-AS1
	NA	ENSG00000227148	0	NA	NA	NA	
	NA	ENSG00000227149	0	NA	NA	NA	MTCO1P44
	NA	ENSG00000227150	0	NA	NA	NA	
81458	ENSG00000227152	0	NA	NA	NA	NA	OR2T7
	NA	ENSG00000227154	0	NA	NA	NA	MKRN6P
	NA	ENSG00000227155	0	NA	NA	NA	
	NA	ENSG00000227157	2.81998671	-0.07045477	0.38304498	0.43216563	0.65772984
	NA	ENSG00000227158	0	NA	NA	NA	
	NA	ENSG00000227159	0	NA	NA	NA	DDX11L16
	NA	ENSG00000227160	0	NA	NA	NA	THEM7P
	NA	ENSG00000227161	0	NA	NA	NA	
	NA	ENSG00000227163	0	NA	NA	NA	
283089	ENSG00000227165	4.72871727	-0.04754158	0.36996355	0.67434392	0.84019291	WDR11-AS1
	NA	ENSG00000227166	0	NA	NA	NA	STSP1
	NA	ENSG00000227167	0	NA	NA	NA	
	NA	ENSG00000227169	0	NA	NA	NA	
	NA	ENSG00000227170	0	NA	NA	NA	
	NA	ENSG00000227172	0	NA	NA	NA	
	NA	ENSG00000227173	0	NA	NA	NA	MYL6P3
	NA	ENSG00000227175	0	NA	NA	NA	
	NA	ENSG00000227176	0.97970455	0.00307808	0.38086652	0.95561186	NSA2P5
	NA	ENSG00000227177	0	NA	NA	NA	AIMP1P2
441897	ENSG00000227179	0	NA	NA	NA	NA	PGBP
	NA	ENSG00000227180	0	NA	NA	NA	LRRC2P1
105371644	ENSG00000227181	0	NA	NA	NA	NA	LINC01688
	NA	ENSG00000227182	0	NA	NA	NA	VN1R28P
	NA	ENSG00000227183	0.69150377	-0.00046625	0.38183062	0.99364896	HDGFP1
	NA	ENSG00000227186	0	NA	NA	NA	
	NA	ENSG00000227187	0	NA	NA	NA	RPL21P31
104502417	ENSG00000227188	0.86023743	0.02030224	0.38147111	0.71987968	NA	MGAT3-AS1
	NA	ENSG00000227189	3.05676145	-0.13117069	0.40229882	0.20981168	0.41823207
	NA	ENSG00000227191	0	NA	NA	NA	TRGC2
	NA	ENSG00000227192	0.68208227	0.0405981	0.38717295	0.35761729	NA
	NA	ENSG00000227193	0.16735865	0.01897177	0.38482933	0.78225479	NA
284801	ENSG00000227195	1.62177795	-0.07317329	0.38760182	0.34107446	NA	MIR663AHG
	NA	ENSG00000227196	0	NA	NA	NA	IGHD4-23
	NA	ENSG00000227197	0	NA	NA	NA	

NA	ENSG00000227198	0	NA	NA	NA	NA	C6orf47-AS1
93653	ENSG00000227199	61.7066704	0.40653623	0.29496302	0.06444519	0.18077091	ST7-AS1
NA	ENSG00000227200	0	NA	NA	NA	NA	
NA	ENSG00000227201	2.12081179	-0.00081631	0.37531161	0.99066742	NA	CNN2P1
NA	ENSG00000227203	0.173124	-0.01911262	0.38486262	0.84537521	NA	SUB1P1
NA	ENSG00000227204	0	NA	NA	NA	NA	RBMY2JP
NA	ENSG00000227205	0	NA	NA	NA	NA	PFN1P9
NA	ENSG00000227206	0	NA	NA	NA	NA	
NA	ENSG00000227207	0	NA	NA	NA	NA	RPL31P12
NA	ENSG00000227209	0	NA	NA	NA	NA	WARS2P1
101928222	ENSG00000227210	37.7676393	-0.07235952	0.29113814	0.70543401	0.85803894	
NA	ENSG00000227211	0.18922458	0.01954053	0.38488496	0.78225479	NA	H3P45
NA	ENSG00000227212	56.8625999	0.08223616	0.24684103	0.66735803	0.83619952	PFN1P6
100874231	ENSG00000227213	0	NA	NA	NA	NA	SPATA13-AS1
NA	ENSG00000227214	4.49818285	0.08320467	0.37330539	0.51046715	0.72578961	HCG15
NA	ENSG00000227215	0.49156725	-0.01080825	0.38289021	0.82543505	NA	
NA	ENSG00000227217	0	NA	NA	NA	NA	
NA	ENSG00000227218	9.03033981	-0.09427937	0.35974326	0.53881156	0.74839131	
NA	ENSG00000227220	0	NA	NA	NA	NA	
NA	ENSG00000227224	0	NA	NA	NA	NA	
NA	ENSG00000227225	0	NA	NA	NA	NA	MTND1P14
NA	ENSG00000227227	1.01425678	0.02744101	0.38241689	0.6201241	NA	
NA	ENSG00000227230	14.0158672	-0.26009721	0.45365451	0.12949853	0.30099003	
653635	ENSG00000227232	422.487934	0.21889135	0.11593459	0.0471661	0.1422151	WASH7P
NA	ENSG00000227233	0	NA	NA	NA	NA	CICP17
728695	ENSG00000227234	0	NA	NA	NA	NA	SPANXB1
NA	ENSG00000227236	2.77339532	-0.12245195	0.4027311	0.18041481	0.37732873	
NA	ENSG00000227237	0	NA	NA	NA	NA	
NA	ENSG00000227238	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TTC39DP
NA	ENSG00000227240	0	NA	NA	NA	NA	
NA	ENSG00000227241	0	NA	NA	NA	NA	
NA	ENSG00000227242	0.7359353	0.042374	0.38743642	0.33395337	NA	
NA	ENSG00000227243	0	NA	NA	NA	NA	SLAMF6P1
100507058	ENSG00000227244	0	NA	NA	NA	NA	LINC00845
NA	ENSG00000227245	1.12583452	-0.00405983	0.38036536	0.94450961	NA	
NA	ENSG00000227247	0	NA	NA	NA	NA	TRIM60P13
NA	ENSG00000227248	0	NA	NA	NA	NA	FAM155A-IT1
NA	ENSG00000227249	0	NA	NA	NA	NA	

	NA	ENSG00000227251	0	NA	NA	NA	NA	TRIM60P9Y
	NA	ENSG00000227252	37.7715665	0.16107839	0.30195681	0.42255332	0.64862343	
	NA	ENSG00000227253	2.43608647	0.01679791	0.37491926	0.84818804	NA	
	NA	ENSG00000227254	0.3411271	0.02362666	0.38535342	0.62409671	NA	VDAC1P12
	NA	ENSG00000227255	0	NA	NA	NA	NA	CDRT15P2
	NA	ENSG00000227256	1.73986008	-0.02587266	0.3778738	0.74010569	NA	MIS18A-AS1
	NA	ENSG00000227257	0	NA	NA	NA	NA	
	NA	ENSG00000227258	17.8536731	-0.41582675	0.48644025	0.08013497	0.21150429	SMIM2-AS1
	NA	ENSG00000227259	0	NA	NA	NA	NA	HMG2N2P22
101928015	NA	ENSG00000227260	0	NA	NA	NA	NA	LINC01985
	NA	ENSG00000227261	0	NA	NA	NA	NA	YWHAZP7
	NA	ENSG00000227262	0.66337881	0.00169286	0.38130777	0.97272394	NA	HCG4B
	NA	ENSG00000227264	0	NA	NA	NA	NA	ACTR3BP5
	NA	ENSG00000227265	0	NA	NA	NA	NA	GXYLT1P7
	NA	ENSG00000227267	0	NA	NA	NA	NA	
100144748	NA	ENSG00000227268	62.1755146	-0.1831896	0.25800139	0.3498333	0.58017995	KLLN
	NA	ENSG00000227269	0	NA	NA	NA	NA	
	NA	ENSG00000227270	0	NA	NA	NA	NA	
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101928418	NA	ENSG00000227274	0	NA	NA	NA	NA	MYOCD-AS1
	NA	ENSG00000227275	0	NA	NA	NA	NA	MTND6P10
	NA	ENSG00000227278	0	NA	NA	NA	NA	
	NA	ENSG00000227279	0	NA	NA	NA	NA	
	NA	ENSG00000227282	0	NA	NA	NA	NA	
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	NA	ENSG00000227284	0	NA	NA	NA	NA	MARK2P10
	NA	ENSG00000227288	1.72928421	0.03738421	0.37784956	0.65625682	NA	ARID3BP1
	NA	ENSG00000227289	0	NA	NA	NA	NA	HSFY3P
100505768	NA	ENSG00000227290	0	NA	NA	NA	NA	LINC01364
	NA	ENSG00000227291	0	NA	NA	NA	NA	
	NA	ENSG00000227292	0	NA	NA	NA	NA	
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	NA	ENSG00000227294	0	NA	NA	NA	NA	
	NA	ENSG00000227295	0	NA	NA	NA	NA	ELL2P1
	NA	ENSG00000227297	0	NA	NA	NA	NA	
	NA	ENSG00000227298	0	NA	NA	NA	NA	ARAF3P3
	NA	ENSG00000227300	0	NA	NA	NA	NA	KRT16P2
	NA	ENSG00000227301	2.03229968	0.05667287	0.38127636	0.50245457	NA	

NA	ENSG00000227302	0	NA	NA	NA	NA	SSXP9
NA	ENSG00000227303	0	NA	NA	NA	NA	
NA	ENSG00000227304	3.14457047	-0.0016909	0.37170736	0.98412387	0.99453916	
NA	ENSG00000227305	0	NA	NA	NA	NA	
NA	ENSG00000227306	0	NA	NA	NA	NA	LINC02708
NA	ENSG00000227307	0	NA	NA	NA	NA	
NA	ENSG00000227308	0	NA	NA	NA	NA	LINC02832
NA	ENSG00000227309	0	NA	NA	NA	NA	
NA	ENSG00000227311	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000227312	0	NA	NA	NA	NA	
NA	ENSG00000227313	0	NA	NA	NA	NA	LINC02630
NA	ENSG00000227321	1.09863032	-0.00069564	0.38050679	0.99007141	NA	MTND4P15
NA	ENSG00000227329	0.65428374	-0.02346311	0.38339586	0.6351993	NA	
NA	ENSG00000227330	0	NA	NA	NA	NA	
NA	ENSG00000227331	0	NA	NA	NA	NA	RPL7AP22
NA	ENSG00000227335	0	NA	NA	NA	NA	IGHJ1P
NA	ENSG00000227336	0	NA	NA	NA	NA	LINC00434
NA	ENSG00000227337	0	NA	NA	NA	NA	RPL23AP43
NA	ENSG00000227338	0	NA	NA	NA	NA	
NA	ENSG00000227339	0	NA	NA	NA	NA	THRAP3P1
266919	ENSG00000227342	0	NA	NA	NA	NA	LINC00307
NA	ENSG00000227343	0	NA	NA	NA	NA	RPL15P1
NA	ENSG00000227344	1.17010803	-0.02926742	0.38136097	0.63936828	NA	HAUS6P1
8505	ENSG00000227345	1049.14618	0.1115029	0.08651283	0.18591594	0.38543075	PARG
NA	ENSG00000227347	0	NA	NA	NA	NA	HNRNPKP2
NA	ENSG00000227348	0	NA	NA	NA	NA	MTND5P25
NA	ENSG00000227349	0	NA	NA	NA	NA	CEACAMP7
NA	ENSG00000227350	0	NA	NA	NA	NA	PPIAP88
NA	ENSG00000227351	0	NA	NA	NA	NA	NANOCP6
NA	ENSG00000227352	0	NA	NA	NA	NA	ARHGEF7-AS1
NA	ENSG00000227353	0	NA	NA	NA	NA	RAB28P3
100505538	ENSG00000227354	125.277344	-0.11886677	0.20302065	0.49003572	0.70970937	RBM26-AS1
NA	ENSG00000227355	0.173733	0.01914545	0.38484597	0.78225479	NA	
100505561	ENSG00000227356	0.98373546	-0.02241981	0.38113741	0.70880588	NA	LINC00866
NA	ENSG00000227358	0	NA	NA	NA	NA	
NA	ENSG00000227359	0.662022	-0.01945741	0.38293387	0.66898873	NA	
NA	ENSG00000227360	0	NA	NA	NA	NA	
NA	ENSG00000227361	0	NA	NA	NA	NA	RPS24P7

NA	ENSG00000227364	0	NA	NA	NA	NA	
NA	ENSG00000227365	0	NA	NA	NA	NA	
NA	ENSG00000227367	0	NA	NA	NA	NA	SLC9B1P4
NA	ENSG00000227368	0	NA	NA	NA	NA	CDK8P2
NA	ENSG00000227370	3.76504023	0.09938333	0.38356972	0.39012311	0.61935204	
NA	ENSG00000227371	0	NA	NA	NA	NA	
57212	ENSG00000227372	2241.03353	0.28928618	0.07510918	8.40E-05	0.0006505	TP73-AS1
102724601	ENSG00000227373	6.41871018	-0.26149461	0.50214305	0.02830819	0.09589116	RABGAP1L-DT
NA	ENSG00000227374	0	NA	NA	NA	NA	
100507086	ENSG00000227375	0.47769487	0.00972985	0.38332309	0.80907114	NA	DLG1-AS1
NA	ENSG00000227376	0.16735865	0.01897177	0.38482933	0.78225479	NA	FTH1P16
NA	ENSG00000227379	0	NA	NA	NA	NA	PPIAP2
NA	ENSG00000227382	1.33151299	-0.01464339	0.37927329	0.82617533	NA	EIF4A2P2
NA	ENSG00000227383	0	NA	NA	NA	NA	RPL35AP2
NA	ENSG00000227386	0	NA	NA	NA	NA	
NA	ENSG00000227388	54.5055401	0.22518211	0.30080764	0.27852919	0.502914	
NA	ENSG00000227391	0	NA	NA	NA	NA	SALL1P1
100128675	ENSG00000227392	0.4759851	-0.00795189	0.38324776	0.85629392	NA	HPN-AS1
NA	ENSG00000227393	0	NA	NA	NA	NA	
NA	ENSG00000227394	1.52003192	0.00131081	0.37939754	0.98466034	NA	RPL11P1
NA	ENSG00000227395	0	NA	NA	NA	NA	EIF2AP4
NA	ENSG00000227397	0	NA	NA	NA	NA	
NA	ENSG00000227398	67.8463524	0.02980529	0.2400206	0.87537761	0.94499851	KIF9-AS1
NA	ENSG00000227399	0	NA	NA	NA	NA	
NA	ENSG00000227400	0	NA	NA	NA	NA	
NA	ENSG00000227401	0	NA	NA	NA	NA	RPL37P1
100996579	ENSG00000227403	0.76942968	0.04443431	0.38771031	0.31693981	NA	LINC01806
NA	ENSG00000227404	0	NA	NA	NA	NA	KRT8P20
NA	ENSG00000227406	0.16735865	0.01897177	0.38482933	0.78225479	NA	RNF6P1
NA	ENSG00000227407	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000227408	0	NA	NA	NA	NA	AMYP1
100861513	ENSG00000227409	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ZMYM4-AS1
NA	ENSG00000227411	0	NA	NA	NA	NA	ACNATP
NA	ENSG00000227412	0	NA	NA	NA	NA	STK33P1
NA	ENSG00000227413	0	NA	NA	NA	NA	
NA	ENSG00000227416	0.75059999	-0.04247785	0.38745014	0.34991775	NA	
NA	ENSG00000227417	0	NA	NA	NA	NA	
64002	ENSG00000227418	0	NA	NA	NA	NA	PCGEM1

NA	ENSG00000227421	0	NA	NA	NA	NA	LINC01724
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NA	ENSG00000227425	0	NA	NA	NA	NA	MRPS21P2
NA	ENSG00000227426	0	NA	NA	NA	NA	VN1R33P
NA	ENSG00000227427	0	NA	NA	NA	NA	MDH1P1
NA	ENSG00000227430	1.63991532	0.03339204	0.37902394	0.66569217	NA	H3P9
102723483	ENSG00000227431	0.32515712	0.00185323	0.38337342	0.96256807	NA	CSE1L-AS1
NA	ENSG00000227432	0.34746601	0.02370763	0.3853651	0.61987128	NA	ASIC4-AS1
NA	ENSG00000227433	0	NA	NA	NA	NA	
NA	ENSG00000227434	0	NA	NA	NA	NA	RNF19BPX
NA	ENSG00000227436	0.47528145	-0.00846188	0.38280813	0.85684788	NA	FCF1P1
NA	ENSG00000227437	0	NA	NA	NA	NA	RPS8P4
NA	ENSG00000227438	0	NA	NA	NA	NA	
NA	ENSG00000227440	1.63296849	0.00740771	0.37795867	0.91953078	NA	ATP5MC1P4
NA	ENSG00000227443	0	NA	NA	NA	NA	H3P30
NA	ENSG00000227444	0	NA	NA	NA	NA	
NA	ENSG00000227445	0	NA	NA	NA	NA	OR10R1P
NA	ENSG00000227447	0	NA	NA	NA	NA	XGY1
NA	ENSG00000227449	6.74891379	-0.05226423	0.36331484	0.68797383	0.84852672	FGF7P6
NA	ENSG00000227453	0	NA	NA	NA	NA	HNRNPA1P63
NA	ENSG00000227454	0.16735865	0.01897177	0.38482933	0.78225479	NA	MTND4P30
NA	ENSG00000227455	0	NA	NA	NA	NA	
114036	ENSG00000227456	2.61277133	0.07594126	0.38430417	0.39283466	0.62197758	LINC00310
NA	ENSG00000227459	0	NA	NA	NA	NA	
NA	ENSG00000227462	0	NA	NA	NA	NA	PSME2P6
101927575	ENSG00000227463	0.36292397	0.02389455	0.38539237	0.6099817	NA	
NA	ENSG00000227465	0	NA	NA	NA	NA	GPN3P1
101927139	ENSG00000227466	0	NA	NA	NA	NA	PDE4B-AS1
101928555	ENSG00000227467	1.71385582	-0.10609427	0.40051158	0.13058563	NA	LINC01537
NA	ENSG00000227470	0	NA	NA	NA	NA	RPL39P16
441282	ENSG00000227471	0	NA	NA	NA	NA	AKR1B15
NA	ENSG00000227473	2.27393665	-0.06864584	0.38265852	0.44551809	NA	TSSK5P
NA	ENSG00000227474	0	NA	NA	NA	NA	RPL6P24
NA	ENSG00000227475	0	NA	NA	NA	NA	
100505826	ENSG00000227477	3.21427272	-0.01386241	0.36901319	0.89315385	0.95382562	STK4-AS1
NA	ENSG00000227479	0	NA	NA	NA	NA	
554201	ENSG00000227480	0	NA	NA	NA	NA	CCDC148-AS1
NA	ENSG00000227481	0	NA	NA	NA	NA	

NA	ENSG00000227482	0	NA	NA	NA	NA	
NA	ENSG00000227484	0.32328047	0.00158651	0.38337047	0.96589257	NA	
NA	ENSG00000227485	0	NA	NA	NA	NA	
NA	ENSG00000227486	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000227487	73.5094333	-0.83106256	0.30382687	0.00087837	0.00528885	NCAM1-AS1
NA	ENSG00000227489	0	NA	NA	NA	NA	
NA	ENSG00000227491	0	NA	NA	NA	NA	CCNJP1
NA	ENSG00000227492	1.75468368	-0.04219062	0.38056147	0.57414105	NA	
NA	ENSG00000227493	0	NA	NA	NA	NA	
NA	ENSG00000227494	0	NA	NA	NA	NA	USP9YP14
102724009	ENSG00000227495	2.42705677	0.14831847	0.41736309	0.10287627	NA	KIF1C-AS1
NA	ENSG00000227496	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000227497	0	NA	NA	NA	NA	PABPC1P6
NA	ENSG00000227498	0	NA	NA	NA	NA	
NA	ENSG00000227499	0	NA	NA	NA	NA	
113178	ENSG00000227500	1314.11579	0.04336599	0.09031955	0.62396468	0.80826973	SCAMP4
285758	ENSG00000227502	0.97195101	-0.01819344	0.38090842	0.75858666	NA	MROCKI
NA	ENSG00000227505	0	NA	NA	NA	NA	SLIRPP1
4050	ENSG00000227507	1.64921325	0.07658204	0.39036969	0.26383965	NA	LTB
401289	ENSG00000227508	0	NA	NA	NA	NA	LINC01624
NA	ENSG00000227509	0	NA	NA	NA	NA	LINC01839
103456507	ENSG00000227510	0	NA	NA	NA	NA	LINC01442
NA	ENSG00000227511	0	NA	NA	NA	NA	
NA	ENSG00000227512	0	NA	NA	NA	NA	
NA	ENSG00000227513	0	NA	NA	NA	NA	ILRUNP1
NA	ENSG00000227514	0	NA	NA	NA	NA	
NA	ENSG00000227515	0	NA	NA	NA	NA	C1DP4
NA	ENSG00000227516	0	NA	NA	NA	NA	
NA	ENSG00000227517	0.46390976	-0.02633997	0.38556306	0.64587079	NA	LINC01483
NA	ENSG00000227518	60.6712823	-0.31729613	0.27128563	0.12377304	0.29154187	MIR1302-9HG
NA	ENSG00000227519	0	NA	NA	NA	NA	
NA	ENSG00000227521	0	NA	NA	NA	NA	TUBB4BP8
NA	ENSG00000227523	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS20P15
NA	ENSG00000227525	0.33936858	0.00256593	0.38338348	0.96395965	NA	RPL7P6
NA	ENSG00000227527	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100874195	ENSG00000227528	0	NA	NA	NA	NA	DIAPH3-AS1
NA	ENSG00000227531	0	NA	NA	NA	NA	
NA	ENSG00000227532	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

440584	ENSG00000227533	12.0507464	0.07039954	0.3445424	0.6662383	0.83537685	SLC2A1-AS1
NA	ENSG00000227534	0	NA	NA	NA	NA	AP1M2P1
NA	ENSG00000227535	0	NA	NA	NA	NA	
NA	ENSG00000227536	3.55000531	0.0332587	0.36741203	0.77378369	0.89600234	SOCS5P4
NA	ENSG00000227537	0	NA	NA	NA	NA	
NA	ENSG00000227538	0	NA	NA	NA	NA	HNRNPF1
414245	ENSG00000227540	20.1170593	-0.09517518	0.33162077	0.59627649	0.78841223	
NA	ENSG00000227541	0	NA	NA	NA	NA	SFR1P1
NA	ENSG00000227542	28.4916826	0.16372546	0.3096429	0.41520025	0.64226462	
NA	ENSG00000227543	43.724959	-0.02404193	0.25636149	0.8985373	0.95556135	SPAG5-AS1
NA	ENSG00000227544	1.5773937	-0.02298706	0.37740796	0.77226358	NA	
NA	ENSG00000227545	0	NA	NA	NA	NA	
NA	ENSG00000227547	0	NA	NA	NA	NA	OR4A2P
NA	ENSG00000227549	0	NA	NA	NA	NA	
NA	ENSG00000227550	0	NA	NA	NA	NA	TRBV7-5
100287205	ENSG00000227551	0	NA	NA	NA	NA	USP17L12
NA	ENSG00000227554	0	NA	NA	NA	NA	
286370	ENSG00000227555	0	NA	NA	NA	NA	MIR4290HG
NA	ENSG00000227556	0	NA	NA	NA	NA	
NA	ENSG00000227557	0	NA	NA	NA	NA	MTND3P9
NA	ENSG00000227560	0	NA	NA	NA	NA	RPS15AP30
NA	ENSG00000227562	0	NA	NA	NA	NA	
NA	ENSG00000227563	0	NA	NA	NA	NA	RNF11P2
104355293	ENSG00000227564	0	NA	NA	NA	NA	LINC00376
NA	ENSG00000227568	1.56574237	0.06292444	0.38640776	0.35891544	NA	SNX18P26
NA	ENSG00000227573	0	NA	NA	NA	NA	
NA	ENSG00000227574	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000227578	0	NA	NA	NA	NA	RPS3AP53
NA	ENSG00000227579	0	NA	NA	NA	NA	
NA	ENSG00000227581	0	NA	NA	NA	NA	STAU2P1
NA	ENSG00000227582	3.84890412	0.03138239	0.37223574	0.75942908	0.88850157	ADGRF5P1
NA	ENSG00000227583	0.45117978	-0.02737023	0.38571884	0.56072084	NA	RPS3AP37
NA	ENSG00000227584	0	NA	NA	NA	NA	MTND4P5
NA	ENSG00000227585	0	NA	NA	NA	NA	
NA	ENSG00000227586	0	NA	NA	NA	NA	RPS26P39
100873976	ENSG00000227588	0.29863895	-0.02292439	0.3852726	0.68753245	NA	CNTN4-AS2
NA	ENSG00000227589	0.51410687	0.01523683	0.38310723	0.73888576	NA	TP73-AS3
NA	ENSG00000227590	0	NA	NA	NA	NA	ATP5MC1P5

101930114	ENSG00000227591	0.18922458	0.01954053	0.38488496	0.78225479	NA	HSD11B1-AS1
NA	ENSG00000227592	0	NA	NA	NA	NA	PIGFP3
NA	ENSG00000227593	0	NA	NA	NA	NA	PHBP16
NA	ENSG00000227597	0	NA	NA	NA	NA	WASF1P1
NA	ENSG00000227598	3.079605	-0.00322717	0.37040971	0.97256641	0.98981748	
101927138	ENSG00000227599	0	NA	NA	NA	NA	PTPRT-AS1
NA	ENSG00000227602	0	NA	NA	NA	NA	
NA	ENSG00000227604	0	NA	NA	NA	NA	TOMM22P3
NA	ENSG00000227606	0	NA	NA	NA	NA	
NA	ENSG00000227607	0	NA	NA	NA	NA	SUMO2P2
NA	ENSG00000227609	0	NA	NA	NA	NA	TMEM183AP1
100874122	ENSG00000227610	0	NA	NA	NA	NA	FRMPD3-AS1
106144607	ENSG00000227611	0	NA	NA	NA	NA	LINC01074
NA	ENSG00000227613	0	NA	NA	NA	NA	QRSL1P2
NA	ENSG00000227615	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000227616	0	NA	NA	NA	NA	
100861402	ENSG00000227617	2.79363897	0.12974266	0.4161071	0.01757764	0.06562671	CERS6-AS1
NA	ENSG00000227619	0.54625309	0.03262162	0.38620539	0.45596831	NA	
NA	ENSG00000227620	0	NA	NA	NA	NA	ALG1L8P
NA	ENSG00000227621	0	NA	NA	NA	NA	PHBP11
NA	ENSG00000227623	0	NA	NA	NA	NA	
NA	ENSG00000227624	0	NA	NA	NA	NA	SNRPEP3
NA	ENSG00000227625	0	NA	NA	NA	NA	
NA	ENSG00000227627	30.2830908	0.05650885	0.28513393	0.77108784	0.8951015	
NA	ENSG00000227629	0	NA	NA	NA	NA	SLC25A15P1
100506810	ENSG00000227630	2.35864428	-0.11390847	0.39918321	0.20133238	NA	LINC01132
NA	ENSG00000227632	4.85484437	0.03492117	0.37038237	0.74786273	0.88161596	
NA	ENSG00000227633	0	NA	NA	NA	NA	RBMV2YP
102724539	ENSG00000227634	0	NA	NA	NA	NA	LINC01714
NA	ENSG00000227635	0	NA	NA	NA	NA	USP9YP21
NA	ENSG00000227638	3.02283971	-0.01387905	0.37262627	0.88152144	0.94772508	HNRNPA1P14
100507533	ENSG00000227640	1.05176339	-0.05811951	0.39016996	0.21563853	NA	SOX21-AS1
NA	ENSG00000227644	0	NA	NA	NA	NA	HIGD1AP11
NA	ENSG00000227645	0	NA	NA	NA	NA	RPL7P54
100874100	ENSG00000227646	0.69162848	0.0403673	0.38715599	0.35650129	NA	STEAP2-AS1
NA	ENSG00000227649	0	NA	NA	NA	NA	MTND6P32
NA	ENSG00000227653	0	NA	NA	NA	NA	ISCA1P6
NA	ENSG00000227657	0	NA	NA	NA	NA	SERPINA7P1

	NA	ENSG00000227658	0	NA	NA	NA	NA	
100874063		ENSG00000227659	0	NA	NA	NA	NA	CLYBL-AS2
	NA	ENSG00000227660	0	NA	NA	NA	NA	UST-AS1
	NA	ENSG00000227661	0	NA	NA	NA	NA	MTCO3P18
	NA	ENSG00000227663	0	NA	NA	NA	NA	RPL7P2
	NA	ENSG00000227666	2.52789208	0.0474839	0.37781482	0.60077149	NA	CYCSP24
	NA	ENSG00000227667	0	NA	NA	NA	NA	
	NA	ENSG00000227671	1066.1598	-0.00692864	0.08362589	0.93163325	0.9715756	ZNF731P
	NA	ENSG00000227673	0	NA	NA	NA	NA	
144766		ENSG00000227674	0	NA	NA	NA	NA	LINC00355
103724388		ENSG00000227676	5.0854373	-0.0921109	0.37892346	0.43658764	0.66171877	LINC01068
	NA	ENSG00000227678	1.88282351	0.10106574	0.3985334	0.12198616	NA	
	NA	ENSG00000227679	0	NA	NA	NA	NA	
	NA	ENSG00000227680	0	NA	NA	NA	NA	
	NA	ENSG00000227681	0	NA	NA	NA	NA	
	NA	ENSG00000227682	0	NA	NA	NA	NA	ATP5F1AP2
	NA	ENSG00000227683	0	NA	NA	NA	NA	
	NA	ENSG00000227684	0.83177186	0.0151542	0.38113818	0.78765297	NA	CROCCP4
	NA	ENSG00000227685	0	NA	NA	NA	NA	LINC02088
	NA	ENSG00000227687	0	NA	NA	NA	NA	
	NA	ENSG00000227688	0	NA	NA	NA	NA	HNRNPA3P2
	NA	ENSG00000227689	0	NA	NA	NA	NA	SRP68P2
	NA	ENSG00000227692	0.55296157	0.03294421	0.38623941	0.4513509	NA	MED28P3
	NA	ENSG00000227693	0	NA	NA	NA	NA	GSTM3P1
	NA	ENSG00000227694	0.63651579	0.00356217	0.38197435	0.93867063	NA	RPL23AP74
	NA	ENSG00000227695	0	NA	NA	NA	NA	DNMBP-AS1
	NA	ENSG00000227698	0.66439922	-0.02264424	0.38260846	0.64568679	NA	
	NA	ENSG00000227700	0	NA	NA	NA	NA	
	NA	ENSG00000227702	0	NA	NA	NA	NA	LINC00111
	NA	ENSG00000227704	0.34044059	-3.15E-05	0.38336211	0.96555155	NA	
	NA	ENSG00000227705	0	NA	NA	NA	NA	
	NA	ENSG00000227706	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000227707	0	NA	NA	NA	NA	SDAD1P3
	NA	ENSG00000227708	0	NA	NA	NA	NA	LINC01850
	NA	ENSG00000227709	0	NA	NA	NA	NA	
	NA	ENSG00000227710	0	NA	NA	NA	NA	
	NA	ENSG00000227711	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000227712	0.72360443	0.02314158	0.38386295	0.59186448	NA	

	NA	ENSG00000227713	0	NA	NA	NA	NA	
	NA	ENSG00000227714	0	NA	NA	NA	NA	MTND6P18
	NA	ENSG00000227716	0	NA	NA	NA	NA	
100132202	NA	ENSG00000227717	0	NA	NA	NA	NA	
	NA	ENSG00000227718	0	NA	NA	NA	NA	
	NA	ENSG00000227719	25.0979279	0.0351328	0.30933982	0.85154421	0.93275912	
	NA	ENSG00000227721	0	NA	NA	NA	NA	RPSAP64
	NA	ENSG00000227722	0	NA	NA	NA	NA	
	NA	ENSG00000227723	0	NA	NA	NA	NA	
	NA	ENSG00000227725	5.08406169	0.17879983	0.41656473	0.18460211	0.38334791	GCOM2
	NA	ENSG00000227726	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000227728	0	NA	NA	NA	NA	
647286	NA	ENSG00000227729	0	NA	NA	NA	NA	RD3L
	NA	ENSG00000227730	0	NA	NA	NA	NA	MTND6P5
	NA	ENSG00000227733	0.52119901	0.02576573	0.38568143	0.51723676	NA	
	NA	ENSG00000227734	0	NA	NA	NA	NA	
	NA	ENSG00000227735	0	NA	NA	NA	NA	CYCSP5
	NA	ENSG00000227736	0	NA	NA	NA	NA	MTCO3P16
	NA	ENSG00000227737	0	NA	NA	NA	NA	OR8B1P
	NA	ENSG00000227738	0	NA	NA	NA	NA	PSMD14P1
	NA	ENSG00000227740	11.2592477	-0.01443022	0.33661489	0.92765248	0.9697364	LINC02803
729867	NA	ENSG00000227741	25.3519519	-0.31152147	0.38906078	0.15688126	0.34373541	
	NA	ENSG00000227742	0	NA	NA	NA	NA	CALR4P
	NA	ENSG00000227743	0	NA	NA	NA	NA	
401039	NA	ENSG00000227744	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC01940
	NA	ENSG00000227745	0.86973492	0.04898083	0.38594889	0.3838577	NA	
	NA	ENSG00000227747	11.6236781	0.07913357	0.34394375	0.63721376	0.81722218	
	NA	ENSG00000227748	0	NA	NA	NA	NA	
114515514	NA	ENSG00000227751	0	NA	NA	NA	NA	RCC2-AS1
	NA	ENSG00000227753	0	NA	NA	NA	NA	
	NA	ENSG00000227755	2.10992381	0.00586271	0.38067609	0.74394992	NA	
	NA	ENSG00000227757	0	NA	NA	NA	NA	
	NA	ENSG00000227758	0	NA	NA	NA	NA	
	NA	ENSG00000227759	0	NA	NA	NA	NA	VTI1BP4
	NA	ENSG00000227760	0	NA	NA	NA	NA	
	NA	ENSG00000227762	0	NA	NA	NA	NA	GUSBP8
	NA	ENSG00000227764	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01693
	NA	ENSG00000227765	0	NA	NA	NA	NA	MYL12BP2

NA	ENSG00000227766	15.4368095	0.52447857	0.60790218	0.0471633	0.1422151	
NA	ENSG00000227769	1.03244262	0.04128775	0.3836877	0.48674891	NA	
NA	ENSG00000227770	0	NA	NA	NA	NA	RPL7P12
NA	ENSG00000227773	0	NA	NA	NA	NA	ASH1L-IT1
NA	ENSG00000227775	253.82497	-0.21526015	0.20510952	0.21524961	0.42582958	
NA	ENSG00000227776	0.16735865	0.01897177	0.38482933	0.78225479	NA	AKR1D1P1
NA	ENSG00000227777	0	NA	NA	NA	NA	
NA	ENSG00000227779	0	NA	NA	NA	NA	NDUFB3P5
NA	ENSG00000227782	14.94384	0.12412366	0.34409841	0.49143373	0.71071887	
NA	ENSG00000227784	0	NA	NA	NA	NA	ZNF965P
NA	ENSG00000227785	0	NA	NA	NA	NA	
NA	ENSG00000227788	0.94574764	-0.03633306	0.38427582	0.4623598	NA	MTCO3P43
NA	ENSG00000227789	0	NA	NA	NA	NA	MTCYBP7
NA	ENSG00000227790	0	NA	NA	NA	NA	SPECC1P1
NA	ENSG00000227791	0	NA	NA	NA	NA	RPS10P9
NA	ENSG00000227795	0	NA	NA	NA	NA	MTND4LP9
NA	ENSG00000227799	22.4660673	0.40730645	0.43956176	0.09022842	0.23110403	CDPF1P1
NA	ENSG00000227800	0	NA	NA	NA	NA	IGHD4-17
414061	ENSG00000227802	0	NA	NA	NA	NA	DNAJB3
NA	ENSG00000227803	0	NA	NA	NA	NA	
NA	ENSG00000227805	0	NA	NA	NA	NA	RPL21P90
NA	ENSG00000227806	0	NA	NA	NA	NA	OR5W1P
101927358	ENSG00000227809	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000227811	126.365521	0.19916519	0.19739399	0.24131756	0.45933728	INKA2-AS1
NA	ENSG00000227813	0	NA	NA	NA	NA	
NA	ENSG00000227814	0	NA	NA	NA	NA	MRPS17P9
NA	ENSG00000227815	0.92184471	0.01769915	0.38194317	0.73301935	NA	
NA	ENSG00000227817	0	NA	NA	NA	NA	ARHGAP42P1
NA	ENSG00000227818	0	NA	NA	NA	NA	
NA	ENSG00000227824	0	NA	NA	NA	NA	
121456	ENSG00000227825	7.31452963	-0.04577211	0.36318793	0.71851964	0.86497305	SLC9A7P1
NA	ENSG00000227827	12.3003811	0.03758553	0.33146078	0.82772606	0.92210075	PKD1P2
NA	ENSG00000227830	0	NA	NA	NA	NA	TRIM60P3Y
NA	ENSG00000227832	0	NA	NA	NA	NA	ST13P21
NA	ENSG00000227834	0	NA	NA	NA	NA	
NA	ENSG00000227835	0	NA	NA	NA	NA	CARM1P1
NA	ENSG00000227836	0	NA	NA	NA	NA	
NA	ENSG00000227837	0	NA	NA	NA	NA	TRIM60P11Y

NA	ENSG00000227838	0	NA	NA	NA	NA	
NA	ENSG00000227840	0	NA	NA	NA	NA	KRTAP8-3P
NA	ENSG00000227841	0	NA	NA	NA	NA	MTND5P31
NA	ENSG00000227842	0	NA	NA	NA	NA	
NA	ENSG00000227845	0	NA	NA	NA	NA	
NA	ENSG00000227846	0	NA	NA	NA	NA	UGT1A11P
NA	ENSG00000227847	0	NA	NA	NA	NA	PPIAP93
NA	ENSG00000227848	0.50657251	0.01494381	0.3831067	0.74510534	NA	SUCLA2-AS1
NA	ENSG00000227850	0	NA	NA	NA	NA	SEPTIN2P1
NA	ENSG00000227851	0	NA	NA	NA	NA	
NA	ENSG00000227852	0	NA	NA	NA	NA	RPS29P17
NA	ENSG00000227854	0	NA	NA	NA	NA	
442524	ENSG00000227855	68.5144793	0.29148358	0.26337094	0.15065764	0.33423321	DPY19L2P3
101929626	ENSG00000227857	2.1598601	-0.02078048	0.37512291	0.81023706	NA	
NA	ENSG00000227860	0	NA	NA	NA	NA	MTND5P18
NA	ENSG00000227862	0	NA	NA	NA	NA	HNRNPA1P31
NA	ENSG00000227863	0	NA	NA	NA	NA	
NA	ENSG00000227864	0	NA	NA	NA	NA	ARL5AP1
729059	ENSG00000227868	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TEX46
NA	ENSG00000227871	0	NA	NA	NA	NA	USP9YP12
NA	ENSG00000227873	0	NA	NA	NA	NA	
NA	ENSG00000227874	0	NA	NA	NA	NA	GRAMD4P1
NA	ENSG00000227875	0	NA	NA	NA	NA	RPL23AP89
100507027	ENSG00000227877	0	NA	NA	NA	NA	MRLN
NA	ENSG00000227878	0	NA	NA	NA	NA	
NA	ENSG00000227879	0.50207596	0.02562368	0.38565771	0.52549886	NA	PSPC1P1
NA	ENSG00000227880	0	NA	NA	NA	NA	
NA	ENSG00000227881	0.16735865	0.01897177	0.38482933	0.78225479	NA	ASS1P5
NA	ENSG00000227882	0	NA	NA	NA	NA	THAP12P6
NA	ENSG00000227883	0	NA	NA	NA	NA	ATP6V0E1P4
NA	ENSG00000227885	13.2097918	2.52202187	0.86366983	0.00016501	0.00119609	
NA	ENSG00000227887	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS26P13
NA	ENSG00000227888	6.54961571	-0.11617063	0.37401518	0.42335744	0.64930517	FAM66A
NA	ENSG00000227890	0	NA	NA	NA	NA	PSMA2P3
NA	ENSG00000227892	0	NA	NA	NA	NA	OR5P4P
NA	ENSG00000227893	0	NA	NA	NA	NA	LINC00352
NA	ENSG00000227896	34.2732426	0.03980594	0.28737689	0.83774206	0.92628758	
NA	ENSG00000227902	0	NA	NA	NA	NA	

	NA	ENSG00000227905	0	NA	NA	NA	NA	MED6P1
	NA	ENSG00000227906	19.5414615	-0.46111215	0.49633209	0.06652762	0.1847317	SNAP25-AS1
	NA	ENSG00000227907	0	NA	NA	NA	NA	
441072	NA	ENSG00000227908	3.83719025	0.1690546	0.4222617	0.13100157	0.30341712	
	NA	ENSG00000227910	10.4799498	-0.11318339	0.35497896	0.49689202	0.71500229	
	NA	ENSG00000227911	0	NA	NA	NA	NA	LINC02344
	NA	ENSG00000227912	0	NA	NA	NA	NA	
	NA	ENSG00000227913	0	NA	NA	NA	NA	KRT8P44
	NA	ENSG00000227914	0	NA	NA	NA	NA	
	NA	ENSG00000227915	0	NA	NA	NA	NA	ELOCP16
	NA	ENSG00000227917	0	NA	NA	NA	NA	
	NA	ENSG00000227919	0	NA	NA	NA	NA	
	NA	ENSG00000227920	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000227922	0	NA	NA	NA	NA	SPTLC1P5
	NA	ENSG00000227923	0	NA	NA	NA	NA	
	NA	ENSG00000227924	0.16735865	0.01897177	0.38482933	0.78225479	NA	RBPJP6
	NA	ENSG00000227925	0	NA	NA	NA	NA	LINC01655
140848	NA	ENSG00000227927	0	NA	NA	NA	NA	MACROD2-IT1
100288831	NA	ENSG00000227929	0	NA	NA	NA	NA	SRGAP3-AS3
	NA	ENSG00000227930	0	NA	NA	NA	NA	
	NA	ENSG00000227932	0	NA	NA	NA	NA	SELENOOLP
	NA	ENSG00000227933	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000227934	0.34117771	0.02362704	0.38535348	0.62406989	NA	
	NA	ENSG00000227935	0	NA	NA	NA	NA	
	NA	ENSG00000227937	0	NA	NA	NA	NA	MTND2P30
	NA	ENSG00000227938	0	NA	NA	NA	NA	
	NA	ENSG00000227939	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL3P2
	NA	ENSG00000227940	0	NA	NA	NA	NA	LINC01696
	NA	ENSG00000227941	0	NA	NA	NA	NA	UQCRBP2
	NA	ENSG00000227942	0	NA	NA	NA	NA	FRMD8P1
	NA	ENSG00000227945	0	NA	NA	NA	NA	PTPRK-AS1
	NA	ENSG00000227946	34.8452996	0.38087557	0.36106069	0.10122597	0.25154348	
107984953	NA	ENSG00000227947	0	NA	NA	NA	NA	LINC01738
	NA	ENSG00000227948	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000227949	0	NA	NA	NA	NA	CYCSP46
	NA	ENSG00000227950	0	NA	NA	NA	NA	
	NA	ENSG00000227952	0	NA	NA	NA	NA	RPL18AP17
	NA	ENSG00000227953	47.7440863	0.33882125	0.34547401	0.13079713	0.30308515	LINC01341

100507308	ENSG00000227954	1.45878091	0.09865129	0.40139646	0.07323134	NA	TARID
NA	ENSG00000227958	0	NA	NA	NA	NA	
NA	ENSG00000227959	1.24177619	-0.06958093	0.38958206	0.26112355	NA	
NA	ENSG00000227960	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000227962	0.94452777	-0.0138327	0.38151935	0.7963309	NA	
440600	ENSG00000227963	9.57655468	-0.17777448	0.38889259	0.28709213	0.51288829	RBM15-AS1
101927678	ENSG00000227964	0	NA	NA	NA	NA	LINC01429
NA	ENSG00000227965	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000227968	0	NA	NA	NA	NA	BUB3P1
NA	ENSG00000227969	0	NA	NA	NA	NA	NPM1P22
NA	ENSG00000227970	0	NA	NA	NA	NA	NR1H5P
NA	ENSG00000227971	0	NA	NA	NA	NA	
NA	ENSG00000227972	0.14931947	-0.01844332	0.38480212	0.84537521	NA	THAP12P3
NA	ENSG00000227973	0.95742318	0.00607391	0.38011261	0.92008372	NA	PIN4P1
NA	ENSG00000227979	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000227981	0	NA	NA	NA	NA	
NA	ENSG00000227982	0	NA	NA	NA	NA	RPL7P30
NA	ENSG00000227983	0	NA	NA	NA	NA	BRK1P2
NA	ENSG00000227986	0	NA	NA	NA	NA	TRIM60P18
NA	ENSG00000227987	0	NA	NA	NA	NA	
NA	ENSG00000227988	0	NA	NA	NA	NA	TDGF1P1
NA	ENSG00000227992	0	NA	NA	NA	NA	
NA	ENSG00000227994	0	NA	NA	NA	NA	
NA	ENSG00000227995	0	NA	NA	NA	NA	RAB11AP1
NA	ENSG00000227999	2.35714872	0.10475688	0.39614021	0.22563143	NA	MTND5P1
NA	ENSG00000228000	0.69655457	0.01992686	0.38353592	0.62082826	NA	RPL7AP65
NA	ENSG00000228002	0.68108832	0.00313625	0.38128702	0.95085431	NA	DHX9P1
NA	ENSG00000228004	0	NA	NA	NA	NA	MYCLP2
NA	ENSG00000228005	0	NA	NA	NA	NA	
NA	ENSG00000228007	0	NA	NA	NA	NA	
NA	ENSG00000228008	0.93934828	-0.01898615	0.3810249	0.74808533	NA	
NA	ENSG00000228010	36.6270294	-0.62149807	0.40885272	0.02205476	0.0787982	
101928101	ENSG00000228013	0	NA	NA	NA	NA	IL6R-AS1
NA	ENSG00000228014	9.57757597	0.06325494	0.3477092	0.69176394	0.85092669	ZNF680P1
NA	ENSG00000228015	0	NA	NA	NA	NA	
91149	ENSG00000228016	1.55481517	-0.00472028	0.37710748	0.94919726	NA	RAPGEF4-AS1
NA	ENSG00000228019	0	NA	NA	NA	NA	
NA	ENSG00000228020	0	NA	NA	NA	NA	HNRNPA1P46

283038	ENSG00000228021	1.31014303	-0.01780879	0.37859097	0.80292127	NA		
105375013	ENSG00000228022	0.66764634	0.00807535	0.38144636	0.87545366	NA	HCG20	
	NA	ENSG00000228024	0	NA	NA	NA	CYP1D1P	
	NA	ENSG00000228027	0	NA	NA	NA		
	NA	ENSG00000228028	0	NA	NA	NA		
	NA	ENSG00000228030	0	NA	NA	NA		
	NA	ENSG00000228031	14.9290316	-3.49859921	0.81825994	9.48E-07	1.08E-05	
	NA	ENSG00000228033	0	NA	NA	NA		
	NA	ENSG00000228034	0	NA	NA	NA	HMG2N2P21	
112840934	ENSG00000228035	0.33947949	0.00261255	0.38338427	0.96351428	NA	NGF-AS1	
	NA	ENSG00000228036	0	NA	NA	NA	HSPD1P9	
	NA	ENSG00000228037	0.34048006	-0.00023338	0.38336237	0.9674648	NA	
	NA	ENSG00000228038	4.16719961	0.00831365	0.36364181	0.94646363	0.97814213	VN1R51P
	NA	ENSG00000228039	0	NA	NA	NA	NA	
	NA	ENSG00000228040	0	NA	NA	NA	NA	
	NA	ENSG00000228041	0	NA	NA	NA	EIF3JP1	
	NA	ENSG00000228042	0.69493202	0.03154416	0.38626309	0.41391645	NA	M6PRP1
	NA	ENSG00000228043	14.4171449	0.20933974	0.37928736	0.27177688	0.49516265	
101927787	ENSG00000228044	0	NA	NA	NA	NA		
	NA	ENSG00000228045	0	NA	NA	NA	DNAJA1P6	
	NA	ENSG00000228046	0	NA	NA	NA	MTCO3P40	
	NA	ENSG00000228048	0	NA	NA	NA	NA	
246721	ENSG00000228049	93.5735339	0.0451819	0.22686479	0.80749933	0.91286534	POLR2J2	
	NA	ENSG00000228050	0	NA	NA	NA	TOP3BP1	
	NA	ENSG00000228051	0	NA	NA	NA	WBP11P3	
	NA	ENSG00000228053	0	NA	NA	NA	NA	
	NA	ENSG00000228054	0.173124	-0.01911262	0.38486262	0.84537521	NA	RANP5
	NA	ENSG00000228055	0	NA	NA	NA	NA	FAM245A
	NA	ENSG00000228056	0	NA	NA	NA	NA	CFL1P3
	NA	ENSG00000228057	0.64896474	-0.03788042	0.38680576	0.40886727	NA	SEC63P1
	NA	ENSG00000228058	0	NA	NA	NA	NA	LINC01736
	NA	ENSG00000228060	0	NA	NA	NA	NA	PABPC4-AS1
	NA	ENSG00000228061	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000228063	2.00289388	-0.08884095	0.39257276	0.25022715	NA	LYPLAL1-DT
	NA	ENSG00000228064	0	NA	NA	NA	NA	
	NA	ENSG00000228065	331.859092	0.0243489	0.13564186	0.84729628	0.93059999	LINC01515
101929565	ENSG00000228067	0	NA	NA	NA	NA	LINC01740	
	NA	ENSG00000228069	0.7878967	-0.00726885	0.38085607	0.89767764	NA	MTCO3P29

NA	ENSG00000228071	0	NA	NA	NA	NA	RPL7P47
NA	ENSG00000228072	0	NA	NA	NA	NA	
NA	ENSG00000228073	0	NA	NA	NA	NA	
NA	ENSG00000228074	0	NA	NA	NA	NA	UBBP5
284257	ENSG00000228075	0	NA	NA	NA	NA	BOD1L2
NA	ENSG00000228076	0	NA	NA	NA	NA	
NA	ENSG00000228078	0	NA	NA	NA	NA	HLA-U
NA	ENSG00000228079	0	NA	NA	NA	NA	
NA	ENSG00000228081	0	NA	NA	NA	NA	
NA	ENSG00000228082	0	NA	NA	NA	NA	SIM1-AS1
3448	ENSG00000228083	0	NA	NA	NA	NA	IFNA14
NA	ENSG00000228084	1.21592056	0.0091802	0.38136182	0.86272976	NA	
NA	ENSG00000228085	0	NA	NA	NA	NA	
NA	ENSG00000228086	0	NA	NA	NA	NA	
NA	ENSG00000228089	0	NA	NA	NA	NA	PNKDP1
NA	ENSG00000228092	0	NA	NA	NA	NA	COX6CP15
NA	ENSG00000228095	0	NA	NA	NA	NA	
NA	ENSG00000228097	0.173733	0.01914545	0.38484597	0.78225479	NA	MTATP6P11
NA	ENSG00000228098	0	NA	NA	NA	NA	
105374582	ENSG00000228100	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01820
105376827	ENSG00000228105	0	NA	NA	NA	NA	LINC01757
NA	ENSG00000228107	4.26011766	0.07189576	0.37445533	0.53664371	0.74729267	
NA	ENSG00000228108	0	NA	NA	NA	NA	SPTBN1-AS1
100507057	ENSG00000228109	51.4440808	0.13994576	0.27918937	0.4806204	0.70158112	MELTF-AS1
NA	ENSG00000228110	0	NA	NA	NA	NA	ST13P19
NA	ENSG00000228111	0	NA	NA	NA	NA	TPT1P2
NA	ENSG00000228112	0	NA	NA	NA	NA	
NA	ENSG00000228113	3.71302647	-0.1921507	0.44470038	0.05718713	0.16507967	
NA	ENSG00000228115	0	NA	NA	NA	NA	
NA	ENSG00000228118	0	NA	NA	NA	NA	MYL6P5
NA	ENSG00000228121	0	NA	NA	NA	NA	PHBP3
NA	ENSG00000228122	0	NA	NA	NA	NA	MTND1P17
NA	ENSG00000228123	0	NA	NA	NA	NA	
NA	ENSG00000228124	1.42094012	0.08410399	0.39352049	0.17805192	NA	
NA	ENSG00000228125	0	NA	NA	NA	NA	AKIRIN1P2
100874054	ENSG00000228126	9.11954513	0.13408873	0.37980109	0.37044434	0.59947926	FALEC
NA	ENSG00000228127	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01649
NA	ENSG00000228131	0	NA	NA	NA	NA	IGHD6-6

NA	ENSG00000228132	0	NA	NA	NA	NA	
105371485	ENSG00000228133	0	NA	NA	NA	NA	
NA	ENSG00000228134	0	NA	NA	NA	NA	UBE2V1P14
101928537	ENSG00000228135	1.10704055	-0.0320409	0.38180203	0.6079242	NA	LINC01494
NA	ENSG00000228136	0	NA	NA	NA	NA	
NA	ENSG00000228137	1.77846319	0.00266335	0.37747079	0.97269493	NA	
104797536	ENSG00000228139	0	NA	NA	NA	NA	LINC01402
NA	ENSG00000228140	0.50765869	0.01004759	0.38333061	0.9129282	NA	
338963	ENSG00000228141	1.98557728	-0.05728421	0.38320821	0.45548339	NA	
NA	ENSG00000228142	0	NA	NA	NA	NA	
NA	ENSG00000228143	0	NA	NA	NA	NA	
NA	ENSG00000228144	1.01266944	0.02177889	0.38277737	0.65650704	NA	
197350	ENSG00000228146	1.14660209	0.04765297	0.38468874	0.43138536	NA	CASP16P
NA	ENSG00000228149	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL3P1
NA	ENSG00000228150	0.173124	-0.01911262	0.38486262	0.84537521	NA	
101928733	ENSG00000228151	0	NA	NA	NA	NA	
NA	ENSG00000228153	0	NA	NA	NA	NA	
NA	ENSG00000228154	0	NA	NA	NA	NA	
NA	ENSG00000228156	0	NA	NA	NA	NA	
NA	ENSG00000228157	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000228158	0.99050534	0.00407253	0.38001461	0.94652744	NA	TLE1P1
102724188	ENSG00000228159	0	NA	NA	NA	NA	LINC01674
NA	ENSG00000228160	0	NA	NA	NA	NA	
NA	ENSG00000228161	0	NA	NA	NA	NA	
NA	ENSG00000228162	0	NA	NA	NA	NA	
NA	ENSG00000228165	0	NA	NA	NA	NA	
NA	ENSG00000228166	0.173733	0.01914545	0.38484597	0.78225479	NA	MTND1P11
NA	ENSG00000228167	0	NA	NA	NA	NA	
NA	ENSG00000228168	0	NA	NA	NA	NA	HNRNPA1P21
NA	ENSG00000228169	0	NA	NA	NA	NA	PPIAP19
NA	ENSG00000228170	0	NA	NA	NA	NA	
NA	ENSG00000228171	0	NA	NA	NA	NA	
NA	ENSG00000228172	44.064573	-0.00436267	0.26820682	0.98020579	0.99338199	
NA	ENSG00000228173	0	NA	NA	NA	NA	
NA	ENSG00000228174	0	NA	NA	NA	NA	
NA	ENSG00000228175	19.2352643	0.01877854	0.31107296	0.92034692	0.96646868	GEMIN8P4
NA	ENSG00000228176	0	NA	NA	NA	NA	
NA	ENSG00000228181	0	NA	NA	NA	NA	

NA	ENSG00000228182	0	NA	NA	NA	NA	MTND2P25
NA	ENSG00000228184	0	NA	NA	NA	NA	SNX19P1
NA	ENSG00000228187	0	NA	NA	NA	NA	
NA	ENSG00000228189	0	NA	NA	NA	NA	LINC02843
NA	ENSG00000228190	0	NA	NA	NA	NA	RPL23AP16
NA	ENSG00000228191	0	NA	NA	NA	NA	
NA	ENSG00000228192	61.469434	-0.11622305	0.30169817	0.54724534	0.75424436	
NA	ENSG00000228194	0	NA	NA	NA	NA	
NA	ENSG00000228195	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL5P27
NA	ENSG00000228196	0	NA	NA	NA	NA	PTPN2P1
127062	ENSG00000228198	0	NA	NA	NA	NA	OR2M3
NA	ENSG00000228201	2.47237705	0.08589872	0.38910875	0.31831972	NA	
386597	ENSG00000228203	210.578727	0.1436579	0.15428316	0.30900987	0.53674977	GRASLND
NA	ENSG00000228204	0	NA	NA	NA	NA	
NA	ENSG00000228205	1.31347659	0.00781587	0.37891655	0.90830324	NA	
NA	ENSG00000228206	2.94884648	0.0145358	0.37233177	0.88145824	0.94772508	
NA	ENSG00000228207	0	NA	NA	NA	NA	
440714	ENSG00000228208	0	NA	NA	NA	NA	LINC02869
NA	ENSG00000228209	0	NA	NA	NA	NA	PNPP1
NA	ENSG00000228210	0	NA	NA	NA	NA	
NA	ENSG00000228211	0	NA	NA	NA	NA	HYAL6P
NA	ENSG00000228212	1.26651616	-0.04499123	0.38220886	0.52228503	NA	OFD1P17
100874010	ENSG00000228213	0	NA	NA	NA	NA	NLGN1-AS1
NA	ENSG00000228215	0	NA	NA	NA	NA	LINC02770
NA	ENSG00000228216	0	NA	NA	NA	NA	
NA	ENSG00000228217	0.16735865	0.01897177	0.38482933	0.78225479	NA	PNRC2P1
NA	ENSG00000228218	0.93882636	-0.03773673	0.38439216	0.45424606	NA	ATF4P3
NA	ENSG00000228219	0.16735865	0.01897177	0.38482933	0.78225479	NA	NPM1P30
100505566	ENSG00000228221	57.1278465	0.32100434	0.28512684	0.12839642	0.29909417	LINC00578
NA	ENSG00000228222	2.4406175	0.00270345	0.37367351	0.97766834	NA	
493812	ENSG00000228223	3.33285136	0.05922511	0.37726137	0.55598251	0.7616304	HCG11
NA	ENSG00000228224	0	NA	NA	NA	NA	NACA4P
NA	ENSG00000228225	0	NA	NA	NA	NA	CRLF3P3
NA	ENSG00000228226	0	NA	NA	NA	NA	
NA	ENSG00000228229	0	NA	NA	NA	NA	
NA	ENSG00000228231	0	NA	NA	NA	NA	TINAG-AS1
NA	ENSG00000228232	0.32242018	-0.02325365	0.38531861	0.66964797	NA	GAPDHP1
NA	ENSG00000228234	0	NA	NA	NA	NA	GLRXP1

NA	ENSG00000228235	0	NA	NA	NA	NA	
NA	ENSG00000228236	0	NA	NA	NA	NA	TXNP5
100130197	ENSG00000228237	0	NA	NA	NA	NA	EFCAB14-AS1
NA	ENSG00000228238	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000228239	0	NA	NA	NA	NA	
252949	ENSG00000228240	0	NA	NA	NA	NA	TTY17A
474152	ENSG00000228240	0	NA	NA	NA	NA	TTY17A
NA	ENSG00000228241	0	NA	NA	NA	NA	MOB1AP1
NA	ENSG00000228242	40.3969029	0.04560435	0.27831857	0.81381406	0.91592004	XPC-AS1
NA	ENSG00000228247	0.31690641	0.00130071	0.38336799	0.96539071	NA	UBBP2
NA	ENSG00000228248	0	NA	NA	NA	NA	NUTF2P3
NA	ENSG00000228251	0.34119456	0.02362717	0.3853535	0.62406097	NA	
NA	ENSG00000228252	2.01048673	0.12442302	0.41048293	0.06398788	NA	COL6A4P2
4509	ENSG00000228253	3955.07646	-0.51111044	0.07855009	2.96E-11	5.99E-10	MT-ATP8
NA	ENSG00000228255	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000228257	0	NA	NA	NA	NA	
NA	ENSG00000228259	0	NA	NA	NA	NA	
NA	ENSG00000228261	0.33471731	0.02354391	0.38534154	0.62842204	NA	ITPRIP-AS1
104355287	ENSG00000228262	0	NA	NA	NA	NA	LINC01320
104355288	ENSG00000228262	0	NA	NA	NA	NA	LINC01320
NA	ENSG00000228264	0	NA	NA	NA	NA	PSMD8P1
NA	ENSG00000228271	2.18889426	-0.05924099	0.38495464	0.40439854	NA	LINC02048
NA	ENSG00000228272	0	NA	NA	NA	NA	
NA	ENSG00000228274	119.831166	0.04930827	0.19174791	0.77045357	0.89479592	
NA	ENSG00000228275	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ARMCX3-AS1
NA	ENSG00000228277	0	NA	NA	NA	NA	UMLILO
5005	ENSG00000228278	0	NA	NA	NA	NA	ORM2
NA	ENSG00000228280	0	NA	NA	NA	NA	
NA	ENSG00000228283	0	NA	NA	NA	NA	KATNBL1P6
NA	ENSG00000228285	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LYPLA2P1
NA	ENSG00000228286	0.9477655	-0.06641787	0.391613	0.20389865	NA	
100506696	ENSG00000228288	47.1694089	0.38704715	0.32092939	0.08658936	0.22418543	PCAT6
NA	ENSG00000228289	0	NA	NA	NA	NA	
102724201	ENSG00000228290	0	NA	NA	NA	NA	TBX18-AS1
NA	ENSG00000228291	0	NA	NA	NA	NA	ARL4AP3
NA	ENSG00000228292	0	NA	NA	NA	NA	
NA	ENSG00000228293	0.51573058	0.03114225	0.38605544	0.47750784	NA	
NA	ENSG00000228294	0.173124	-0.01911262	0.38486262	0.84537521	NA	BMS1P17

NA	ENSG00000228295	0	NA	NA	NA	NA	LINC00392
55009	ENSG00000228300	305.282976	-0.01557915	0.15711228	0.91278759	0.96277011	FAM174C
NA	ENSG00000228301	0	NA	NA	NA	NA	RPL7P55
NA	ENSG00000228302	45.1152159	0.07345431	0.26360311	0.70550349	0.85803894	
NA	ENSG00000228303	0	NA	NA	NA	NA	
NA	ENSG00000228304	0	NA	NA	NA	NA	OR4K6P
NA	ENSG00000228305	0.34048473	-0.00024947	0.3833624	0.96761728	NA	PRELID1P6
NA	ENSG00000228307	0	NA	NA	NA	NA	OR2S1P
101928684	ENSG00000228308	0	NA	NA	NA	NA	LINC01209
NA	ENSG00000228309	0	NA	NA	NA	NA	LINC01350
NA	ENSG00000228312	0	NA	NA	NA	NA	GAPDHP45
54055	ENSG00000228314	60.7185195	0.20284324	0.27223273	0.31322133	0.54126787	CYP4F29P
91316	ENSG00000228315	820.557492	0.30965979	0.09470117	0.00071829	0.00442363	GUSBP11
NA	ENSG00000228316	0	NA	NA	NA	NA	MTATP6P19
105376199	ENSG00000228317	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000228318	0	NA	NA	NA	NA	
NA	ENSG00000228319	0	NA	NA	NA	NA	SPATA2P1
NA	ENSG00000228322	0	NA	NA	NA	NA	
NA	ENSG00000228323	0	NA	NA	NA	NA	MYADM-AS1
NA	ENSG00000228325	0.62273748	-0.0450634	0.38756703	0.37418761	NA	IGKV3D-7
NA	ENSG00000228327	1178.39179	0.11510778	0.08464022	0.16320866	0.35219272	
NA	ENSG00000228328	0	NA	NA	NA	NA	PGK1P1
NA	ENSG00000228329	0	NA	NA	NA	NA	LINC01890
NA	ENSG00000228330	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000228331	0	NA	NA	NA	NA	RPL17P43
NA	ENSG00000228334	0	NA	NA	NA	NA	
NA	ENSG00000228335	3.92321441	0.00578309	0.36600005	0.96122364	0.98419142	
NA	ENSG00000228336	0	NA	NA	NA	NA	OR9H1P
NA	ENSG00000228337	0	NA	NA	NA	NA	PPIAP69
NA	ENSG00000228338	0	NA	NA	NA	NA	LINC01784
NA	ENSG00000228339	0.4511443	-0.0273685	0.38571869	0.56075007	NA	AMD1P1
284757	ENSG00000228340	1.52272289	-0.05756831	0.38332455	0.45647034	NA	MIR646HG
NA	ENSG00000228341	0	NA	NA	NA	NA	
NA	ENSG00000228343	0	NA	NA	NA	NA	
NA	ENSG00000228345	0	NA	NA	NA	NA	
NA	ENSG00000228347	0	NA	NA	NA	NA	FTLP17
NA	ENSG00000228348	0.37844916	0.02407552	0.3854191	0.60038877	NA	EFCAB14P1
NA	ENSG00000228349	0	NA	NA	NA	NA	RPS26P4

102724368	ENSG00000228350	1.37256031	0.03328203	0.38003918	0.64432715	NA	LINC02585
NA	ENSG00000228351	0	NA	NA	NA	NA	
NA	ENSG00000228352	2.31184114	0.07173041	0.38627366	0.37287309	NA	
NA	ENSG00000228353	0	NA	NA	NA	NA	
NA	ENSG00000228354	0	NA	NA	NA	NA	
NA	ENSG00000228355	0	NA	NA	NA	NA	
105377390	ENSG00000228358	0	NA	NA	NA	NA	LINC02263
NA	ENSG00000228360	0	NA	NA	NA	NA	
NA	ENSG00000228361	0	NA	NA	NA	NA	
NA	ENSG00000228363	18.092177	0.23237074	0.37684972	0.24592238	0.46516351	
NA	ENSG00000228364	0	NA	NA	NA	NA	SAR1AP1
NA	ENSG00000228365	0	NA	NA	NA	NA	
NA	ENSG00000228366	0.69627009	0.02517373	0.38342284	0.57839116	NA	
NA	ENSG00000228367	0	NA	NA	NA	NA	
NA	ENSG00000228368	0.16735865	0.01897177	0.38482933	0.78225479	NA	
104355143	ENSG00000228369	0	NA	NA	NA	NA	TXNDC12-AS1
NA	ENSG00000228372	0.34624801	-0.02356563	0.38536324	0.65270996	NA	SMIM10L2B-AS1
NA	ENSG00000228373	0	NA	NA	NA	NA	
NA	ENSG00000228374	0	NA	NA	NA	NA	RPL9P13
NA	ENSG00000228375	0	NA	NA	NA	NA	RPS20P25
340508	ENSG00000228376	1.22392859	0.04739246	0.38688687	0.31289928	NA	GAS2LIP2
NA	ENSG00000228379	0	NA	NA	NA	NA	
NA	ENSG00000228380	0	NA	NA	NA	NA	MYL6BP1
NA	ENSG00000228382	0	NA	NA	NA	NA	ITPKB-IT1
105379269	ENSG00000228383	0	NA	NA	NA	NA	FAM197Y7
NA	ENSG00000228384	0.32504045	0.00177941	0.38337254	0.96327428	NA	
NA	ENSG00000228386	0	NA	NA	NA	NA	
NA	ENSG00000228391	0.31672804	0.00112829	0.38336664	0.96704269	NA	
NA	ENSG00000228392	0	NA	NA	NA	NA	
NA	ENSG00000228393	18.5439652	-0.24076453	0.38176336	0.23018397	0.44613689	LINC01004
NA	ENSG00000228395	18.6620965	0.10737119	0.33264853	0.55663899	0.76210873	
101928043	ENSG00000228397	0	NA	NA	NA	NA	LINC01635
NA	ENSG00000228398	0	NA	NA	NA	NA	HMG2P25
NA	ENSG00000228399	0	NA	NA	NA	NA	
107985820	ENSG00000228400	3.45401439	-0.07255172	0.37643468	0.51393872	0.72910576	
NA	ENSG00000228401	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000228403	0	NA	NA	NA	NA	
NA	ENSG00000228404	0	NA	NA	NA	NA	

NA	ENSG00000228407	0.52528295	0.01110016	0.38327613	0.76681029	NA	
NA	ENSG00000228408	0	NA	NA	NA	NA	
NA	ENSG00000228409	185.819139	0.01808286	0.16628975	0.90518241	0.95851937	CCT6P1
NA	ENSG00000228410	0	NA	NA	NA	NA	ELOCP24
NA	ENSG00000228411	0	NA	NA	NA	NA	CDY4P
100506885	ENSG00000228412	14.3312686	2.84241376	0.82226298	4.63E-05	0.0003831	LNC-LBCS
NA	ENSG00000228413	0	NA	NA	NA	NA	
400957	ENSG00000228414	0.31808562	0.00102649	0.38336588	0.96724137	NA	LINC01185
NA	ENSG00000228415	2.16915621	0.02456005	0.37414967	0.79117489	NA	PTMAP1
NA	ENSG00000228417	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000228420	0	NA	NA	NA	NA	LINC01768
NA	ENSG00000228421	0.44987034	-0.02730634	0.38571361	0.56180181	NA	
NA	ENSG00000228422	0	NA	NA	NA	NA	LINC00687
NA	ENSG00000228423	0	NA	NA	NA	NA	
NA	ENSG00000228426	0	NA	NA	NA	NA	
NA	ENSG00000228427	0	NA	NA	NA	NA	
NA	ENSG00000228429	0	NA	NA	NA	NA	
NA	ENSG00000228430	0.75207623	-0.01133728	0.38207488	0.74797343	NA	
NA	ENSG00000228431	0	NA	NA	NA	NA	ARL5AP3
NA	ENSG00000228432	0	NA	NA	NA	NA	DHFRP2
NA	ENSG00000228433	0	NA	NA	NA	NA	OR7E23P
NA	ENSG00000228434	71.475742	0.14305762	0.25484334	0.46222859	0.6851832	
NA	ENSG00000228436	8.94305245	0.15620837	0.37793609	0.34264008	0.57284732	
NA	ENSG00000228437	0	NA	NA	NA	NA	LINC02474
NA	ENSG00000228438	0	NA	NA	NA	NA	
NA	ENSG00000228440	0.8311761	-0.05729678	0.38968825	0.26034594	NA	MTND5P6
NA	ENSG00000228444	7.36173219	-0.10662852	0.36984941	0.46368295	0.68652759	
NA	ENSG00000228445	0	NA	NA	NA	NA	UGT1A2P
NA	ENSG00000228446	1.34776779	0.06524406	0.38639378	0.36488795	NA	ANKRD49P1
NA	ENSG00000228450	0	NA	NA	NA	NA	NLRP7P1
157489	ENSG00000228451	52.6627213	0.22855739	0.29983325	0.27206333	0.49547792	SDAD1P1
NA	ENSG00000228452	0	NA	NA	NA	NA	
NA	ENSG00000228453	0	NA	NA	NA	NA	RPS15AP9
NA	ENSG00000228459	0	NA	NA	NA	NA	LINC01546
NA	ENSG00000228460	0	NA	NA	NA	NA	CYP2C59P
NA	ENSG00000228462	0	NA	NA	NA	NA	RPS19P7
NA	ENSG00000228463	86.3951749	-0.02736868	0.28918232	0.88309732	0.94857242	
NA	ENSG00000228464	0	NA	NA	NA	NA	

NA	ENSG00000228465	0	NA	NA	NA	NA	TRAPPC2P10
NA	ENSG00000228466	0	NA	NA	NA	NA	TUBB4AP1
NA	ENSG00000228467	0	NA	NA	NA	NA	
NA	ENSG00000228470	0.64981277	-0.02093757	0.38312499	0.66319671	NA	
NA	ENSG00000228471	0	NA	NA	NA	NA	
NA	ENSG00000228473	0	NA	NA	NA	NA	LIN28AP2
100128731	ENSG00000228474	2436.59783	0.07522156	0.06671533	0.25229694	0.47222371	OST4
NA	ENSG00000228476	0	NA	NA	NA	NA	CSTP1
NA	ENSG00000228477	7.43053155	0.05594622	0.35354139	0.70359732	0.85751377	
NA	ENSG00000228478	0	NA	NA	NA	NA	
NA	ENSG00000228480	0	NA	NA	NA	NA	
105374580	ENSG00000228481	0	NA	NA	NA	NA	PRKCE-AS1
NA	ENSG00000228482	0	NA	NA	NA	NA	LINC01713
101927692	ENSG00000228484	0	NA	NA	NA	NA	
NA	ENSG00000228485	0.173124	-0.01911262	0.38486262	0.84537521	NA	GRK5-IT1
728537	ENSG00000228486	82.119562	0.08558454	0.23497541	0.64759573	0.82430661	C2orf92
NA	ENSG00000228487	4.22478518	-0.10092597	0.38355416	0.38699166	0.61602672	
NA	ENSG00000228488	0	NA	NA	NA	NA	
NA	ENSG00000228489	0	NA	NA	NA	NA	RPL21P50
NA	ENSG00000228492	128.385632	0.093628	0.18292034	0.56187644	0.76508177	RAB11FIP1P1
100507254	ENSG00000228495	0	NA	NA	NA	NA	LINC01013
100506405	ENSG00000228496	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000228499	0	NA	NA	NA	NA	TMSB10P1
NA	ENSG00000228501	0	NA	NA	NA	NA	RPL15P18
NA	ENSG00000228502	0.91822155	-0.03903549	0.38470287	0.45567058	NA	EEF1A1P11
NA	ENSG00000228503	0	NA	NA	NA	NA	
100996630	ENSG00000228504	0.29863895	-0.02292439	0.3852726	0.68753245	NA	LINC01760
NA	ENSG00000228505	0	NA	NA	NA	NA	
NA	ENSG00000228506	83.2199233	-0.07119736	0.21525676	0.68972566	0.84943947	
NA	ENSG00000228507	1.2063873	0.03306178	0.38299751	0.55489059	NA	DAP3P2
NA	ENSG00000228509	5.62633946	0.12526914	0.38908254	0.31727706	0.54509671	
NA	ENSG00000228510	1.72713878	0.09215504	0.39307977	0.24448405	NA	
NA	ENSG00000228513	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
653282	ENSG00000228517	0	NA	NA	NA	NA	CT47A7
NA	ENSG00000228518	0	NA	NA	NA	NA	SURF6P1
NA	ENSG00000228519	0	NA	NA	NA	NA	RANBP1P1
NA	ENSG00000228521	0	NA	NA	NA	NA	
NA	ENSG00000228522	0	NA	NA	NA	NA	

NA	ENSG00000228523	0	NA	NA	NA	NA	DNAJB6P4
NA	ENSG00000228525	0	NA	NA	NA	NA	
106614088	ENSG00000228526	190.790482	0.51889091	0.18546181	0.00175813	0.00959329	MIR34AHG
NA	ENSG00000228527	0	NA	NA	NA	NA	
NA	ENSG00000228528	14.1190567	0.09313175	0.3449658	0.5859282	0.7817695	
NA	ENSG00000228530	0	NA	NA	NA	NA	
NA	ENSG00000228532	0.18922458	0.01954053	0.38488496	0.78225479	NA	SUMO2P21
NA	ENSG00000228536	2.01923105	-0.05589379	0.38408066	0.42376086	NA	LYPLAL1-AS1
NA	ENSG00000228538	0	NA	NA	NA	NA	
NA	ENSG00000228539	0	NA	NA	NA	NA	
NA	ENSG00000228540	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000228541	0	NA	NA	NA	NA	
NA	ENSG00000228543	0	NA	NA	NA	NA	
100131193	ENSG00000228544	53.7253714	0.28850495	0.28646767	0.16942563	0.36105311	CCDC183-AS1
NA	ENSG00000228546	0	NA	NA	NA	NA	PMS2P12
NA	ENSG00000228547	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR7E26P
NA	ENSG00000228548	0	NA	NA	NA	NA	ITPKB-AS1
112267871	ENSG00000228549	2.08853449	-0.09549853	0.39572501	0.19913057	NA	
NA	ENSG00000228550	0	NA	NA	NA	NA	
NA	ENSG00000228551	0	NA	NA	NA	NA	SNRPGP9
NA	ENSG00000228553	0	NA	NA	NA	NA	
NA	ENSG00000228554	2.81022655	0.03480171	0.37401288	0.72074678	0.8666434	
NA	ENSG00000228557	0	NA	NA	NA	NA	HSPA8P17
NA	ENSG00000228559	0	NA	NA	NA	NA	
NA	ENSG00000228560	0	NA	NA	NA	NA	
NA	ENSG00000228561	0.70622295	0.0041373	0.38184106	0.93034313	NA	
NA	ENSG00000228563	0	NA	NA	NA	NA	
100506050	ENSG00000228564	0	NA	NA	NA	NA	LINC01005
NA	ENSG00000228566	0.49850263	0.01733174	0.38333864	0.71703795	NA	
317703	ENSG00000228567	0	NA	NA	NA	NA	VN1R4
NA	ENSG00000228568	0	NA	NA	NA	NA	RPS15AP13
283008	ENSG00000228570	73.6454237	0.07334438	0.22493389	0.68951143	0.84931439	NUTM2E
NA	ENSG00000228571	0	NA	NA	NA	NA	HSFY7P
NA	ENSG00000228572	0	NA	NA	NA	NA	
NA	ENSG00000228573	0	NA	NA	NA	NA	
NA	ENSG00000228577	0.78911446	-0.03603243	0.38381739	0.51257466	NA	
NA	ENSG00000228578	0	NA	NA	NA	NA	TUBB1P2
NA	ENSG00000228585	0	NA	NA	NA	NA	

NA	ENSG00000228586	0	NA	NA	NA	NA	
NA	ENSG00000228587	0	NA	NA	NA	NA	
NA	ENSG00000228589	1.09445074	-0.05983674	0.39052994	0.20360722	NA	SPCS2P4
106660609	ENSG00000228590	0.33471731	0.02354391	0.38534154	0.62842204	NA	
266917	ENSG00000228592	0	NA	NA	NA	NA	
NA	ENSG00000228593	0	NA	NA	NA	NA	CFTRP1
643988	ENSG00000228594	332.336417	0.02195604	0.13157518	0.85953258	0.93751308	FNDC10
NA	ENSG00000228595	0	NA	NA	NA	NA	PAICSP2
NA	ENSG00000228596	0	NA	NA	NA	NA	
NA	ENSG00000228597	0	NA	NA	NA	NA	MTND4P1
100874041	ENSG00000228598	0	NA	NA	NA	NA	MACC1-AS1
NA	ENSG00000228599	0	NA	NA	NA	NA	RPL7P52
NA	ENSG00000228600	0	NA	NA	NA	NA	POLR2CP1
NA	ENSG00000228601	0	NA	NA	NA	NA	RPL39P
NA	ENSG00000228604	0.173124	-0.01911262	0.38486262	0.84537521	NA	
100287049	ENSG00000228606	6.9130337	0.03893775	0.35553093	0.78555243	0.90248778	
644672	ENSG00000228607	0	NA	NA	NA	NA	CLDN25
NA	ENSG00000228610	0	NA	NA	NA	NA	PDCL2P1
NA	ENSG00000228611	0	NA	NA	NA	NA	HNF4GP1
NA	ENSG00000228612	0.16735865	0.01897177	0.38482933	0.78225479	NA	HK2P1
NA	ENSG00000228613	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000228615	0	NA	NA	NA	NA	CENPNP2
NA	ENSG00000228618	0	NA	NA	NA	NA	
NA	ENSG00000228620	0	NA	NA	NA	NA	
NA	ENSG00000228622	0	NA	NA	NA	NA	
169834	ENSG00000228623	218.237091	-0.5012371	0.16423389	0.00082945	0.00501563	ZNF883
101927768	ENSG00000228624	11.957695	-0.09856486	0.34996171	0.55003634	0.75651445	HDAC2-AS2
NA	ENSG00000228625	0	NA	NA	NA	NA	
NA	ENSG00000228626	0	NA	NA	NA	NA	
105375283	ENSG00000228627	0	NA	NA	NA	NA	
NA	ENSG00000228629	0.51300477	-0.00906117	0.38272934	0.83054964	NA	
100124700	ENSG00000228630	1.58895025	0.0762482	0.39469449	0.10332466	NA	HOTAIR
NA	ENSG00000228634	0	NA	NA	NA	NA	
NA	ENSG00000228636	0	NA	NA	NA	NA	LINC02663
NA	ENSG00000228638	14.9607225	0.21151881	0.41647624	0.20142377	0.40682557	FCF1P2
NA	ENSG00000228639	0	NA	NA	NA	NA	ROCR
NA	ENSG00000228643	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000228645	0	NA	NA	NA	NA	PHKG1P2

	NA	ENSG00000228646	0	NA	NA	NA	NA	RPL31P13
	NA	ENSG00000228648	0	NA	NA	NA	NA	
109729180	NA	ENSG00000228649	0	NA	NA	NA	NA	SNHG26
	NA	ENSG00000228650	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000228653	23.4977429	0.02429223	0.29949974	0.8993353	0.95557174	HNRNPCP7
	NA	ENSG00000228655	0	NA	NA	NA	NA	
	NA	ENSG00000228656	0	NA	NA	NA	NA	MYO5BP3
	NA	ENSG00000228657	0	NA	NA	NA	NA	RPL23AP58
	NA	ENSG00000228658	0	NA	NA	NA	NA	
104266960	NA	ENSG00000228659	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC01201
	NA	ENSG00000228660	0	NA	NA	NA	NA	VN1R35P
105376527	NA	ENSG00000228661	0	NA	NA	NA	NA	STIM1-AS1
	NA	ENSG00000228663	1.61643293	0.00997137	0.37683161	0.89933368	NA	PSMD10P1
	NA	ENSG00000228664	0	NA	NA	NA	NA	
	NA	ENSG00000228665	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000228666	0	NA	NA	NA	NA	KRT18P1
	NA	ENSG00000228667	0	NA	NA	NA	NA	
	NA	ENSG00000228668	0	NA	NA	NA	NA	TRGV5P
	NA	ENSG00000228669	0	NA	NA	NA	NA	LINC00448
	NA	ENSG00000228670	0	NA	NA	NA	NA	NANOGP2
389333	NA	ENSG00000228672	73.2568859	0.21015699	0.26508677	0.29335899	0.51951614	PROB1
	NA	ENSG00000228674	0	NA	NA	NA	NA	PPIAP59
	NA	ENSG00000228675	0	NA	NA	NA	NA	
100874006	NA	ENSG00000228677	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TTC3-AS1
	NA	ENSG00000228679	0	NA	NA	NA	NA	
	NA	ENSG00000228680	0	NA	NA	NA	NA	
	NA	ENSG00000228681	0	NA	NA	NA	NA	
	NA	ENSG00000228683	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000228685	0	NA	NA	NA	NA	
	NA	ENSG00000228686	0.34734764	0.00111788	0.38336578	0.95788424	NA	
	NA	ENSG00000228687	0	NA	NA	NA	NA	
	NA	ENSG00000228688	0	NA	NA	NA	NA	COL11A2P1
	NA	ENSG00000228689	0	NA	NA	NA	NA	
	NA	ENSG00000228692	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000228694	0	NA	NA	NA	NA	MTND4P18
51716	NA	ENSG00000228695	0	NA	NA	NA	NA	CES1P1
107987423	NA	ENSG00000228695	0	NA	NA	NA	NA	CES1P1
51326	NA	ENSG00000228696	54.3512998	0.08622354	0.28720067	0.65761485	0.83025448	ARL17B

100506084	ENSG00000228696	54.3512998	0.08622354	0.28720067	0.65761485	0.83025448	ARL17B
100996709	ENSG00000228696	54.3512998	0.08622354	0.28720067	0.65761485	0.83025448	ARL17B
101928565	ENSG00000228697	0	NA	NA	NA	NA	
NA	ENSG00000228700	0.173733	0.01914545	0.38484597	0.78225479	NA	
100507633	ENSG00000228701	1.52029031	0.0130576	0.37859897	0.85294274	NA	TNKS2-AS1
NA	ENSG00000228702	0.47271284	-0.02840801	0.38580563	0.54345672	NA	
NA	ENSG00000228703	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000228705	1.27788538	0.03682092	0.38184207	0.57139795	NA	LINC00659
NA	ENSG00000228707	0	NA	NA	NA	NA	
NA	ENSG00000228708	0	NA	NA	NA	NA	
NA	ENSG00000228709	166.646418	-0.57472434	0.32972428	0.01811672	0.06720935	LINC02575
NA	ENSG00000228711	0	NA	NA	NA	NA	
NA	ENSG00000228714	0	NA	NA	NA	NA	
1719	ENSG00000228716	3105.67718	-0.52284335	0.06942333	1.89E-14	4.94E-13	DHFR
NA	ENSG00000228717	0	NA	NA	NA	NA	NAB1P1
NA	ENSG00000228718	0	NA	NA	NA	NA	LINC02521
NA	ENSG00000228719	0	NA	NA	NA	NA	
NA	ENSG00000228721	0	NA	NA	NA	NA	
101927416	ENSG00000228723	0	NA	NA	NA	NA	SRGAP3-AS2
NA	ENSG00000228725	0	NA	NA	NA	NA	MTND2P12
401251	ENSG00000228727	92.2567058	0.70532657	0.26933932	0.00167985	0.00925014	SAPCD1
NA	ENSG00000228728	0	NA	NA	NA	NA	PPIAP91
NA	ENSG00000228729	0	NA	NA	NA	NA	
NA	ENSG00000228730	0	NA	NA	NA	NA	LINC02013
NA	ENSG00000228734	0	NA	NA	NA	NA	
NA	ENSG00000228735	0	NA	NA	NA	NA	
NA	ENSG00000228737	0	NA	NA	NA	NA	
NA	ENSG00000228739	0	NA	NA	NA	NA	
NA	ENSG00000228740	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GABRG3-AS1
221178	ENSG00000228741	0	NA	NA	NA	NA	
111216280	ENSG00000228742	0	NA	NA	NA	NA	LINC02577
NA	ENSG00000228744	0	NA	NA	NA	NA	RPS3AP30
NA	ENSG00000228748	22.3554707	-0.09792742	0.33685213	0.57777616	0.77605301	
NA	ENSG00000228750	0	NA	NA	NA	NA	LINC01672
NA	ENSG00000228751	0	NA	NA	NA	NA	
NA	ENSG00000228753	0.3468566	7.76E-05	0.38336202	0.96772087	NA	EIF4BP2
NA	ENSG00000228754	0	NA	NA	NA	NA	RPL13AP19
NA	ENSG00000228755	0	NA	NA	NA	NA	PABPC1P8

	NA	ENSG00000228757	0	NA	NA	NA	NA	
	NA	ENSG00000228759	0	NA	NA	NA	NA	FAF2P1
106182118	ENSG00000228763	0	NA	NA	NA	NA	NA	LIMS1-AS1
	NA	ENSG00000228764	0	NA	NA	NA	NA	ZNF885P
	NA	ENSG00000228766	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL7L1P8
	NA	ENSG00000228767	0	NA	NA	NA	NA	KRT8P18
	NA	ENSG00000228768	0	NA	NA	NA	NA	
	NA	ENSG00000228769	0	NA	NA	NA	NA	ABCF2P2
	NA	ENSG00000228770	0	NA	NA	NA	NA	
	NA	ENSG00000228771	0	NA	NA	NA	NA	
	NA	ENSG00000228772	0	NA	NA	NA	NA	
285962	ENSG00000228775	82.6739086	0.6950139	0.26163325	0.00153438	0.00854636		WEE2-AS1
	NA	ENSG00000228776	0	NA	NA	NA	NA	
	NA	ENSG00000228777	0	NA	NA	NA	NA	LINC02534
	NA	ENSG00000228778	0	NA	NA	NA	NA	
	NA	ENSG00000228779	1.22755351	0.08223047	0.39599748	0.11468409	NA	
	NA	ENSG00000228780	0	NA	NA	NA	NA	
	NA	ENSG00000228781	0	NA	NA	NA	NA	
	NA	ENSG00000228782	36.425359	-0.34811909	0.35123305	0.12366267	0.29135107	MRPL45P2
	NA	ENSG00000228783	0	NA	NA	NA	NA	H3P29
400946	ENSG00000228784	1.11711857	0.01078398	0.38077361	0.85220928	NA	NA	LINC00954
	NA	ENSG00000228786	0	NA	NA	NA	NA	LINC00266-4P
100874056	ENSG00000228787	0	NA	NA	NA	NA	NA	NLGN4Y-AS1
285834	ENSG00000228789	0	NA	NA	NA	NA	NA	HCG22
	NA	ENSG00000228790	0	NA	NA	NA	NA	
	NA	ENSG00000228791	1.93803978	0.08957589	0.39229618	0.25172582	NA	THRB-AS1
	NA	ENSG00000228792	1.11819722	-0.04882824	0.38606033	0.36139395	NA	
100507336	ENSG00000228793	0	NA	NA	NA	NA	NA	
643837	ENSG00000228794	525.352531	-0.21524018	0.11425456	0.04768767	0.14350424		LINC01128
	NA	ENSG00000228797	0.30139824	-0.02296476	0.38527817	0.68536535	NA	FAM207BP
	NA	ENSG00000228799	0	NA	NA	NA	NA	LINC01939
	NA	ENSG00000228800	0	NA	NA	NA	NA	
102724330	ENSG00000228801	192.059025	0.32044202	0.18267563	0.04690966	0.14176508		
	NA	ENSG00000228802	0	NA	NA	NA	NA	
	NA	ENSG00000228803	0	NA	NA	NA	NA	MTCYBP42
100131635	ENSG00000228804	0	NA	NA	NA	NA	NA	
	NA	ENSG00000228806	0	NA	NA	NA	NA	
	NA	ENSG00000228807	0	NA	NA	NA	NA	MRPS18CP6

	NA	ENSG00000228808	0.80083873	-0.0061784	0.38147257	0.9054842	NA	HMGB3P4
	NA	ENSG00000228809	1.68976362	0.0339509	0.3787211	0.66631994	NA	
	NA	ENSG00000228810	0.16735865	0.01897177	0.38482933	0.78225479	NA	PABPC1P11
101928158		ENSG00000228812	7.2291413	-0.0854829	0.36719358	0.53445259	0.74557301	LAMA5-AS1
	NA	ENSG00000228814	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000228815	0	NA	NA	NA	NA	MARK2P13
	NA	ENSG00000228816	1.32836959	0.00627279	0.37794528	0.93126661	NA	AK3P5
	NA	ENSG00000228817	1.71388548	0.09646163	0.39689465	0.13815003	NA	BACH1-IT2
	NA	ENSG00000228818	1.82481523	-0.03538029	0.37702707	0.67997249	NA	
	NA	ENSG00000228819	0	NA	NA	NA	NA	AGKP2
	NA	ENSG00000228820	14.3543789	0.04607838	0.32867682	0.79341606	0.90556117	RPSAP1
	NA	ENSG00000228823	0	NA	NA	NA	NA	PDE4DIPP10
642345		ENSG00000228824	2.33133247	-0.00048856	0.37234816	0.99434242	NA	MIR4500HG
	NA	ENSG00000228825	0	NA	NA	NA	NA	LAMTOR3P1
	NA	ENSG00000228826	0	NA	NA	NA	NA	
	NA	ENSG00000228827	0	NA	NA	NA	NA	
	NA	ENSG00000228828	3.34185912	0.01007361	0.37136973	0.92044876	0.96648338	TLK2P2
	NA	ENSG00000228829	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000228830	97.5442467	-0.08249233	0.20885496	0.63726169	0.81722397	
	NA	ENSG00000228833	0	NA	NA	NA	NA	
	NA	ENSG00000228834	0	NA	NA	NA	NA	ATP5MFP2
	NA	ENSG00000228835	4.27030005	0.22053437	0.45720201	0.07920347	0.2099675	
441521		ENSG00000228836	0	NA	NA	NA	NA	CT45A5
	NA	ENSG00000228837	0	NA	NA	NA	NA	CBX3P6
	NA	ENSG00000228838	0.82948423	-0.00374312	0.38205315	0.93686735	NA	
101929760		ENSG00000228839	1.98846246	-0.09266286	0.39545328	0.1930334	NA	PIK3IP1-DT
100874064		ENSG00000228842	0	NA	NA	NA	NA	PCDH9-AS2
	NA	ENSG00000228843	8.01428832	-0.18881745	0.40514156	0.232489	0.4493504	
	NA	ENSG00000228844	0	NA	NA	NA	NA	
	NA	ENSG00000228847	0	NA	NA	NA	NA	ATP5MC2P4
	NA	ENSG00000228848	1.68391658	0.05334764	0.38372865	0.45539935	NA	RPS20P13
	NA	ENSG00000228850	0	NA	NA	NA	NA	CDY12P
	NA	ENSG00000228851	0	NA	NA	NA	NA	MTCO3P4
	NA	ENSG00000228852	6.98754213	-0.03142084	0.3583121	0.81131029	0.91456796	
100852409		ENSG00000228853	0	NA	NA	NA	NA	NEGR1-IT1
	NA	ENSG00000228855	0	NA	NA	NA	NA	
	NA	ENSG00000228857	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000228860	0	NA	NA	NA	NA	

NA	ENSG00000228861	0	NA	NA	NA	NA	RPL23AP12
NA	ENSG00000228862	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000228863	0	NA	NA	NA	NA	
NA	ENSG00000228868	0	NA	NA	NA	NA	MYLKP1
NA	ENSG00000228869	0	NA	NA	NA	NA	COX4I1P2
NA	ENSG00000228872	0.18922458	0.01954053	0.38488496	0.78225479	NA	CSP1
NA	ENSG00000228873	0	NA	NA	NA	NA	
NA	ENSG00000228874	0	NA	NA	NA	NA	
NA	ENSG00000228876	0	NA	NA	NA	NA	
NA	ENSG00000228877	0	NA	NA	NA	NA	
NA	ENSG00000228878	35.5503073	0.185193	0.34689153	0.33806318	0.56829936	SEPTIN7-DT
NA	ENSG00000228879	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL35AP6
NA	ENSG00000228882	1.04929494	0.02987987	0.38181324	0.62055315	NA	CICP9
NA	ENSG00000228884	0	NA	NA	NA	NA	RPL23AP26
NA	ENSG00000228886	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000228887	1.52817822	0.03675943	0.38108991	0.59629606	NA	EEF1DP1
101929265	ENSG00000228888	0	NA	NA	NA	NA	LINC01428
100289373	ENSG00000228889	35.0458571	-0.16762717	0.31400574	0.40174181	0.6302829	UBAC2-AS1
252953	ENSG00000228890	0	NA	NA	NA	NA	TTY21
NA	ENSG00000228897	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000228898	0	NA	NA	NA	NA	MTCO1P43
NA	ENSG00000228901	0	NA	NA	NA	NA	HMG2P36
NA	ENSG00000228902	0	NA	NA	NA	NA	ST6GALNAC2P1
NA	ENSG00000228903	90.2718567	-0.0035221	0.23618211	0.9832565	0.99428951	RASA4CP
NA	ENSG00000228906	2.9745969	0.03350634	0.37326025	0.73438406	0.87361673	
NA	ENSG00000228909	0	NA	NA	NA	NA	LINC01803
NA	ENSG00000228914	0	NA	NA	NA	NA	OR1H1P
NA	ENSG00000228915	14.1678325	-0.24714536	0.40712172	0.20002102	0.40494051	OR7E128P
NA	ENSG00000228917	0	NA	NA	NA	NA	NECTIN4-AS1
NA	ENSG00000228918	0	NA	NA	NA	NA	LINC01344
389199	ENSG00000228919	6.75773778	-0.03919261	0.35914688	0.76835899	0.89324733	
NA	ENSG00000228922	0	NA	NA	NA	NA	
NA	ENSG00000228923	0.50893729	0.00998772	0.38324763	0.78572051	NA	
NA	ENSG00000228925	22.5822246	0.037679	0.30512156	0.84237642	0.92837824	
728137	ENSG00000228927	0	NA	NA	NA	NA	TSPY3
NA	ENSG00000228928	0	NA	NA	NA	NA	KPNA2P2
NA	ENSG00000228929	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS13P2
NA	ENSG00000228930	0	NA	NA	NA	NA	MTCO1P3

	NA	ENSG00000228933	24.5096721	-0.1645848	0.32790866	0.40302038	0.63099498	
	NA	ENSG00000228935	0	NA	NA	NA	NA	
	NA	ENSG00000228937	0	NA	NA	NA	NA	MTA3P1
	NA	ENSG00000228938	0	NA	NA	NA	NA	SNRPD2P1
	NA	ENSG00000228939	0	NA	NA	NA	NA	AKT3-IT1
	NA	ENSG00000228940	0	NA	NA	NA	NA	
	NA	ENSG00000228941	0.33471731	0.02354391	0.38534154	0.62842204	NA	UBE3AP2
	NA	ENSG00000228943	0	NA	NA	NA	NA	
	NA	ENSG00000228944	0.66695591	0.00135672	0.3818841	0.975907	NA	
	NA	ENSG00000228945	0	NA	NA	NA	NA	CLUHP2
	NA	ENSG00000228948	0	NA	NA	NA	NA	SLC25A6P5
	NA	ENSG00000228949	0	NA	NA	NA	NA	UGT1A12P
	NA	ENSG00000228950	0	NA	NA	NA	NA	
	NA	ENSG00000228952	0	NA	NA	NA	NA	LINC02041
	NA	ENSG00000228953	0	NA	NA	NA	NA	
	NA	ENSG00000228955	0	NA	NA	NA	NA	
	NA	ENSG00000228956	116.5942	1.48795153	0.26264804	1.16E-09	1.99E-08	SATB1-AS1
	NA	ENSG00000228957	0	NA	NA	NA	NA	
	NA	ENSG00000228958	0	NA	NA	NA	NA	PIGPP3
	NA	ENSG00000228959	0	NA	NA	NA	NA	
	NA	ENSG00000228960	0	NA	NA	NA	NA	OR2A9P
102724502	NA	ENSG00000228961	0	NA	NA	NA	NA	LINC01690
	NA	ENSG00000228963	0	NA	NA	NA	NA	OR7E93P
	NA	ENSG00000228965	0	NA	NA	NA	NA	RPSAP60
	NA	ENSG00000228966	0	NA	NA	NA	NA	HOMER2P1
	NA	ENSG00000228968	0	NA	NA	NA	NA	
	NA	ENSG00000228970	0.76782197	-0.02252996	0.38365958	0.60932458	NA	UBTFL6
100996635	NA	ENSG00000228971	2.46804793	0.00483415	0.37184666	0.96121012	NA	LINC02607
	NA	ENSG00000228973	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000228974	0	NA	NA	NA	NA	
	NA	ENSG00000228976	0	NA	NA	NA	NA	SUMO2P8
	NA	ENSG00000228979	0.32407713	-0.02327503	0.38532165	0.66846289	NA	PPIAP55
401082	NA	ENSG00000228980	0	NA	NA	NA	NA	LINC01205
	NA	ENSG00000228981	8.73773543	0.03921445	0.34918945	0.79685252	0.90662359	
	NA	ENSG00000228982	0	NA	NA	NA	NA	
	NA	ENSG00000228983	0.73956469	0.0157651	0.38175213	0.778212	NA	SLC47A1P1
	NA	ENSG00000228984	0	NA	NA	NA	NA	
	NA	ENSG00000228985	0	NA	NA	NA	NA	TRDD3

NA	ENSG00000228986	0.35665013	0.02381684	0.38538102	0.61403266	NA	PHF10P1
NA	ENSG00000228988	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000228992	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL5P32
NA	ENSG00000228995	0.99209013	0.00851166	0.38012909	0.88857531	NA	MTND1P9
NA	ENSG00000228997	0	NA	NA	NA	NA	
NA	ENSG00000228998	69.6133389	0.00602691	0.24249819	0.97607373	0.99170422	
NA	ENSG00000228999	0	NA	NA	NA	NA	
NA	ENSG00000229000	0	NA	NA	NA	NA	SEPTIN7P8
NA	ENSG00000229001	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ACTBP14
NA	ENSG00000229002	0	NA	NA	NA	NA	
101927219	ENSG00000229005	0	NA	NA	NA	NA	HNF4A-AS1
NA	ENSG00000229007	0.94968445	-0.01484627	0.38146341	0.78486341	NA	EXOSC3P1
NA	ENSG00000229009	0	NA	NA	NA	NA	TMPRSS11GP
NA	ENSG00000229010	0.34746601	0.02370763	0.3853651	0.61987128	NA	
102724076	ENSG00000229011	0	NA	NA	NA	NA	LINC01038
NA	ENSG00000229012	0	NA	NA	NA	NA	
NA	ENSG00000229013	0	NA	NA	NA	NA	
NA	ENSG00000229014	0	NA	NA	NA	NA	RPL30P13
100506790	ENSG00000229015	0	NA	NA	NA	NA	
NA	ENSG00000229016	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000229017	1.95850739	-0.00924857	0.37558835	0.90989329	NA	LINC01277
NA	ENSG00000229018	61.6297978	-0.07298365	0.24693738	0.69982177	0.8552838	PMS2P7
NA	ENSG00000229019	0	NA	NA	NA	NA	
NA	ENSG00000229020	3.9567925	0.10938725	0.38672571	0.35206521	0.5820803	AKR7A2P1
NA	ENSG00000229021	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229022	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229023	0	NA	NA	NA	NA	RAB1AP1
NA	ENSG00000229025	0.16735865	0.01897177	0.38482933	0.78225479	NA	
27437	ENSG00000229027	0	NA	NA	NA	NA	HSFY1P1
NA	ENSG00000229028	0	NA	NA	NA	NA	KRT223P
NA	ENSG00000229029	5.62016497	-0.01260052	0.3622379	0.91625375	0.96446211	CDCA4P1
NA	ENSG00000229030	0	NA	NA	NA	NA	
NA	ENSG00000229031	0	NA	NA	NA	NA	MTCO1P25
NA	ENSG00000229032	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000229035	0	NA	NA	NA	NA	SPRR2C
NA	ENSG00000229036	48.6606715	-0.42422966	0.32210655	0.06393029	0.1796757	VDAC1P8
NA	ENSG00000229037	0	NA	NA	NA	NA	MRPL32P2
101927159	ENSG00000229042	0	NA	NA	NA	NA	

	NA	ENSG00000229043	112.611828	0.46335917	0.23590247	0.01818456	0.06735733	ZFAND2A-DT
	NA	ENSG00000229044	0	NA	NA	NA	NA	
	NA	ENSG00000229046	0	NA	NA	NA	NA	HMGN1P2
	NA	ENSG00000229047	0	NA	NA	NA	NA	
	NA	ENSG00000229048	0.53554981	0.03210677	0.38615226	0.46336891	NA	DUTP1
101927244	NA	ENSG00000229051	0	NA	NA	NA	NA	LINC01788
	NA	ENSG00000229052	0.64873643	-0.03787059	0.3868046	0.40898811	NA	
	NA	ENSG00000229054	0	NA	NA	NA	NA	RPS29P14
101927482	NA	ENSG00000229056	1.1253752	0.07423473	0.39161665	0.22661821	NA	HECW2-AS1
	NA	ENSG00000229057	0.34258875	0.0032011	0.38339553	0.95711779	NA	RPS3AP54
	NA	ENSG00000229060	0	NA	NA	NA	NA	
	NA	ENSG00000229063	0	NA	NA	NA	NA	TRBV23OR9-2
	NA	ENSG00000229064	0	NA	NA	NA	NA	
	NA	ENSG00000229065	1.67118051	0.00615527	0.37532112	0.94235465	NA	
	NA	ENSG00000229066	0	NA	NA	NA	NA	
	NA	ENSG00000229067	0	NA	NA	NA	NA	
	NA	ENSG00000229068	0	NA	NA	NA	NA	TMPOP1
	NA	ENSG00000229072	0	NA	NA	NA	NA	HMGN2P24
	NA	ENSG00000229079	0.88865675	0.01622642	0.38256405	0.72954168	NA	
	NA	ENSG00000229080	0	NA	NA	NA	NA	MTCO3P30
	NA	ENSG00000229081	4.65135861	0.19694811	0.43338825	0.13041997	0.30256457	LINC01165
	NA	ENSG00000229082	0.97122531	0.00437565	0.38090128	0.93687782	NA	OR5AW1P
	NA	ENSG00000229083	0	NA	NA	NA	NA	PSMA6P2
	NA	ENSG00000229086	0	NA	NA	NA	NA	LINC01548
	NA	ENSG00000229087	0	NA	NA	NA	NA	RPS26P18
	NA	ENSG00000229088	0.35666312	0.02381693	0.38538104	0.61402611	NA	MTND1P10
	NA	ENSG00000229089	0	NA	NA	NA	NA	ANKRD20A8P
	NA	ENSG00000229090	0	NA	NA	NA	NA	
	NA	ENSG00000229091	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HSPA8P8
	NA	ENSG00000229092	2.88076224	0.06396365	0.37662812	0.54451312	0.75235966	IGHV3-47
	NA	ENSG00000229093	0	NA	NA	NA	NA	OR51AB1P
	NA	ENSG00000229097	13.4098655	-0.00217064	0.3315631	0.98761728	0.99589897	CALM2P2
	NA	ENSG00000229101	0	NA	NA	NA	NA	ELOCP20
101928739	NA	ENSG00000229102	0	NA	NA	NA	NA	
	NA	ENSG00000229104	0	NA	NA	NA	NA	YY1P2
100128505	NA	ENSG00000229105	0	NA	NA	NA	NA	ASTN2-AS1
	NA	ENSG00000229106	0	NA	NA	NA	NA	BTBD6P1
	NA	ENSG00000229107	0	NA	NA	NA	NA	ABHD17AP4

NA	ENSG00000229108	0	NA	NA	NA	NA	LINC02587
NA	ENSG00000229109	4.22209293	0.057813	0.37063929	0.61945767	0.80561992	
NA	ENSG00000229110	0	NA	NA	NA	NA	
100873965	ENSG00000229111	0	NA	NA	NA	NA	MED4-AS1
NA	ENSG00000229112	0	NA	NA	NA	NA	
NA	ENSG00000229115	0	NA	NA	NA	NA	
NA	ENSG00000229116	0	NA	NA	NA	NA	
6171	ENSG00000229117	22179.1722	-0.10091291	0.04924948	0.0405811	0.12671214	RPL41
NA	ENSG00000229118	0	NA	NA	NA	NA	
NA	ENSG00000229119	0.49839506	-0.02962949	0.38591376	0.52358634	NA	
NA	ENSG00000229120	0	NA	NA	NA	NA	CYCSP4
NA	ENSG00000229122	0.83540459	0.04763563	0.38826766	0.28123021	NA	AGBL5-IT1
100507347	ENSG00000229124	8.84071612	1.50233286	1.35361831	0.00702453	0.03106701	VIM-AS1
NA	ENSG00000229127	17.2276227	-0.11033626	0.33648679	0.5407468	0.74929575	KANSL1L-AS1
NA	ENSG00000229129	0	NA	NA	NA	NA	ACTG1P2
NA	ENSG00000229131	0	NA	NA	NA	NA	
NA	ENSG00000229132	1.5180838	-0.00864795	0.37723958	0.9079976	NA	EIF4A1P10
NA	ENSG00000229133	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS7P4
NA	ENSG00000229138	0	NA	NA	NA	NA	CDY6P
137196	ENSG00000229140	0.32546767	0.00274882	0.38338701	0.95475083	NA	CCDC26
728724	ENSG00000229140	0.32546767	0.00274882	0.38338701	0.95475083	NA	CCDC26
106144608	ENSG00000229140	0.32546767	0.00274882	0.38338701	0.95475083	NA	CCDC26
NA	ENSG00000229142	0	NA	NA	NA	NA	HCG4P8
NA	ENSG00000229143	0	NA	NA	NA	NA	
NA	ENSG00000229145	0	NA	NA	NA	NA	ACTBP1
NA	ENSG00000229146	0.51937201	-0.02557462	0.38567603	0.54680819	NA	SNX18P4
NA	ENSG00000229147	0	NA	NA	NA	NA	SMPD4P2
NA	ENSG00000229150	0	NA	NA	NA	NA	CRYGEP
NA	ENSG00000229151	0.83659833	-0.00962113	0.3801652	0.87432639	NA	
NA	ENSG00000229152	118.008314	-0.10079233	0.20497736	0.56031049	0.76415299	ANKRD10-IT1
285965	ENSG00000229153	0.45209736	-0.02505403	0.38558831	0.57865948	NA	EPHA1-AS1
100873997	ENSG00000229154	4.87162359	-0.08844364	0.37423828	0.48584266	0.70600735	KCNQ5-AS1
NA	ENSG00000229155	0	NA	NA	NA	NA	LINC02038
NA	ENSG00000229156	0.87824652	0.0153439	0.38251325	0.74332429	NA	
NA	ENSG00000229159	0	NA	NA	NA	NA	TSPY23P
NA	ENSG00000229160	0	NA	NA	NA	NA	
NA	ENSG00000229161	0	NA	NA	NA	NA	TCPIP1
NA	ENSG00000229162	0	NA	NA	NA	NA	RUNX3-AS1

NA	ENSG00000229163	0	NA	NA	NA	NA	NAP1L1P2
NA	ENSG00000229165	0	NA	NA	NA	NA	GDI2P1
NA	ENSG00000229167	0	NA	NA	NA	NA	
NA	ENSG00000229168	0.32327482	0.00158244	0.38337043	0.96593158	NA	RPL19P20
NA	ENSG00000229169	0	NA	NA	NA	NA	
NA	ENSG00000229172	0	NA	NA	NA	NA	
NA	ENSG00000229173	0	NA	NA	NA	NA	SRMP3
101927195	ENSG00000229175	0	NA	NA	NA	NA	LINC00382
NA	ENSG00000229177	0	NA	NA	NA	NA	
NA	ENSG00000229178	6.8773066	-0.24011731	0.44543495	0.13764476	0.31342501	
NA	ENSG00000229180	519.975584	0.12147852	0.10827877	0.24220471	0.46045817	
NA	ENSG00000229182	0	NA	NA	NA	NA	MRPS16P1
643847	ENSG00000229183	0.45209736	-0.02505403	0.38558831	0.57865948	NA	PGA4
NA	ENSG00000229184	0	NA	NA	NA	NA	ATP5PDP2
NA	ENSG00000229186	5.52283556	0.03114296	0.38670161	0.12593064	0.29508254	ADAM1A
NA	ENSG00000229188	0	NA	NA	NA	NA	
NA	ENSG00000229190	0	NA	NA	NA	NA	
NA	ENSG00000229191	17.8009597	-0.71675136	0.70536275	0.02410758	0.08469589	
NA	ENSG00000229192	0	NA	NA	NA	NA	
NA	ENSG00000229195	0	NA	NA	NA	NA	
100128325	ENSG00000229196	0.86216524	-0.01202697	0.38097831	0.82023256	NA	
NA	ENSG00000229197	0	NA	NA	NA	NA	RPS15AP28
NA	ENSG00000229201	0	NA	NA	NA	NA	LINC02787
NA	ENSG00000229203	2.64194255	0.0412804	0.37332517	0.68665882	0.84769738	
NA	ENSG00000229204	0.34163603	0.00285788	0.38338866	0.96040212	NA	PTGES3P3
NA	ENSG00000229205	86.2602363	-0.39463717	0.2389076	0.0431434	0.13291451	LINC00200
NA	ENSG00000229206	0	NA	NA	NA	NA	
NA	ENSG00000229207	3.06864134	-0.12487993	0.3998593	0.22237819	0.43535977	SERPINH1P1
NA	ENSG00000229208	0	NA	NA	NA	NA	RBMY2NP
NA	ENSG00000229209	0	NA	NA	NA	NA	
NA	ENSG00000229211	0	NA	NA	NA	NA	KCTD9P6
NA	ENSG00000229212	127.811662	0.47423302	0.21000648	0.00890472	0.03768041	
NA	ENSG00000229213	0	NA	NA	NA	NA	
401288	ENSG00000229214	16.95434	0.07697135	0.32130789	0.67668411	0.84200981	LINC00242
NA	ENSG00000229217	0	NA	NA	NA	NA	CYCSP11
NA	ENSG00000229220	0	NA	NA	NA	NA	
NA	ENSG00000229221	0.61740167	-0.01519295	0.3833142	0.72382456	NA	HNRNPA1P66
NA	ENSG00000229222	5.93154084	0.03263783	0.35871846	0.8090847	0.91334153	KRT18P4

NA	ENSG00000229224	0	NA	NA	NA	NA	
NA	ENSG00000229225	0	NA	NA	NA	NA	
NA	ENSG00000229226	0	NA	NA	NA	NA	BTF3L4P4
NA	ENSG00000229227	4.63853698	0.0141685	0.36482756	0.90656399	0.95939951	
100287814	ENSG00000229228	0.33471731	0.02354391	0.38534154	0.62842204	NA	LINC00582
NA	ENSG00000229229	0	NA	NA	NA	NA	
NA	ENSG00000229230	0	NA	NA	NA	NA	MT1P3
NA	ENSG00000229231	0	NA	NA	NA	NA	FEM1AP1
NA	ENSG00000229232	0	NA	NA	NA	NA	KRT18P53
NA	ENSG00000229233	0	NA	NA	NA	NA	
NA	ENSG00000229234	0	NA	NA	NA	NA	RBMY1KP
NA	ENSG00000229235	0	NA	NA	NA	NA	RPL37P18
246119	ENSG00000229236	0.544921	0.03255816	0.38619882	0.45687164	NA	TTY10
NA	ENSG00000229237	0	NA	NA	NA	NA	HMG1P37
NA	ENSG00000229238	0	NA	NA	NA	NA	PPP1R12BP1
NA	ENSG00000229239	0	NA	NA	NA	NA	
NA	ENSG00000229240	0	NA	NA	NA	NA	LINC00710
NA	ENSG00000229241	1.68280647	-0.04023768	0.38096331	0.57961165	NA	PNPT1P1
NA	ENSG00000229242	0	NA	NA	NA	NA	
100996624	ENSG00000229243	0	NA	NA	NA	NA	LINC01981
NA	ENSG00000229246	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC00377
NA	ENSG00000229247	0	NA	NA	NA	NA	
NA	ENSG00000229248	0	NA	NA	NA	NA	WBP2P1
NA	ENSG00000229249	0	NA	NA	NA	NA	LINC00446
NA	ENSG00000229250	0	NA	NA	NA	NA	USP9YP31
NA	ENSG00000229251	0.48501627	0.01104311	0.3833888	0.78999982	NA	HNRNPA1P8
NA	ENSG00000229254	0	NA	NA	NA	NA	OR8C1P
NA	ENSG00000229255	0	NA	NA	NA	NA	
NA	ENSG00000229256	0.173124	-0.01911262	0.38486262	0.84537521	NA	ST13P13
NA	ENSG00000229257	0	NA	NA	NA	NA	
102723727	ENSG00000229258	0.16735865	0.01897177	0.38482933	0.78225479	NA	LPGAT1-AS1
NA	ENSG00000229259	0	NA	NA	NA	NA	LRRC37A12P
101928994	ENSG00000229261	0	NA	NA	NA	NA	
NA	ENSG00000229262	0	NA	NA	NA	NA	
NA	ENSG00000229263	0.44960276	-0.02729327	0.38571254	0.56202333	NA	
NA	ENSG00000229266	0	NA	NA	NA	NA	POM121L8P
NA	ENSG00000229267	12.8022406	-0.15844421	0.36879513	0.36221764	0.59197696	SNHG31
NA	ENSG00000229268	0	NA	NA	NA	NA	PES1P2

NA	ENSG00000229269	0	NA	NA	NA	NA	
NA	ENSG00000229271	0	NA	NA	NA	NA	
NA	ENSG00000229272	2.54458801	0.11832363	0.40483379	0.12755867	NA	
NA	ENSG00000229273	6.61058455	0.07331783	0.36706997	0.58130384	0.77852492	
105375009	ENSG00000229274	0	NA	NA	NA	NA	LINC02829
NA	ENSG00000229275	0	NA	NA	NA	NA	
NA	ENSG00000229276	0.173124	-0.01911262	0.38486262	0.84537521	NA	REV3L-IT1
NA	ENSG00000229278	5.36392406	-0.08792858	0.37937682	0.44481835	0.66962186	
NA	ENSG00000229280	0	NA	NA	NA	NA	EEF1DP6
NA	ENSG00000229281	0	NA	NA	NA	NA	GPR53P
NA	ENSG00000229282	0	NA	NA	NA	NA	
NA	ENSG00000229283	0	NA	NA	NA	NA	
NA	ENSG00000229286	0	NA	NA	NA	NA	
NA	ENSG00000229287	0	NA	NA	NA	NA	FABP5P4
NA	ENSG00000229288	0	NA	NA	NA	NA	
NA	ENSG00000229289	0	NA	NA	NA	NA	
NA	ENSG00000229291	0.6798474	0.00379411	0.38244633	0.9289167	NA	LINC02768
729974	ENSG00000229292	0	NA	NA	NA	NA	RFPL4AL1
NA	ENSG00000229294	0	NA	NA	NA	NA	
NA	ENSG00000229297	0	NA	NA	NA	NA	
NA	ENSG00000229298	6.6042501	0.09626398	0.37163158	0.4839293	0.70415528	TUBB8P1
NA	ENSG00000229299	6.59443931	-0.14482044	0.39962269	0.24928266	0.46867491	
NA	ENSG00000229301	0	NA	NA	NA	NA	
NA	ENSG00000229303	0	NA	NA	NA	NA	PPIAP25
NA	ENSG00000229305	0	NA	NA	NA	NA	
NA	ENSG00000229306	0	NA	NA	NA	NA	
100874180	ENSG00000229307	0	NA	NA	NA	NA	LINC00459
NA	ENSG00000229308	0	NA	NA	NA	NA	
NA	ENSG00000229309	0	NA	NA	NA	NA	
NA	ENSG00000229310	0	NA	NA	NA	NA	RPP40P1
NA	ENSG00000229311	21.8597951	-0.05958916	0.30710802	0.75018099	0.88246122	
NA	ENSG00000229312	2.05712159	-0.09743543	0.39501518	0.22154097	NA	
NA	ENSG00000229313	0	NA	NA	NA	NA	
5004	ENSG00000229314	0	NA	NA	NA	NA	ORM1
728012	ENSG00000229315	0	NA	NA	NA	NA	MCHR2-AS1
NA	ENSG00000229316	0	NA	NA	NA	NA	HMGB1P45
NA	ENSG00000229320	103.247467	0.04709753	0.2038065	0.78655344	0.90294962	KRT8P12
NA	ENSG00000229321	2.90588927	0.01797522	0.37431343	0.8375236	0.92628758	

NA	ENSG00000229322	0	NA	NA	NA	NA	
NA	ENSG00000229324	0	NA	NA	NA	NA	NUTF2P7
NA	ENSG00000229325	10.4088959	-0.22838766	0.41619144	0.1961153	0.39984868	ACAP2-IT1
NA	ENSG00000229326	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL17P15
NA	ENSG00000229327	0	NA	NA	NA	NA	
NA	ENSG00000229330	0	NA	NA	NA	NA	
NA	ENSG00000229331	0	NA	NA	NA	NA	GK-IT1
NA	ENSG00000229332	0	NA	NA	NA	NA	PGBD4P8
NA	ENSG00000229334	10.1768397	-0.00484957	0.34229534	0.97348212	0.99020176	
NA	ENSG00000229335	0	NA	NA	NA	NA	DANT1
NA	ENSG00000229336	0.173124	-0.01911262	0.38486262	0.84537521	NA	SREK1IP1P1
NA	ENSG00000229337	10.8278628	-0.14422685	0.3684244	0.38933338	0.61854375	
NA	ENSG00000229338	0	NA	NA	NA	NA	NME2P3
NA	ENSG00000229339	0	NA	NA	NA	NA	
NA	ENSG00000229343	0	NA	NA	NA	NA	CDY22P
NA	ENSG00000229344	1.82612496	0.0210964	0.377979	0.78201295	NA	MTCO2P12
NA	ENSG00000229345	0	NA	NA	NA	NA	
NA	ENSG00000229347	0	NA	NA	NA	NA	
NA	ENSG00000229348	0.81184682	-0.03576796	0.38369041	0.50114691	NA	HYI-AS1
NA	ENSG00000229349	0	NA	NA	NA	NA	ACTG1P9
NA	ENSG00000229351	0	NA	NA	NA	NA	KRTAP9-11P
NA	ENSG00000229352	0.31664933	0.00104351	0.38336605	0.96785479	NA	
100861510	ENSG00000229356	0.81438481	-0.01132717	0.38027742	0.85223318	NA	LRRC3-DT
NA	ENSG00000229357	0	NA	NA	NA	NA	CYCSP51
NA	ENSG00000229358	26.5185515	0.21821146	0.33125427	0.29192831	0.5179626	DPY19L1P1
5301	ENSG00000229359	0	NA	NA	NA	NA	PIN1P1
NA	ENSG00000229360	0	NA	NA	NA	NA	PPP1R2P5
NA	ENSG00000229361	0	NA	NA	NA	NA	UBTFL7
NA	ENSG00000229365	0	NA	NA	NA	NA	
NA	ENSG00000229367	0	NA	NA	NA	NA	HMG2P19
NA	ENSG00000229368	1.18777663	0.01474818	0.37985976	0.81766827	NA	
NA	ENSG00000229369	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000229370	0	NA	NA	NA	NA	
100873952	ENSG00000229372	0.53184983	0.01319331	0.38342077	0.74955495	NA	SZT2-AS1
643365	ENSG00000229373	0	NA	NA	NA	NA	LINC00452
NA	ENSG00000229375	0	NA	NA	NA	NA	USP24P1
NA	ENSG00000229376	14.2160917	-0.05523034	0.33071107	0.7490256	0.88205755	CICP3
NA	ENSG00000229379	0	NA	NA	NA	NA	

101927000	ENSG00000229380	1.53330137	0.02911164	0.38122719	0.6463085	NA	PRKAR1B-AS2
NA	ENSG00000229382	0	NA	NA	NA	NA	
NA	ENSG00000229384	0	NA	NA	NA	NA	HMGB1P16
NA	ENSG00000229385	0.82412577	-0.02816922	0.38334241	0.5522259	NA	CTNNA2-AS1
NA	ENSG00000229386	0	NA	NA	NA	NA	OR8B9P
105378616	ENSG00000229388	2.01674199	-0.02201602	0.3747092	0.80375305	NA	LINC01715
NA	ENSG00000229389	0	NA	NA	NA	NA	
NA	ENSG00000229390	0.74264788	0.04267494	0.38748003	0.33066109	NA	MICD
3128	ENSG00000229391	0	NA	NA	NA	NA	HLA-DRB6
NA	ENSG00000229393	1.50010614	-0.00674923	0.37602692	0.93252524	NA	
NA	ENSG00000229395	0	NA	NA	NA	NA	
NA	ENSG00000229398	0	NA	NA	NA	NA	
NA	ENSG00000229399	0.51779697	0.0312432	0.38606539	0.47601421	NA	
NA	ENSG00000229400	0	NA	NA	NA	NA	CNIH3-AS1
106660610	ENSG00000229401	0	NA	NA	NA	NA	MIR5689HG
NA	ENSG00000229402	0	NA	NA	NA	NA	
NA	ENSG00000229403	0	NA	NA	NA	NA	
170425	ENSG00000229404	0	NA	NA	NA	NA	LINC00858
NA	ENSG00000229405	0	NA	NA	NA	NA	
NA	ENSG00000229406	0	NA	NA	NA	NA	OFD1P4Y
NA	ENSG00000229407	87.1966091	0.07894329	0.22286282	0.66569746	0.83494641	
NA	ENSG00000229409	0	NA	NA	NA	NA	
NA	ENSG00000229413	15.4650466	0.08461409	0.3286595	0.64089699	0.82008361	
338653	ENSG00000229414	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KCNQ1-AS1
NA	ENSG00000229415	0	NA	NA	NA	NA	SFTA3
NA	ENSG00000229416	0	NA	NA	NA	NA	USP9YP8
NA	ENSG00000229417	0.47400914	-0.03509759	0.38628859	0.49540921	NA	NPM1P25
NA	ENSG00000229418	0	NA	NA	NA	NA	
NA	ENSG00000229419	43.4644336	-1.34106478	0.40250913	6.51E-05	0.00051978	RALGAPA1P1
NA	ENSG00000229421	0	NA	NA	NA	NA	H3P10
NA	ENSG00000229422	139.260293	-0.1446021	0.20794745	0.40898561	0.6370813	
NA	ENSG00000229423	0	NA	NA	NA	NA	RPL27AP8
NA	ENSG00000229424	0.173733	0.01914545	0.38484597	0.78225479	NA	
101927745	ENSG00000229425	1.16675197	0.07945061	0.39517244	0.12559605	NA	
105369302	ENSG00000229425	1.16675197	0.07945061	0.39517244	0.12559605	NA	
NA	ENSG00000229427	1.5878747	0.0250744	0.37923973	0.7256704	NA	ANKRD26P4
NA	ENSG00000229431	3.60088444	-0.08666534	0.37954966	0.44711687	0.67106427	MED8-AS1
101928992	ENSG00000229433	0	NA	NA	NA	NA	LINC02069

NA	ENSG00000229434	0	NA	NA	NA	NA	
NA	ENSG00000229435	0	NA	NA	NA	NA	PIP5K1P2
NA	ENSG00000229436	0	NA	NA	NA	NA	
NA	ENSG00000229437	0	NA	NA	NA	NA	LINC00366
NA	ENSG00000229440	0	NA	NA	NA	NA	
NA	ENSG00000229442	0	NA	NA	NA	NA	THEMIS3P
NA	ENSG00000229443	0	NA	NA	NA	NA	LINC00433
101929592	ENSG00000229444	0	NA	NA	NA	NA	ST3GAL3-AS1
NA	ENSG00000229447	3.32742885	-0.00293894	0.37070131	0.9745704	0.9909531	
107986703	ENSG00000229452	0	NA	NA	NA	NA	CPVL-AS1
646424	ENSG00000229453	0	NA	NA	NA	NA	SPINK8
NA	ENSG00000229454	0	NA	NA	NA	NA	
NA	ENSG00000229455	0	NA	NA	NA	NA	RPS10P18
NA	ENSG00000229456	0	NA	NA	NA	NA	RLIMP1
NA	ENSG00000229457	0	NA	NA	NA	NA	LINC01789
NA	ENSG00000229458	0	NA	NA	NA	NA	
NA	ENSG00000229459	0	NA	NA	NA	NA	
NA	ENSG00000229462	0	NA	NA	NA	NA	WDR4P2
NA	ENSG00000229463	0.173124	-0.01911262	0.38486262	0.84537521	NA	LYST-AS1
NA	ENSG00000229466	0	NA	NA	NA	NA	LINC02627
NA	ENSG00000229468	0	NA	NA	NA	NA	RPL39P18
NA	ENSG00000229473	0.16735865	0.01897177	0.38482933	0.78225479	NA	RGS17P1
197135	ENSG00000229474	1.50301348	0.03144185	0.38118518	0.56264479	NA	PATL2
NA	ENSG00000229478	0	NA	NA	NA	NA	ROBO2P1
NA	ENSG00000229483	0	NA	NA	NA	NA	LINC00362
NA	ENSG00000229484	0	NA	NA	NA	NA	LINC02766
NA	ENSG00000229485	0	NA	NA	NA	NA	KSR1P1
NA	ENSG00000229486	0	NA	NA	NA	NA	
NA	ENSG00000229487	0	NA	NA	NA	NA	ALG13-AS1
NA	ENSG00000229491	0	NA	NA	NA	NA	
NA	ENSG00000229492	0	NA	NA	NA	NA	
101927948	ENSG00000229494	0	NA	NA	NA	NA	
NA	ENSG00000229495	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000229497	0	NA	NA	NA	NA	
NA	ENSG00000229498	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000229500	0	NA	NA	NA	NA	RPL17P1
NA	ENSG00000229502	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229503	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL21P37

NA	ENSG00000229505	0	NA	NA	NA	NA	
NA	ENSG00000229508	0	NA	NA	NA	NA	PHKG1P4
NA	ENSG00000229509	0	NA	NA	NA	NA	
NA	ENSG00000229511	4.79843373	0.14246726	0.39707529	0.26815398	0.49088161	GAS2L1P1
NA	ENSG00000229512	0	NA	NA	NA	NA	
NA	ENSG00000229515	0	NA	NA	NA	NA	FLT1P1
NA	ENSG00000229518	0	NA	NA	NA	NA	UBE2V1P3
NA	ENSG00000229519	0.32563364	0.0021288	0.38337701	0.95993008	NA	
NA	ENSG00000229520	0	NA	NA	NA	NA	LINC00404
100874213	ENSG00000229521	0	NA	NA	NA	NA	MYCBP2-AS2
NA	ENSG00000229522	0	NA	NA	NA	NA	LINC01523
NA	ENSG00000229525	5.03098725	0.10609967	0.37785564	0.42544771	0.65125241	
NA	ENSG00000229526	0	NA	NA	NA	NA	KRT16P4
NA	ENSG00000229528	0	NA	NA	NA	NA	
NA	ENSG00000229530	0.3168298	0.00122953	0.38336741	0.9660727	NA	
101928696	ENSG00000229531	0	NA	NA	NA	NA	RABGAP1L-AS1
NA	ENSG00000229532	0	NA	NA	NA	NA	
NA	ENSG00000229533	0.34685661	7.85E-05	0.38336202	0.96771276	NA	
NA	ENSG00000229534	0	NA	NA	NA	NA	HNRNPA1P53
105373615	ENSG00000229536	6.33291109	-0.03025025	0.35589395	0.82462341	0.92036233	LINC02572
105378769	ENSG00000229537	0	NA	NA	NA	NA	LINC01739
NA	ENSG00000229539	2.1430838	-0.0340858	0.37899723	0.65690338	NA	PANK2-AS1
NA	ENSG00000229541	0	NA	NA	NA	NA	GAPDHP26
NA	ENSG00000229543	0.33471731	0.02354391	0.38534154	0.62842204	NA	
390010	ENSG00000229544	0	NA	NA	NA	NA	NKX1-2
NA	ENSG00000229546	0	NA	NA	NA	NA	LINC00428
100131816	ENSG00000229547	0	NA	NA	NA	NA	UBE2DNL
728403	ENSG00000229549	0	NA	NA	NA	NA	TSPY8
NA	ENSG00000229550	0	NA	NA	NA	NA	
NA	ENSG00000229551	0	NA	NA	NA	NA	GAPDHP17
NA	ENSG00000229553	0	NA	NA	NA	NA	USP9YP17
NA	ENSG00000229554	0	NA	NA	NA	NA	RPL21P24
NA	ENSG00000229557	0	NA	NA	NA	NA	LINC00379
100506680	ENSG00000229558	4.81440426	-0.06236179	0.36913465	0.61000025	0.79837997	SACS-AS1
NA	ENSG00000229559	0	NA	NA	NA	NA	
NA	ENSG00000229560	0	NA	NA	NA	NA	LYARP1
NA	ENSG00000229562	0	NA	NA	NA	NA	ZFYVE9P1
101927528	ENSG00000229563	0	NA	NA	NA	NA	LINC01204

NA	ENSG00000229565	0	NA	NA	NA	NA	LINC02264
NA	ENSG00000229567	0	NA	NA	NA	NA	
NA	ENSG00000229568	0	NA	NA	NA	NA	SMC4P1
NA	ENSG00000229569	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229570	0	NA	NA	NA	NA	GAPDHP58
441873	ENSG00000229571	0	NA	NA	NA	NA	PRAMEF25
645359	ENSG00000229571	0	NA	NA	NA	NA	PRAMEF25
NA	ENSG00000229572	0	NA	NA	NA	NA	EIF4BP4
100874143	ENSG00000229578	0	NA	NA	NA	NA	LINC00358
NA	ENSG00000229582	11.4652539	-0.02544891	0.33616437	0.87536494	0.94499851	
NA	ENSG00000229585	1.03704424	0.04938566	0.38641123	0.34997119	NA	RPL21P44
NA	ENSG00000229586	0.173733	0.01914545	0.38484597	0.78225479	NA	TNPO1P3
NA	ENSG00000229587	0.95797506	-0.01154181	0.38117166	0.8336531	NA	
NA	ENSG00000229588	0	NA	NA	NA	NA	
100128640	ENSG00000229589	46.0685052	0.14047866	0.283968	0.4807811	0.70158112	ACVR2B-AS1
NA	ENSG00000229590	0.65657418	0.02513028	0.3835478	0.59850434	NA	MSX2P1
NA	ENSG00000229591	3.37827316	-0.0865271	0.38417625	0.39628867	0.62563597	
NA	ENSG00000229593	0	NA	NA	NA	NA	SUCLA2P3
NA	ENSG00000229594	0	NA	NA	NA	NA	
NA	ENSG00000229595	0	NA	NA	NA	NA	
NA	ENSG00000229596	0	NA	NA	NA	NA	MYL12BP3
NA	ENSG00000229598	2.83807062	0.07153099	0.38222582	0.45007096	0.67346012	PRDX3P1
NA	ENSG00000229599	0	NA	NA	NA	NA	LINC00411
NA	ENSG00000229600	0	NA	NA	NA	NA	
NA	ENSG00000229601	0.66501872	0.00154494	0.38130367	0.97499488	NA	
NA	ENSG00000229603	0	NA	NA	NA	NA	
NA	ENSG00000229604	0	NA	NA	NA	NA	MTATP8P2
NA	ENSG00000229605	0	NA	NA	NA	NA	RPL21P93
NA	ENSG00000229606	0	NA	NA	NA	NA	LINC01718
NA	ENSG00000229607	0	NA	NA	NA	NA	
NA	ENSG00000229608	0	NA	NA	NA	NA	GOLGA2P4
NA	ENSG00000229609	0	NA	NA	NA	NA	LINC01079
NA	ENSG00000229611	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02851
NA	ENSG00000229612	0	NA	NA	NA	NA	SUMO1P2
NA	ENSG00000229613	0	NA	NA	NA	NA	LINC01501
NA	ENSG00000229616	0	NA	NA	NA	NA	
NA	ENSG00000229618	1.03758883	-0.04423306	0.38568653	0.39867919	NA	
401093	ENSG00000229619	16.6693484	-0.06786229	0.33882397	0.68501659	0.84671809	MBNL1-AS1

645949	ENSG00000229621	0	NA	NA	NA	NA	LINC01822
NA	ENSG00000229622	0	NA	NA	NA	NA	MTND5P2
NA	ENSG00000229623	0	NA	NA	NA	NA	METTL21AP1
NA	ENSG00000229625	0	NA	NA	NA	NA	
NA	ENSG00000229626	0	NA	NA	NA	NA	PIGCP2
NA	ENSG00000229627	0	NA	NA	NA	NA	BSNDP4
NA	ENSG00000229628	0	NA	NA	NA	NA	
NA	ENSG00000229629	0	NA	NA	NA	NA	
104266963	ENSG00000229630	0.48754068	-0.00635939	0.38314155	0.86824528	NA	LINC01264
NA	ENSG00000229635	1.49417628	-0.03226197	0.37945903	0.66267469	NA	
NA	ENSG00000229636	0	NA	NA	NA	NA	KRT8P21
360205	ENSG00000229637	0	NA	NA	NA	NA	PRAC2
NA	ENSG00000229638	7.29007154	-0.09139894	0.36186766	0.53998828	0.74887232	RPL4P4
105378788	ENSG00000229639	0	NA	NA	NA	NA	LINC01758
NA	ENSG00000229641	0	NA	NA	NA	NA	CYP2C56P
NA	ENSG00000229642	0	NA	NA	NA	NA	
100873964	ENSG00000229643	0	NA	NA	NA	NA	LINC00280
NA	ENSG00000229644	12.9326194	-0.0640426	0.33912064	0.70138561	0.85617981	NAMPTP1
NA	ENSG00000229646	0	NA	NA	NA	NA	
105373853	ENSG00000229647	0	NA	NA	NA	NA	MYOSLID
NA	ENSG00000229648	0	NA	NA	NA	NA	RPSAP22
101927419	ENSG00000229649	0	NA	NA	NA	NA	LINC02681
NA	ENSG00000229652	0	NA	NA	NA	NA	
NA	ENSG00000229654	0	NA	NA	NA	NA	LINC02526
NA	ENSG00000229656	5.09310752	0.11400514	0.39189706	0.29867551	0.52551632	ITGB1-DT
NA	ENSG00000229657	0.89688829	0.06453179	0.39124169	0.20216241	NA	
NA	ENSG00000229658	0	NA	NA	NA	NA	PABPC1P9
NA	ENSG00000229659	3.29050727	-0.10182339	0.39088771	0.30396333	0.53126299	RPL26P6
NA	ENSG00000229660	0	NA	NA	NA	NA	
NA	ENSG00000229661	0.37844916	0.02407552	0.3854191	0.60038877	NA	BUD31P2
NA	ENSG00000229662	0	NA	NA	NA	NA	
NA	ENSG00000229663	0	NA	NA	NA	NA	DPY19L4P1
NA	ENSG00000229664	0	NA	NA	NA	NA	
NA	ENSG00000229666	22.214754	-0.06011406	0.31287779	0.74440653	0.87963225	MAST4-AS1
NA	ENSG00000229667	0	NA	NA	NA	NA	UBE2V1P9
NA	ENSG00000229668	0	NA	NA	NA	NA	
NA	ENSG00000229670	0	NA	NA	NA	NA	PKP4P1
NA	ENSG00000229671	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01150

NA	ENSG00000229672	0.75689831	0.03380966	0.38651369	0.3822658	NA	
NA	ENSG00000229673	0	NA	NA	NA	NA	
NA	ENSG00000229674	0	NA	NA	NA	NA	H2AL1RP
57615	ENSG00000229676	121.268247	-0.49606718	0.22806334	0.00995405	0.04132895	ZNF492
NA	ENSG00000229677	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229679	0	NA	NA	NA	NA	
NA	ENSG00000229682	0	NA	NA	NA	NA	
26793	ENSG00000229686	0	NA	NA	NA	NA	SNORD56
NA	ENSG00000229687	0	NA	NA	NA	NA	
100506025	ENSG00000229688	0.58857489	-0.00662667	0.38283957	0.83252299	NA	CRPPA-AS1
NA	ENSG00000229689	38.3605328	-0.12555313	0.2753537	0.52255331	0.73580254	
NA	ENSG00000229690	0	NA	NA	NA	NA	MTCO2P1
NA	ENSG00000229692	53.3395488	-0.05878643	0.25319953	0.75701074	0.88697677	SOS1-IT1
NA	ENSG00000229693	0	NA	NA	NA	NA	SKP2P1
100129347	ENSG00000229694	0	NA	NA	NA	NA	
NA	ENSG00000229695	0	NA	NA	NA	NA	
NA	ENSG00000229696	0	NA	NA	NA	NA	KARS1P1
NA	ENSG00000229697	0	NA	NA	NA	NA	FAM242E
101928009	ENSG00000229699	0	NA	NA	NA	NA	
NA	ENSG00000229700	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229701	0	NA	NA	NA	NA	MTND2P20
NA	ENSG00000229703	0	NA	NA	NA	NA	LYPD9P
NA	ENSG00000229704	0.18922458	0.01954053	0.38488496	0.78225479	NA	EIF2S2P2
NA	ENSG00000229707	0	NA	NA	NA	NA	SKP1P3
NA	ENSG00000229708	0	NA	NA	NA	NA	MARK2P12
NA	ENSG00000229709	0	NA	NA	NA	NA	USP9YP36
NA	ENSG00000229711	0	NA	NA	NA	NA	
NA	ENSG00000229713	0	NA	NA	NA	NA	LCEP2
NA	ENSG00000229715	1.57483979	0.09894211	0.3981209	0.13639762	NA	EEF1DP3
NA	ENSG00000229716	0	NA	NA	NA	NA	RPL23AP19
NA	ENSG00000229717	0	NA	NA	NA	NA	
NA	ENSG00000229719	0.34109282	0.02362639	0.38535338	0.62411488	NA	MIR194-2HG
101929460	ENSG00000229720	0	NA	NA	NA	NA	
NA	ENSG00000229721	0	NA	NA	NA	NA	
NA	ENSG00000229722	0	NA	NA	NA	NA	
NA	ENSG00000229723	0	NA	NA	NA	NA	LINC01054
NA	ENSG00000229724	0	NA	NA	NA	NA	OR2AQ1P
NA	ENSG00000229725	0	NA	NA	NA	NA	

100506274	ENSG00000229727	30.0836167	1.42304673	0.57265746	0.00061688	0.00387428	
NA	ENSG00000229728	1.47766368	0.04724851	0.38184145	0.52597645	NA	
NA	ENSG00000229730	0	NA	NA	NA	NA	
NA	ENSG00000229731	0	NA	NA	NA	NA	
NA	ENSG00000229732	0	NA	NA	NA	NA	
NA	ENSG00000229733	0	NA	NA	NA	NA	
NA	ENSG00000229735	0	NA	NA	NA	NA	FTLP16
NA	ENSG00000229738	0	NA	NA	NA	NA	
102724919	ENSG00000229739	7.67626536	0.18569449	0.42356639	0.15294916	0.33769323	PDC-AS1
NA	ENSG00000229740	0	NA	NA	NA	NA	
NA	ENSG00000229742	0	NA	NA	NA	NA	
102682016	ENSG00000229743	1.71971968	0.11896329	0.40964923	0.04310599	NA	LINC01159
NA	ENSG00000229744	0	NA	NA	NA	NA	SDHDP5
NA	ENSG00000229745	0	NA	NA	NA	NA	BPY2DP
NA	ENSG00000229747	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000229749	0	NA	NA	NA	NA	COTL1P1
NA	ENSG00000229750	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000229751	0	NA	NA	NA	NA	
NA	ENSG00000229752	0	NA	NA	NA	NA	RPL7P10
NA	ENSG00000229753	0	NA	NA	NA	NA	RPS27AP15
NA	ENSG00000229754	0	NA	NA	NA	NA	CXCR2P1
NA	ENSG00000229755	0	NA	NA	NA	NA	
NA	ENSG00000229756	0	NA	NA	NA	NA	RPL31P20
NA	ENSG00000229757	0	NA	NA	NA	NA	
NA	ENSG00000229758	0.53050677	0.01398699	0.38295303	0.7375069	NA	DYNLT3P2
NA	ENSG00000229759	5.83243019	-0.07703368	0.36731841	0.56328934	0.76608585	MRPS18AP1
NA	ENSG00000229760	0	NA	NA	NA	NA	MTCO1P52
NA	ENSG00000229761	0	NA	NA	NA	NA	RPS20P1
NA	ENSG00000229762	0	NA	NA	NA	NA	
NA	ENSG00000229765	0.51731722	0.03121979	0.38606308	0.47636011	NA	
NA	ENSG00000229766	8.25549537	0.09552812	0.35922489	0.53929471	0.74850934	
NA	ENSG00000229769	0	NA	NA	NA	NA	TRBV10-2
NA	ENSG00000229770	10.5535549	-1.48008007	1.13682366	0.00565566	0.02583065	
NA	ENSG00000229771	0	NA	NA	NA	NA	
NA	ENSG00000229774	0	NA	NA	NA	NA	
NA	ENSG00000229775	0	NA	NA	NA	NA	LINC02624
NA	ENSG00000229779	0	NA	NA	NA	NA	
100874097	ENSG00000229780	0.78938028	-0.00768238	0.38086643	0.89187081	NA	UBE2Q1-AS1

NA	ENSG00000229781	0	NA	NA	NA	NA	RRN3P4
NA	ENSG00000229782	0	NA	NA	NA	NA	
NA	ENSG00000229785	0	NA	NA	NA	NA	SLC25A38P1
NA	ENSG00000229786	0	NA	NA	NA	NA	SNRFP2
NA	ENSG00000229788	0	NA	NA	NA	NA	LINC00388
NA	ENSG00000229791	0	NA	NA	NA	NA	
104326054	ENSG00000229792	0	NA	NA	NA	NA	LINC00399
NA	ENSG00000229794	0	NA	NA	NA	NA	MTCYBP32
NA	ENSG00000229795	0	NA	NA	NA	NA	RPS21P1
NA	ENSG00000229797	1.06914067	-0.07417763	0.39354878	0.16285047	NA	
NA	ENSG00000229798	0.173733	0.01914545	0.38484597	0.78225479	NA	KRT18P26
NA	ENSG00000229800	0	NA	NA	NA	NA	ATP8A2P2
NA	ENSG00000229805	0	NA	NA	NA	NA	LINC01813
NA	ENSG00000229806	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS15P5
7503	ENSG00000229807	32910.2147	0.23338505	0.04457785	1.34E-07	1.74E-06	XIST
NA	ENSG00000229808	10.2601488	-0.04243369	0.34078991	0.79101483	0.90490309	
146542	ENSG00000229809	201.291601	0.03948593	0.16844593	0.79547338	0.90598116	ZNF688
NA	ENSG00000229814	0	NA	NA	NA	NA	RPL35AP21
NA	ENSG00000229815	0.173124	-0.01911262	0.38486262	0.84537521	NA	CCNB1IP1P1
NA	ENSG00000229816	17.0465619	0.13685832	0.33490959	0.46942484	0.69185312	DDX50P1
NA	ENSG00000229817	0	NA	NA	NA	NA	
NA	ENSG00000229820	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000229821	0	NA	NA	NA	NA	
NA	ENSG00000229822	0	NA	NA	NA	NA	RPS15AP39
NA	ENSG00000229824	0	NA	NA	NA	NA	RPL12P34
NA	ENSG00000229826	0	NA	NA	NA	NA	
NA	ENSG00000229827	0	NA	NA	NA	NA	
NA	ENSG00000229828	0.60055462	-0.03512362	0.38649175	0.44191675	NA	PDE4DIPP1
NA	ENSG00000229829	0	NA	NA	NA	NA	DUTP4
NA	ENSG00000229830	0	NA	NA	NA	NA	
NA	ENSG00000229831	0	NA	NA	NA	NA	
NA	ENSG00000229832	0.49261761	0.01443462	0.38310649	0.75385763	NA	
100131801	ENSG00000229833	352.749439	-0.09759213	0.12528669	0.40899721	0.6370813	PET100
NA	ENSG00000229834	0	NA	NA	NA	NA	
NA	ENSG00000229835	0	NA	NA	NA	NA	KHSRPP1
NA	ENSG00000229836	0	NA	NA	NA	NA	
NA	ENSG00000229839	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000229840	0	NA	NA	NA	NA	ISCA1P2

NA	ENSG00000229842	0	NA	NA	NA	NA	MTATP6P13
NA	ENSG00000229846	0	NA	NA	NA	NA	
196047	ENSG00000229847	0.16735865	0.01897177	0.38482933	0.78225479	NA	EMX2OS
NA	ENSG00000229848	0.66678391	0.02552131	0.38356658	0.59190807	NA	
NA	ENSG00000229849	0	NA	NA	NA	NA	PYHIN5P
100506356	ENSG00000229851	0.50207596	0.02562368	0.38565771	0.52549886	NA	ARSD-AS1
NA	ENSG00000229852	314.517733	-0.03737289	0.13559372	0.7673018	0.89280791	
NA	ENSG00000229853	0	NA	NA	NA	NA	
NA	ENSG00000229854	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000229855	0	NA	NA	NA	NA	
NA	ENSG00000229857	0	NA	NA	NA	NA	
NA	ENSG00000229858	0	NA	NA	NA	NA	
643834	ENSG00000229859	0	NA	NA	NA	NA	PGA3
NA	ENSG00000229862	0	NA	NA	NA	NA	
NA	ENSG00000229863	0	NA	NA	NA	NA	
NA	ENSG00000229865	0	NA	NA	NA	NA	RPL31P54
100874111	ENSG00000229867	5.28749238	0.04658047	0.36275981	0.7220446	0.86742752	STEAP3-AS1
101927762	ENSG00000229869	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000229870	1.21501654	0.03885406	0.38353414	0.50396739	NA	RPL21P89
NA	ENSG00000229871	2.02211597	0.060521	0.38197473	0.47830162	NA	RPSAP20
101409261	ENSG00000229873	0	NA	NA	NA	NA	OGFR-AS1
NA	ENSG00000229875	0	NA	NA	NA	NA	EIF1P1
101929244	ENSG00000229876	0	NA	NA	NA	NA	CASC20
NA	ENSG00000229877	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PAICSP5
NA	ENSG00000229878	0	NA	NA	NA	NA	
NA	ENSG00000229880	0	NA	NA	NA	NA	IMMTP1
NA	ENSG00000229881	0	NA	NA	NA	NA	
NA	ENSG00000229882	0	NA	NA	NA	NA	
NA	ENSG00000229885	0	NA	NA	NA	NA	
NA	ENSG00000229886	0	NA	NA	NA	NA	
NA	ENSG00000229887	0	NA	NA	NA	NA	HNRNPA1P6
NA	ENSG00000229890	0	NA	NA	NA	NA	ACTP1
102723775	ENSG00000229891	42.1286501	0.11659409	0.29068388	0.55402498	0.76002561	LINC01315
NA	ENSG00000229892	0	NA	NA	NA	NA	
NA	ENSG00000229893	0.31684765	0.00124646	0.38336755	0.96591047	NA	TAX1BP1-AS1
NA	ENSG00000229894	0	NA	NA	NA	NA	GK3P
NA	ENSG00000229896	0	NA	NA	NA	NA	
NA	ENSG00000229897	0	NA	NA	NA	NA	SEPTIN7P7

	NA	ENSG00000229899	0	NA	NA	NA	NA	
	NA	ENSG00000229900	0	NA	NA	NA	NA	HSPD1P21
101929901	NA	ENSG00000229901	0.173733	0.01914545	0.38484597	0.78225479	NA	FOXO6-AS1
	NA	ENSG00000229905	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000229906	0	NA	NA	NA	NA	SNRPGP11
	NA	ENSG00000229907	0	NA	NA	NA	NA	DEFB108A
	NA	ENSG00000229909	0	NA	NA	NA	NA	TRIM60P16
	NA	ENSG00000229910	0	NA	NA	NA	NA	HNRNPA1P18
	NA	ENSG00000229911	0	NA	NA	NA	NA	
	NA	ENSG00000229912	0	NA	NA	NA	NA	
	NA	ENSG00000229913	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000229914	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000229915	1.00952802	0.02869884	0.38173716	0.63317452	NA	
	NA	ENSG00000229917	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL7P46
100874096	NA	ENSG00000229918	0	NA	NA	NA	NA	DOCK9-AS1
	NA	ENSG00000229919	0	NA	NA	NA	NA	ELOCP3
	NA	ENSG00000229920	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS4XP5
100505879	NA	ENSG00000229921	34.3416862	-0.01898279	0.29016415	0.91877321	0.96558446	KIF25-AS1
	NA	ENSG00000229922	0	NA	NA	NA	NA	LINC02865
	NA	ENSG00000229923	0	NA	NA	NA	NA	
100287045	NA	ENSG00000229924	0	NA	NA	NA	NA	FAM90A26
	NA	ENSG00000229925	0	NA	NA	NA	NA	
	NA	ENSG00000229926	0	NA	NA	NA	NA	IL9RP1
	NA	ENSG00000229927	3.83284712	-0.03335457	0.3869751	0.15597965	0.34213777	RHEBP1
	NA	ENSG00000229928	0	NA	NA	NA	NA	LINC00400
	NA	ENSG00000229930	0	NA	NA	NA	NA	
	NA	ENSG00000229931	0.83396144	0.03957025	0.3852024	0.43888631	NA	ATXN1-AS1
	NA	ENSG00000229932	1.66254892	0.03850708	0.37804693	0.64745084	NA	YWHAZP3
	NA	ENSG00000229935	0	NA	NA	NA	NA	MTCYBP9
221823	NA	ENSG00000229937	0	NA	NA	NA	NA	PRPS1L1
	NA	ENSG00000229938	0	NA	NA	NA	NA	MYO16-AS2
	NA	ENSG00000229939	0.84954197	0.04951234	0.38855746	0.26950975	NA	
	NA	ENSG00000229940	0	NA	NA	NA	NA	TSPY22P
	NA	ENSG00000229941	0	NA	NA	NA	NA	PDE11A-AS1
	NA	ENSG00000229943	0	NA	NA	NA	NA	
	NA	ENSG00000229944	0.5972779	-0.02732172	0.38586499	0.50076333	NA	EIF4EP2
	NA	ENSG00000229946	0.89185175	0.0392838	0.38497961	0.43523502	NA	B3GNT2P1
	NA	ENSG00000229948	0	NA	NA	NA	NA	B3GALNT1P1

NA	ENSG00000229949	0	NA	NA	NA	NA	
NA	ENSG00000229950	0	NA	NA	NA	NA	TFAP2A-AS1
403150	ENSG00000229951	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000229953	12.8988125	-0.29102665	0.43591818	0.14897888	0.33152472	
NA	ENSG00000229954	0.173124	-0.01911262	0.38486262	0.84537521	NA	MTND2P2
NA	ENSG00000229955	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000229956	12.8759324	-0.01255297	0.33123433	0.93893799	0.97474024	ZRANB2-AS2
NA	ENSG00000229957	0	NA	NA	NA	NA	
NA	ENSG00000229960	0	NA	NA	NA	NA	
NA	ENSG00000229961	0	NA	NA	NA	NA	
NA	ENSG00000229962	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000229964	0	NA	NA	NA	NA	
NA	ENSG00000229965	0	NA	NA	NA	NA	RPS3AP7
NA	ENSG00000229967	0	NA	NA	NA	NA	MAGEA4-AS1
NA	ENSG00000229968	0	NA	NA	NA	NA	
NA	ENSG00000229969	0	NA	NA	NA	NA	
NA	ENSG00000229970	17.9434596	-0.12629983	0.32911234	0.50210866	0.71895859	
NA	ENSG00000229971	0	NA	NA	NA	NA	
401067	ENSG00000229972	0	NA	NA	NA	NA	IQCF3
NA	ENSG00000229975	0.30001882	-0.02294461	0.38527539	0.68644691	NA	LIPT1P1
NA	ENSG00000229976	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000229977	0	NA	NA	NA	NA	
NA	ENSG00000229978	0	NA	NA	NA	NA	PRAMEF36P
NA	ENSG00000229979	0	NA	NA	NA	NA	HMG2P48
400604	ENSG00000229980	74.3136753	0.19189548	0.27017294	0.33296918	0.56231772	TOB1-AS1
103695365	ENSG00000229981	0	NA	NA	NA	NA	LINC01435
NA	ENSG00000229982	0	NA	NA	NA	NA	GTF3AP6
NA	ENSG00000229983	0.47243751	-0.00725703	0.38322329	0.86713603	NA	
NA	ENSG00000229985	0	NA	NA	NA	NA	
NA	ENSG00000229986	0	NA	NA	NA	NA	
NA	ENSG00000229988	0	NA	NA	NA	NA	HBBP1
NA	ENSG00000229989	1.77938611	-0.07652702	0.38709969	0.35267184	NA	MIR181A1HG
NA	ENSG00000229990	0.97813649	0.02902255	0.38194814	0.62514064	NA	
NA	ENSG00000229991	0.16735865	0.01897177	0.38482933	0.78225479	NA	AKR1B1P1
NA	ENSG00000229992	1.00624467	0.00142246	0.38080718	0.97958223	NA	HMGB3P9
NA	ENSG00000229994	0.4640946	-0.00760095	0.38326356	0.86775234	NA	RPL5P4
NA	ENSG00000229996	0	NA	NA	NA	NA	
NA	ENSG00000229999	0	NA	NA	NA	NA	SGSM3-AS1

NA	ENSG00000230000	0	NA	NA	NA	NA	
NA	ENSG00000230001	0	NA	NA	NA	NA	
NA	ENSG00000230002	12.7062239	0.05307018	0.33990702	0.74971069	0.88222183	ALMS1-IT1
NA	ENSG00000230003	0	NA	NA	NA	NA	
NA	ENSG00000230005	0.47310743	-0.03505191	0.38628401	0.49603829	NA	SNAP47-AS1
645784	ENSG00000230006	0.51425947	0.01321833	0.3829421	0.75081981	NA	ANKRD36BP2
NA	ENSG00000230009	0	NA	NA	NA	NA	MTCO2P3
NA	ENSG00000230010	11.225069	0.04539441	0.33682179	0.78721323	0.90331242	
NA	ENSG00000230011	0	NA	NA	NA	NA	CTSLP4
NA	ENSG00000230013	0	NA	NA	NA	NA	CT70
NA	ENSG00000230014	0	NA	NA	NA	NA	LINC00709
NA	ENSG00000230015	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000230018	0	NA	NA	NA	NA	PPIAP39
NA	ENSG00000230019	0	NA	NA	NA	NA	YWHAQP9
100873920	ENSG00000230020	0	NA	NA	NA	NA	NHS-AS1
101928626	ENSG00000230021	9.23795156	-0.00533673	0.3501737	0.96764612	0.98765815	
NA	ENSG00000230022	0.32570456	0.00216688	0.38337755	0.95956544	NA	FNTAP2
284632	ENSG00000230023	0	NA	NA	NA	NA	LINC02800
NA	ENSG00000230025	0	NA	NA	NA	NA	
NA	ENSG00000230026	2.62752256	0.13028378	0.40643943	0.1589134	0.34631391	
NA	ENSG00000230027	0	NA	NA	NA	NA	
NA	ENSG00000230029	0	NA	NA	NA	NA	CDY11P
NA	ENSG00000230030	0	NA	NA	NA	NA	
100287399	ENSG00000230031	0	NA	NA	NA	NA	POTEB2
NA	ENSG00000230033	0	NA	NA	NA	NA	
NA	ENSG00000230035	0	NA	NA	NA	NA	IGSF21-AS1
NA	ENSG00000230037	0	NA	NA	NA	NA	UBBP1
NA	ENSG00000230039	0	NA	NA	NA	NA	CCNYL5
100874145	ENSG00000230040	0	NA	NA	NA	NA	LINC00364
NA	ENSG00000230042	8.80879174	-0.03165562	0.35081738	0.82716749	0.92186288	AK3P3
NA	ENSG00000230043	0	NA	NA	NA	NA	TMSB4XP6
NA	ENSG00000230044	0	NA	NA	NA	NA	CDK8P1
NA	ENSG00000230045	0	NA	NA	NA	NA	FAM90A15P
NA	ENSG00000230046	0.16735865	0.01897177	0.38482933	0.78225479	NA	BIRC6-AS1
NA	ENSG00000230047	0	NA	NA	NA	NA	HIGD2AP1
NA	ENSG00000230051	0	NA	NA	NA	NA	
NA	ENSG00000230052	0	NA	NA	NA	NA	MTND3P2
NA	ENSG00000230053	0	NA	NA	NA	NA	

105376230	ENSG00000230054	0	NA	NA	NA	NA	TEX53
NA	ENSG00000230056	0	NA	NA	NA	NA	DDX6P1
NA	ENSG00000230061	0	NA	NA	NA	NA	TRPM2-AS
100287718	ENSG00000230062	0	NA	NA	NA	NA	ANKRD66
NA	ENSG00000230063	0	NA	NA	NA	NA	
NA	ENSG00000230064	1.15012358	0.01316226	0.38166507	0.80197959	NA	
NA	ENSG00000230065	0	NA	NA	NA	NA	
107987341	ENSG00000230066	0	NA	NA	NA	NA	FAM197Y3
NA	ENSG00000230067	0.88201751	0.01766619	0.38200769	0.73236539	NA	HSPD1P6
NA	ENSG00000230068	0.33471731	0.02354391	0.38534154	0.62842204	NA	CDC42-IT1
NA	ENSG00000230069	1.03081482	0.058584	0.39029598	0.20062929	NA	LRRC37A15P
NA	ENSG00000230071	0.9615814	-0.01824378	0.38082111	0.76020573	NA	RPL4P6
NA	ENSG00000230073	0	NA	NA	NA	NA	
NA	ENSG00000230074	56.1659723	0.31815855	0.28993226	0.13426324	0.3084867	
NA	ENSG00000230076	2.62524661	0.01581675	0.3711321	0.87606892	0.94529871	RPL10P6
NA	ENSG00000230077	0	NA	NA	NA	NA	MTAPP2
NA	ENSG00000230079	0	NA	NA	NA	NA	STK24P1
NA	ENSG00000230080	0	NA	NA	NA	NA	
NA	ENSG00000230081	0	NA	NA	NA	NA	HSPE1P28
100874032	ENSG00000230082	4.21218683	-0.05502123	0.36913089	0.64373965	0.8220245	PRRT3-AS1
NA	ENSG00000230083	0	NA	NA	NA	NA	
NA	ENSG00000230084	154.106216	-0.00505523	0.17701492	0.97316291	0.99002934	
NA	ENSG00000230086	0	NA	NA	NA	NA	VN1R96P
NA	ENSG00000230087	0	NA	NA	NA	NA	
NA	ENSG00000230088	0	NA	NA	NA	NA	KRT16P5
NA	ENSG00000230090	8.21983168	0.07704615	0.37946319	0.44990024	0.67340229	
NA	ENSG00000230091	14.7302801	0.05448842	0.34021121	0.74252404	0.87870936	TMEM254-AS1
NA	ENSG00000230092	7.17297456	-0.00760916	0.35171047	0.95516315	0.98160111	
NA	ENSG00000230096	0	NA	NA	NA	NA	
NA	ENSG00000230097	0	NA	NA	NA	NA	ME2P1
101927489	ENSG00000230098	0	NA	NA	NA	NA	TCERG1L-AS1
NA	ENSG00000230099	0	NA	NA	NA	NA	TRBV5-4
NA	ENSG00000230100	0	NA	NA	NA	NA	
NA	ENSG00000230101	0.173733	0.01914545	0.38484597	0.78225479	NA	TUBB3P2
285389	ENSG00000230102	2.08937691	0.02362238	0.37664383	0.76856224	NA	LINC02028
NA	ENSG00000230104	0	NA	NA	NA	NA	
NA	ENSG00000230105	0	NA	NA	NA	NA	
NA	ENSG00000230106	0	NA	NA	NA	NA	SNRPCP15

NA	ENSG00000230107	0	NA	NA	NA	NA	
105376444	ENSG00000230109	0	NA	NA	NA	NA	LINC02643
NA	ENSG00000230111	0	NA	NA	NA	NA	H3P11
NA	ENSG00000230112	0	NA	NA	NA	NA	
NA	ENSG00000230113	0	NA	NA	NA	NA	
101929721	ENSG00000230114	0	NA	NA	NA	NA	AGBL4-AS1
100874027	ENSG00000230115	0	NA	NA	NA	NA	TPRG1-AS2
NA	ENSG00000230116	0	NA	NA	NA	NA	RPS3AP11
NA	ENSG00000230118	0	NA	NA	NA	NA	
NA	ENSG00000230119	0	NA	NA	NA	NA	
NA	ENSG00000230120	0	NA	NA	NA	NA	
NA	ENSG00000230121	0	NA	NA	NA	NA	
NA	ENSG00000230122	0	NA	NA	NA	NA	ECEL1P3
NA	ENSG00000230123	0	NA	NA	NA	NA	DLEC1P1
84320	ENSG00000230124	1696.87416	0.08693295	0.09119993	0.32689555	0.55525384	ACBD6
100527964	ENSG00000230124	1696.87416	0.08693295	0.09119993	0.32689555	0.55525384	ACBD6
NA	ENSG00000230125	0	NA	NA	NA	NA	EEF1A1P39
100873987	ENSG00000230126	0	NA	NA	NA	NA	FGF12-AS2
NA	ENSG00000230130	0	NA	NA	NA	NA	MTND2P39
NA	ENSG00000230131	1.5378153	-0.00783743	0.37722565	0.91621573	NA	LINC02641
NA	ENSG00000230132	0	NA	NA	NA	NA	
400839	ENSG00000230133	0	NA	NA	NA	NA	LINC01721
NA	ENSG00000230137	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000230138	5.81751534	-0.18353297	0.41223719	0.2069514	0.41417369	LINC02812
NA	ENSG00000230140	0.29863895	-0.02292439	0.3852726	0.68753245	NA	NPAS2-AS1
NA	ENSG00000230142	0	NA	NA	NA	NA	LINC01075
NA	ENSG00000230146	0	NA	NA	NA	NA	SEPHS1P4
NA	ENSG00000230147	0	NA	NA	NA	NA	
100874362	ENSG00000230148	0	NA	NA	NA	NA	HOXB-AS1
NA	ENSG00000230149	2.7984785	0.08398332	0.38727609	0.35221401	0.58213871	
NA	ENSG00000230153	0	NA	NA	NA	NA	
NA	ENSG00000230154	0	NA	NA	NA	NA	AIDAP1
NA	ENSG00000230155	0.33471731	0.02354391	0.38534154	0.62842204	NA	CEP250-AS1
100874173	ENSG00000230156	0	NA	NA	NA	NA	LINC00443
NA	ENSG00000230157	0	NA	NA	NA	NA	ATP5MC1P1
NA	ENSG00000230158	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MTND1P28
NA	ENSG00000230159	0	NA	NA	NA	NA	
NA	ENSG00000230160	0	NA	NA	NA	NA	

NA	ENSG00000230161	0	NA	NA	NA	NA	
NA	ENSG00000230162	0.34624801	-0.02356563	0.38536324	0.65270996	NA	CT45A11P
NA	ENSG00000230163	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000230164	0	NA	NA	NA	NA	MAS1LP1
NA	ENSG00000230165	0	NA	NA	NA	NA	AURKAP2
NA	ENSG00000230166	0	NA	NA	NA	NA	RPL35AP24
NA	ENSG00000230169	0	NA	NA	NA	NA	RPL30P16
NA	ENSG00000230170	0	NA	NA	NA	NA	HNRNPA1P28
NA	ENSG00000230171	0	NA	NA	NA	NA	RPL22P18
NA	ENSG00000230172	0	NA	NA	NA	NA	
101927431	ENSG00000230173	0	NA	NA	NA	NA	LINC01790
101929111	ENSG00000230174	0	NA	NA	NA	NA	LINC01149
NA	ENSG00000230175	0.44967623	-0.02729686	0.38571283	0.56196249	NA	
NA	ENSG00000230176	1.18997396	0.06725017	0.39224887	0.15287506	NA	LINC01433
NA	ENSG00000230180	0	NA	NA	NA	NA	RPL12P49
NA	ENSG00000230182	0	NA	NA	NA	NA	RNF10P1
NA	ENSG00000230183	3.04777335	0.03581286	0.3760399	0.69290164	0.85163509	CNOT6LP1
NA	ENSG00000230184	0	NA	NA	NA	NA	SMYD3-IT1
NA	ENSG00000230185	9.54091291	0.07769497	0.35096851	0.62778118	0.81114806	C9orf147
NA	ENSG00000230186	0	NA	NA	NA	NA	
NA	ENSG00000230187	0	NA	NA	NA	NA	
NA	ENSG00000230188	0.92079868	-0.0650689	0.39130174	0.21254609	NA	
NA	ENSG00000230189	1.64902108	0.00933836	0.37800636	0.89842032	NA	
105375556	ENSG00000230190	0.51054272	-0.00970538	0.3832583	0.82602083	NA	
NA	ENSG00000230191	0	NA	NA	NA	NA	IFITM3P4
NA	ENSG00000230192	0	NA	NA	NA	NA	
NA	ENSG00000230194	0	NA	NA	NA	NA	
NA	ENSG00000230196	0	NA	NA	NA	NA	DDX43P3
NA	ENSG00000230197	0.8177595	0.01548285	0.38189268	0.76404105	NA	
NA	ENSG00000230198	0	NA	NA	NA	NA	RPL37P4
NA	ENSG00000230199	0	NA	NA	NA	NA	
NA	ENSG00000230201	0.33930666	0.00253954	0.38338303	0.96421169	NA	ATP6V0CP1
NA	ENSG00000230202	3.60734333	-0.00114606	0.36918907	0.98924894	0.99604194	
NA	ENSG00000230203	0	NA	NA	NA	NA	
NA	ENSG00000230204	0.91607345	0.03225437	0.38465941	0.47272396	NA	FTH1P5
NA	ENSG00000230205	0	NA	NA	NA	NA	
NA	ENSG00000230207	0.46918471	-0.00816529	0.38327871	0.85831809	NA	RPL4P5
NA	ENSG00000230208	0	NA	NA	NA	NA	IFNNP1

100133286	ENSG00000230212	2.9180655	0.08121918	0.38181557	0.43526284	0.66041715	
NA	ENSG00000230213	0	NA	NA	NA	NA	OR8V1P
NA	ENSG00000230214	0	NA	NA	NA	NA	FTLP18
100874079	ENSG00000230215	0	NA	NA	NA	NA	LINC01840
NA	ENSG00000230216	0.64036044	-0.02531234	0.38298268	0.6353029	NA	HSPB1P2
403315	ENSG00000230219	0	NA	NA	NA	NA	CIBAR1P2
NA	ENSG00000230221	0.47402054	-0.00929218	0.38285224	0.84636685	NA	
NA	ENSG00000230223	0	NA	NA	NA	NA	ATXN8OS
NA	ENSG00000230224	16.5713338	0.17009208	0.35746783	0.36419898	0.59387751	PHBP9
NA	ENSG00000230225	0.53030373	0.03940047	0.3868093	0.41707373	NA	MTND5P14
NA	ENSG00000230226	0	NA	NA	NA	NA	
NA	ENSG00000230227	0	NA	NA	NA	NA	SIAH1P1
NA	ENSG00000230228	0	NA	NA	NA	NA	H3P1
NA	ENSG00000230229	0	NA	NA	NA	NA	
NA	ENSG00000230231	0	NA	NA	NA	NA	FMO7P
NA	ENSG00000230233	0	NA	NA	NA	NA	
NA	ENSG00000230234	0	NA	NA	NA	NA	
NA	ENSG00000230237	0	NA	NA	NA	NA	GNA13P1
NA	ENSG00000230239	0	NA	NA	NA	NA	PDE4DIPP9
NA	ENSG00000230240	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL34P19
NA	ENSG00000230241	0	NA	NA	NA	NA	
NA	ENSG00000230243	0	NA	NA	NA	NA	FKBP1AP3
NA	ENSG00000230244	0	NA	NA	NA	NA	RAD23BP2
NA	ENSG00000230245	0	NA	NA	NA	NA	
441452	ENSG00000230246	0	NA	NA	NA	NA	SPATA31C1
NA	ENSG00000230247	0	NA	NA	NA	NA	HNRNPH3P1
NA	ENSG00000230248	0	NA	NA	NA	NA	
NA	ENSG00000230249	0	NA	NA	NA	NA	RPS24P21
105378739	ENSG00000230250	0	NA	NA	NA	NA	LINC01753
NA	ENSG00000230251	1.80389958	-0.00308126	0.37607561	0.96815699	NA	PHBP4
NA	ENSG00000230252	0	NA	NA	NA	NA	MTND2P4
NA	ENSG00000230256	0	NA	NA	NA	NA	FGFR1OP2P1
58160	ENSG00000230257	0	NA	NA	NA	NA	NFE4
NA	ENSG00000230258	0	NA	NA	NA	NA	
NA	ENSG00000230260	0	NA	NA	NA	NA	
NA	ENSG00000230261	0	NA	NA	NA	NA	OR5J2P
158257	ENSG00000230262	1.38986283	0.05106189	0.38467801	0.42447378	NA	LINC02603
101410543	ENSG00000230266	0.31675535	0.0011563	0.38336685	0.96677434	NA	XXYLT1-AS2

NA	ENSG00000230267	280.681699	0.0111541	0.14714711	0.93576926	0.97325384	HERC2P4
NA	ENSG00000230268	0.173733	0.01914545	0.38484597	0.78225479	NA	SSU72P8
NA	ENSG00000230269	0.61400271	-0.03573714	0.38656146	0.43356928	NA	LINC02525
NA	ENSG00000230271	0.30001607	-0.02294459	0.38527538	0.68644863	NA	
NA	ENSG00000230273	0	NA	NA	NA	NA	BRI3P3
NA	ENSG00000230274	0	NA	NA	NA	NA	PGAM1P3
NA	ENSG00000230275	0	NA	NA	NA	NA	SERBP1P4
NA	ENSG00000230276	0	NA	NA	NA	NA	
NA	ENSG00000230280	15.4932829	0.21074203	0.38003702	0.26969165	0.4928325	HNRNPA1P59
NA	ENSG00000230282	0	NA	NA	NA	NA	RPL7P61
NA	ENSG00000230283	0	NA	NA	NA	NA	RPS12P24
NA	ENSG00000230284	0	NA	NA	NA	NA	
NA	ENSG00000230285	0	NA	NA	NA	NA	
NA	ENSG00000230286	0.6631837	-0.0219684	0.3832051	0.65282718	NA	
NA	ENSG00000230287	0	NA	NA	NA	NA	
NA	ENSG00000230289	0.65766424	0.02557295	0.38360097	0.59373954	NA	
NA	ENSG00000230290	0	NA	NA	NA	NA	ARMC2-AS1
NA	ENSG00000230291	0.53097584	0.03943458	0.38681336	0.41666598	NA	
100862679	ENSG00000230292	0	NA	NA	NA	NA	NAALADL2-AS3
NA	ENSG00000230294	2.19804752	-0.0536952	0.38062736	0.52290309	NA	LINC02370
NA	ENSG00000230295	0.983158	-0.04616843	0.38481429	0.40413096	NA	GTF2IP23
NA	ENSG00000230298	0	NA	NA	NA	NA	
NA	ENSG00000230299	0	NA	NA	NA	NA	SNRPEP11
NA	ENSG00000230300	0	NA	NA	NA	NA	STARD13-IT1
79295	ENSG00000230301	0	NA	NA	NA	NA	OR5H6
NA	ENSG00000230302	0	NA	NA	NA	NA	MTND3P4
NA	ENSG00000230303	12.9002684	0.22886266	0.40642411	0.21137623	0.42054798	
NA	ENSG00000230304	1.1336966	-0.04838012	0.38590219	0.35738891	NA	CICP6
NA	ENSG00000230305	0	NA	NA	NA	NA	
NA	ENSG00000230306	0	NA	NA	NA	NA	BANF1P2
NA	ENSG00000230307	0	NA	NA	NA	NA	OR6C5P
NA	ENSG00000230309	0	NA	NA	NA	NA	
NA	ENSG00000230310	0.97908152	-0.01456901	0.38130746	0.79136882	NA	
NA	ENSG00000230311	0	NA	NA	NA	NA	TOMM20P4
NA	ENSG00000230312	0.31805662	0.00099283	0.38336566	0.96756354	NA	SLC25A53P1
NA	ENSG00000230313	0	NA	NA	NA	NA	HCG24
100506409	ENSG00000230314	5.76977773	-0.16885947	0.40892259	0.21187028	0.42144641	ELOVL2-AS1
154860	ENSG00000230316	0	NA	NA	NA	NA	FEZF1-AS1

101926971	ENSG00000230317	1.68383795	0.02692495	0.37958572	0.70449487	NA	LINC01284
NA	ENSG00000230318	0	NA	NA	NA	NA	XRCC6P3
100506679	ENSG00000230319	6.87136345	-0.03151451	0.35462328	0.8209286	0.91847813	TTLL1-AS1
NA	ENSG00000230320	0.32262676	-0.02325531	0.38531886	0.66952847	NA	BEND7P1
NA	ENSG00000230321	0	NA	NA	NA	NA	MTCO2P27
NA	ENSG00000230322	0	NA	NA	NA	NA	
NA	ENSG00000230323	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC00159
339568	ENSG00000230324	0	NA	NA	NA	NA	LINC01734
NA	ENSG00000230325	7.29941562	-0.0951969	0.36941545	0.49581552	0.71458521	
NA	ENSG00000230326	0	NA	NA	NA	NA	HMGNI1P33
NA	ENSG00000230327	0.34624801	-0.02356563	0.38536324	0.65270996	NA	MTCO1P42
NA	ENSG00000230328	0	NA	NA	NA	NA	
NA	ENSG00000230330	0.16735865	0.01897177	0.38482933	0.78225479	NA	HMGNI2P3
NA	ENSG00000230331	0	NA	NA	NA	NA	
NA	ENSG00000230333	10.7135601	1.90147925	1.00674068	0.00177135	0.00965219	
NA	ENSG00000230335	0	NA	NA	NA	NA	DNAJB5P1
105376736	ENSG00000230337	1.81852429	-0.04874458	0.38363253	0.47053311	NA	EXOSC10-AS1
NA	ENSG00000230338	0	NA	NA	NA	NA	MTND4P19
NA	ENSG00000230339	0	NA	NA	NA	NA	
NA	ENSG00000230342	0	NA	NA	NA	NA	FANCD2P2
NA	ENSG00000230343	0	NA	NA	NA	NA	
NA	ENSG00000230350	0.44958697	-0.0272925	0.38571247	0.56203641	NA	RPL35AP3
NA	ENSG00000230352	0	NA	NA	NA	NA	
NA	ENSG00000230353	0	NA	NA	NA	NA	RPS21P2
NA	ENSG00000230355	0	NA	NA	NA	NA	
NA	ENSG00000230356	0	NA	NA	NA	NA	NCAPD2P1
442572	ENSG00000230358	1.05090746	-0.05883765	0.3903014	0.21312778	NA	SPDYE21
286016	ENSG00000230359	47.8562005	-0.19792907	0.27210296	0.3232276	0.55093089	TPI1P2
NA	ENSG00000230360	0	NA	NA	NA	NA	DDX10P2
NA	ENSG00000230361	0	NA	NA	NA	NA	VN1R32P
NA	ENSG00000230362	0	NA	NA	NA	NA	ACTG1P23
NA	ENSG00000230364	0	NA	NA	NA	NA	RPL4P3
NA	ENSG00000230365	0	NA	NA	NA	NA	
257203	ENSG00000230366	9.98424406	-0.11260962	0.36257688	0.47656939	0.69841458	DSCR9
284593	ENSG00000230368	1.60688963	-0.0169733	0.37726071	0.82604138	NA	FAM41C
NA	ENSG00000230370	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL23AP52
NA	ENSG00000230371	5.85402986	-0.03199383	0.35772444	0.81122304	0.91456796	KARS1P2
642402	ENSG00000230373	379.161803	0.60519687	0.12931277	8.40E-07	9.65E-06	GOLGA6L5P

NA	ENSG00000230375	0	NA	NA	NA	NA	GSTA11P
NA	ENSG00000230376	0	NA	NA	NA	NA	MEMO1P4
NA	ENSG00000230377	0	NA	NA	NA	NA	ELOCP7
NA	ENSG00000230379	0	NA	NA	NA	NA	
NA	ENSG00000230381	0	NA	NA	NA	NA	
NA	ENSG00000230383	1.61623504	-0.06411529	0.38639415	0.36297803	NA	
NA	ENSG00000230384	0	NA	NA	NA	NA	RPSAP25
NA	ENSG00000230385	0	NA	NA	NA	NA	
NA	ENSG00000230386	0	NA	NA	NA	NA	
100505664	ENSG00000230387	0	NA	NA	NA	NA	
103695431	ENSG00000230390	0	NA	NA	NA	NA	LINC01048
NA	ENSG00000230391	0	NA	NA	NA	NA	RPSAP23
101928336	ENSG00000230392	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000230393	11.2774449	0.11019212	0.35747545	0.50125927	0.71841948	
NA	ENSG00000230395	0	NA	NA	NA	NA	ANAPC1P3
NA	ENSG00000230397	0.55814128	0.03318919	0.38626524	0.44790581	NA	SPTLC1P1
NA	ENSG00000230398	0	NA	NA	NA	NA	HINT2P1
NA	ENSG00000230399	0	NA	NA	NA	NA	RBBP8P1
NA	ENSG00000230400	0	NA	NA	NA	NA	LINC01747
105374293	ENSG00000230401	0	NA	NA	NA	NA	LINC01972
NA	ENSG00000230402	0	NA	NA	NA	NA	LINC01349
NA	ENSG00000230403	0	NA	NA	NA	NA	LINC01066
NA	ENSG00000230404	0	NA	NA	NA	NA	
NA	ENSG00000230405	0	NA	NA	NA	NA	RPS3AP52
NA	ENSG00000230406	0	NA	NA	NA	NA	RPL23P5
NA	ENSG00000230407	0	NA	NA	NA	NA	
101927795	ENSG00000230408	0.32382659	-0.02327302	0.38532134	0.6686071	NA	BZW1-AS1
NA	ENSG00000230409	0.29863895	-0.02292439	0.3852726	0.68753245	NA	TCEA1P2
NA	ENSG00000230411	0	NA	NA	NA	NA	OR3D1P
NA	ENSG00000230415	10.8649465	0.1476928	0.36556576	0.39181603	0.62114503	LINC01786
NA	ENSG00000230416	0	NA	NA	NA	NA	OR5M4P
414243	ENSG00000230417	1.80828967	-0.03351018	0.37750081	0.68003111	NA	LINC00595
100132987	ENSG00000230417	1.80828967	-0.03351018	0.37750081	0.68003111	NA	LINC00595
414243	ENSG00000230417	1.80828967	-0.03351018	0.37750081	0.68003111	NA	LINC00856
100132987	ENSG00000230417	1.80828967	-0.03351018	0.37750081	0.68003111	NA	LINC00856
NA	ENSG00000230418	0	NA	NA	NA	NA	ARL2BPP7
NA	ENSG00000230423	6.13619005	0.01438673	0.37321665	0.87835547	0.9462221	
NA	ENSG00000230424	6.7789052	0.15351546	0.39042649	0.302617	0.52987991	EMC1-AS1

NA	ENSG00000230425	0.16735865	0.01897177	0.38482933	0.78225479	NA	RSUIP1
104169671	ENSG00000230426	99.5575707	-0.00386481	0.2029871	0.98061592	0.99355086	LINC01036
101928098	ENSG00000230427	0.36264879	0.00118959	0.3833663	0.96457681	NA	ALG14-AS1
NA	ENSG00000230428	0	NA	NA	NA	NA	
NA	ENSG00000230432	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000230433	0.30001567	-0.02294458	0.38527538	0.68644887	NA	
NA	ENSG00000230434	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01650
NA	ENSG00000230435	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000230437	0	NA	NA	NA	NA	
NA	ENSG00000230438	6.68268404	0.18436395	0.41042043	0.21558923	0.42640716	SERPINB9P1
NA	ENSG00000230440	0	NA	NA	NA	NA	
102724555	ENSG00000230442	0	NA	NA	NA	NA	ASB15-AS1
NA	ENSG00000230444	25.9103593	-2.0935995	0.61540178	3.64E-05	0.00030858	TFAMP1
NA	ENSG00000230445	28.6920977	0.09200452	0.30411052	0.63313512	0.81467026	LRRC37A6P
NA	ENSG00000230447	0	NA	NA	NA	NA	CTF2P
100499171	ENSG00000230448	0	NA	NA	NA	NA	LINC00276
NA	ENSG00000230449	0.32422381	0.00216432	0.38337757	0.96035969	NA	RPL7P4
NA	ENSG00000230450	0.29863895	-0.02292439	0.3852726	0.68753245	NA	NEK2P4
NA	ENSG00000230451	0	NA	NA	NA	NA	RPS29P6
106144568	ENSG00000230452	0	NA	NA	NA	NA	LINC01381
441459	ENSG00000230453	273.853149	-0.28569772	0.178257	0.07019486	0.19193303	ANKRD18B
NA	ENSG00000230454	69.9103596	0.60275472	0.32507834	0.01350968	0.05308616	
NA	ENSG00000230457	4.02607051	0.0660031	0.37185256	0.57967054	0.77720951	PA2G4P4
NA	ENSG00000230458	0	NA	NA	NA	NA	GPM6BP1
NA	ENSG00000230459	0	NA	NA	NA	NA	
NA	ENSG00000230461	344.397932	0.42096555	0.13128314	0.000644	0.00402042	PROX1-AS1
NA	ENSG00000230465	0	NA	NA	NA	NA	VENTXP4
NA	ENSG00000230468	0	NA	NA	NA	NA	CLUHP5
NA	ENSG00000230469	0	NA	NA	NA	NA	RPL5P26
NA	ENSG00000230470	0	NA	NA	NA	NA	
NA	ENSG00000230471	1.96919639	-0.00496534	0.37714623	0.9461791	NA	
NA	ENSG00000230472	0	NA	NA	NA	NA	
NA	ENSG00000230474	0	NA	NA	NA	NA	ATP6V1G1P7
NA	ENSG00000230476	0	NA	NA	NA	NA	OFD1P9Y
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NA	ENSG00000230481	0	NA	NA	NA	NA	IGKV1OR22-5
NA	ENSG00000230482	1.85373093	-0.02873034	0.37786503	0.7158808	NA	ATP5MC2P3
NA	ENSG00000230483	0	NA	NA	NA	NA	
NA	ENSG00000230484	0	NA	NA	NA	NA	OR51A10P
NA	ENSG00000230485	0	NA	NA	NA	NA	
114796	ENSG00000230487	812.338403	-0.15569279	0.11544395	0.15613372	0.34240003	PSMG3-AS1
100873946	ENSG00000230489	0	NA	NA	NA	NA	VAV3-AS1
NA	ENSG00000230490	0.87313978	-0.01132888	0.38162313	0.82696524	NA	
NA	ENSG00000230491	0.32302308	-0.02325851	0.38531934	0.66929936	NA	SRD5A2P1
NA	ENSG00000230492	0	NA	NA	NA	NA	
NA	ENSG00000230495	0	NA	NA	NA	NA	
NA	ENSG00000230496	0	NA	NA	NA	NA	MTCO2P7
NA	ENSG00000230497	0	NA	NA	NA	NA	EEF1B2P8
NA	ENSG00000230498	5.35464543	-0.2178856	0.45245579	0.0909801	0.23271133	
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NA	ENSG00000230500	0	NA	NA	NA	NA	MKX-AS1
NA	ENSG00000230501	0	NA	NA	NA	NA	ANKRD30BP3
NA	ENSG00000230502	0	NA	NA	NA	NA	
NA	ENSG00000230506	3.0989335	0.04489573	0.37257275	0.67161519	0.83826144	
NA	ENSG00000230507	0	NA	NA	NA	NA	RPL7AP8
NA	ENSG00000230508	0	NA	NA	NA	NA	RPL19P21
100506012	ENSG00000230510	6.74051191	-0.02861764	0.3585372	0.82592698	0.92110125	PPP5D1
439931	ENSG00000230513	109.294724	-0.17379058	0.22331052	0.34172944	0.57180671	THAP7-AS1
NA	ENSG00000230515	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000230516	0	NA	NA	NA	NA	
NA	ENSG00000230519	0	NA	NA	NA	NA	HMGB1P49
NA	ENSG00000230520	0	NA	NA	NA	NA	
NA	ENSG00000230521	0.173124	-0.01911262	0.38486262	0.84537521	NA	
125997	ENSG00000230522	0	NA	NA	NA	NA	MBD3L2
101928460	ENSG00000230523	1.35421024	0.08145287	0.39292243	0.19451998	NA	LINC01756
344875	ENSG00000230524	0.16735865	0.01897177	0.38482933	0.78225479	NA	COL6A4P1
101060019	ENSG00000230525	0	NA	NA	NA	NA	LINC01799
NA	ENSG00000230526	0	NA	NA	NA	NA	
NA	ENSG00000230528	0	NA	NA	NA	NA	NOS2P3
NA	ENSG00000230529	0	NA	NA	NA	NA	CEACAMP9
NA	ENSG00000230530	236.313599	-0.00319685	0.15422222	0.98078208	0.99355086	LIMD1-AS1
NA	ENSG00000230531	0	NA	NA	NA	NA	MTND5P7
NA	ENSG00000230532	0	NA	NA	NA	NA	

NA	ENSG00000230533	0	NA	NA	NA	NA	
NA	ENSG00000230534	1.04259413	-0.04443485	0.38527289	0.40256899	NA	
NA	ENSG00000230535	0	NA	NA	NA	NA	BASP1P1
NA	ENSG00000230536	0.31665767	0.0010528	0.38336611	0.96776582	NA	
NA	ENSG00000230537	4.49396149	0.03447862	0.37053097	0.74931867	0.88205755	
NA	ENSG00000230538	0	NA	NA	NA	NA	PNPLA10P
100874264	ENSG00000230539	0	NA	NA	NA	NA	AOAH-IT1
100359394	ENSG00000230542	0	NA	NA	NA	NA	LINC00102
NA	ENSG00000230543	0	NA	NA	NA	NA	SNX3P1X
NA	ENSG00000230546	0	NA	NA	NA	NA	
NA	ENSG00000230547	0.18922458	0.01954053	0.38488496	0.78225479	NA	HMGB1P11
NA	ENSG00000230548	0	NA	NA	NA	NA	MTND4P27
401447	ENSG00000230549	0	NA	NA	NA	NA	USP17L1
101929441	ENSG00000230550	2.37907009	-0.02255912	0.37412429	0.80461373	NA	ERLNC1
NA	ENSG00000230551	892.317587	-0.30879414	0.11422448	0.00449238	0.02127687	
NA	ENSG00000230552	2.41456163	-0.05099291	0.37642017	0.59931866	NA	
NA	ENSG00000230555	7.9582851	-0.01054068	0.35504606	0.9369553	0.97351594	
NA	ENSG00000230556	0	NA	NA	NA	NA	
NA	ENSG00000230558	0	NA	NA	NA	NA	CEACAMP2
NA	ENSG00000230559	0	NA	NA	NA	NA	RPL17P12
728586	ENSG00000230561	2.89956884	-0.07659492	0.38219304	0.43623274	0.6612819	CCDC192
NA	ENSG00000230562	0	NA	NA	NA	NA	FAM133DP
NA	ENSG00000230563	0	NA	NA	NA	NA	
NA	ENSG00000230564	0	NA	NA	NA	NA	CALM1P2
414208	ENSG00000230565	26.2331722	-0.01570815	0.29131969	0.93256728	0.97195497	ZNF32-AS2
NA	ENSG00000230568	0.16735865	0.01897177	0.38482933	0.78225479	NA	SF3A3P1
NA	ENSG00000230569	0	NA	NA	NA	NA	
NA	ENSG00000230570	0	NA	NA	NA	NA	
NA	ENSG00000230571	0	NA	NA	NA	NA	
NA	ENSG00000230572	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
105376365	ENSG00000230573	0	NA	NA	NA	NA	LINC02639
NA	ENSG00000230575	0	NA	NA	NA	NA	
NA	ENSG00000230576	0	NA	NA	NA	NA	OR6R1P
NA	ENSG00000230578	1.22928904	0.07088712	0.38998114	0.23443291	NA	
NA	ENSG00000230580	0	NA	NA	NA	NA	RPL19P5
NA	ENSG00000230581	1.12704579	-0.00706562	0.38053757	0.90285551	NA	ACTG1P14
729156	ENSG00000230583	7.12308032	0.07800125	0.36123582	0.59283729	0.78702605	GTF2IRD1P1
NA	ENSG00000230584	0	NA	NA	NA	NA	CCT5P2

	NA	ENSG00000230585	0.18922458	0.01954053	0.38488496	0.78225479	NA	PHBP12
	NA	ENSG00000230587	0.49788184	-0.01273938	0.38299404	0.78861686	NA	LINC02580
	NA	ENSG00000230589	0	NA	NA	NA	NA	IMP3P1
100302692		ENSG00000230590	1445.76302	0.00250183	0.08736207	0.97733652	0.99232877	FTX
	NA	ENSG00000230592	0	NA	NA	NA	NA	RPSAP8
	NA	ENSG00000230593	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PPIAP40
	NA	ENSG00000230595	0	NA	NA	NA	NA	RSL24D1P2
	NA	ENSG00000230596	0.65301634	-0.00826404	0.38222046	0.8067639	NA	GPAA1P2
	NA	ENSG00000230597	0	NA	NA	NA	NA	
	NA	ENSG00000230598	0	NA	NA	NA	NA	
	NA	ENSG00000230599	0	NA	NA	NA	NA	
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100505478		ENSG00000230601	0	NA	NA	NA	NA	TEX48
	NA	ENSG00000230603	0	NA	NA	NA	NA	
	NA	ENSG00000230604	0	NA	NA	NA	NA	TSEN15P2
	NA	ENSG00000230605	0	NA	NA	NA	NA	MTCYBP6
	NA	ENSG00000230606	193.153943	0.12482385	0.16954162	0.41234112	0.64005916	
	NA	ENSG00000230607	0	NA	NA	NA	NA	
	NA	ENSG00000230609	0	NA	NA	NA	NA	
	NA	ENSG00000230611	0.32423144	-0.02327627	0.38532184	0.6683741	NA	HMGB1P27
	NA	ENSG00000230612	3.28000629	0.09389289	0.3877651	0.34443124	0.57472798	
	NA	ENSG00000230613	0.53213383	-0.00857344	0.38313468	0.82524639	NA	HM13-AS1
	NA	ENSG00000230614	0	NA	NA	NA	NA	DYNLL1P7
	NA	ENSG00000230615	8.47908958	0.12994293	0.39348524	0.28615509	0.51197736	
	NA	ENSG00000230617	0	NA	NA	NA	NA	
	NA	ENSG00000230618	0	NA	NA	NA	NA	H3P12
	NA	ENSG00000230621	0	NA	NA	NA	NA	
	NA	ENSG00000230622	0.67187887	-0.03832028	0.38687474	0.39936632	NA	UQCRHP1
	NA	ENSG00000230623	0	NA	NA	NA	NA	
	NA	ENSG00000230626	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
	NA	ENSG00000230627	0	NA	NA	NA	NA	
	NA	ENSG00000230628	0	NA	NA	NA	NA	
	NA	ENSG00000230629	0.34746601	0.02370763	0.3853651	0.61987128	NA	RPS23P8
	NA	ENSG00000230630	371.221122	0.10712967	0.12671299	0.37169925	0.60072607	DNM3OS
	NA	ENSG00000230631	0	NA	NA	NA	NA	
	NA	ENSG00000230634	0	NA	NA	NA	NA	
	NA	ENSG00000230635	0.173124	-0.01911262	0.38486262	0.84537521	NA	CYP4F60P
	NA	ENSG00000230636	0	NA	NA	NA	NA	RPL36P1

NA	ENSG00000230637	0	NA	NA	NA	NA	
NA	ENSG00000230638	0.96338116	-0.04632374	0.38502244	0.4031322	NA	
NA	ENSG00000230639	0	NA	NA	NA	NA	VN1R36P
NA	ENSG00000230641	0.36352239	0.02389875	0.38539303	0.60968573	NA	USP12-AS2
NA	ENSG00000230643	0	NA	NA	NA	NA	
NA	ENSG00000230645	0	NA	NA	NA	NA	LINC01818
NA	ENSG00000230646	0	NA	NA	NA	NA	KLF2P2
NA	ENSG00000230647	0	NA	NA	NA	NA	
NA	ENSG00000230648	1.19435702	0.01846971	0.37910681	0.78960606	NA	
NA	ENSG00000230649	0	NA	NA	NA	NA	
NA	ENSG00000230650	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
729121	ENSG00000230651	0	NA	NA	NA	NA	RGPD4-AS1
NA	ENSG00000230654	0	NA	NA	NA	NA	MTCO2P25
NA	ENSG00000230655	0	NA	NA	NA	NA	OR7E55P
5545	ENSG00000230657	0	NA	NA	NA	NA	PRB4
NA	ENSG00000230658	28.809733	-0.17068147	0.32932632	0.38703493	0.61602672	KLHL7-DT
NA	ENSG00000230659	0	NA	NA	NA	NA	
NA	ENSG00000230661	0	NA	NA	NA	NA	YY1P1
NA	ENSG00000230662	0.82966066	0.01866099	0.38139382	0.74062685	NA	TNPO1P2
NA	ENSG00000230663	0	NA	NA	NA	NA	FAM224B
NA	ENSG00000230665	0.16735865	0.01897177	0.38482933	0.78225479	NA	THAP12P1
388550	ENSG00000230666	0	NA	NA	NA	NA	CEACAM22P
646817	ENSG00000230667	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SETSIP
NA	ENSG00000230668	0	NA	NA	NA	NA	
NA	ENSG00000230671	0	NA	NA	NA	NA	NDUFS5P5
NA	ENSG00000230673	0	NA	NA	NA	NA	PABPC1P3
NA	ENSG00000230676	0	NA	NA	NA	NA	
100505975	ENSG00000230679	0.63909775	0.00303949	0.38196015	0.94746594	NA	ENO1-AS1
NA	ENSG00000230680	0	NA	NA	NA	NA	
NA	ENSG00000230681	0	NA	NA	NA	NA	CEACAMP4
NA	ENSG00000230682	0	NA	NA	NA	NA	GRPEL2P3
NA	ENSG00000230683	0.34624801	-0.02356563	0.38536324	0.65270996	NA	DDTP1
NA	ENSG00000230684	0	NA	NA	NA	NA	
NA	ENSG00000230686	0	NA	NA	NA	NA	
NA	ENSG00000230687	0	NA	NA	NA	NA	
NA	ENSG00000230690	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000230691	0	NA	NA	NA	NA	MRPL35P4
NA	ENSG00000230694	0	NA	NA	NA	NA	

NA	ENSG00000230695	0	NA	NA	NA	NA	
NA	ENSG00000230696	0	NA	NA	NA	NA	
NA	ENSG00000230697	0.67141507	0.02660647	0.38369582	0.58081486	NA	SAP18P3
NA	ENSG00000230698	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000230699	521.623182	0.46437427	0.11238228	1.57E-05	0.00014359	
26226	ENSG00000230701	7.98275549	0.10354111	0.36458537	0.49630021	0.714811	FBXW4P1
NA	ENSG00000230702	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL31P30
NA	ENSG00000230703	0	NA	NA	NA	NA	MYOM3-AS1
NA	ENSG00000230704	0	NA	NA	NA	NA	
NA	ENSG00000230706	0	NA	NA	NA	NA	TMEM184CP1
389895	ENSG00000230707	0	NA	NA	NA	NA	
284191	ENSG00000230709	0.34110111	0.02362646	0.38535339	0.62411049	NA	
NA	ENSG00000230710	0	NA	NA	NA	NA	LINC00332
NA	ENSG00000230711	0	NA	NA	NA	NA	CTAGE13P
NA	ENSG00000230712	0.18922458	0.01954053	0.38488496	0.78225479	NA	GGTLC4P
NA	ENSG00000230714	0	NA	NA	NA	NA	
NA	ENSG00000230715	48.2641085	-0.02070491	0.25937468	0.91245828	0.96260718	
NA	ENSG00000230716	0.16735865	0.01897177	0.38482933	0.78225479	NA	KRT8P7
NA	ENSG00000230718	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
105376480	ENSG00000230720	0	NA	NA	NA	NA	LINC02644
NA	ENSG00000230721	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000230724	421.680482	0.43075136	0.127109	0.000329	0.00222319	LINC01001
284798	ENSG00000230725	0	NA	NA	NA	NA	
NA	ENSG00000230727	0	NA	NA	NA	NA	RBMY2WP
NA	ENSG00000230728	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000230729	0	NA	NA	NA	NA	
NA	ENSG00000230730	0	NA	NA	NA	NA	
NA	ENSG00000230731	0.61633178	-0.01507053	0.38330622	0.72556539	NA	
NA	ENSG00000230732	11.1441339	0.14233284	0.36979282	0.39206825	0.62139592	
NA	ENSG00000230733	6.24199454	0.18720343	0.42188334	0.16970489	0.3614153	
NA	ENSG00000230734	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL10P3
NA	ENSG00000230735	0	NA	NA	NA	NA	
339666	ENSG00000230736	8.44557231	0.25230299	0.4397596	0.15424276	0.3394719	
NA	ENSG00000230737	0	NA	NA	NA	NA	
NA	ENSG00000230739	0	NA	NA	NA	NA	
NA	ENSG00000230741	0	NA	NA	NA	NA	
NA	ENSG00000230746	0	NA	NA	NA	NA	
NA	ENSG00000230747	17.9538331	-0.20701021	0.36350821	0.29016924	0.51614542	

NA	ENSG00000230748	0	NA	NA	NA	NA	PRELID1P7
100873998	ENSG00000230749	4.79241699	0.04155325	0.36602951	0.73215562	0.87206385	MEIS1-AS2
NA	ENSG00000230750	0	NA	NA	NA	NA	SDAD1P2
NA	ENSG00000230751	0	NA	NA	NA	NA	
101929746	ENSG00000230753	0	NA	NA	NA	NA	ZNF341-AS1
NA	ENSG00000230755	0	NA	NA	NA	NA	MTATP6P23
NA	ENSG00000230756	0	NA	NA	NA	NA	RHOQP3
NA	ENSG00000230757	0	NA	NA	NA	NA	NFU1P1
NA	ENSG00000230758	0	NA	NA	NA	NA	SNAP23P1
NA	ENSG00000230759	0	NA	NA	NA	NA	
NA	ENSG00000230764	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MTND1P4
101928476	ENSG00000230768	0	NA	NA	NA	NA	LINC01676
NA	ENSG00000230769	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000230772	5.06927773	0.071688	0.37465695	0.53818832	0.74807128	VN1R108P
NA	ENSG00000230773	2.32489958	0.12086781	0.40024135	0.20925363	NA	
NA	ENSG00000230777	0.71837285	0.02271607	0.38382269	0.59743185	NA	RPS29P5
100131244	ENSG00000230778	17.0079529	-0.72990738	0.72288795	0.02336898	0.08251298	ANKRD63
NA	ENSG00000230779	0	NA	NA	NA	NA	
NA	ENSG00000230781	0	NA	NA	NA	NA	
340512	ENSG00000230782	0.83853687	-0.01092323	0.38090175	0.84723999	NA	
NA	ENSG00000230783	0.36291544	0.0014125	0.38336816	0.96247768	NA	RPS3AP13
NA	ENSG00000230785	0	NA	NA	NA	NA	
NA	ENSG00000230787	0	NA	NA	NA	NA	PSAT1P3
NA	ENSG00000230788	0	NA	NA	NA	NA	CTDSPL2P2
100874372	ENSG00000230789	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ARHGAP26-IT1
NA	ENSG00000230790	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000230793	0.87546981	0.01755851	0.3812237	0.75635971	NA	SMARCE1P5
NA	ENSG00000230794	0	NA	NA	NA	NA	
NA	ENSG00000230795	0	NA	NA	NA	NA	HLA-K
NA	ENSG00000230796	0	NA	NA	NA	NA	
404281	ENSG00000230797	88.3005384	-0.06230031	0.20690588	0.71998241	0.86614425	YY2
100996301	ENSG00000230798	0.173733	0.01914545	0.38484597	0.78225479	NA	FOXD3-AS1
NA	ENSG00000230799	2.02626303	0.0138587	0.37440168	0.8765037	NA	RPS2P16
NA	ENSG00000230801	0.65632601	0.00381864	0.38193621	0.93475421	NA	
NA	ENSG00000230803	0	NA	NA	NA	NA	
NA	ENSG00000230804	0	NA	NA	NA	NA	CDRT15P14
NA	ENSG00000230805	33.4571436	2.09769765	0.46362984	3.86E-07	4.69E-06	
100873165	ENSG00000230806	0	NA	NA	NA	NA	SRGAP2-AS1

NA	ENSG00000230807	0	NA	NA	NA	NA	
NA	ENSG00000230809	0	NA	NA	NA	NA	RPS6P15
NA	ENSG00000230813	0	NA	NA	NA	NA	
NA	ENSG00000230814	0	NA	NA	NA	NA	USP9YP24
NA	ENSG00000230815	0	NA	NA	NA	NA	
103283057	ENSG00000230817	0	NA	NA	NA	NA	LINC01362
NA	ENSG00000230818	0	NA	NA	NA	NA	MTND2P16
NA	ENSG00000230819	0	NA	NA	NA	NA	ZNF736P5Y
NA	ENSG00000230820	0	NA	NA	NA	NA	
NA	ENSG00000230821	0	NA	NA	NA	NA	
NA	ENSG00000230823	0.47065492	-0.00687739	0.38321075	0.87305508	NA	CBX1P1
101927354	ENSG00000230825	11.480404	0.04255144	0.34716222	0.78132154	0.90003181	
NA	ENSG00000230826	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000230828	0.85582841	0.06103452	0.39050776	0.22096773	NA	
NA	ENSG00000230829	0	NA	NA	NA	NA	
NA	ENSG00000230830	0	NA	NA	NA	NA	ARPP21-AS1
NA	ENSG00000230831	0	NA	NA	NA	NA	
NA	ENSG00000230832	0.90419472	-0.03873466	0.3871499	0.33610152	NA	SSBL4P
NA	ENSG00000230833	0	NA	NA	NA	NA	RPEP3
NA	ENSG00000230834	0	NA	NA	NA	NA	
NA	ENSG00000230835	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000230836	0.66000591	0.00430777	0.38193761	0.92669311	NA	LINC01293
NA	ENSG00000230837	0	NA	NA	NA	NA	RPL31P2
NA	ENSG00000230838	0	NA	NA	NA	NA	LINC01614
NA	ENSG00000230840	0	NA	NA	NA	NA	
NA	ENSG00000230841	0.34122653	0.02362742	0.38535353	0.62404402	NA	RPL23AP15
NA	ENSG00000230843	0	NA	NA	NA	NA	
NA	ENSG00000230844	61.3507169	-0.18207687	0.26297895	0.35601589	0.58602466	ZNF674-AS1
NA	ENSG00000230845	0	NA	NA	NA	NA	GSTA10P
NA	ENSG00000230846	0	NA	NA	NA	NA	
NA	ENSG00000230847	48.4511148	0.17992533	0.27600953	0.37075115	0.59992683	OCLNP1
NA	ENSG00000230848	0	NA	NA	NA	NA	
NA	ENSG00000230849	0	NA	NA	NA	NA	GOT2P2
NA	ENSG00000230851	0	NA	NA	NA	NA	
NA	ENSG00000230852	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02857
NA	ENSG00000230853	0	NA	NA	NA	NA	RPL10P11
NA	ENSG00000230854	0	NA	NA	NA	NA	USP9YP20
NA	ENSG00000230859	0	NA	NA	NA	NA	YRDCP3

NA	ENSG00000230860	0	NA	NA	NA	NA	CCNB1IP1P2
NA	ENSG00000230863	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000230864	0	NA	NA	NA	NA	
NA	ENSG00000230865	0	NA	NA	NA	NA	TSEN15P1
NA	ENSG00000230866	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02558
NA	ENSG00000230867	0	NA	NA	NA	NA	
NA	ENSG00000230869	30.2333239	-0.02260903	0.28679538	0.90428782	0.9581211	AGAP10P
NA	ENSG00000230870	8.2252657	0.26243162	0.45323806	0.134352	0.30858343	FBXW11P1
NA	ENSG00000230871	0	NA	NA	NA	NA	RPS6P23
105371130	ENSG00000230872	1.05405891	-0.01647234	0.38157366	0.74956605	NA	MFSD13B
401236	ENSG00000230873	0	NA	NA	NA	NA	STMND1
NA	ENSG00000230876	1.04315021	-0.0196945	0.38081861	0.74275788	NA	LINC00486
NA	ENSG00000230879	0	NA	NA	NA	NA	RBMX2P4
NA	ENSG00000230881	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000230882	3.31956533	0.09017548	0.38243276	0.4149715	0.64205213	
NA	ENSG00000230886	0	NA	NA	NA	NA	HMGB1P25
NA	ENSG00000230889	0	NA	NA	NA	NA	SHC1P1
285326	ENSG00000230891	0	NA	NA	NA	NA	LINC00692
NA	ENSG00000230894	1.00846064	0.02868618	0.38185564	0.62944594	NA	
NA	ENSG00000230896	7.19183356	-0.11658754	0.37360955	0.4253316	0.65112492	
NA	ENSG00000230897	0	NA	NA	NA	NA	RPS18P12
NA	ENSG00000230898	0	NA	NA	NA	NA	
NA	ENSG00000230899	0	NA	NA	NA	NA	MAGEA8-AS1
NA	ENSG00000230902	0	NA	NA	NA	NA	FAM204CP
NA	ENSG00000230908	0	NA	NA	NA	NA	
NA	ENSG00000230910	209.565642	0.28037861	0.17460472	0.07184635	0.19526459	
NA	ENSG00000230911	0.91613845	-0.0388117	0.38466772	0.45774437	NA	PPIHP1
NA	ENSG00000230912	0.83006896	0.0288881	0.38433259	0.51565379	NA	
NA	ENSG00000230913	0	NA	NA	NA	NA	NPM1P51
NA	ENSG00000230914	0.18922458	0.01954053	0.38488496	0.78225479	NA	KIF19BP
NA	ENSG00000230916	0	NA	NA	NA	NA	MTCO1P53
100131604	ENSG00000230918	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DPP4-DT
NA	ENSG00000230920	0	NA	NA	NA	NA	
100874270	ENSG00000230921	0	NA	NA	NA	NA	HAO2-IT1
101927551	ENSG00000230922	3.99091607	-0.2468167	0.48689455	0.04598379	0.13958359	
150992	ENSG00000230923	0	NA	NA	NA	NA	LINC00309
NA	ENSG00000230926	0	NA	NA	NA	NA	
105375396	ENSG00000230927	0.33822593	-0.0058943	0.38347936	0.96279235	NA	TMBIM7P

NA	ENSG00000230928	0.89442094	0.06440653	0.39121342	0.20295148	NA	
NA	ENSG00000230929	1.17974076	0.01644918	0.38015769	0.79392029	NA	
NA	ENSG00000230931	0	NA	NA	NA	NA	GXYLT1P1
NA	ENSG00000230932	0	NA	NA	NA	NA	
NA	ENSG00000230934	0	NA	NA	NA	NA	
NA	ENSG00000230935	0	NA	NA	NA	NA	RPS3P1
NA	ENSG00000230936	0	NA	NA	NA	NA	
642587	ENSG00000230937	0	NA	NA	NA	NA	MIR205HG
NA	ENSG00000230941	0	NA	NA	NA	NA	
NA	ENSG00000230942	0	NA	NA	NA	NA	HMG1P5
101927686	ENSG00000230943	0	NA	NA	NA	NA	LINC02541
NA	ENSG00000230944	0	NA	NA	NA	NA	
NA	ENSG00000230945	0	NA	NA	NA	NA	LINC01507
NA	ENSG00000230946	2.56056527	0.02666085	0.37431796	0.77393112	NA	HNRNPA1P68
NA	ENSG00000230947	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000230948	0	NA	NA	NA	NA	AURKBP1
NA	ENSG00000230950	0.47463924	-0.03512944	0.38629179	0.49497116	NA	MTND2P21
NA	ENSG00000230951	0	NA	NA	NA	NA	GPS2P2
NA	ENSG00000230952	0	NA	NA	NA	NA	
NA	ENSG00000230953	0	NA	NA	NA	NA	
NA	ENSG00000230955	0	NA	NA	NA	NA	
NA	ENSG00000230956	0	NA	NA	NA	NA	CAPZA1P1
NA	ENSG00000230958	0	NA	NA	NA	NA	
154449	ENSG00000230960	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101929684	ENSG00000230962	0	NA	NA	NA	NA	LINC01520
NA	ENSG00000230965	17.9474189	0.23322284	0.36890956	0.25115353	0.47110579	SNX18P13
NA	ENSG00000230967	0	NA	NA	NA	NA	
NA	ENSG00000230968	0	NA	NA	NA	NA	
105371562	ENSG00000230969	0	NA	NA	NA	NA	LINC02090
100874044	ENSG00000230970	0	NA	NA	NA	NA	HHATL-AS1
NA	ENSG00000230972	0	NA	NA	NA	NA	
NA	ENSG00000230973	0	NA	NA	NA	NA	
NA	ENSG00000230975	0	NA	NA	NA	NA	
NA	ENSG00000230977	0	NA	NA	NA	NA	
54064	ENSG00000230978	0	NA	NA	NA	NA	LINC00160
NA	ENSG00000230979	0.7092622	0.00430289	0.38183826	0.9276696	NA	
NA	ENSG00000230980	0	NA	NA	NA	NA	RPL36AP39
NA	ENSG00000230982	25.4481235	-0.04306619	0.29603044	0.81940074	0.91764002	DSTNP1

NA	ENSG00000230986	0	NA	NA	NA	NA	DDX3P2
NA	ENSG00000230987	0	NA	NA	NA	NA	
NA	ENSG00000230988	0	NA	NA	NA	NA	RPL23AP11
3281	ENSG00000230989	2849.59255	-0.43591652	0.07608457	4.90E-09	7.69E-08	HSBP1
NA	ENSG00000230990	0	NA	NA	NA	NA	
NA	ENSG00000230991	0	NA	NA	NA	NA	
NA	ENSG00000230992	9.974799	0.27372275	0.45383242	0.13527275	0.30983738	FAM201B
NA	ENSG00000230993	1.00570418	0.00268338	0.3799712	0.96481212	NA	RPL12P15
NA	ENSG00000230994	0	NA	NA	NA	NA	FGFR3P1
NA	ENSG00000230997	0	NA	NA	NA	NA	RAB42P1
NA	ENSG00000230999	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MTND5P8
NA	ENSG00000231001	0	NA	NA	NA	NA	CCNB1IP1P3
NA	ENSG00000231004	0	NA	NA	NA	NA	CECR9
NA	ENSG00000231005	0	NA	NA	NA	NA	RPL39P39
NA	ENSG00000231006	0.66410415	0.00233329	0.38131257	0.96293752	NA	RPL7P32
NA	ENSG00000231007	1.93194663	0.03706293	0.38000242	0.6199728	NA	CDC20P1
NA	ENSG00000231009	0	NA	NA	NA	NA	CUBNP1
NA	ENSG00000231010	5.98502359	-0.02557286	0.36139005	0.83857557	0.92674595	
NA	ENSG00000231011	0	NA	NA	NA	NA	
107105282	ENSG00000231013	0.60003489	-0.03562272	0.38653687	0.43872369	NA	SCTR-AS1
NA	ENSG00000231015	0	NA	NA	NA	NA	
NA	ENSG00000231017	0	NA	NA	NA	NA	RPS27P10
NA	ENSG00000231018	0	NA	NA	NA	NA	EIF4A1P3
105370306	ENSG00000231019	0	NA	NA	NA	NA	LINC00373
NA	ENSG00000231020	0	NA	NA	NA	NA	
NA	ENSG00000231022	0.51493613	0.03110336	0.38605162	0.47808476	NA	RPS3AP9
285735	ENSG00000231023	0	NA	NA	NA	NA	LINC00326
NA	ENSG00000231024	0	NA	NA	NA	NA	
NA	ENSG00000231026	0	NA	NA	NA	NA	XKRYP4
100131814	ENSG00000231028	17.5878022	-0.18148152	0.36626046	0.32798039	0.55648815	LINC00271
NA	ENSG00000231029	0	NA	NA	NA	NA	
101926966	ENSG00000231031	0	NA	NA	NA	NA	LINC01804
NA	ENSG00000231032	0	NA	NA	NA	NA	CEP19P1
NA	ENSG00000231034	0	NA	NA	NA	NA	
NA	ENSG00000231035	0	NA	NA	NA	NA	RPL7L1P9
NA	ENSG00000231039	0	NA	NA	NA	NA	
NA	ENSG00000231040	0	NA	NA	NA	NA	LINC01911
NA	ENSG00000231043	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

NA	ENSG00000231046	0	NA	NA	NA	NA	
NA	ENSG00000231047	0	NA	NA	NA	NA	GCNT1P3
NA	ENSG00000231049	0	NA	NA	NA	NA	OR52B5P
NA	ENSG00000231050	0.85424706	0.04466753	0.38510302	0.41720146	NA	
NA	ENSG00000231052	0	NA	NA	NA	NA	
NA	ENSG00000231053	0	NA	NA	NA	NA	TRAPPC2LP1
NA	ENSG00000231054	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000231056	0.53230745	0.03194778	0.38613586	0.465701	NA	LINC02522
NA	ENSG00000231057	2.52973887	0.11990784	0.40312491	0.15331028	NA	
NA	ENSG00000231058	0	NA	NA	NA	NA	MSANTD2P1
NA	ENSG00000231060	0	NA	NA	NA	NA	FARSBP1
100874157	ENSG00000231061	0	NA	NA	NA	NA	LINC00395
NA	ENSG00000231062	0	NA	NA	NA	NA	
NA	ENSG00000231063	0.49913562	0.01181549	0.38340466	0.77615718	NA	RPL6P6
NA	ENSG00000231064	36.8184295	0.2457492	0.31068096	0.24356438	0.46198062	THBS3-AS1
NA	ENSG00000231066	9.35032133	-0.10428596	0.36135373	0.50347612	0.7201331	NPM1P9
100288323	ENSG00000231068	0	NA	NA	NA	NA	KRTAP21-3
NA	ENSG00000231069	0	NA	NA	NA	NA	
NA	ENSG00000231070	0	NA	NA	NA	NA	OR52Y1P
NA	ENSG00000231071	0	NA	NA	NA	NA	IDI1P3
NA	ENSG00000231072	0	NA	NA	NA	NA	GAPDHP64
NA	ENSG00000231073	0	NA	NA	NA	NA	
414777	ENSG00000231074	1865.08506	-0.09343966	0.08343815	0.25055608	0.47053941	HCG18
NA	ENSG00000231078	0	NA	NA	NA	NA	
NA	ENSG00000231079	8.18303297	0.08945849	0.35858394	0.56006165	0.76415299	KIF5C-AS1
NA	ENSG00000231080	0	NA	NA	NA	NA	
NA	ENSG00000231081	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
105378386	ENSG00000231082	0	NA	NA	NA	NA	LINC02655
NA	ENSG00000231083	0	NA	NA	NA	NA	
NA	ENSG00000231084	2.83291055	0.00680804	0.36913063	0.94987019	0.97933922	RPL22P24
NA	ENSG00000231086	2.28174798	-0.00807977	0.37429895	0.92521679	NA	TSSK1A
NA	ENSG00000231087	0.87492055	0.03870503	0.38481984	0.44387587	NA	FDPS7
109729135	ENSG00000231090	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MIR4422HG
NA	ENSG00000231092	1.28286514	-0.05914159	0.3879883	0.29090284	NA	
NA	ENSG00000231093	0	NA	NA	NA	NA	TRMT1P1
NA	ENSG00000231095	0	NA	NA	NA	NA	GYG1P3
NA	ENSG00000231096	0	NA	NA	NA	NA	NDUFB4P3
NA	ENSG00000231098	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

NA	ENSG00000231099	0	NA	NA	NA	NA	BMS1P19
NA	ENSG00000231100	0	NA	NA	NA	NA	
NA	ENSG00000231102	0	NA	NA	NA	NA	
NA	ENSG00000231103	0	NA	NA	NA	NA	PRAMEF30P
NA	ENSG00000231104	5.35870628	0.00998614	0.3577937	0.94174184	0.97592427	
100506801	ENSG00000231105	19.3685421	0.63385523	0.63959754	0.03182144	0.10506528	ECE1-AS1
NA	ENSG00000231106	0	NA	NA	NA	NA	LINC01436
101927873	ENSG00000231107	0	NA	NA	NA	NA	LINC01508
NA	ENSG00000231108	0	NA	NA	NA	NA	PRELID3BP11
105373343	ENSG00000231110	0	NA	NA	NA	NA	
NA	ENSG00000231112	0	NA	NA	NA	NA	MTHFD2P3
NA	ENSG00000231113	13.8279057	0.00091679	0.32852025	0.99773905	0.99926338	
NA	ENSG00000231114	0.173733	0.01914545	0.38484597	0.78225479	NA	
101927377	ENSG00000231119	1.17340639	-0.0084782	0.37861366	0.90173358	NA	
NA	ENSG00000231120	0	NA	NA	NA	NA	BTF3P10
643479	ENSG00000231122	0	NA	NA	NA	NA	FAM25E
NA	ENSG00000231123	0	NA	NA	NA	NA	SPATA20P1
NA	ENSG00000231124	0	NA	NA	NA	NA	UBE2V1P11
NA	ENSG00000231125	4.29442492	0.03653864	0.37037134	0.73812797	0.87628404	
NA	ENSG00000231128	0	NA	NA	NA	NA	
NA	ENSG00000231130	0	NA	NA	NA	NA	HLA-T
101928687	ENSG00000231131	0.38406468	0.02394353	0.3854026	0.61484686	NA	LNCAROD
105378305	ENSG00000231131	0.38406468	0.02394353	0.3854026	0.61484686	NA	LNCAROD
NA	ENSG00000231132	0	NA	NA	NA	NA	
768097	ENSG00000231133	0	NA	NA	NA	NA	HAR1B
100874334	ENSG00000231134	0	NA	NA	NA	NA	TCF7L1-IT1
NA	ENSG00000231136	0	NA	NA	NA	NA	
NA	ENSG00000231137	0	NA	NA	NA	NA	RBM22P5
NA	ENSG00000231138	0	NA	NA	NA	NA	
NA	ENSG00000231139	0	NA	NA	NA	NA	
NA	ENSG00000231140	0	NA	NA	NA	NA	
NA	ENSG00000231143	0	NA	NA	NA	NA	
NA	ENSG00000231144	0	NA	NA	NA	NA	EEF1A1P40
NA	ENSG00000231147	0	NA	NA	NA	NA	ARHGAP42P2
NA	ENSG00000231148	0	NA	NA	NA	NA	HMGB1P7
NA	ENSG00000231149	0	NA	NA	NA	NA	
NA	ENSG00000231150	0	NA	NA	NA	NA	DNAH8-AS1
NA	ENSG00000231152	0	NA	NA	NA	NA	MTND2P15

NA	ENSG00000231153	0	NA	NA	NA	NA	
NA	ENSG00000231154	15.1931956	-0.03544878	0.32224258	0.84013449	0.92740601	MORF4L2-AS1
NA	ENSG00000231156	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000231158	0	NA	NA	NA	NA	PTP4A1P1
NA	ENSG00000231159	0	NA	NA	NA	NA	OFD1P8Y
NA	ENSG00000231160	82.7715735	1.31444202	0.28600516	3.65E-07	4.46E-06	KLF3-AS1
NA	ENSG00000231162	3.39869451	0.10426249	0.38608357	0.36141696	0.59123619	COX11P1
402779	ENSG00000231163	0	NA	NA	NA	NA	CSMD2-AS1
NA	ENSG00000231164	0	NA	NA	NA	NA	RPL7P56
NA	ENSG00000231165	6.14941373	-0.10666365	0.37251737	0.45118968	0.67453091	TRBV26OR9-2
107987035	ENSG00000231166	0	NA	NA	NA	NA	TUBB4BP6
NA	ENSG00000231167	2.01810799	0.06436101	0.38204262	0.46705439	NA	YBX1P2
NA	ENSG00000231169	0.16735865	0.01897177	0.38482933	0.78225479	NA	EEF1B2P1
NA	ENSG00000231170	1.9972922	0.09004986	0.39335791	0.2233739	NA	
285501	ENSG00000231171	0	NA	NA	NA	NA	LINC01098
101927884	ENSG00000231172	0	NA	NA	NA	NA	EVA1A-AS
NA	ENSG00000231173	0	NA	NA	NA	NA	
440704	ENSG00000231175	0	NA	NA	NA	NA	LINC01720
84657	ENSG00000231177	13.3005631	-0.25850239	0.41114353	0.18802123	0.38838712	LINC00852
NA	ENSG00000231178	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000231181	2.69889828	-0.12256774	0.40123374	0.19908538	0.40354045	
NA	ENSG00000231183	0	NA	NA	NA	NA	
NA	ENSG00000231184	0	NA	NA	NA	NA	CCNQP3
101926941	ENSG00000231185	27.1859288	0.17995659	0.32260733	0.37165998	0.60071152	SPRY4-AS1
102724593	ENSG00000231187	77.7832654	0.20269074	0.30037968	0.32124458	0.54896575	
NA	ENSG00000231188	0	NA	NA	NA	NA	
NA	ENSG00000231189	0	NA	NA	NA	NA	
26341	ENSG00000231192	0	NA	NA	NA	NA	OR5H1
NA	ENSG00000231193	1.11560239	-0.00374439	0.37972022	0.95194011	NA	
NA	ENSG00000231194	0.173733	0.01914545	0.38484597	0.78225479	NA	FARP1-AS1
NA	ENSG00000231195	0	NA	NA	NA	NA	IFNA11P
NA	ENSG00000231198	0	NA	NA	NA	NA	
NA	ENSG00000231199	0	NA	NA	NA	NA	MTND5P19
NA	ENSG00000231201	0	NA	NA	NA	NA	
NA	ENSG00000231202	0	NA	NA	NA	NA	TRGVB
NA	ENSG00000231203	0	NA	NA	NA	NA	KRT8P10
NA	ENSG00000231204	0	NA	NA	NA	NA	
NA	ENSG00000231205	345.865048	0.08469385	0.14754537	0.53461793	0.74572704	ZNF826P

NA	ENSG00000231206	0.63982339	0.00323688	0.38196162	0.94417483	NA	HNRNPA1P25
NA	ENSG00000231207	0	NA	NA	NA	NA	
NA	ENSG00000231208	0	NA	NA	NA	NA	ZBTB46-AS1
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NA	ENSG00000231211	0	NA	NA	NA	NA	RPL17P49
NA	ENSG00000231212	1.81253507	0.020944	0.37662587	0.79859357	NA	
389158	ENSG00000231213	0	NA	NA	NA	NA	PLSCR5
100093698	ENSG00000231216	0	NA	NA	NA	NA	
NA	ENSG00000231219	0	NA	NA	NA	NA	PRAMEF32P
107178918	ENSG00000231221	0	NA	NA	NA	NA	LINC01593
NA	ENSG00000231222	0	NA	NA	NA	NA	ARF4P4
104533120	ENSG00000231226	0	NA	NA	NA	NA	TRIM31-AS1
NA	ENSG00000231227	0	NA	NA	NA	NA	
NA	ENSG00000231228	0	NA	NA	NA	NA	ARPP19P1
NA	ENSG00000231231	0	NA	NA	NA	NA	LINC01423
NA	ENSG00000231232	0	NA	NA	NA	NA	
NA	ENSG00000231233	5.71762496	-0.17763444	0.41309176	0.19807031	0.40234616	CFAP58-DT
NA	ENSG00000231234	0.33471731	0.02354391	0.38534154	0.62842204	NA	SKP1P1
NA	ENSG00000231235	0	NA	NA	NA	NA	CTNBNB1P1
NA	ENSG00000231236	3.58582249	0.0085793	0.36769144	0.93934318	0.97474024	
NA	ENSG00000231237	0	NA	NA	NA	NA	OR6K1P
NA	ENSG00000231238	0	NA	NA	NA	NA	LINC00349
NA	ENSG00000231240	0	NA	NA	NA	NA	KLF2P1
NA	ENSG00000231241	0	NA	NA	NA	NA	RPS3AP3
NA	ENSG00000231243	0	NA	NA	NA	NA	
NA	ENSG00000231244	0	NA	NA	NA	NA	PSMC1P3
NA	ENSG00000231245	16.6719357	-0.19397535	0.36824528	0.30530891	0.53274659	C1DPI
105378909	ENSG00000231246	0	NA	NA	NA	NA	LINC02884
NA	ENSG00000231248	0	NA	NA	NA	NA	FAM242D
NA	ENSG00000231249	14.0688355	0.00297992	0.3283525	0.98806831	0.99589897	ITPR1-DT
NA	ENSG00000231251	0	NA	NA	NA	NA	
101926964	ENSG00000231252	24.7772626	0.36027077	0.40254774	0.11885797	0.28319227	
105373006	ENSG00000231253	0.34331046	-0.0234271	0.38534484	0.65994669	NA	LINC01640
NA	ENSG00000231254	0	NA	NA	NA	NA	PCED1CP
NA	ENSG00000231255	0.66904206	0.00165325	0.38188214	0.97098755	NA	
284067	ENSG00000231256	1.33222935	-0.04710497	0.3869078	0.32628384	NA	CFAP97D1
NA	ENSG00000231258	0	NA	NA	NA	NA	ZSWIM5P2
NA	ENSG00000231259	3.64839308	0.03068396	0.38661299	0.16883843	0.36026614	ANAPC1P2

NA	ENSG00000231261	0	NA	NA	NA	NA	HMG2P10
NA	ENSG00000231264	0	NA	NA	NA	NA	ARAF1
NA	ENSG00000231265	0	NA	NA	NA	NA	TRERNA1
NA	ENSG00000231266	0	NA	NA	NA	NA	
NA	ENSG00000231270	0	NA	NA	NA	NA	COBLP1
NA	ENSG00000231271	0	NA	NA	NA	NA	
NA	ENSG00000231272	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100130827	ENSG00000231274	0	NA	NA	NA	NA	SBK3
NA	ENSG00000231276	0	NA	NA	NA	NA	E2F4P1
NA	ENSG00000231278	0	NA	NA	NA	NA	OR9S24P
NA	ENSG00000231280	0	NA	NA	NA	NA	SALL4P6
149773	ENSG00000231290	5.28871653	0.39369965	0.68470063	0.02040163	0.07399787	APCDD1L-DT
NA	ENSG00000231291	0	NA	NA	NA	NA	
NA	ENSG00000231292	0	NA	NA	NA	NA	IGKV1OR2-108
NA	ENSG00000231293	0	NA	NA	NA	NA	RPL36AP6
NA	ENSG00000231295	0	NA	NA	NA	NA	
NA	ENSG00000231296	0.66486583	-0.02232878	0.38257532	0.64873537	NA	
NA	ENSG00000231297	0	NA	NA	NA	NA	
100216001	ENSG00000231298	0	NA	NA	NA	NA	MANCR
NA	ENSG00000231299	0	NA	NA	NA	NA	SEPTIN14P24
NA	ENSG00000231300	0	NA	NA	NA	NA	EZH2P1
NA	ENSG00000231301	0	NA	NA	NA	NA	RPL13AP
NA	ENSG00000231302	0	NA	NA	NA	NA	RPL36P2
100874028	ENSG00000231304	7.4747832	0.04044298	0.35352928	0.7817766	0.90040914	SGO1-AS1
101927829	ENSG00000231304	7.4747832	0.04044298	0.35352928	0.7817766	0.90040914	SGO1-AS1
NA	ENSG00000231305	85.000433	-0.03771642	0.2296189	0.83625982	0.92539432	
NA	ENSG00000231307	2.69425227	0.11589681	0.3978951	0.23047662	0.44641766	RPS3P2
NA	ENSG00000231310	0	NA	NA	NA	NA	TBL1XR1-AS1
NA	ENSG00000231311	0	NA	NA	NA	NA	PRYP2
NA	ENSG00000231312	86.4530157	-0.10007346	0.21634385	0.57773524	0.77605301	MAP4K3-DT
NA	ENSG00000231313	0	NA	NA	NA	NA	CLIC1P1
NA	ENSG00000231316	0	NA	NA	NA	NA	
NA	ENSG00000231317	0	NA	NA	NA	NA	
399670	ENSG00000231322	0	NA	NA	NA	NA	RPL13AP17
NA	ENSG00000231324	0	NA	NA	NA	NA	
105376348	ENSG00000231326	0	NA	NA	NA	NA	LINC02662
100133985	ENSG00000231327	29.8915953	0.00371649	0.28404818	0.98627052	0.99540871	LINC01816
NA	ENSG00000231328	0	NA	NA	NA	NA	TPT1P7

NA	ENSG00000231329	0.46701492	-0.00652513	0.38320501	0.87914068	NA	
NA	ENSG00000231331	0	NA	NA	NA	NA	
NA	ENSG00000231332	0	NA	NA	NA	NA	OOEP-AS1
NA	ENSG00000231333	2.34767863	0.04317938	0.37529321	0.65549335	NA	RPL34P6
NA	ENSG00000231334	0	NA	NA	NA	NA	EML6-AS1
NA	ENSG00000231336	0	NA	NA	NA	NA	
NA	ENSG00000231340	28.6122962	0.04051144	0.29986965	0.83243087	0.92392457	ACTG1P10
NA	ENSG00000231341	0	NA	NA	NA	NA	VDAC1P6
NA	ENSG00000231344	0.32555893	0.00208796	0.38337645	0.96032119	NA	
NA	ENSG00000231345	241.159614	-0.06940401	0.14278352	0.59953678	0.79057618	BEND3P1
NA	ENSG00000231346	0.87574529	-0.00734326	0.38070708	0.89710882	NA	LINC01160
NA	ENSG00000231349	0	NA	NA	NA	NA	
NA	ENSG00000231351	0	NA	NA	NA	NA	WBP1P1
NA	ENSG00000231353	0	NA	NA	NA	NA	
NA	ENSG00000231355	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000231356	0	NA	NA	NA	NA	MTFR1P1
NA	ENSG00000231357	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000231358	0	NA	NA	NA	NA	
NA	ENSG00000231359	1.36312727	0.00789364	0.37795494	0.91344006	NA	
NA	ENSG00000231361	0	NA	NA	NA	NA	RPS29P23
NA	ENSG00000231362	0	NA	NA	NA	NA	
NA	ENSG00000231364	0	NA	NA	NA	NA	LINC01712
101929147	ENSG00000231365	167.548811	0.37123623	0.17931863	0.01997545	0.07288434	WARS2-AS1
NA	ENSG00000231366	0	NA	NA	NA	NA	RPS26P40
101929596	ENSG00000231367	0	NA	NA	NA	NA	LINC02613
NA	ENSG00000231368	0	NA	NA	NA	NA	RPSAP40
NA	ENSG00000231369	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000231371	0	NA	NA	NA	NA	AKR1B1P8
NA	ENSG00000231373	0	NA	NA	NA	NA	GNA14-AS1
NA	ENSG00000231375	0	NA	NA	NA	NA	CDY17P
NA	ENSG00000231376	0	NA	NA	NA	NA	HMG2P16
NA	ENSG00000231378	0	NA	NA	NA	NA	NDUFA4P4
NA	ENSG00000231381	5.06193259	-0.16966513	0.41039969	0.20581188	0.41287236	RNF2P1
NA	ENSG00000231382	0	NA	NA	NA	NA	NBPF21P
100873986	ENSG00000231383	0	NA	NA	NA	NA	FGF12-AS1
NA	ENSG00000231384	0	NA	NA	NA	NA	
NA	ENSG00000231386	1.61569663	0.02570121	0.37856623	0.73092879	NA	MOB4P1
NA	ENSG00000231388	0	NA	NA	NA	NA	FMN2P1

3113	ENSG00000231389	1.96191012	0.03222328	0.3776023	0.6910703	NA	HLA-DPA1
NA	ENSG00000231390	0	NA	NA	NA	NA	SNX18P8
NA	ENSG00000231392	0	NA	NA	NA	NA	
NA	ENSG00000231393	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000231394	0	NA	NA	NA	NA	
NA	ENSG00000231395	3.33092395	-0.03620285	0.36995641	0.7383694	0.87630444	ARL4AP4
100287144	ENSG00000231396	0	NA	NA	NA	NA	USP17L10
NA	ENSG00000231397	0	NA	NA	NA	NA	
NA	ENSG00000231398	0	NA	NA	NA	NA	
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NA	ENSG00000231401	0	NA	NA	NA	NA	
NA	ENSG00000231402	0	NA	NA	NA	NA	WASF5P
NA	ENSG00000231403	0	NA	NA	NA	NA	
NA	ENSG00000231404	0	NA	NA	NA	NA	RAC1P3
NA	ENSG00000231405	0.44956682	-0.02729151	0.38571239	0.5620531	NA	
NA	ENSG00000231407	1.21230394	-0.02044976	0.38119833	0.62535284	NA	GORAB-AS1
NA	ENSG00000231409	0	NA	NA	NA	NA	
NA	ENSG00000231411	0	NA	NA	NA	NA	DUX4L31
NA	ENSG00000231412	0	NA	NA	NA	NA	
NA	ENSG00000231413	0	NA	NA	NA	NA	
NA	ENSG00000231414	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL39P15
NA	ENSG00000231416	0	NA	NA	NA	NA	
NA	ENSG00000231417	0	NA	NA	NA	NA	IRX1P1
105375224	ENSG00000231418	0	NA	NA	NA	NA	
154822	ENSG00000231419	0	NA	NA	NA	NA	LINC00689
105373683	ENSG00000231420	0	NA	NA	NA	NA	LINC01817
NA	ENSG00000231421	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000231422	0	NA	NA	NA	NA	LINC01516
NA	ENSG00000231423	0	NA	NA	NA	NA	RAB9AP5
NA	ENSG00000231424	0	NA	NA	NA	NA	
NA	ENSG00000231426	0	NA	NA	NA	NA	FILNC1
102723605	ENSG00000231427	0	NA	NA	NA	NA	LINC01445
104355146	ENSG00000231428	0	NA	NA	NA	NA	LINC00396
440910	ENSG00000231431	0	NA	NA	NA	NA	FAR2P4
NA	ENSG00000231434	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HSP90AA3P
NA	ENSG00000231436	0	NA	NA	NA	NA	RBM3AP
643355	ENSG00000231437	0	NA	NA	NA	NA	LINC01750
100132169	ENSG00000231439	74.4207462	-0.12626221	0.23537131	0.49943364	0.71682702	WASIR2

NA	ENSG00000231440	0	NA	NA	NA	NA	
NA	ENSG00000231441	4.96274002	0.02069375	0.36496223	0.86249816	0.93899493	DST-AS1
NA	ENSG00000231442	0	NA	NA	NA	NA	LARP1BP1
NA	ENSG00000231443	8.40570008	0.00829988	0.34586407	0.95845667	0.98288396	
NA	ENSG00000231445	0	NA	NA	NA	NA	TIMM8AP1
NA	ENSG00000231447	1.09769162	-0.02379117	0.38172231	0.67771502	NA	
NA	ENSG00000231449	0	NA	NA	NA	NA	
285084	ENSG00000231453	0	NA	NA	NA	NA	LINC01305
NA	ENSG00000231454	0	NA	NA	NA	NA	
NA	ENSG00000231458	0	NA	NA	NA	NA	RNASEH1P2
NA	ENSG00000231460	0.6418597	-0.02125494	0.38318517	0.66470934	NA	
NA	ENSG00000231461	0	NA	NA	NA	NA	HLA-DPA2
NA	ENSG00000231464	0.59803558	-0.03500808	0.38647864	0.4435264	NA	
NA	ENSG00000231466	17.6463954	-0.32776801	0.42908421	0.13387849	0.30803075	
NA	ENSG00000231467	0	NA	NA	NA	NA	
NA	ENSG00000231468	1.39387008	0.00610637	0.37787273	0.93319101	NA	PRDX3P2
NA	ENSG00000231470	0	NA	NA	NA	NA	HMGB3P2
NA	ENSG00000231471	0	NA	NA	NA	NA	HMG2P34
100862704	ENSG00000231473	5.0851675	0.16607764	0.41113099	0.19731909	0.40124024	RB1-DT
NA	ENSG00000231475	0	NA	NA	NA	NA	IGHV4-31
NA	ENSG00000231476	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000231477	0	NA	NA	NA	NA	
NA	ENSG00000231478	0	NA	NA	NA	NA	FCF1P9
NA	ENSG00000231480	0	NA	NA	NA	NA	SNRPGP13
NA	ENSG00000231482	0.32327181	0.00158026	0.38337041	0.96595239	NA	
NA	ENSG00000231484	0	NA	NA	NA	NA	
NA	ENSG00000231487	0	NA	NA	NA	NA	
NA	ENSG00000231489	0	NA	NA	NA	NA	
NA	ENSG00000231490	0	NA	NA	NA	NA	RPL7L1P2
NA	ENSG00000231491	0	NA	NA	NA	NA	JKAMPP1
NA	ENSG00000231492	0	NA	NA	NA	NA	
NA	ENSG00000231494	0	NA	NA	NA	NA	RPL21P35
NA	ENSG00000231495	0	NA	NA	NA	NA	
NA	ENSG00000231496	0	NA	NA	NA	NA	
6222	ENSG00000231500	27975.7954	-0.06304867	0.05518497	0.29143824	0.51742125	RPS18
NA	ENSG00000231501	0	NA	NA	NA	NA	MTND4LP1
NA	ENSG00000231503	1.13418331	-0.04929945	0.38607369	0.35795275	NA	PTMAP4
NA	ENSG00000231504	0	NA	NA	NA	NA	NMD3P2

NA	ENSG00000231505	0	NA	NA	NA	NA	
NA	ENSG00000231507	0	NA	NA	NA	NA	LINC01353
NA	ENSG00000231508	0	NA	NA	NA	NA	RPL34P20
NA	ENSG00000231509	0	NA	NA	NA	NA	
NA	ENSG00000231510	0	NA	NA	NA	NA	LINC02782
NA	ENSG00000231512	0	NA	NA	NA	NA	SEPTIN14P21
NA	ENSG00000231513	0	NA	NA	NA	NA	E2F6P4
NA	ENSG00000231514	0	NA	NA	NA	NA	CCNQP2
NA	ENSG00000231515	0.60015183	-0.03510516	0.38648965	0.44217352	NA	
NA	ENSG00000231516	0	NA	NA	NA	NA	CBX1P5
NA	ENSG00000231519	0.54962618	0.03278183	0.38622204	0.45369622	NA	
105376171	ENSG00000231521	1.31824426	-0.01949668	0.37870692	0.78484292	NA	
NA	ENSG00000231523	0	NA	NA	NA	NA	SEPTIN14P1
NA	ENSG00000231525	0	NA	NA	NA	NA	
105379444	ENSG00000231527	209.722514	-0.08691335	0.15323731	0.53250502	0.7437975	FAM27C
286333	ENSG00000231528	23.0662594	-0.06070893	0.34530463	0.70306245	0.85721088	FAM225A
NA	ENSG00000231529	0	NA	NA	NA	NA	LINC02779
NA	ENSG00000231530	0.36328335	0.00167212	0.38337074	0.96003178	NA	
NA	ENSG00000231531	0	NA	NA	NA	NA	HINT1P1
727982	ENSG00000231532	0	NA	NA	NA	NA	LINC01249
NA	ENSG00000231533	1.8880334	0.01098947	0.3762009	0.89180451	NA	
NA	ENSG00000231534	0.37844916	0.02407552	0.3854191	0.60038877	NA	FBXO36-IT1
100873962	ENSG00000231535	0	NA	NA	NA	NA	LINC00278
NA	ENSG00000231536	0.36290047	0.02389439	0.38539234	0.60999334	NA	
NA	ENSG00000231537	0	NA	NA	NA	NA	MTCO3P10
NA	ENSG00000231538	0	NA	NA	NA	NA	DPP10-AS3
NA	ENSG00000231539	0	NA	NA	NA	NA	
NA	ENSG00000231540	0	NA	NA	NA	NA	ELOCP9
NA	ENSG00000231541	0	NA	NA	NA	NA	RPS6P2
NA	ENSG00000231542	0	NA	NA	NA	NA	TAB3-AS1
NA	ENSG00000231544	0.78692798	-0.00701102	0.38152501	0.89254818	NA	RSL24D1P11
NA	ENSG00000231546	0	NA	NA	NA	NA	RPL3P5
NA	ENSG00000231547	0	NA	NA	NA	NA	
NA	ENSG00000231548	0.80418457	-0.03588998	0.38467623	0.48415269	NA	OR55B1P
NA	ENSG00000231549	0	NA	NA	NA	NA	ATP5MDP1
NA	ENSG00000231550	6.88510668	0.03736672	0.36112907	0.7764662	0.89723881	PTCHD3P2
NA	ENSG00000231551	0	NA	NA	NA	NA	PDE4DIPP6
NA	ENSG00000231552	0	NA	NA	NA	NA	IGBP1P3

NA	ENSG00000231553	0	NA	NA	NA	NA	RNMTL1P1
NA	ENSG00000231556	2.52306958	0.07722074	0.38450436	0.40403316	NA	RSL24D1P3
NA	ENSG00000231557	0	NA	NA	NA	NA	
NA	ENSG00000231559	0	NA	NA	NA	NA	
400002	ENSG00000231560	16.5457111	0.14641633	0.34953876	0.42604511	0.6519054	CLEC12A-AS1
NA	ENSG00000231561	0	NA	NA	NA	NA	CEACAMP5
NA	ENSG00000231562	1.81143888	0.05361344	0.3839297	0.44779282	NA	
NA	ENSG00000231563	0	NA	NA	NA	NA	
NA	ENSG00000231564	0	NA	NA	NA	NA	EIF4A1P11
NA	ENSG00000231565	0	NA	NA	NA	NA	NEK2P2
NA	ENSG00000231566	0	NA	NA	NA	NA	LINC02595
NA	ENSG00000231567	0	NA	NA	NA	NA	MTND2P19
NA	ENSG00000231568	0	NA	NA	NA	NA	S100A11P7
NA	ENSG00000231569	0	NA	NA	NA	NA	
NA	ENSG00000231570	0	NA	NA	NA	NA	PPIAP63
102724550	ENSG00000231574	1.62929333	0.0492427	0.38442797	0.43297682	NA	LINC02015
NA	ENSG00000231575	0	NA	NA	NA	NA	
NA	ENSG00000231576	0	NA	NA	NA	NA	MTCO2P20
NA	ENSG00000231579	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL7P21
NA	ENSG00000231582	0	NA	NA	NA	NA	MTND4LP21
NA	ENSG00000231583	0	NA	NA	NA	NA	
NA	ENSG00000231584	88.3837106	0.65322385	0.25166666	0.00206295	0.01098762	FAHD2CP
NA	ENSG00000231585	0	NA	NA	NA	NA	
NA	ENSG00000231586	0	NA	NA	NA	NA	RPS23P9
NA	ENSG00000231588	7.48747276	-0.06143908	0.36506735	0.63704425	0.81722218	SHQ1P1
NA	ENSG00000231589	0	NA	NA	NA	NA	
NA	ENSG00000231590	0	NA	NA	NA	NA	
NA	ENSG00000231593	0	NA	NA	NA	NA	
NA	ENSG00000231597	0	NA	NA	NA	NA	
NA	ENSG00000231600	0	NA	NA	NA	NA	
NA	ENSG00000231601	0	NA	NA	NA	NA	
NA	ENSG00000231603	0	NA	NA	NA	NA	
NA	ENSG00000231604	0	NA	NA	NA	NA	
101928484	ENSG00000231605	0	NA	NA	NA	NA	LINC01363
NA	ENSG00000231606	0	NA	NA	NA	NA	
8847	ENSG00000231607	144.366811	-0.06394386	0.17455783	0.68010488	0.84377539	DLEU2
100132215	ENSG00000231609	23.0364822	-0.02446965	0.29974754	0.89515153	0.95469109	
NA	ENSG00000231610	0.33471731	0.02354391	0.38534154	0.62842204	NA	PIK3CDP1

NA	ENSG00000231612	0.84917145	0.01708357	0.3819496	0.74191198	NA	
NA	ENSG00000231613	0.34085608	0.00254334	0.38338306	0.96340686	NA	
NA	ENSG00000231615	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000231616	6.58628815	0.23398943	0.44780196	0.12938822	0.3008238	
NA	ENSG00000231619	0	NA	NA	NA	NA	ANAPC15P1
NA	ENSG00000231620	0	NA	NA	NA	NA	
101927596	ENSG00000231621	0	NA	NA	NA	NA	ANKRD44-AS1
NA	ENSG00000231622	0	NA	NA	NA	NA	RPS29P7
NA	ENSG00000231625	1.73136709	0.05809243	0.3840243	0.43565112	NA	SLC47A1P2
NA	ENSG00000231626	0	NA	NA	NA	NA	
NA	ENSG00000231628	14.7382401	0.00527811	0.3300016	0.97728247	0.99232877	
NA	ENSG00000231630	0	NA	NA	NA	NA	
NA	ENSG00000231635	0	NA	NA	NA	NA	ATP5F1BP1
100874031	ENSG00000231636	0.48664021	-0.00612659	0.38313466	0.87181189	NA	AGBL5-AS1
100506895	ENSG00000231638	11.4764512	0.06302268	0.34025178	0.7067394	0.85864725	LUARIS
NA	ENSG00000231643	0	NA	NA	NA	NA	YWHAQP8
NA	ENSG00000231645	0	NA	NA	NA	NA	KRT17P6
107985781	ENSG00000231646	2.21682582	0.06349131	0.3832448	0.44007266	NA	FSIP2-AS1
NA	ENSG00000231648	0	NA	NA	NA	NA	LINC01698
NA	ENSG00000231649	0.16735865	0.01897177	0.38482933	0.78225479	NA	SPATA31B1P
NA	ENSG00000231650	0	NA	NA	NA	NA	RFESDP1
100873930	ENSG00000231651	0.18922458	0.01954053	0.38488496	0.78225479	NA	DLG3-AS1
101928489	ENSG00000231652	0	NA	NA	NA	NA	
NA	ENSG00000231653	0	NA	NA	NA	NA	
NA	ENSG00000231654	0.66516914	0.00209535	0.3813075	0.96658691	NA	RPS6KA2-AS1
NA	ENSG00000231655	0	NA	NA	NA	NA	EMP2P1
NA	ENSG00000231660	0	NA	NA	NA	NA	RPS8P6
NA	ENSG00000231662	0	NA	NA	NA	NA	
101927765	ENSG00000231663	7.26848933	-0.05162959	0.3569551	0.71411883	0.86222722	COA6-AS1
NA	ENSG00000231665	1.35285907	0.03287161	0.38000692	0.64831151	NA	OGFOD1P1
646268	ENSG00000231666	0	NA	NA	NA	NA	LINC01704
NA	ENSG00000231667	0	NA	NA	NA	NA	OR7E111P
NA	ENSG00000231668	0	NA	NA	NA	NA	PPP2R2DP1
104355286	ENSG00000231671	0	NA	NA	NA	NA	LINC01307
NA	ENSG00000231672	7.00586951	-0.23957308	0.48139761	0.04031218	0.12621015	DIRC3
144776	ENSG00000231674	0	NA	NA	NA	NA	LINC00410
NA	ENSG00000231675	0	NA	NA	NA	NA	
NA	ENSG00000231678	0	NA	NA	NA	NA	

NA	ENSG00000231680	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02723
NA	ENSG00000231681	0	NA	NA	NA	NA	
105373934	ENSG00000231682	0	NA	NA	NA	NA	LINC01891
101927136	ENSG00000231683	0	NA	NA	NA	NA	
NA	ENSG00000231684	0	NA	NA	NA	NA	EIF1P3
NA	ENSG00000231686	0.173124	-0.01911262	0.38486262	0.84537521	NA	ANKRD11P2
NA	ENSG00000231688	0	NA	NA	NA	NA	RPL21P43
NA	ENSG00000231689	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01090
80069	ENSG00000231690	15.7637563	-0.0006645	0.32409656	0.99496629	0.99852582	LINC00574
NA	ENSG00000231691	2.99775012	-0.17264161	0.43216916	0.07367377	0.1987609	
NA	ENSG00000231694	0	NA	NA	NA	NA	
NA	ENSG00000231697	0	NA	NA	NA	NA	NANOGP5
NA	ENSG00000231698	0	NA	NA	NA	NA	
NA	ENSG00000231699	0	NA	NA	NA	NA	
NA	ENSG00000231700	0	NA	NA	NA	NA	
NA	ENSG00000231701	0.173124	-0.01911262	0.38486262	0.84537521	NA	BMS1P13
NA	ENSG00000231702	0	NA	NA	NA	NA	
NA	ENSG00000231703	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000231704	1.22360854	0.02215856	0.3802718	0.73092831	NA	
NA	ENSG00000231705	0	NA	NA	NA	NA	
NA	ENSG00000231706	0	NA	NA	NA	NA	CYCSP43
NA	ENSG00000231707	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PABPC1P1
NA	ENSG00000231711	23.3366448	0.88180399	0.66672579	0.01156489	0.04675918	LINC00899
NA	ENSG00000231712	0	NA	NA	NA	NA	H3P5
NA	ENSG00000231713	0.83752457	-0.0445745	0.38525205	0.43792619	NA	
NA	ENSG00000231714	0	NA	NA	NA	NA	
NA	ENSG00000231715	0	NA	NA	NA	NA	COX6CP2
400800	ENSG00000231718	0	NA	NA	NA	NA	LINC02789
NA	ENSG00000231720	0	NA	NA	NA	NA	
378805	ENSG00000231721	23.6360189	-0.07355241	0.3223457	0.68114239	0.84419446	LINC-PINT
NA	ENSG00000231722	0	NA	NA	NA	NA	CHMP4AP1
NA	ENSG00000231723	0	NA	NA	NA	NA	CAPZBP1
NA	ENSG00000231724	0	NA	NA	NA	NA	
NA	ENSG00000231725	0.15069912	-0.01848503	0.38480575	0.84537521	NA	VN1R110P
NA	ENSG00000231726	0	NA	NA	NA	NA	HMG2P38
NA	ENSG00000231728	29.2247506	-0.09264807	0.31802456	0.61673545	0.80362744	TMSB15B-AS1
100874355	ENSG00000231729	0	NA	NA	NA	NA	ARHGEF9-IT1
NA	ENSG00000231731	16.3888362	-0.00180556	0.33346477	0.98897584	0.99604194	

NA	ENSG00000231735	0	NA	NA	NA	NA	RPS2P18
144448	ENSG00000231738	17.8179392	0.13005124	0.33900874	0.48078079	0.70158112	TSPAN19
NA	ENSG00000231739	0	NA	NA	NA	NA	GAPDHP59
NA	ENSG00000231740	0	NA	NA	NA	NA	
NA	ENSG00000231741	0.34746601	0.02370763	0.3853651	0.61987128	NA	
101927541	ENSG00000231742	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC01273
NA	ENSG00000231743	0	NA	NA	NA	NA	
NA	ENSG00000231744	0	NA	NA	NA	NA	
NA	ENSG00000231747	0	NA	NA	NA	NA	
NA	ENSG00000231748	0	NA	NA	NA	NA	
104355297	ENSG00000231749	0	NA	NA	NA	NA	ABCA9-AS1
NA	ENSG00000231750	0	NA	NA	NA	NA	NANOGP10
647121	ENSG00000231752	0.998969	-0.03742572	0.38437394	0.45675554	NA	EMBP1
NA	ENSG00000231754	32.4094827	0.10641753	0.28961472	0.58840486	0.78317137	
NA	ENSG00000231755	0	NA	NA	NA	NA	CHODL-AS1
NA	ENSG00000231756	0	NA	NA	NA	NA	
NA	ENSG00000231758	0.54869422	0.03273763	0.38621744	0.45432183	NA	ARHGAP15-AS1
NA	ENSG00000231760	2.26920811	-0.01137724	0.37400599	0.89740979	NA	
NA	ENSG00000231762	0	NA	NA	NA	NA	
NA	ENSG00000231763	0	NA	NA	NA	NA	PQLC1P1
NA	ENSG00000231764	240.009355	-0.63853258	0.16991873	4.29E-05	0.00035752	DLX6-AS1
NA	ENSG00000231765	0.18922458	0.01954053	0.38488496	0.78225479	NA	PPP1R11P2
NA	ENSG00000231766	0	NA	NA	NA	NA	MTCO2P5
NA	ENSG00000231767	0	NA	NA	NA	NA	RPS27AP5
100506795	ENSG00000231768	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01354
NA	ENSG00000231769	0	NA	NA	NA	NA	
NA	ENSG00000231770	76.2031145	-0.13455702	0.2238894	0.46052205	0.68363319	TMEM44-AS1
NA	ENSG00000231772	0	NA	NA	NA	NA	
NA	ENSG00000231776	0	NA	NA	NA	NA	LINC01611
NA	ENSG00000231777	0	NA	NA	NA	NA	MTND4P21
NA	ENSG00000231780	0	NA	NA	NA	NA	
NA	ENSG00000231781	0	NA	NA	NA	NA	
439934	ENSG00000231782	0	NA	NA	NA	NA	LINC00575
NA	ENSG00000231784	19.9158247	-0.20468153	0.3908269	0.24707803	0.46606087	DBIL5P
NA	ENSG00000231787	0.64505835	-0.03770471	0.38678426	0.41111405	NA	H2BP9
NA	ENSG00000231788	0	NA	NA	NA	NA	RPL31P50
101929074	ENSG00000231789	107.735646	-0.16212949	0.20834579	0.35538033	0.58575606	PIK3CD-AS2
NA	ENSG00000231791	0	NA	NA	NA	NA	

NA	ENSG00000231793	9.11885274	0.17131716	0.38600319	0.30181674	0.52921292	DOC2GP
NA	ENSG00000231794	1.05486053	-0.03604913	0.38497715	0.44226309	NA	
NA	ENSG00000231795	0	NA	NA	NA	NA	ITCH-IT1
NA	ENSG00000231799	0.56767373	0.02627943	0.38574813	0.49686938	NA	PA2G4P6
NA	ENSG00000231801	0	NA	NA	NA	NA	ANP32BP2
NA	ENSG00000231802	0	NA	NA	NA	NA	DNAJB6P3
NA	ENSG00000231804	0.32393147	0.00200272	0.38337536	0.96190814	NA	
NA	ENSG00000231806	2.04732578	0.08122576	0.39112865	0.24633913	NA	PCAT7
NA	ENSG00000231808	0	NA	NA	NA	NA	LINC01388
NA	ENSG00000231809	0	NA	NA	NA	NA	NANOCP9
NA	ENSG00000231810	0	NA	NA	NA	NA	RPL36AP35
101927888	ENSG00000231811	0	NA	NA	NA	NA	
NA	ENSG00000231812	0	NA	NA	NA	NA	SNRCP9
100885798	ENSG00000231814	0	NA	NA	NA	NA	LINC00210
NA	ENSG00000231815	0	NA	NA	NA	NA	
NA	ENSG00000231817	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC01198
NA	ENSG00000231821	0	NA	NA	NA	NA	NPM1P48
NA	ENSG00000231822	3.67386662	0.07081175	0.376221	0.52564871	0.73806584	SMC3P1
642597	ENSG00000231824	0	NA	NA	NA	NA	AKAIN1
102723854	ENSG00000231826	0	NA	NA	NA	NA	LINC01819
343052	ENSG00000231827	0.83625313	0.03593361	0.38452955	0.46984127	NA	
NA	ENSG00000231829	0	NA	NA	NA	NA	
NA	ENSG00000231830	0	NA	NA	NA	NA	
NA	ENSG00000231831	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MTHFD1P1
NA	ENSG00000231837	0	NA	NA	NA	NA	RPS7P2
NA	ENSG00000231839	0	NA	NA	NA	NA	DPY19L4P2
NA	ENSG00000231840	1.62736821	0.09486184	0.39664536	0.14307529	NA	TMEM139-AS1
NA	ENSG00000231841	0	NA	NA	NA	NA	FAM192BP
NA	ENSG00000231845	1.04912931	-0.0587523	0.39028338	0.21365192	NA	HMGB3P14
NA	ENSG00000231848	0	NA	NA	NA	NA	KRTCAP2P1
NA	ENSG00000231849	0	NA	NA	NA	NA	UBE2V2P4
101927492	ENSG00000231851	0.59701084	-0.0123038	0.38313531	0.76450493	NA	MRPS9-AS1
1589	ENSG00000231852	0.30004201	-0.02294482	0.38527542	0.68643244	NA	CYP21A2
NA	ENSG00000231855	0	NA	NA	NA	NA	
NA	ENSG00000231856	42.7977817	0.14216662	0.27049807	0.47270931	0.69475907	
NA	ENSG00000231857	0.18922458	0.01954053	0.38488496	0.78225479	NA	MORF4L1P5
105373805	ENSG00000231858	0	NA	NA	NA	NA	
NA	ENSG00000231859	0.54121272	0.01423046	0.38348109	0.73393352	NA	

402135	ENSG00000231861	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR5K2
NA	ENSG00000231863	0	NA	NA	NA	NA	
NA	ENSG00000231864	0	NA	NA	NA	NA	
NA	ENSG00000231866	0	NA	NA	NA	NA	
NA	ENSG00000231867	0	NA	NA	NA	NA	
NA	ENSG00000231868	0	NA	NA	NA	NA	
NA	ENSG00000231870	0	NA	NA	NA	NA	KRT17P3
100873949	ENSG00000231871	13.8765156	-0.0340928	0.32821188	0.84209719	0.92836346	IPO9-AS1
NA	ENSG00000231873	0	NA	NA	NA	NA	
NA	ENSG00000231875	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
102723536	ENSG00000231876	0	NA	NA	NA	NA	
NA	ENSG00000231877	0	NA	NA	NA	NA	
NA	ENSG00000231878	0	NA	NA	NA	NA	SNRFPF1
NA	ENSG00000231879	0	NA	NA	NA	NA	TXNL1P1
NA	ENSG00000231880	3.74440688	-0.03357247	0.38699891	0.15717655	0.34396456	
NA	ENSG00000231881	35.6762759	0.24198084	0.37042313	0.23452413	0.45148057	
104413892	ENSG00000231882	0	NA	NA	NA	NA	F10-AS1
NA	ENSG00000231883	0	NA	NA	NA	NA	
NA	ENSG00000231884	0	NA	NA	NA	NA	NDUFB1P1
5554	ENSG00000231887	25.6453703	-0.09649353	0.30637613	0.61367399	0.80132236	PRH1
NA	ENSG00000231888	0.45001524	-0.02731342	0.38571419	0.56168194	NA	MTND5P15
NA	ENSG00000231889	104.359477	-0.44776495	0.23335609	0.02091667	0.0754933	TRAF3IP2-AS1
NA	ENSG00000231890	8.50457332	-0.08592377	0.35982642	0.56651241	0.76820492	DARS1-AS1
NA	ENSG00000231892	0.68379976	0.02174772	0.3837937	0.61384185	NA	
NA	ENSG00000231894	0	NA	NA	NA	NA	WDR95P
NA	ENSG00000231896	0.68688678	-0.02086331	0.38301105	0.64889463	NA	
NA	ENSG00000231897	0	NA	NA	NA	NA	MARK2P14
NA	ENSG00000231898	0	NA	NA	NA	NA	MYO3B-AS1
NA	ENSG00000231900	0	NA	NA	NA	NA	GOT2P1
NA	ENSG00000231901	0.72268823	0.0263657	0.38350237	0.56206821	NA	
NA	ENSG00000231902	0	NA	NA	NA	NA	
NA	ENSG00000231903	1.38245673	0.04167261	0.38009144	0.59032575	NA	
NA	ENSG00000231905	0	NA	NA	NA	NA	SETP10
NA	ENSG00000231906	0	NA	NA	NA	NA	
NA	ENSG00000231907	0	NA	NA	NA	NA	GAPDHP37
100507475	ENSG00000231908	3.58507713	-0.00811439	0.36993824	0.93504088	0.97306034	IDH1-AS1
NA	ENSG00000231909	0	NA	NA	NA	NA	MAP1LC3BP1
NA	ENSG00000231910	0	NA	NA	NA	NA	GAMTP2

NA	ENSG00000231911	0	NA	NA	NA	NA	TPRKBP1
NA	ENSG00000231912	0	NA	NA	NA	NA	
NA	ENSG00000231913	0	NA	NA	NA	NA	RARRES2P3
NA	ENSG00000231914	0	NA	NA	NA	NA	LINC00387
NA	ENSG00000231915	0	NA	NA	NA	NA	SALL4P5
NA	ENSG00000231916	0	NA	NA	NA	NA	
730100	ENSG00000231918	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000231920	3.96846876	-0.01069373	0.36392366	0.92665254	0.96932621	NEBL-AS1
NA	ENSG00000231922	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000231923	0	NA	NA	NA	NA	
5669	ENSG00000231924	0	NA	NA	NA	NA	PSG1
6892	ENSG00000231925	645.803808	0.17344774	0.10081656	0.07410645	0.19971093	TAPBP
NA	ENSG00000231926	0	NA	NA	NA	NA	SEPHS1P7
NA	ENSG00000231927	0	NA	NA	NA	NA	
NA	ENSG00000231929	0	NA	NA	NA	NA	HMGB3P31
NA	ENSG00000231930	0	NA	NA	NA	NA	
NA	ENSG00000231931	0	NA	NA	NA	NA	
NA	ENSG00000231933	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MYO18B-AS1
NA	ENSG00000231934	0	NA	NA	NA	NA	FAM242A
NA	ENSG00000231937	0	NA	NA	NA	NA	
NA	ENSG00000231940	1.24360332	0.07365972	0.39084792	0.22842143	NA	RPS7P3
NA	ENSG00000231942	0.98407338	0.02510115	0.38220171	0.64887112	NA	HNRNPA1P36
103344932	ENSG00000231943	0.16735865	0.01897177	0.38482933	0.78225479	NA	PGM5P4-AS1
101928259	ENSG00000231944	0	NA	NA	NA	NA	PHKA1-AS1
NA	ENSG00000231947	0	NA	NA	NA	NA	MTND2P24
100874343	ENSG00000231948	1.06937253	-0.04696192	0.38571929	0.37940857	NA	HS1BP3-IT1
NA	ENSG00000231949	0	NA	NA	NA	NA	
NA	ENSG00000231951	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000231952	1.91522639	-0.06701601	0.38400429	0.42255835	NA	DPY19L1P2
NA	ENSG00000231953	0	NA	NA	NA	NA	
NA	ENSG00000231954	0	NA	NA	NA	NA	MTND2P22
NA	ENSG00000231955	0	NA	NA	NA	NA	
NA	ENSG00000231956	6.67180466	-0.06211633	0.36190213	0.64837442	0.82455589	HNRNPA1P9
NA	ENSG00000231957	0	NA	NA	NA	NA	GNAI2P2
NA	ENSG00000231961	0	NA	NA	NA	NA	
102724323	ENSG00000231964	0	NA	NA	NA	NA	
NA	ENSG00000231965	0.99462455	0.00359151	0.3800007	0.95284853	NA	
NA	ENSG00000231966	0.44795842	-0.02501848	0.38558245	0.5807882	NA	LINC02818

NA	ENSG00000231967	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000231969	3.86419875	0.07398223	0.37813837	0.49622262	0.714811	MMADHC-DT
NA	ENSG00000231970	1.57236593	0.03656241	0.38245236	0.55823086	NA	
NA	ENSG00000231971	0	NA	NA	NA	NA	CT69
NA	ENSG00000231976	58.583377	0.26087072	0.29247268	0.20918153	0.41739531	FAM238B
NA	ENSG00000231977	0	NA	NA	NA	NA	
NA	ENSG00000231978	0	NA	NA	NA	NA	
NA	ENSG00000231979	0.50284766	0.01227484	0.3834286	0.76909913	NA	
NA	ENSG00000231980	3.10638586	-0.17243049	0.43272987	0.06915379	0.18974018	
NA	ENSG00000231981	0	NA	NA	NA	NA	RPL7L1P12
NA	ENSG00000231982	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000231983	0	NA	NA	NA	NA	LINC00415
NA	ENSG00000231984	0	NA	NA	NA	NA	
NA	ENSG00000231985	0	NA	NA	NA	NA	
NA	ENSG00000231986	0	NA	NA	NA	NA	
101928241	ENSG00000231987	0	NA	NA	NA	NA	LINC01787
NA	ENSG00000231988	0	NA	NA	NA	NA	OFD1P3Y
153743	ENSG00000231989	0	NA	NA	NA	NA	PPP1R2B
NA	ENSG00000231990	0	NA	NA	NA	NA	
NA	ENSG00000231991	0.29863895	-0.02292439	0.3852726	0.68753245	NA	ANXA2P2
NA	ENSG00000231992	0	NA	NA	NA	NA	
NA	ENSG00000231993	3.40515035	-0.200966	0.44576438	0.08144965	0.21429002	EP300-AS1
NA	ENSG00000231995	5.34657764	-0.1474602	0.40341136	0.22499277	0.43877008	
NA	ENSG00000231996	0	NA	NA	NA	NA	
400761	ENSG00000231999	74.2838575	0.05121845	0.2342413	0.78307323	0.90117013	LRRRC8C-DT
NA	ENSG00000232000	594.998828	0.06395786	0.10293149	0.5195292	0.73305307	CLCN3P1
NA	ENSG00000232001	0	NA	NA	NA	NA	
105373979	ENSG00000232002	0	NA	NA	NA	NA	LINC01880
NA	ENSG00000232003	0	NA	NA	NA	NA	ZNF736P12Y
NA	ENSG00000232004	1.33741658	0.02435113	0.3802288	0.71267149	NA	CAP1P2
NA	ENSG00000232006	0	NA	NA	NA	NA	
NA	ENSG00000232009	0	NA	NA	NA	NA	
105372833	ENSG00000232010	0	NA	NA	NA	NA	DNMT3L-AS1
NA	ENSG00000232015	0	NA	NA	NA	NA	HSPE1P25
NA	ENSG00000232019	0.66296726	-0.0224054	0.38325419	0.6481761	NA	
641518	ENSG00000232021	7.19102361	-0.032838	0.35991869	0.79672859	0.90658744	LEF1-AS1
NA	ENSG00000232022	0	NA	NA	NA	NA	FAAHP1
101928765	ENSG00000232023	0	NA	NA	NA	NA	LINC01807

NA	ENSG00000232024	89.7021732	-0.34245898	0.24190305	0.07907626	0.20976104	LSM12P1
NA	ENSG00000232027	1.12488466	-0.01758128	0.38215624	0.72861029	NA	
NA	ENSG00000232028	0	NA	NA	NA	NA	
NA	ENSG00000232029	0	NA	NA	NA	NA	ELOCP15
NA	ENSG00000232030	0	NA	NA	NA	NA	MAGEB6B
NA	ENSG00000232031	0	NA	NA	NA	NA	
NA	ENSG00000232032	0	NA	NA	NA	NA	
NA	ENSG00000232034	0	NA	NA	NA	NA	
NA	ENSG00000232035	0	NA	NA	NA	NA	
NA	ENSG00000232036	0.47288434	-0.0077589	0.38324618	0.85987853	NA	
NA	ENSG00000232037	0	NA	NA	NA	NA	
NA	ENSG00000232039	0	NA	NA	NA	NA	DEFT1P2
114821	ENSG00000232040	239.443899	0.23377999	0.15143146	0.09244432	0.23508014	ZBED9
NA	ENSG00000232041	0	NA	NA	NA	NA	PSMD10P3
NA	ENSG00000232042	0	NA	NA	NA	NA	
NA	ENSG00000232043	2.97339434	0.01652975	0.37085086	0.87187589	0.94401928	
NA	ENSG00000232044	227.274047	-0.08046419	0.19397881	0.6295978	0.8124371	SILC1
NA	ENSG00000232046	2.16177209	0.01779396	0.37378247	0.84526081	NA	LINC01798
NA	ENSG00000232048	0	NA	NA	NA	NA	HNRNPCP9
NA	ENSG00000232050	0	NA	NA	NA	NA	
NA	ENSG00000232053	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000232054	0	NA	NA	NA	NA	NPM1P34
NA	ENSG00000232056	0	NA	NA	NA	NA	
NA	ENSG00000232057	10.5869709	-0.46537204	0.64604413	0.04848756	0.14547001	
101928475	ENSG00000232058	0	NA	NA	NA	NA	
NA	ENSG00000232059	0.48468105	-0.00618423	0.38314176	0.87155942	NA	
NA	ENSG00000232060	0	NA	NA	NA	NA	SLC4A1APP1
NA	ENSG00000232063	7.59211101	0.15345259	0.3888473	0.3097509	0.53756629	
NA	ENSG00000232064	0	NA	NA	NA	NA	USP9YP33
101929769	ENSG00000232065	0.95434203	-0.01579149	0.38076801	0.78919224	NA	LINC01063
NA	ENSG00000232068	0	NA	NA	NA	NA	
NA	ENSG00000232069	0	NA	NA	NA	NA	RPS29P28
643382	ENSG00000232070	13.6368021	-0.18250467	0.37300161	0.31371014	0.54159326	TMEM253
NA	ENSG00000232072	0	NA	NA	NA	NA	
NA	ENSG00000232073	0	NA	NA	NA	NA	
NA	ENSG00000232075	4.35031346	-0.06519075	0.37497837	0.5528659	0.75919187	MRPL35P2
101929184	ENSG00000232077	0.90223025	0.03897233	0.38477293	0.42794276	NA	LINC01031
284825	ENSG00000232079	1.76080563	-0.07190697	0.3881665	0.3145088	NA	LINC01697

102725019	ENSG00000232080	0	NA	NA	NA	NA	
NA	ENSG00000232081	0	NA	NA	NA	NA	LARGE-IT1
100874353	ENSG00000232082	0.83262084	-0.00445993	0.38137177	0.93208685	NA	RPS6KA2-IT1
NA	ENSG00000232083	0	NA	NA	NA	NA	RPL31P7
150577	ENSG00000232084	0	NA	NA	NA	NA	LINC01104
NA	ENSG00000232085	0	NA	NA	NA	NA	
NA	ENSG00000232086	0	NA	NA	NA	NA	
NA	ENSG00000232087	0	NA	NA	NA	NA	HCFC2P1
NA	ENSG00000232089	0	NA	NA	NA	NA	
NA	ENSG00000232090	0	NA	NA	NA	NA	POLR2DP1
NA	ENSG00000232091	0	NA	NA	NA	NA	PNLIPP1
NA	ENSG00000232093	24.241159	0.07854654	0.30527191	0.6813189	0.84428882	DCST1-AS1
NA	ENSG00000232096	0	NA	NA	NA	NA	YPEL5P1
NA	ENSG00000232097	1.01957349	0.03232174	0.38229942	0.58813604	NA	
NA	ENSG00000232098	240.771607	0.31585316	0.15586824	0.02644599	0.0909654	
101929631	ENSG00000232100	0	NA	NA	NA	NA	LINC01653
NA	ENSG00000232101	0	NA	NA	NA	NA	
NA	ENSG00000232102	0	NA	NA	NA	NA	MTCO3P2
101929302	ENSG00000232104	24.2625632	0.97716352	0.61181286	0.00697368	0.03087657	RFX3-AS1
NA	ENSG00000232105	0	NA	NA	NA	NA	RPL32P28
NA	ENSG00000232109	13.5783748	-0.05906647	0.33271948	0.73073928	0.87121371	VN1R54P
NA	ENSG00000232110	7.97537346	-0.15989269	0.38398714	0.31932784	0.54696229	
NA	ENSG00000232111	0	NA	NA	NA	NA	
51372	ENSG00000232112	1688.79911	-0.21553588	0.08047166	0.00612864	0.0276095	TMA7
730159	ENSG00000232113	0	NA	NA	NA	NA	TEX50
NA	ENSG00000232114	0	NA	NA	NA	NA	NPLP1
NA	ENSG00000232115	0	NA	NA	NA	NA	
NA	ENSG00000232117	3.66448558	0.0502922	0.38149442	0.47582858	0.6978444	LINC00384
NA	ENSG00000232118	0.18922458	0.01954053	0.38488496	0.78225479	NA	BACH1-AS1
28985	ENSG00000232119	909.373484	-0.00359309	0.10790989	0.97107063	0.98911805	MCTS1
NA	ENSG00000232120	0	NA	NA	NA	NA	
NA	ENSG00000232121	0	NA	NA	NA	NA	
NA	ENSG00000232124	0	NA	NA	NA	NA	
391475	ENSG00000232125	0	NA	NA	NA	NA	DYTN
NA	ENSG00000232128	0	NA	NA	NA	NA	MTCO3P45
NA	ENSG00000232130	0	NA	NA	NA	NA	
104355145	ENSG00000232131	0	NA	NA	NA	NA	NCOA7-AS1
100874208	ENSG00000232132	0	NA	NA	NA	NA	NDFIP2-AS1

NA	ENSG00000232133	10.0593166	0.03165306	0.38679464	0.07964566	0.21062825	IMPDH1P10
NA	ENSG00000232134	0.99727722	-0.0169565	0.38144348	0.75888027	NA	RPS15AP12
NA	ENSG00000232135	0	NA	NA	NA	NA	
NA	ENSG00000232136	0	NA	NA	NA	NA	DUXAP7
NA	ENSG00000232138	0	NA	NA	NA	NA	IFNWP5
100506126	ENSG00000232139	0.51937201	-0.02557462	0.38567603	0.54680819	NA	LINC00867
NA	ENSG00000232140	0	NA	NA	NA	NA	
NA	ENSG00000232142	0	NA	NA	NA	NA	RPS25P9
NA	ENSG00000232144	0	NA	NA	NA	NA	PSAT1P2
NA	ENSG00000232145	0	NA	NA	NA	NA	
NA	ENSG00000232148	0	NA	NA	NA	NA	FMO11P
NA	ENSG00000232149	11.6678421	0.16311976	0.37529322	0.34195325	0.57202996	FERP1
NA	ENSG00000232150	0.36296006	0.0238948	0.38539241	0.60996383	NA	ST13P4
NA	ENSG00000232153	0	NA	NA	NA	NA	
NA	ENSG00000232154	0	NA	NA	NA	NA	MTCYBP15
NA	ENSG00000232155	0	NA	NA	NA	NA	
NA	ENSG00000232158	0	NA	NA	NA	NA	C11orf98P1
9366	ENSG00000232159	0	NA	NA	NA	NA	RAB9BP1
101928578	ENSG00000232160	58.7808571	0.32097054	0.29588738	0.13429176	0.3085165	RAP2C-AS1
NA	ENSG00000232161	0	NA	NA	NA	NA	
NA	ENSG00000232162	0.18922458	0.01954053	0.38488496	0.78225479	NA	USP12-AS1
NA	ENSG00000232163	0.37844916	0.02407552	0.3854191	0.60038877	NA	RPLP1P13
729348	ENSG00000232164	0.79728685	-0.05676116	0.38955093	0.26934121	NA	LINC01873
NA	ENSG00000232165	0	NA	NA	NA	NA	
NA	ENSG00000232166	0.99739748	0.00395675	0.38085074	0.94313713	NA	
NA	ENSG00000232167	0	NA	NA	NA	NA	
NA	ENSG00000232168	0	NA	NA	NA	NA	P2RY10BP
100507143	ENSG00000232170	0	NA	NA	NA	NA	LINC00708
NA	ENSG00000232172	0	NA	NA	NA	NA	
NA	ENSG00000232173	0	NA	NA	NA	NA	OR2H5P
NA	ENSG00000232174	0	NA	NA	NA	NA	
NA	ENSG00000232175	0	NA	NA	NA	NA	
NA	ENSG00000232176	2.3018978	0.03941866	0.37512298	0.68022546	NA	
NA	ENSG00000232177	0	NA	NA	NA	NA	MTND4P24
NA	ENSG00000232179	0	NA	NA	NA	NA	MTATP6P29
NA	ENSG00000232183	0	NA	NA	NA	NA	
NA	ENSG00000232184	0	NA	NA	NA	NA	
NA	ENSG00000232185	0	NA	NA	NA	NA	CNOT7P2

NA	ENSG00000232186	5.3779181	-0.08949145	0.37903743	0.44476159	0.66960616	TERF1P7
NA	ENSG00000232187	1.30125254	-0.02090524	0.37794775	0.78210064	NA	FTH1P7
NA	ENSG00000232188	0	NA	NA	NA	NA	
440390	ENSG00000232190	0	NA	NA	NA	NA	LINC02181
111216275	ENSG00000232192	0	NA	NA	NA	NA	KIF26B-AS1
NA	ENSG00000232193	0	NA	NA	NA	NA	
NA	ENSG00000232194	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000232195	0	NA	NA	NA	NA	TOMM22P2
100463285	ENSG00000232196	5.02766101	0.00054287	0.36347284	0.99853262	0.99943937	MTRNR2L4
102724511	ENSG00000232197	0	NA	NA	NA	NA	
NA	ENSG00000232198	0	NA	NA	NA	NA	MTCO2P34
NA	ENSG00000232199	0	NA	NA	NA	NA	RPL3P8
NA	ENSG00000232200	0	NA	NA	NA	NA	
NA	ENSG00000232202	0.45121296	-0.02737185	0.38571897	0.56069351	NA	CHORDC1P1
NA	ENSG00000232203	0	NA	NA	NA	NA	SLC25A6P2
NA	ENSG00000232204	0	NA	NA	NA	NA	TET1P1
NA	ENSG00000232205	0	NA	NA	NA	NA	CDY18P
NA	ENSG00000232208	0	NA	NA	NA	NA	
NA	ENSG00000232211	0	NA	NA	NA	NA	
107985456	ENSG00000232212	0	NA	NA	NA	NA	LINC01701
NA	ENSG00000232215	0	NA	NA	NA	NA	OR2L6P
NA	ENSG00000232216	0.60003233	-0.03562261	0.38653686	0.43872518	NA	IGHV3-43
NA	ENSG00000232217	0	NA	NA	NA	NA	FTLP8
NA	ENSG00000232218	0	NA	NA	NA	NA	
NA	ENSG00000232220	8.79537162	0.26970967	0.45063796	0.13874804	0.31543588	
NA	ENSG00000232223	0	NA	NA	NA	NA	CNN2P10
105616982	ENSG00000232225	0	NA	NA	NA	NA	LINC01047
NA	ENSG00000232226	0	NA	NA	NA	NA	ARSFP1
112268441	ENSG00000232227	0	NA	NA	NA	NA	
NA	ENSG00000232228	0	NA	NA	NA	NA	RPL36AP16
643529	ENSG00000232229	1.14402111	0.01810093	0.38014934	0.77679634	NA	LINC00865
NA	ENSG00000232230	0	NA	NA	NA	NA	TPM4P1
102724699	ENSG00000232233	0.87384541	0.02865468	0.38416981	0.50171311	NA	LINC02043
NA	ENSG00000232234	1.22808875	0.05777759	0.38827681	0.2705578	NA	
NA	ENSG00000232235	0	NA	NA	NA	NA	CDY3P
647219	ENSG00000232237	12.5869419	-0.05243939	0.33703641	0.75262383	0.88425267	ASCL5
NA	ENSG00000232238	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS29P8
NA	ENSG00000232239	0	NA	NA	NA	NA	RBPJP5

NA	ENSG00000232240	0	NA	NA	NA	NA	
NA	ENSG00000232241	0	NA	NA	NA	NA	DYNLT3P1
NA	ENSG00000232242	0	NA	NA	NA	NA	ZYG11AP1
NA	ENSG00000232245	0	NA	NA	NA	NA	
NA	ENSG00000232249	0	NA	NA	NA	NA	
NA	ENSG00000232252	0	NA	NA	NA	NA	
NA	ENSG00000232254	0	NA	NA	NA	NA	CSF2RBP1
283953	ENSG00000232258	0	NA	NA	NA	NA	TMEM114
NA	ENSG00000232259	0	NA	NA	NA	NA	
NA	ENSG00000232260	0	NA	NA	NA	NA	BTF3L4P1
NA	ENSG00000232261	0	NA	NA	NA	NA	
100131902	ENSG00000232263	0	NA	NA	NA	NA	KRTAP25-1
728369	ENSG00000232264	0	NA	NA	NA	NA	USP17L24
NA	ENSG00000232265	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02805
NA	ENSG00000232267	0	NA	NA	NA	NA	ACTR3P2
390037	ENSG00000232268	0.83407258	-0.02949927	0.38357792	0.5370938	NA	OR52I1
NA	ENSG00000232271	0	NA	NA	NA	NA	
NA	ENSG00000232273	1.5621462	-0.02889059	0.38032883	0.66911198	NA	FTH1P1
NA	ENSG00000232277	0	NA	NA	NA	NA	SLC30A6P1
NA	ENSG00000232281	0	NA	NA	NA	NA	IFNWP15
NA	ENSG00000232282	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MTND1P32
NA	ENSG00000232283	0.34746601	0.02370763	0.3853651	0.61987128	NA	HSD17B3-AS1
100289178	ENSG00000232284	6.92933769	0.05458332	0.36664821	0.65611807	0.82907086	GNG12-AS1
NA	ENSG00000232285	0	NA	NA	NA	NA	ELOBP3
NA	ENSG00000232286	0	NA	NA	NA	NA	
100874090	ENSG00000232287	0.31816881	0.00111761	0.3833665	0.96636909	NA	SLC6A1-AS1
NA	ENSG00000232290	0	NA	NA	NA	NA	
NA	ENSG00000232292	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ALDH7A1P2
NA	ENSG00000232293	0	NA	NA	NA	NA	PAICSP7
NA	ENSG00000232294	0	NA	NA	NA	NA	
NA	ENSG00000232295	1.37848861	0.02926858	0.38096843	0.64915769	NA	
NA	ENSG00000232296	0	NA	NA	NA	NA	
NA	ENSG00000232298	0	NA	NA	NA	NA	GRHL3-AS1
NA	ENSG00000232299	0	NA	NA	NA	NA	
NA	ENSG00000232300	121.882815	-0.11286336	0.1899482	0.49357635	0.71244487	FAM215B
101927721	ENSG00000232301	0	NA	NA	NA	NA	LNCPRESS1
NA	ENSG00000232303	16.688744	1.14683262	0.68472859	0.00539213	0.02481554	DFFBP1
NA	ENSG00000232305	0	NA	NA	NA	NA	CLCP1

NA	ENSG00000232306	0	NA	NA	NA	NA	
282706	ENSG00000232307	0	NA	NA	NA	NA	DAOA-AS1
NA	ENSG00000232309	0	NA	NA	NA	NA	
NA	ENSG00000232310	0	NA	NA	NA	NA	
NA	ENSG00000232314	0	NA	NA	NA	NA	PSMC1P13
NA	ENSG00000232316	0	NA	NA	NA	NA	LINC02518
NA	ENSG00000232320	0	NA	NA	NA	NA	MXRA7P1
NA	ENSG00000232325	0	NA	NA	NA	NA	
NA	ENSG00000232327	0	NA	NA	NA	NA	
NA	ENSG00000232328	0	NA	NA	NA	NA	
NA	ENSG00000232332	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ARL5AP5
NA	ENSG00000232333	0.3238915	0.00197962	0.38337506	0.96212942	NA	RPS27AP2
NA	ENSG00000232334	0	NA	NA	NA	NA	
NA	ENSG00000232335	2.1310869	-0.00393983	0.37481229	0.96186196	NA	
NA	ENSG00000232337	0	NA	NA	NA	NA	
NA	ENSG00000232341	0	NA	NA	NA	NA	RPL4P2
NA	ENSG00000232342	0	NA	NA	NA	NA	
NA	ENSG00000232344	11.2256691	0.00976577	0.33678311	0.95437514	0.98112988	
NA	ENSG00000232346	0.83903407	-0.00772555	0.3800978	0.89896155	NA	
NA	ENSG00000232347	0.84746439	0.04456665	0.38509953	0.41803368	NA	
NA	ENSG00000232349	0	NA	NA	NA	NA	YBX1P7
NA	ENSG00000232350	0	NA	NA	NA	NA	
101928931	ENSG00000232352	1.75665846	0.11369079	0.40384787	0.10240444	NA	SEMA3B-AS1
NA	ENSG00000232353	0	NA	NA	NA	NA	
NA	ENSG00000232354	0.52119901	0.02576573	0.38568143	0.51723676	NA	VIPR1-AS1
NA	ENSG00000232355	0	NA	NA	NA	NA	
NA	ENSG00000232358	0.3223451	-0.02325304	0.38531851	0.6696914	NA	
NA	ENSG00000232359	0	NA	NA	NA	NA	
NA	ENSG00000232360	0	NA	NA	NA	NA	
NA	ENSG00000232361	0	NA	NA	NA	NA	
NA	ENSG00000232362	0	NA	NA	NA	NA	ATP5MGP2
NA	ENSG00000232363	0	NA	NA	NA	NA	
NA	ENSG00000232366	0	NA	NA	NA	NA	VDAC1P9
NA	ENSG00000232368	0	NA	NA	NA	NA	FTLP2
NA	ENSG00000232369	0.173124	-0.01911262	0.38486262	0.84537521	NA	PPIAP35
NA	ENSG00000232370	0.16735865	0.01897177	0.38482933	0.78225479	NA	BAG1P1
NA	ENSG00000232373	0.44795842	-0.02501848	0.38558245	0.5807882	NA	MTCYBP3
NA	ENSG00000232374	0	NA	NA	NA	NA	GPR79

	NA	ENSG00000232375	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101928386		ENSG00000232377	0.91795471	-0.03679866	0.38444071	0.4685817	NA	
	NA	ENSG00000232378	0	NA	NA	NA	NA	RPL29P28
	NA	ENSG00000232379	0	NA	NA	NA	NA	RPL22P23
	NA	ENSG00000232380	0	NA	NA	NA	NA	ZDHHC20P4
	NA	ENSG00000232381	0	NA	NA	NA	NA	OR52U1P
26339		ENSG00000232382	0	NA	NA	NA	NA	OR5K1
	NA	ENSG00000232383	0	NA	NA	NA	NA	
	NA	ENSG00000232385	0.49185454	-0.00751996	0.38271584	0.85644808	NA	RPS3AP25
	NA	ENSG00000232386	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000232387	0.16735865	0.01897177	0.38482933	0.78225479	NA	SKA2P1
388789		ENSG00000232388	427.115236	-0.03356489	0.12130604	0.76950047	0.89405696	SMIM26
	NA	ENSG00000232389	0	NA	NA	NA	NA	
	NA	ENSG00000232390	0	NA	NA	NA	NA	NDUFA5P1
	NA	ENSG00000232391	0	NA	NA	NA	NA	RANP2
	NA	ENSG00000232392	0	NA	NA	NA	NA	GOT2P7
	NA	ENSG00000232393	0	NA	NA	NA	NA	RPL5P6
	NA	ENSG00000232394	0	NA	NA	NA	NA	
	NA	ENSG00000232395	0	NA	NA	NA	NA	
	NA	ENSG00000232396	5.00211998	-0.34213494	0.59799691	0.02857037	0.09663078	
	NA	ENSG00000232398	0.51356778	-0.0090342	0.38272703	0.83076456	NA	TMPRSS11CP
100287238		ENSG00000232399	0	NA	NA	NA	NA	USP17L13
	NA	ENSG00000232400	0.173124	-0.01911262	0.38486262	0.84537521	NA	RAD17P1
	NA	ENSG00000232401	0	NA	NA	NA	NA	LINC00112
	NA	ENSG00000232403	0.51247763	-0.00999142	0.38327083	0.8216073	NA	RPL27P5
	NA	ENSG00000232406	0.35662279	0.02381664	0.38538099	0.61404647	NA	
	NA	ENSG00000232407	0	NA	NA	NA	NA	PPIAP70
	NA	ENSG00000232408	0	NA	NA	NA	NA	
	NA	ENSG00000232409	0	NA	NA	NA	NA	
	NA	ENSG00000232411	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101928402		ENSG00000232412	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000232413	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000232415	0.29863895	-0.02292439	0.3852726	0.68753245	NA	ELN-AS1
60467		ENSG00000232416	0	NA	NA	NA	NA	BPESC1
	NA	ENSG00000232418	0	NA	NA	NA	NA	
252952		ENSG00000232419	0	NA	NA	NA	NA	TTY19
	NA	ENSG00000232420	0	NA	NA	NA	NA	IL9RP2
	NA	ENSG00000232422	0.173733	0.01914545	0.38484597	0.78225479	NA	KNOP1P4

440561	ENSG00000232423	0	NA	NA	NA	NA	PRAMEF6
NA	ENSG00000232424	0	NA	NA	NA	NA	USP9YP29
NA	ENSG00000232429	0	NA	NA	NA	NA	RPL21P131
NA	ENSG00000232430	0	NA	NA	NA	NA	RPL31P15
100289656	ENSG00000232431	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000232433	1.68602004	-0.10262776	0.3992077	0.14018812	NA	GXYLT1P3
389813	ENSG00000232434	206.110619	-0.40410362	0.17580093	0.01014561	0.04187411	AJM1
NA	ENSG00000232436	0	NA	NA	NA	NA	
NA	ENSG00000232437	0	NA	NA	NA	NA	RPS26P42
NA	ENSG00000232439	4.26011342	0.02421979	0.36691722	0.83388637	0.92431452	RPL18AP7
100505771	ENSG00000232442	30.6227481	0.17091038	0.30883068	0.3969975	0.62606586	MHENCRC
NA	ENSG00000232444	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000232445	54.6751465	0.02891374	0.25011066	0.87906721	0.94641763	EMSLR
NA	ENSG00000232446	0	NA	NA	NA	NA	
NA	ENSG00000232447	0	NA	NA	NA	NA	MTND5P3
NA	ENSG00000232448	3.59777254	-0.02518393	0.37058144	0.80606229	0.9121533	
NA	ENSG00000232450	31.9927152	0.08727898	0.29086437	0.65459948	0.82810431	
NA	ENSG00000232451	0	NA	NA	NA	NA	
105378753	ENSG00000232453	3.18910897	-0.1542064	0.41253877	0.16764101	0.35871254	LINC02777
NA	ENSG00000232454	1.1144242	-0.00411017	0.37956004	0.94809898	NA	
NA	ENSG00000232455	0	NA	NA	NA	NA	LARS2-AS1
NA	ENSG00000232456	0.68004673	0.03148293	0.38361896	0.54705895	NA	
NA	ENSG00000232457	13.6017566	0.06203598	0.34397741	0.70538147	0.85803894	SLC16A6P1
101928744	ENSG00000232458	0.63585554	-0.02031424	0.38310293	0.67622475	NA	LINC01450
NA	ENSG00000232459	0	NA	NA	NA	NA	OR4F14P
NA	ENSG00000232460	0	NA	NA	NA	NA	BMPR1AP2
NA	ENSG00000232463	0	NA	NA	NA	NA	
NA	ENSG00000232464	0	NA	NA	NA	NA	
NA	ENSG00000232465	0	NA	NA	NA	NA	
NA	ENSG00000232466	0	NA	NA	NA	NA	H3P31
NA	ENSG00000232467	0.34746601	0.02370763	0.3853651	0.61987128	NA	TMA16P2
NA	ENSG00000232470	1.29661738	-0.04204799	0.38245959	0.527335	NA	
NA	ENSG00000232471	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000232472	0.70477617	0.00394118	0.3818401	0.93355436	NA	EEF1B2P3
NA	ENSG00000232474	0	NA	NA	NA	NA	NCKAP5-IT1
NA	ENSG00000232475	0	NA	NA	NA	NA	HSFY5P
NA	ENSG00000232479	4.34763759	0.24405123	0.47677273	0.06617705	0.1840258	KRT8P52
728463	ENSG00000232480	0	NA	NA	NA	NA	TGFB2-AS1

	NA	ENSG00000232482	0	NA	NA	NA	NA	
	NA	ENSG00000232485	12.4668015	-0.04790721	0.34737253	0.75542992	0.88621127	RPL37A-DT
	NA	ENSG00000232486	1.83423676	0.05122047	0.38107919	0.5276214	NA	DEPDC1P2
	NA	ENSG00000232487	0.34125913	0.02362767	0.38535357	0.62402675	NA	RASA3-IT1
	NA	ENSG00000232489	2.14654585	0.02010365	0.37710161	0.80153703	NA	MFAP1P1
100874206		ENSG00000232490	0	NA	NA	NA	NA	OSBPL10-AS1
	NA	ENSG00000232491	0.9884849	0.00570092	0.38004964	0.92521789	NA	SAPCD2P3
	NA	ENSG00000232492	18.1733789	0.07079252	0.32964534	0.69116693	0.85035049	NPM1P13
	NA	ENSG00000232493	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL12P11
	NA	ENSG00000232494	0	NA	NA	NA	NA	
	NA	ENSG00000232496	0	NA	NA	NA	NA	RPL3P12
	NA	ENSG00000232497	0	NA	NA	NA	NA	ADIPOR1P1
	NA	ENSG00000232499	1.17749368	0.04381049	0.38348706	0.48793526	NA	
	NA	ENSG00000232500	0	NA	NA	NA	NA	
	NA	ENSG00000232502	0	NA	NA	NA	NA	
	NA	ENSG00000232503	0.34624801	-0.02356563	0.38536324	0.65270996	NA	CYCSP8
	NA	ENSG00000232504	0.3231249	0.00147037	0.38336931	0.96700363	NA	ST3GAL5-AS1
	NA	ENSG00000232508	0	NA	NA	NA	NA	MRPL45P1
	NA	ENSG00000232511	0	NA	NA	NA	NA	OR2AH1P
	NA	ENSG00000232512	0	NA	NA	NA	NA	
	NA	ENSG00000232514	0	NA	NA	NA	NA	
	NA	ENSG00000232515	0	NA	NA	NA	NA	
	NA	ENSG00000232517	0	NA	NA	NA	NA	CSPG4BP
	NA	ENSG00000232518	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000232519	0	NA	NA	NA	NA	
151484		ENSG00000232520	0.8733882	-0.02093416	0.38224033	0.63334481	NA	GCSIR
	NA	ENSG00000232522	0	NA	NA	NA	NA	ZNF886P
	NA	ENSG00000232524	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000232525	0	NA	NA	NA	NA	SS18L2P1
	NA	ENSG00000232526	0.48323512	0.01080161	0.38337725	0.79373772	NA	VDAC1P13
645166		ENSG00000232527	17.4093809	0.33073701	0.49083995	0.09814085	0.2457547	LINC02802
100996732		ENSG00000232527	17.4093809	0.33073701	0.49083995	0.09814085	0.2457547	LINC02802
107985200		ENSG00000232527	17.4093809	0.33073701	0.49083995	0.09814085	0.2457547	LINC02802
100289473		ENSG00000232528	1.6317508	0.02141813	0.37916486	0.75760689	NA	
	NA	ENSG00000232529	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
110806283		ENSG00000232530	0	NA	NA	NA	NA	LIF-AS1
	NA	ENSG00000232531	0	NA	NA	NA	NA	KMT5AP2
	NA	ENSG00000232533	5.05692473	-0.07455249	0.37110211	0.55011987	0.75657689	

NA	ENSG00000232535	0	NA	NA	NA	NA	OR5H8
NA	ENSG00000232536	0.6702457	-0.02149297	0.38313008	0.65317612	NA	
NA	ENSG00000232537	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000232539	0	NA	NA	NA	NA	LINC00945
NA	ENSG00000232540	0	NA	NA	NA	NA	RPL36P19
NA	ENSG00000232542	0	NA	NA	NA	NA	DPYD-IT1
NA	ENSG00000232543	0	NA	NA	NA	NA	IGHD4-11
NA	ENSG00000232545	4.25036969	0.04421667	0.36896204	0.70322697	0.85731984	
NA	ENSG00000232546	0	NA	NA	NA	NA	
101928031	ENSG00000232548	0	NA	NA	NA	NA	LINC01809
NA	ENSG00000232549	0	NA	NA	NA	NA	SRD5A1P1
NA	ENSG00000232551	0	NA	NA	NA	NA	MTCO1P14
NA	ENSG00000232553	0.173733	0.01914545	0.38484597	0.78225479	NA	CLK2P1
NA	ENSG00000232554	0	NA	NA	NA	NA	RSU1P2
NA	ENSG00000232555	0	NA	NA	NA	NA	
NA	ENSG00000232556	0	NA	NA	NA	NA	PRCPP1
NA	ENSG00000232557	0	NA	NA	NA	NA	
100874295	ENSG00000232558	0	NA	NA	NA	NA	KCND3-IT1
NA	ENSG00000232560	0	NA	NA	NA	NA	LINC01549
NA	ENSG00000232562	0	NA	NA	NA	NA	TPMTP3
NA	ENSG00000232563	0.173124	-0.01911262	0.38486262	0.84537521	NA	CRB3P1
101927257	ENSG00000232564	0	NA	NA	NA	NA	MRTFA-AS1
NA	ENSG00000232568	0	NA	NA	NA	NA	RPL23AP35
NA	ENSG00000232573	0.32403744	-0.02327471	0.3853216	0.66848573	NA	RPL3P4
NA	ENSG00000232576	0	NA	NA	NA	NA	
NA	ENSG00000232578	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000232579	0.61807637	-0.0199719	0.38311657	0.68360919	NA	MTCO1P27
NA	ENSG00000232581	0	NA	NA	NA	NA	
NA	ENSG00000232582	0	NA	NA	NA	NA	
NA	ENSG00000232583	0	NA	NA	NA	NA	GPR143P
NA	ENSG00000232585	0	NA	NA	NA	NA	OFD1P12Y
103344928	ENSG00000232586	32.1356539	-0.30988013	0.38633776	0.15833974	0.34551918	KIAA1614-AS1
NA	ENSG00000232587	0.67906087	0.00470197	0.38190603	0.92054641	NA	EEF1A1P3
NA	ENSG00000232590	0	NA	NA	NA	NA	
NA	ENSG00000232591	0	NA	NA	NA	NA	LINC02642
NA	ENSG00000232593	402.460546	-0.48051444	0.14583145	0.00038755	0.0025724	KANTR
NA	ENSG00000232594	0	NA	NA	NA	NA	
NA	ENSG00000232595	0	NA	NA	NA	NA	CST2P1

NA	ENSG00000232596	0	NA	NA	NA	NA	LINC01646
NA	ENSG00000232597	0	NA	NA	NA	NA	
NA	ENSG00000232598	0	NA	NA	NA	NA	
NA	ENSG00000232599	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000232600	0.82223465	0.03578062	0.38454189	0.47286227	NA	TONSL-AS1
NA	ENSG00000232601	0	NA	NA	NA	NA	ANAPC15P2
NA	ENSG00000232603	0	NA	NA	NA	NA	
NA	ENSG00000232604	0	NA	NA	NA	NA	
NA	ENSG00000232605	0	NA	NA	NA	NA	HMG2P11
NA	ENSG00000232606	0.45070772	-0.02734721	0.38571695	0.56110996	NA	LINC01412
NA	ENSG00000232608	0	NA	NA	NA	NA	TIMM9P2
NA	ENSG00000232610	0	NA	NA	NA	NA	CCT6P4
NA	ENSG00000232611	68.253578	0.0624702	0.24141064	0.74171675	0.87812748	
NA	ENSG00000232612	0	NA	NA	NA	NA	RPL31P35
NA	ENSG00000232613	0.33471731	0.02354391	0.38534154	0.62842204	NA	LINC02576
NA	ENSG00000232614	0	NA	NA	NA	NA	USP9YP9
NA	ENSG00000232615	2.15648285	0.02608389	0.37602855	0.76282845	NA	
NA	ENSG00000232617	0	NA	NA	NA	NA	
NA	ENSG00000232618	3.09865634	0.01836921	0.37301601	0.84711889	0.93052693	
NA	ENSG00000232620	0	NA	NA	NA	NA	TSPY17P
NA	ENSG00000232621	0	NA	NA	NA	NA	C4BPAP2
NA	ENSG00000232622	0	NA	NA	NA	NA	
NA	ENSG00000232623	0.72682437	0.02340022	0.38388776	0.58849046	NA	MRAP-AS1
283080	ENSG00000232624	0	NA	NA	NA	NA	LINC01517
NA	ENSG00000232625	0	NA	NA	NA	NA	RPL23AP31
NA	ENSG00000232626	0.65636108	0.00103208	0.38190465	0.98122397	NA	
NA	ENSG00000232627	1.09677155	-0.02353927	0.38169806	0.68087098	NA	
101927143	ENSG00000232628	2.64133561	0.08481192	0.38984133	0.28257	0.50762175	
3120	ENSG00000232629	0	NA	NA	NA	NA	HLA-DQB2
NA	ENSG00000232630	53.4271307	0.16000742	0.2696368	0.42030935	0.64619198	PRPS1P2
NA	ENSG00000232631	0	NA	NA	NA	NA	MTND2P23
NA	ENSG00000232633	0.65125806	-0.0116542	0.38239887	0.76053336	NA	
NA	ENSG00000232634	0	NA	NA	NA	NA	NEFLP1
NA	ENSG00000232636	0	NA	NA	NA	NA	
NA	ENSG00000232638	9.47796885	-0.12665345	0.36658949	0.43060046	0.65606363	
NA	ENSG00000232640	4.61293706	-0.04383347	0.36507636	0.72207859	0.86742752	
NA	ENSG00000232642	0.4678232	-0.00940287	0.38287839	0.85011535	NA	
NA	ENSG00000232643	0.62524199	-0.0362481	0.38662159	0.42658189	NA	LINC00385

NA	ENSG00000232644	0	NA	NA	NA	NA	
NA	ENSG00000232645	3.85552866	0.0388516	0.36910701	0.73177939	0.8719298	LINC01431
NA	ENSG00000232646	0	NA	NA	NA	NA	
NA	ENSG00000232647	0	NA	NA	NA	NA	POLR3KP1
NA	ENSG00000232648	7.59331877	-0.06358333	0.36731061	0.6130567	0.80076208	
105378934	ENSG00000232650	0	NA	NA	NA	NA	LINC01780
643699	ENSG00000232653	146.194198	0.11075401	0.1804521	0.48791041	0.70776647	GOLGA8N
NA	ENSG00000232654	0.173124	-0.01911262	0.38486262	0.84537521	NA	FAM136BP
101927526	ENSG00000232655	0	NA	NA	NA	NA	LINC01656
55853	ENSG00000232656	81.4381291	-0.30304795	0.25226382	0.12642392	0.29588894	IDI2-AS1
NA	ENSG00000232658	0	NA	NA	NA	NA	SLC44A3P1
111082987	ENSG00000232661	0	NA	NA	NA	NA	CFTR-AS1
NA	ENSG00000232662	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LDHBP1
NA	ENSG00000232663	0	NA	NA	NA	NA	
NA	ENSG00000232664	0	NA	NA	NA	NA	LARP1BP3
NA	ENSG00000232665	0	NA	NA	NA	NA	PHBP10
NA	ENSG00000232667	0	NA	NA	NA	NA	
NA	ENSG00000232668	0	NA	NA	NA	NA	
NA	ENSG00000232671	22.617951	0.06239231	0.30409553	0.74331516	0.87897084	ZNF687-AS1
NA	ENSG00000232672	0	NA	NA	NA	NA	ACTG1P21
NA	ENSG00000232675	0	NA	NA	NA	NA	
NA	ENSG00000232676	0	NA	NA	NA	NA	ADH5P2
100506930	ENSG00000232677	951.870801	0.23700623	0.08768405	0.0052616	0.02427112	LINC00665
NA	ENSG00000232678	0	NA	NA	NA	NA	SPTLC1P4
NA	ENSG00000232679	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC01705
NA	ENSG00000232680	0	NA	NA	NA	NA	
NA	ENSG00000232682	2.74558264	0.01500214	0.376284	0.85519961	0.93529355	
100874205	ENSG00000232684	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ATP11A-AS1
348021	ENSG00000232685	0	NA	NA	NA	NA	LINC00442
NA	ENSG00000232687	0	NA	NA	NA	NA	RPL12P9
102724321	ENSG00000232688	0	NA	NA	NA	NA	LINC01628
NA	ENSG00000232690	0	NA	NA	NA	NA	HSPE1P9
NA	ENSG00000232692	2.6694545	0.02665817	0.37499472	0.76302158	0.89079933	
NA	ENSG00000232693	0	NA	NA	NA	NA	
NA	ENSG00000232695	0	NA	NA	NA	NA	ELOCP17
NA	ENSG00000232696	0	NA	NA	NA	NA	
NA	ENSG00000232699	0	NA	NA	NA	NA	BDH2P1
NA	ENSG00000232701	0	NA	NA	NA	NA	RPL21P108

	NA	ENSG00000232702	0	NA	NA	NA	NA	
	NA	ENSG00000232706	0.54676649	0.03264605	0.38620792	0.45562108	NA	NUTM2HP
	NA	ENSG00000232707	0	NA	NA	NA	NA	AP1B1P2
	NA	ENSG00000232709	5.24748621	0.00086327	0.36109285	0.99657232	0.99873692	MARK2P9
	NA	ENSG00000232710	0.70414283	-0.01761645	0.38332214	0.66983381	NA	
101929591	NA	ENSG00000232712	2.62292625	0.1343563	0.41134853	0.10895894	0.26521666	KIZ-AS1
	NA	ENSG00000232713	3.02687454	-0.03744482	0.37431477	0.6977042	0.85399787	RPS12P3
	NA	ENSG00000232714	0	NA	NA	NA	NA	MTND3P8
	NA	ENSG00000232715	0	NA	NA	NA	NA	LINC01022
	NA	ENSG00000232716	0	NA	NA	NA	NA	
	NA	ENSG00000232717	0	NA	NA	NA	NA	TRIM51JP
	NA	ENSG00000232718	2.02647347	-0.0176819	0.3757869	0.83143805	NA	GAPDHP48
	NA	ENSG00000232719	0	NA	NA	NA	NA	
	NA	ENSG00000232721	0.31737711	0.00167413	0.38337161	0.96181076	NA	
	NA	ENSG00000232722	0	NA	NA	NA	NA	MROH4P
	NA	ENSG00000232723	0	NA	NA	NA	NA	RPS17P7
	NA	ENSG00000232724	0.53631729	0.03214424	0.38615613	0.46282211	NA	TRIM80P
	NA	ENSG00000232725	1.97193741	-0.01341441	0.37980926	0.90190462	NA	
	NA	ENSG00000232727	0.4916187	0.01478813	0.38313829	0.75056867	NA	YWHAEP1
	NA	ENSG00000232728	0	NA	NA	NA	NA	PHB2P1
101926943	NA	ENSG00000232729	14.3939831	-0.01648219	0.32617064	0.92234012	0.96745047	
	NA	ENSG00000232730	0	NA	NA	NA	NA	FAM8A4P
	NA	ENSG00000232732	1.94123438	-0.00660176	0.37797777	0.92428477	NA	
	NA	ENSG00000232734	0	NA	NA	NA	NA	ATP5MC1P7
	NA	ENSG00000232735	0	NA	NA	NA	NA	ATG4AP1
	NA	ENSG00000232736	0	NA	NA	NA	NA	
	NA	ENSG00000232738	0	NA	NA	NA	NA	
	NA	ENSG00000232739	0.93856341	-0.01477419	0.38147841	0.78568655	NA	
107985818	NA	ENSG00000232740	0	NA	NA	NA	NA	LINC01826
	NA	ENSG00000232742	0.31703244	0.00141019	0.38336896	0.9643414	NA	RHOQP2
	NA	ENSG00000232743	0	NA	NA	NA	NA	ELF2P3
	NA	ENSG00000232744	0	NA	NA	NA	NA	USP9YP16
105376955	NA	ENSG00000232746	0	NA	NA	NA	NA	LINC02022
	NA	ENSG00000232747	0	NA	NA	NA	NA	IGKV1D-35
	NA	ENSG00000232748	27.3571439	0.0424759	0.30183698	0.82384698	0.91986742	
	NA	ENSG00000232749	0	NA	NA	NA	NA	
	NA	ENSG00000232750	0.51449982	0.01613668	0.38318273	0.7287339	NA	
	NA	ENSG00000232751	0	NA	NA	NA	NA	

NA	ENSG00000232752	0	NA	NA	NA	NA	MTCO3P21
NA	ENSG00000232754	0	NA	NA	NA	NA	
NA	ENSG00000232756	0	NA	NA	NA	NA	DDX3ILA1
NA	ENSG00000232757	0.68857185	0.02214889	0.38383025	0.60847524	NA	ETF1P1
100506178	ENSG00000232759	0	NA	NA	NA	NA	
NA	ENSG00000232760	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000232762	0	NA	NA	NA	NA	
NA	ENSG00000232764	0	NA	NA	NA	NA	TRIM60P8Y
NA	ENSG00000232765	0	NA	NA	NA	NA	
NA	ENSG00000232766	0	NA	NA	NA	NA	KIAA1143P2
105378499	ENSG00000232767	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000232768	0	NA	NA	NA	NA	
NA	ENSG00000232771	0	NA	NA	NA	NA	PPP1R26P5
NA	ENSG00000232772	0	NA	NA	NA	NA	MTND4P22
NA	ENSG00000232773	0	NA	NA	NA	NA	DEFB130D
NA	ENSG00000232774	4.60452644	0.09803389	0.38294178	0.38736904	0.61635625	
NA	ENSG00000232775	48.7853883	0.04633326	0.25733033	0.81074628	0.91424385	BMS1P22
NA	ENSG00000232777	0.173733	0.01914545	0.38484597	0.78225479	NA	MRPL51P2
NA	ENSG00000232778	0.7532944	0.02277787	0.38372836	0.57983222	NA	RPL23AP50
NA	ENSG00000232780	0	NA	NA	NA	NA	GAPDHP74
NA	ENSG00000232783	0	NA	NA	NA	NA	FRG2FP
NA	ENSG00000232786	0	NA	NA	NA	NA	TIMM9P3
NA	ENSG00000232787	0	NA	NA	NA	NA	OR7L1P
101929947	ENSG00000232788	0	NA	NA	NA	NA	ITGA6-AS1
NA	ENSG00000232789	0	NA	NA	NA	NA	
104355138	ENSG00000232790	0	NA	NA	NA	NA	LINC01162
NA	ENSG00000232791	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OR11I1P
NA	ENSG00000232792	0	NA	NA	NA	NA	FTH1P25
NA	ENSG00000232793	0	NA	NA	NA	NA	DNAJC19P8
NA	ENSG00000232794	0	NA	NA	NA	NA	HNRNPDP1
NA	ENSG00000232795	0	NA	NA	NA	NA	SCAND3P1
NA	ENSG00000232797	0	NA	NA	NA	NA	FAM207CP
NA	ENSG00000232798	0	NA	NA	NA	NA	
NA	ENSG00000232799	0	NA	NA	NA	NA	CRYGFP
NA	ENSG00000232800	0	NA	NA	NA	NA	SLC7A15P
NA	ENSG00000232801	0	NA	NA	NA	NA	SDCBPP3
100127888	ENSG00000232803	11.3142429	0.00879002	0.34674632	0.95600473	0.98188817	SLCO4A1-AS1
NA	ENSG00000232805	0	NA	NA	NA	NA	NIP7P1

NA	ENSG00000232806	0	NA	NA	NA	NA	
NA	ENSG00000232807	23.6650118	0.18721043	0.33494541	0.35047067	0.58089708	
252951	ENSG00000232808	0	NA	NA	NA	NA	TTY20
NA	ENSG00000232809	0	NA	NA	NA	NA	VDAC1P10
7124	ENSG00000232810	0	NA	NA	NA	NA	TNF
NA	ENSG00000232811	10.4004886	-0.17771749	0.38700689	0.29188517	0.5179626	
105372893	ENSG00000232812	0.99944232	-0.05367288	0.38925418	0.2477979	NA	LINC01717
NA	ENSG00000232813	0	NA	NA	NA	NA	S100A11P6
100874203	ENSG00000232814	0.173124	-0.01911262	0.38486262	0.84537521	NA	COL4A2-AS1
NA	ENSG00000232815	269.708239	-0.08695549	0.14252935	0.50989539	0.72545712	DUX4L50
NA	ENSG00000232818	124.287999	-0.3240388	0.21086142	0.06949757	0.19044638	RPS2P32
NA	ENSG00000232821	80.1861194	-1.26246262	0.29589	1.73E-06	1.88E-05	
NA	ENSG00000232823	0	NA	NA	NA	NA	TXNP1
NA	ENSG00000232824	0	NA	NA	NA	NA	PRR13P1
100129620	ENSG00000232825	0.79086601	-0.03612053	0.38478166	0.48544408	NA	
NA	ENSG00000232827	17.2567865	0.16594199	0.36470498	0.3594758	0.58949503	LINC01189
NA	ENSG00000232828	1.19938415	-0.03101429	0.38152969	0.62007241	NA	
NA	ENSG00000232829	0	NA	NA	NA	NA	GSTO3P
NA	ENSG00000232830	0	NA	NA	NA	NA	
100873947	ENSG00000232832	0	NA	NA	NA	NA	LMLN-AS1
NA	ENSG00000232834	0	NA	NA	NA	NA	
NA	ENSG00000232835	0	NA	NA	NA	NA	
101928435	ENSG00000232837	0	NA	NA	NA	NA	LINC01700
100303755	ENSG00000232838	150.715083	-0.19273091	0.18256815	0.22956963	0.44518243	PET117
NA	ENSG00000232841	0	NA	NA	NA	NA	BRWD1P3
NA	ENSG00000232842	0.54681185	0.03264821	0.38620815	0.45559043	NA	KAT7P1
NA	ENSG00000232843	0	NA	NA	NA	NA	SNX18P2
NA	ENSG00000232845	0	NA	NA	NA	NA	TRAPPC2P9
NA	ENSG00000232846	0	NA	NA	NA	NA	SLC25A6P3
NA	ENSG00000232848	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000232849	0	NA	NA	NA	NA	LINC00363
389791	ENSG00000232850	2.62380957	-0.01591791	0.37082796	0.87332129	0.94441388	
NA	ENSG00000232851	0	NA	NA	NA	NA	ATP5MFP3
NA	ENSG00000232852	0.96283617	-0.04718892	0.3850622	0.39949657	NA	CICP4
NA	ENSG00000232853	0	NA	NA	NA	NA	LUZP4P1
NA	ENSG00000232855	3.49775799	0.16349366	0.43253763	0.02266787	0.08053912	
NA	ENSG00000232857	0	NA	NA	NA	NA	KATNBL1P2
NA	ENSG00000232858	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL34P27

201229	ENSG00000232859	54.7636653	0.42990137	0.34999408	0.06889812	0.18927425	LYRM9
NA	ENSG00000232860	41.3773235	-0.23917464	0.31629872	0.25352762	0.47391189	SMG7-AS1
NA	ENSG00000232862	2.06969931	-0.08429022	0.38899397	0.31548269	NA	
NA	ENSG00000232864	0	NA	NA	NA	NA	NUCKS1P1
NA	ENSG00000232867	0	NA	NA	NA	NA	
NA	ENSG00000232869	0	NA	NA	NA	NA	TRBV29-1
653677	ENSG00000232871	7.8669285	3.67375778	1.57340069	0.00095104	0.00567478	SEC1P
NA	ENSG00000232872	12.3159941	0.05007155	0.33321569	0.77131614	0.89515442	CTAGE3P
NA	ENSG00000232873	0	NA	NA	NA	NA	RPL23AP93
NA	ENSG00000232874	0	NA	NA	NA	NA	
NA	ENSG00000232875	0	NA	NA	NA	NA	HMG2P35
NA	ENSG00000232876	0.88454989	0.03624858	0.38442939	0.44981517	NA	
100873932	ENSG00000232878	0.16735865	0.01897177	0.38482933	0.78225479	NA	DPYD-AS1
NA	ENSG00000232879	0.173124	-0.01911262	0.38486262	0.84537521	NA	GLRX5P2
NA	ENSG00000232880	0	NA	NA	NA	NA	NDUFB4P10
NA	ENSG00000232881	0	NA	NA	NA	NA	RPS10P21
NA	ENSG00000232882	1.41604309	-0.00332716	0.38071589	0.95195783	NA	PHKA1P1
NA	ENSG00000232883	0	NA	NA	NA	NA	
NA	ENSG00000232884	0	NA	NA	NA	NA	
NA	ENSG00000232885	0	NA	NA	NA	NA	GPC5-AS2
NA	ENSG00000232886	0	NA	NA	NA	NA	
NA	ENSG00000232887	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000232888	7.87263634	0.06815549	0.35522958	0.65128381	0.82581139	RPS11P5
NA	ENSG00000232889	0	NA	NA	NA	NA	
NA	ENSG00000232891	0	NA	NA	NA	NA	
101928404	ENSG00000232892	8.89543568	0.04388918	0.35382773	0.76374099	0.89122581	RGS5-AS1
NA	ENSG00000232893	0	NA	NA	NA	NA	IQCA1-AS1
NA	ENSG00000232894	1.47406867	0.09932377	0.40164612	0.07167444	NA	MRPS31P2
NA	ENSG00000232895	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000232896	0	NA	NA	NA	NA	
NA	ENSG00000232897	0	NA	NA	NA	NA	
101929413	ENSG00000232900	0	NA	NA	NA	NA	
NA	ENSG00000232901	3.50228779	-0.04202132	0.37113414	0.69599571	0.8531799	CYCSP10
101927590	ENSG00000232903	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC01166
NA	ENSG00000232905	0	NA	NA	NA	NA	
NA	ENSG00000232906	25.8446322	-0.85072258	0.52138226	0.00964135	0.04027888	
101926987	ENSG00000232907	1.10853759	-0.03771242	0.38421261	0.44189853	NA	DLGAP4-AS1
NA	ENSG00000232908	0	NA	NA	NA	NA	HSD17B7P1

	NA	ENSG00000232909	3.69312787	0.12857376	0.39973616	0.23364571	0.45053268	
	NA	ENSG00000232910	0	NA	NA	NA	NA	RAB9AP1
	NA	ENSG00000232912	0.30001562	-0.02294458	0.38527538	0.68644891	NA	RERE-AS1
101927049		ENSG00000232913	0	NA	NA	NA	NA	PLCE1-AS2
	NA	ENSG00000232914	0	NA	NA	NA	NA	TRAPPC2P4
	NA	ENSG00000232915	0.173733	0.01914545	0.38484597	0.78225479	NA	RNF14P1
	NA	ENSG00000232916	0	NA	NA	NA	NA	HMG22P27
	NA	ENSG00000232917	0	NA	NA	NA	NA	HSPE1P6
	NA	ENSG00000232918	0	NA	NA	NA	NA	
	NA	ENSG00000232920	0	NA	NA	NA	NA	LINC01400
	NA	ENSG00000232922	0	NA	NA	NA	NA	MTND6P24
	NA	ENSG00000232924	0	NA	NA	NA	NA	ELOCP4
	NA	ENSG00000232925	0	NA	NA	NA	NA	MRPS16P2
	NA	ENSG00000232926	3.54759011	0.00624571	0.36668825	0.9571808	0.98264776	
	NA	ENSG00000232927	0	NA	NA	NA	NA	USP12PY
	NA	ENSG00000232928	1.5811709	0.0495438	0.38207346	0.50860535	NA	DDX3P1
	NA	ENSG00000232930	0	NA	NA	NA	NA	
	NA	ENSG00000232931	761.573245	-0.18768682	0.1030418	0.05800839	0.16698875	LINC00342
	NA	ENSG00000232934	1.44761175	0.02742827	0.37990524	0.69519844	NA	
	NA	ENSG00000232935	0	NA	NA	NA	NA	
	NA	ENSG00000232936	6.24224701	-0.21429071	0.43255449	0.15328227	0.33809007	
	NA	ENSG00000232937	0	NA	NA	NA	NA	
388574		ENSG00000232938	1.63755709	-0.01832574	0.37856266	0.79808811	NA	RPL23AP87
107987013		ENSG00000232939	0	NA	NA	NA	NA	
414765		ENSG00000232940	24.1751378	-0.07906734	0.31084521	0.67345053	0.83953925	HCG25
	NA	ENSG00000232943	0	NA	NA	NA	NA	GGCTP2
	NA	ENSG00000232944	0	NA	NA	NA	NA	
	NA	ENSG00000232946	0.81258357	-0.0095408	0.38089005	0.8661131	NA	RPL35AP20
	NA	ENSG00000232947	0	NA	NA	NA	NA	LINC02543
	NA	ENSG00000232949	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000232950	0	NA	NA	NA	NA	ZNF519P1
	NA	ENSG00000232951	0	NA	NA	NA	NA	IPO7P1
	NA	ENSG00000232952	0	NA	NA	NA	NA	
	NA	ENSG00000232953	0.30139824	-0.02296476	0.38527817	0.68536535	NA	HSPA8P18
106144531		ENSG00000232954	0	NA	NA	NA	NA	LINC00374
285958		ENSG00000232956	993.90651	-0.05132346	0.09321041	0.56945068	0.77018894	SNHG15
	NA	ENSG00000232958	0	NA	NA	NA	NA	
	NA	ENSG00000232959	0	NA	NA	NA	NA	

NA	ENSG00000232963	0	NA	NA	NA	NA	HMG2P20
101927553	ENSG00000232964	0	NA	NA	NA	NA	LINC01737
NA	ENSG00000232965	0	NA	NA	NA	NA	RPS12P18
NA	ENSG00000232968	0	NA	NA	NA	NA	EIF4EP4
NA	ENSG00000232969	0	NA	NA	NA	NA	
NA	ENSG00000232970	0	NA	NA	NA	NA	POLHP1
NA	ENSG00000232971	0	NA	NA	NA	NA	
285154	ENSG00000232973	11.2966426	0.18009038	0.37849251	0.30965009	0.53743835	CYP1B1-AS1
NA	ENSG00000232975	0	NA	NA	NA	NA	MTCO1P57
NA	ENSG00000232976	0	NA	NA	NA	NA	TRIM60P10Y
100506697	ENSG00000232977	8.63176547	-0.15254278	0.37983124	0.34153596	0.57180671	LINC00327
NA	ENSG00000232978	0	NA	NA	NA	NA	
NA	ENSG00000232979	0	NA	NA	NA	NA	
NA	ENSG00000232981	0	NA	NA	NA	NA	MTCO1P51
NA	ENSG00000232982	0	NA	NA	NA	NA	MTCO1P45
NA	ENSG00000232983	3.88530796	-0.07848941	0.37624671	0.49851478	0.71624312	
NA	ENSG00000232985	0	NA	NA	NA	NA	
NA	ENSG00000232986	0	NA	NA	NA	NA	
NA	ENSG00000232987	0.70516209	0.02761756	0.38373446	0.56439247	NA	LINC01219
NA	ENSG00000232989	0	NA	NA	NA	NA	
NA	ENSG00000232990	0	NA	NA	NA	NA	MTATP6P7
104326057	ENSG00000232991	0	NA	NA	NA	NA	GACAT1
NA	ENSG00000232992	0	NA	NA	NA	NA	AHCYP4
NA	ENSG00000232993	0	NA	NA	NA	NA	
NA	ENSG00000232994	0	NA	NA	NA	NA	RPL7P14
8490	ENSG00000232995	48.852467	0.13942859	0.26715561	0.47924449	0.70061045	
NA	ENSG00000232998	0	NA	NA	NA	NA	VPS13A-AS1
NA	ENSG00000232999	0	NA	NA	NA	NA	
NA	ENSG00000233002	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TBC1D26-AS1
NA	ENSG00000233003	0	NA	NA	NA	NA	CICP26
NA	ENSG00000233005	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
553103	ENSG00000233006	110.355068	-0.10404281	0.20519342	0.5473355	0.75427171	MIR3936HG
NA	ENSG00000233007	0	NA	NA	NA	NA	UBTFL11
101927560	ENSG00000233008	0	NA	NA	NA	NA	LINC01725
101927587	ENSG00000233008	0	NA	NA	NA	NA	LINC01725
100885778	ENSG00000233009	0	NA	NA	NA	NA	NALCN-AS1
NA	ENSG00000233010	0	NA	NA	NA	NA	RPEP4
NA	ENSG00000233011	0	NA	NA	NA	NA	SLC9A3P1

NA	ENSG00000233012	2.52328427	-0.00298107	0.37082127	0.97446425	NA	HDAC1P2
NA	ENSG00000233013	0	NA	NA	NA	NA	FAM157B
NA	ENSG00000233014	0	NA	NA	NA	NA	TBC1D3P7
NA	ENSG00000233015	0	NA	NA	NA	NA	SLC25A6P1
84973	ENSG00000233016	996.044046	-0.16540438	0.09709873	0.07747544	0.20649016	SNHG7
NA	ENSG00000233017	0.55417886	0.03300194	0.38624548	0.45053656	NA	
NA	ENSG00000233018	0	NA	NA	NA	NA	
NA	ENSG00000233020	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CHORDC1P5
NA	ENSG00000233021	0	NA	NA	NA	NA	
NA	ENSG00000233024	1209.12305	0.10657361	0.08673436	0.207294	0.41450442	NPIPA9
NA	ENSG00000233025	16.6273377	-0.11845887	0.33799666	0.5133411	0.72857053	CRYZP1
NA	ENSG00000233026	0	NA	NA	NA	NA	MTCO1P5
NA	ENSG00000233028	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000233029	1.49401281	-0.0782874	0.39514498	0.11281625	NA	
NA	ENSG00000233030	4.86712642	0.00099025	0.36630718	0.99523809	0.99852582	
NA	ENSG00000233031	0	NA	NA	NA	NA	
NA	ENSG00000233033	0	NA	NA	NA	NA	CASK-AS1
NA	ENSG00000233036	0	NA	NA	NA	NA	KRTAP8-2P
NA	ENSG00000233037	0	NA	NA	NA	NA	
NA	ENSG00000233038	4.24467319	-0.21189413	0.44773708	0.10017186	0.24951784	PTPRN2-AS1
NA	ENSG00000233039	0	NA	NA	NA	NA	MTND5P30
NA	ENSG00000233040	0	NA	NA	NA	NA	FAM204BP
644844	ENSG00000233041	0	NA	NA	NA	NA	PHGR1
NA	ENSG00000233044	0	NA	NA	NA	NA	
NA	ENSG00000233045	0	NA	NA	NA	NA	RPL15P5
NA	ENSG00000233047	0	NA	NA	NA	NA	LINC01677
101929486	ENSG00000233048	0.47372291	-0.0075172	0.38323222	0.86307752	NA	LINC01722
100133267	ENSG00000233050	0	NA	NA	NA	NA	DEFB130B
NA	ENSG00000233052	0	NA	NA	NA	NA	
NA	ENSG00000233055	0	NA	NA	NA	NA	
90625	ENSG00000233056	6.74398885	0.00534639	0.35398045	0.9713934	0.98929444	ERVH48-1
NA	ENSG00000233057	0.173733	0.01914545	0.38484597	0.78225479	NA	EEF1A1P14
NA	ENSG00000233058	22.0732156	-0.01583297	0.31308518	0.92857499	0.97011965	LINC00884
NA	ENSG00000233060	0.31840706	0.00134555	0.38336832	0.96418641	NA	
NA	ENSG00000233061	0.83924869	-0.00746192	0.38008932	0.9024069	NA	TTL7-IT1
NA	ENSG00000233063	0	NA	NA	NA	NA	SAR1AP4
NA	ENSG00000233064	0	NA	NA	NA	NA	
NA	ENSG00000233067	0	NA	NA	NA	NA	PTCHD1-AS

NA	ENSG00000233068	0	NA	NA	NA	NA	
NA	ENSG00000233069	0	NA	NA	NA	NA	
107987337	ENSG00000233070	0	NA	NA	NA	NA	ZFY-AS1
NA	ENSG00000233071	0	NA	NA	NA	NA	RPSAP59
NA	ENSG00000233072	0.34044929	-9.56E-05	0.38336216	0.96615866	NA	RPS15AP6
NA	ENSG00000233073	95.3172357	0.51558576	0.24978026	0.01208261	0.04850647	GRM3-AS1
101927586	ENSG00000233077	43.4739161	0.46260193	0.37851234	0.05926667	0.16956407	LINC01271
NA	ENSG00000233078	0	NA	NA	NA	NA	
105378738	ENSG00000233079	0	NA	NA	NA	NA	LINC01755
104310353	ENSG00000233080	5.6599149	-0.11340105	0.37931169	0.39819047	0.62727695	LINC01399
NA	ENSG00000233081	0	NA	NA	NA	NA	
NA	ENSG00000233082	0	NA	NA	NA	NA	
NA	ENSG00000233083	0	NA	NA	NA	NA	FTH1P6
NA	ENSG00000233084	0.5972779	-0.02732172	0.38586499	0.50076333	NA	RPL23AP25
NA	ENSG00000233085	0	NA	NA	NA	NA	
102723932	ENSG00000233086	0.43647774	0.01554388	0.38405488	0.81169287	NA	LNCARSR
150786	ENSG00000233087	0.92801236	0.05156086	0.38894934	0.2463468	NA	RAB6D
NA	ENSG00000233090	0	NA	NA	NA	NA	
100128420	ENSG00000233093	0	NA	NA	NA	NA	LINC00892
NA	ENSG00000233096	0	NA	NA	NA	NA	
339260	ENSG00000233098	1022.39369	0.18576711	0.08260365	0.02117142	0.07623248	CCDC144NL-AS1
440416	ENSG00000233098	1022.39369	0.18576711	0.08260365	0.02117142	0.07623248	CCDC144NL-AS1
NA	ENSG00000233099	0	NA	NA	NA	NA	
404266	ENSG00000233101	0	NA	NA	NA	NA	HOXB-AS3
NA	ENSG00000233103	0	NA	NA	NA	NA	
NA	ENSG00000233105	0	NA	NA	NA	NA	
NA	ENSG00000233106	0	NA	NA	NA	NA	RPL12P3
NA	ENSG00000233107	0	NA	NA	NA	NA	SUCLA2P2
NA	ENSG00000233108	0.69648091	0.02502893	0.38340441	0.5797871	NA	GLCCII-DT
NA	ENSG00000233109	0	NA	NA	NA	NA	
NA	ENSG00000233110	12.6325471	0.51585204	0.67471245	0.04304253	0.13276806	
NA	ENSG00000233111	0.18922458	0.01954053	0.38488496	0.78225479	NA	RAB1C
NA	ENSG00000233114	0	NA	NA	NA	NA	
NA	ENSG00000233115	0	NA	NA	NA	NA	FAM90A11P
NA	ENSG00000233117	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC00702
NA	ENSG00000233118	0	NA	NA	NA	NA	UBE2V1P8
NA	ENSG00000233120	0	NA	NA	NA	NA	USP9YP15
NA	ENSG00000233121	1.50300465	0.01995267	0.37786284	0.79315996	NA	VN1R20P

	NA	ENSG00000233122	10.3969894	-0.07702681	0.34993196	0.62797282	0.81117654	CTAGE7P
100506527		ENSG00000233123	0	NA	NA	NA	NA	LINC01007
	NA	ENSG00000233124	0	NA	NA	NA	NA	LINC00456
	NA	ENSG00000233125	0	NA	NA	NA	NA	ACTBP12
	NA	ENSG00000233126	0	NA	NA	NA	NA	ZNF736P3Y
	NA	ENSG00000233128	0	NA	NA	NA	NA	LINC01794
	NA	ENSG00000233129	0	NA	NA	NA	NA	
	NA	ENSG00000233131	0.49146578	0.01456854	0.38312136	0.75331796	NA	RPS15AP14
	NA	ENSG00000233132	0	NA	NA	NA	NA	FAM90A3P
	NA	ENSG00000233133	0	NA	NA	NA	NA	
	NA	ENSG00000233134	0.37844916	0.02407552	0.3854191	0.60038877	NA	MTND3P17
	NA	ENSG00000233135	0	NA	NA	NA	NA	RPS27P18
100287178		ENSG00000233136	0	NA	NA	NA	NA	USP17L11
	NA	ENSG00000233138	0	NA	NA	NA	NA	
	NA	ENSG00000233139	0	NA	NA	NA	NA	
	NA	ENSG00000233143	3.82178704	0.17420691	0.42547035	0.11387404	0.27408236	DIRC3-AS1
	NA	ENSG00000233144	0	NA	NA	NA	NA	
728660		ENSG00000233145	0	NA	NA	NA	NA	
	NA	ENSG00000233146	0	NA	NA	NA	NA	BPIFB5P
	NA	ENSG00000233148	0	NA	NA	NA	NA	SYF2P2
100505877		ENSG00000233153	0.37844916	0.02407552	0.3854191	0.60038877	NA	UBE2E2-AS1
101929023		ENSG00000233154	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01762
	NA	ENSG00000233155	9.84019775	-0.03948441	0.3437236	0.80117494	0.90897872	HMGA1P8
	NA	ENSG00000233157	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000233158	0	NA	NA	NA	NA	RPS24P6
	NA	ENSG00000233159	0	NA	NA	NA	NA	RPL31P16
	NA	ENSG00000233162	0	NA	NA	NA	NA	MORF4L1P6
	NA	ENSG00000233163	0	NA	NA	NA	NA	RPS12P17
	NA	ENSG00000233167	0	NA	NA	NA	NA	EEF1A1P26
	NA	ENSG00000233170	10.6892032	0.14625149	0.36682966	0.39139356	0.62087218	
	NA	ENSG00000233173	0.87174124	0.01391941	0.38242086	0.76628248	NA	VN1R34P
	NA	ENSG00000233175	18.4090385	0.25011812	0.39081158	0.21135513	0.42054798	
	NA	ENSG00000233176	0	NA	NA	NA	NA	OR7E157P
	NA	ENSG00000233178	13.6844309	0.14317873	0.35375333	0.42377702	0.64959716	
	NA	ENSG00000233179	0	NA	NA	NA	NA	
	NA	ENSG00000233183	0	NA	NA	NA	NA	
	NA	ENSG00000233184	289.992876	0.08591527	0.15916731	0.55389642	0.75992705	
	NA	ENSG00000233186	0	NA	NA	NA	NA	KLF4P1

NA	ENSG00000233189	0.52119901	0.02576573	0.38568143	0.51723676	NA	RPL12P29
NA	ENSG00000233190	0	NA	NA	NA	NA	RPS24P13
NA	ENSG00000233191	2.59707413	0.09829278	0.40190595	0.04304255	0.13276806	
NA	ENSG00000233193	0	NA	NA	NA	NA	
NA	ENSG00000233196	0	NA	NA	NA	NA	
NA	ENSG00000233197	0	NA	NA	NA	NA	TMEM256P1
643596	ENSG00000233198	39.8928874	0.3696043	0.35771161	0.10893915	0.26521666	RNF224
NA	ENSG00000233200	0	NA	NA	NA	NA	LINC02634
NA	ENSG00000233203	0	NA	NA	NA	NA	DHCR24-DT
NA	ENSG00000233204	0	NA	NA	NA	NA	MAPRE1P3
NA	ENSG00000233205	0.173124	-0.01911262	0.38486262	0.84537521	NA	WBP1P2
NA	ENSG00000233206	0	NA	NA	NA	NA	RPS3AP1
400238	ENSG00000233208	15.9902963	-2.33798047	0.92788943	0.00029179	0.00199549	LINC00642
NA	ENSG00000233211	0	NA	NA	NA	NA	GRPEL2P1
NA	ENSG00000233213	0	NA	NA	NA	NA	KCNJ6-AS1
NA	ENSG00000233214	0	NA	NA	NA	NA	
101927843	ENSG00000233215	0	NA	NA	NA	NA	LINC01687
NA	ENSG00000233216	0	NA	NA	NA	NA	
NA	ENSG00000233217	0	NA	NA	NA	NA	MROH3P
NA	ENSG00000233219	0	NA	NA	NA	NA	
NA	ENSG00000233220	2.11904881	0.05823672	0.38209996	0.48056298	NA	LINC00167
NA	ENSG00000233221	0.91035094	-0.0478848	0.38825341	0.29250838	NA	
NA	ENSG00000233222	0	NA	NA	NA	NA	
100996842	ENSG00000233223	61.226523	0.01885977	0.25007071	0.92259028	0.96755425	
NA	ENSG00000233225	0	NA	NA	NA	NA	SSBL3P1
NA	ENSG00000233228	0	NA	NA	NA	NA	LPCAT2BP
NA	ENSG00000233229	0	NA	NA	NA	NA	CNOT7P1
NA	ENSG00000233230	6.59674346	0.00155279	0.3566663	0.99271635	0.99756121	
NA	ENSG00000233231	14.2090389	0.16992292	0.3599018	0.36053159	0.59046856	HNRNPA1P49
NA	ENSG00000233232	5.18661604	0.05025548	0.36700401	0.68273311	0.84521822	NPIP7
NA	ENSG00000233234	0	NA	NA	NA	NA	
NA	ENSG00000233235	0	NA	NA	NA	NA	
NA	ENSG00000233236	0	NA	NA	NA	NA	LINC02573
79940	ENSG00000233237	55.5053771	0.59394154	0.35238787	0.01882958	0.06937398	LINC00472
449492	ENSG00000233238	0	NA	NA	NA	NA	DEFA9P
NA	ENSG00000233242	1.05092183	0.00321701	0.38107755	0.98901193	NA	
NA	ENSG00000233243	0	NA	NA	NA	NA	VKORC1P1
101929464	ENSG00000233246	0.69493202	0.03154416	0.38626309	0.41391645	NA	PHC2-AS1

	NA	ENSG00000233247	0	NA	NA	NA	NA	UBE2E4P
	NA	ENSG00000233248	0.16735865	0.01897177	0.38482933	0.78225479	NA	MTND6P9
	NA	ENSG00000233250	0.51691858	0.03120033	0.38606116	0.47664792	NA	
100129434	NA	ENSG00000233251	1.75907707	0.03251738	0.37848906	0.6789588	NA	
	NA	ENSG00000233252	0	NA	NA	NA	NA	CRIP1P1
	NA	ENSG00000233254	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL21P134
	NA	ENSG00000233256	0	NA	NA	NA	NA	
	NA	ENSG00000233258	0	NA	NA	NA	NA	
	NA	ENSG00000233259	0	NA	NA	NA	NA	FABP3P2
	NA	ENSG00000233260	0	NA	NA	NA	NA	RPSAP63
645528	NA	ENSG00000233261	0.48778514	-0.00693809	0.38316506	0.85998954	NA	FAM238A
	NA	ENSG00000233262	0	NA	NA	NA	NA	
	NA	ENSG00000233263	0	NA	NA	NA	NA	CAPZA1P4
	NA	ENSG00000233264	16.1471474	0.34691562	0.45258974	0.1168258	0.27969395	
	NA	ENSG00000233266	1.47021077	-0.05924001	0.38428931	0.42396495	NA	HMGB1P31
	NA	ENSG00000233268	0	NA	NA	NA	NA	
	NA	ENSG00000233270	1.7680711	-0.02179788	0.37766414	0.77694667	NA	SNRPEP4
	NA	ENSG00000233271	0	NA	NA	NA	NA	
	NA	ENSG00000233272	0	NA	NA	NA	NA	PNPT1P2
	NA	ENSG00000233273	0.77363104	-0.04346419	0.38759344	0.33888286	NA	AMMECR1LP1
	NA	ENSG00000233275	0	NA	NA	NA	NA	
2876	NA	ENSG00000233276	2695.97	-0.25236224	0.07203008	0.00035276	0.00236603	GPX1
105372626	NA	ENSG00000233277	0	NA	NA	NA	NA	LINC01728
	NA	ENSG00000233278	0	NA	NA	NA	NA	RPS26P2
	NA	ENSG00000233285	0	NA	NA	NA	NA	MTCYBP10
	NA	ENSG00000233286	0.45082492	-0.02735293	0.38571742	0.56101329	NA	MTND3P10
	NA	ENSG00000233287	0	NA	NA	NA	NA	
101928401	NA	ENSG00000233288	9.38647179	-2.69112683	1.14665304	0.00081137	0.00493414	
	NA	ENSG00000233290	0	NA	NA	NA	NA	
	NA	ENSG00000233291	0	NA	NA	NA	NA	RPL7AP61
	NA	ENSG00000233292	0	NA	NA	NA	NA	
	NA	ENSG00000233293	0	NA	NA	NA	NA	
	NA	ENSG00000233295	0	NA	NA	NA	NA	FAM90A20P
	NA	ENSG00000233296	13.4076649	0.11360733	0.34762093	0.51506229	0.72955207	TMEM18-DT
	NA	ENSG00000233297	56.1295856	-0.15249119	0.25940426	0.43469538	0.660162	RASA4DP
	NA	ENSG00000233299	0	NA	NA	NA	NA	HIGD1AP4
	NA	ENSG00000233300	1.23357483	0.0374468	0.38344907	0.51314561	NA	EIF4A1P1
	NA	ENSG00000233301	0	NA	NA	NA	NA	OR4C14P

100874528	ENSG00000233303	0	NA	NA	NA	NA	XXYLT1-AS1	
	NA	ENSG00000233304	0	NA	NA	NA	LINC01346	
	NA	ENSG00000233306	0	NA	NA	NA	TRGV2	
	NA	ENSG00000233307	0	NA	NA	NA	SRSF3P6	
106480738	ENSG00000233308	0	NA	NA	NA	NA	OSTN-AS1	
	NA	ENSG00000233309	0.44795842	-0.02501848	0.38558245	0.5807882	RPS6P12	
	NA	ENSG00000233311	0.83215765	0.03671094	0.38458281	0.4655258	MTCO1P54	
	NA	ENSG00000233313	0	NA	NA	NA	HMGA1P5	
259234	ENSG00000233316	0	NA	NA	NA	NA	DSCR10	
	NA	ENSG00000233318	0	NA	NA	NA	RPL31P45	
	NA	ENSG00000233319	0.173733	0.01914545	0.38484597	0.78225479	PPIAP32	
101927880	ENSG00000233321	0	NA	NA	NA	NA	LINC02669	
	NA	ENSG00000233324	0.32381664	-0.02327294	0.38532133	0.66861283	EEF1A1P34	
	NA	ENSG00000233325	2.525041	0.1010711	0.39654285	0.20588711	MIPEPP3	
	NA	ENSG00000233327	3.79326445	0.11756802	0.39776934	0.22500236	0.43877008	USP32P2
	NA	ENSG00000233328	0	NA	NA	NA	PFN1P1	
	NA	ENSG00000233329	0	NA	NA	NA	RPS16P3	
	NA	ENSG00000233330	1.11688825	-0.02410096	0.38187069	0.6694154	NA	
	NA	ENSG00000233332	0.68429127	-0.02111788	0.38304363	0.64672392	NA	
	NA	ENSG00000233333	0	NA	NA	NA	RNFT1P2	
	NA	ENSG00000233334	0.48521267	0.01106942	0.38339007	0.78959266	NA	FAM53B-AS1
	NA	ENSG00000233335	0	NA	NA	NA	NA	RPL36AP14
	NA	ENSG00000233336	0	NA	NA	NA	NA	
	NA	ENSG00000233337	3.82952082	-0.11303893	0.39355277	0.28020246	0.50483262	UBE2FP3
	NA	ENSG00000233338	0	NA	NA	NA	NA	TLR8-AS1
	NA	ENSG00000233339	0	NA	NA	NA	NA	
	NA	ENSG00000233340	0	NA	NA	NA	NA	
	NA	ENSG00000233342	0	NA	NA	NA	NA	
	NA	ENSG00000233343	0.16735865	0.01897177	0.38482933	0.78225479	NA	ATP6V1G1P4
	NA	ENSG00000233347	0.44961913	-0.02729407	0.3857126	0.56200977	NA	ERP29P1
	NA	ENSG00000233349	0	NA	NA	NA	NA	LINC00333
	NA	ENSG00000233351	0	NA	NA	NA	NA	
	NA	ENSG00000233352	0	NA	NA	NA	NA	
	NA	ENSG00000233353	0	NA	NA	NA	NA	RPS7P9
140875	ENSG00000233354	0	NA	NA	NA	NA	NA	LINC00028
100506915	ENSG00000233355	6.56810669	0.07789331	0.37059569	0.5329173	0.74405906	NA	CHRM3-AS2
	NA	ENSG00000233357	0	NA	NA	NA	NA	RPL30P15
	NA	ENSG00000233358	0.29863895	-0.02292439	0.3852726	0.68753245	NA	

NA	ENSG00000233359	0	NA	NA	NA	NA	
101927051	ENSG00000233360	3.27244511	0.16298306	0.42005045	0.13074057	0.30298947	PDXP-DT
NA	ENSG00000233363	0	NA	NA	NA	NA	
101929297	ENSG00000233365	0	NA	NA	NA	NA	
NA	ENSG00000233366	0.51729149	-0.00944461	0.38322376	0.82463624	NA	ZNF90P2
NA	ENSG00000233367	0	NA	NA	NA	NA	
100093631	ENSG00000233369	4373.70881	0.01123297	0.06286434	0.85694937	0.93609679	GTF2IP4
NA	ENSG00000233370	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ACTR1AP1
NA	ENSG00000233372	0.35694074	0.02381893	0.38538135	0.61388594	NA	
NA	ENSG00000233376	0	NA	NA	NA	NA	
NA	ENSG00000233377	0	NA	NA	NA	NA	MTND4P20
NA	ENSG00000233378	0	NA	NA	NA	NA	USP9YP34
NA	ENSG00000233379	0	NA	NA	NA	NA	
NA	ENSG00000233380	0	NA	NA	NA	NA	RPS2P48
NA	ENSG00000233381	8.54782891	-0.02623157	0.34537779	0.86302931	0.93919706	AK4P3
158801	ENSG00000233382	2.92505036	0.10361977	0.39302994	0.25170937	0.47152431	NKAPP1
NA	ENSG00000233383	0	NA	NA	NA	NA	
NA	ENSG00000233384	0	NA	NA	NA	NA	CNIH3-AS2
NA	ENSG00000233385	0	NA	NA	NA	NA	MTCO3P8
NA	ENSG00000233387	0	NA	NA	NA	NA	IATPR
NA	ENSG00000233388	0.48686418	-0.00618552	0.38313638	0.87090924	NA	
200772	ENSG00000233392	0	NA	NA	NA	NA	UICLM
105369306	ENSG00000233393	0	NA	NA	NA	NA	
NA	ENSG00000233395	0	NA	NA	NA	NA	LINC00841
NA	ENSG00000233396	181.561095	-0.28866513	0.19180063	0.08339401	0.21803706	LINC01719
NA	ENSG00000233397	0	NA	NA	NA	NA	
101929406	ENSG00000233399	0	NA	NA	NA	NA	LINC01648
NA	ENSG00000233401	0	NA	NA	NA	NA	PRKAR1AP1
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NA	ENSG00000233403	0	NA	NA	NA	NA	
NA	ENSG00000233405	0	NA	NA	NA	NA	LINC01046
NA	ENSG00000233406	0.68727598	-0.01908066	0.38352342	0.66647457	NA	
NA	ENSG00000233407	0	NA	NA	NA	NA	
NA	ENSG00000233408	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101410540	ENSG00000233409	0	NA	NA	NA	NA	FANK1-AS1
NA	ENSG00000233410	0	NA	NA	NA	NA	LINC01222
NA	ENSG00000233411	0	NA	NA	NA	NA	
403274	ENSG00000233412	0	NA	NA	NA	NA	OR5H15

NA	ENSG00000233415	0	NA	NA	NA	NA	
NA	ENSG00000233416	0.34089647	0.00314922	0.38339449	0.95837938	NA	RPS25P3
NA	ENSG00000233417	0	NA	NA	NA	NA	
NA	ENSG00000233419	0	NA	NA	NA	NA	IFITM3P7
NA	ENSG00000233420	0.5100672	-0.00963373	0.38325521	0.82712646	NA	
100132147	ENSG00000233421	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01783
NA	ENSG00000233423	0	NA	NA	NA	NA	
NA	ENSG00000233424	0	NA	NA	NA	NA	
NA	ENSG00000233425	0	NA	NA	NA	NA	KRT18P67
NA	ENSG00000233426	0.63305598	0.00167829	0.38251026	0.96698172	NA	EIF3FP3
NA	ENSG00000233427	1.59003024	-0.01413807	0.37825368	0.84392425	NA	
NA	ENSG00000233428	0	NA	NA	NA	NA	PPIAP65
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NA	ENSG00000233430	0	NA	NA	NA	NA	PDE4DIPP3
NA	ENSG00000233431	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02596
NA	ENSG00000233432	0	NA	NA	NA	NA	MTIF2P1
NA	ENSG00000233433	0	NA	NA	NA	NA	CBLL1P1
NA	ENSG00000233435	47.8083087	-0.24561692	0.28432034	0.23320615	0.45004948	AGGF1P2
643376	ENSG00000233436	2.9178701	0.00738375	0.37377423	0.93659988	0.97351594	BTBD18
100130849	ENSG00000233437	0	NA	NA	NA	NA	
NA	ENSG00000233440	0	NA	NA	NA	NA	HMGA1P6
NA	ENSG00000233441	0	NA	NA	NA	NA	CYP2AB1P
NA	ENSG00000233442	0	NA	NA	NA	NA	PPP6R2P1
NA	ENSG00000233444	0	NA	NA	NA	NA	
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NA	ENSG00000233446	0	NA	NA	NA	NA	PDK1P2
NA	ENSG00000233447	0	NA	NA	NA	NA	
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NA	ENSG00000233449	0	NA	NA	NA	NA	MTATP6P14
NA	ENSG00000233451	0.31837034	0.00131295	0.38336804	0.96449865	NA	
NA	ENSG00000233452	6.48324199	-0.11044845	0.37366149	0.43578212	0.66095232	STXBP5-AS1
NA	ENSG00000233454	0	NA	NA	NA	NA	
NA	ENSG00000233455	0.47404669	-0.00926935	0.38285099	0.8466566	NA	
NA	ENSG00000233456	0	NA	NA	NA	NA	LINC01077
NA	ENSG00000233457	0	NA	NA	NA	NA	
NA	ENSG00000233459	0	NA	NA	NA	NA	
NA	ENSG00000233460	0	NA	NA	NA	NA	RPL35AP31
NA	ENSG00000233461	77.280366	0.6343874	0.30592269	0.00768133	0.0333547	

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NA	ENSG00000233467	0	NA	NA	NA	NA	HAX1P1
NA	ENSG00000233469	1.03397171	0.00454571	0.37995458	0.94057805	NA	ST6GALNAC4P1
NA	ENSG00000233470	0	NA	NA	NA	NA	
NA	ENSG00000233471	0	NA	NA	NA	NA	KRT18P62
NA	ENSG00000233472	0	NA	NA	NA	NA	
NA	ENSG00000233473	0	NA	NA	NA	NA	RAD1P2
NA	ENSG00000233476	54.897546	-0.23380582	0.26167195	0.24069911	0.45879844	EEF1A1P6
NA	ENSG00000233477	0	NA	NA	NA	NA	PPIAP38
NA	ENSG00000233478	0	NA	NA	NA	NA	
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105372746	ENSG00000233480	0	NA	NA	NA	NA	LINC01683
NA	ENSG00000233482	0	NA	NA	NA	NA	
NA	ENSG00000233483	1.79156859	0.00984221	0.37601075	0.90493788	NA	EFCAB15P
NA	ENSG00000233484	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101927417	ENSG00000233485	0	NA	NA	NA	NA	FHAD1-AS1
NA	ENSG00000233487	0	NA	NA	NA	NA	RPSAP69
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100128317	ENSG00000233491	0	NA	NA	NA	NA	
NA	ENSG00000233492	0	NA	NA	NA	NA	
388564	ENSG00000233493	23.5361826	-0.12852465	0.31235531	0.50826963	0.7239622	TMEM238
NA	ENSG00000233494	0	NA	NA	NA	NA	
100874300	ENSG00000233496	0	NA	NA	NA	NA	SYNJ2-IT1
NA	ENSG00000233497	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HNRNPA1P60
NA	ENSG00000233499	0	NA	NA	NA	NA	OR5B1P
NA	ENSG00000233502	0	NA	NA	NA	NA	
NA	ENSG00000233503	0.18922458	0.01954053	0.38488496	0.78225479	NA	HNRNPLP1
NA	ENSG00000233508	0	NA	NA	NA	NA	
100874094	ENSG00000233509	3.01337809	-0.04186302	0.37305725	0.68302065	0.84545523	ZNF197-AS1
NA	ENSG00000233511	0	NA	NA	NA	NA	
NA	ENSG00000233514	0	NA	NA	NA	NA	
101929397	ENSG00000233515	102.479096	-0.02442412	0.20699461	0.8872285	0.95051641	LINC01518
NA	ENSG00000233516	0	NA	NA	NA	NA	
NA	ENSG00000233517	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
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NA	ENSG00000233519	0	NA	NA	NA	NA	
NA	ENSG00000233521	1.32681073	-0.02994689	0.38196692	0.61347314	NA	LINC01638
NA	ENSG00000233522	0	NA	NA	NA	NA	FAM224A

NA	ENSG00000233523	3.22100867	0.04581711	0.37407187	0.65350515	0.82739649	PHBP5
NA	ENSG00000233524	0.48665483	0.01126078	0.3833994	0.786632	NA	RANP8
NA	ENSG00000233526	0	NA	NA	NA	NA	RFC5P1
101927599	ENSG00000233527	64.6833743	0.17657402	0.2526777	0.36605229	0.59523625	ZNF529-AS1
NA	ENSG00000233528	0	NA	NA	NA	NA	LINC00430
NA	ENSG00000233529	0	NA	NA	NA	NA	HCG21
449493	ENSG00000233531	0	NA	NA	NA	NA	DEFA10P
728192	ENSG00000233532	0	NA	NA	NA	NA	LINC00460
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NA	ENSG00000233534	0	NA	NA	NA	NA	
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NA	ENSG00000233536	0	NA	NA	NA	NA	
NA	ENSG00000233537	0	NA	NA	NA	NA	TEDDM2P
NA	ENSG00000233538	1.58937619	0.04798005	0.38154425	0.52657647	NA	
730338	ENSG00000233539	0	NA	NA	NA	NA	
100874284	ENSG00000233540	0	NA	NA	NA	NA	DNM3-IT1
NA	ENSG00000233541	0	NA	NA	NA	NA	RPL31P47
NA	ENSG00000233542	0.91755202	-0.02489216	0.38245748	0.64530791	NA	
NA	ENSG00000233543	0	NA	NA	NA	NA	CHTF8P1
NA	ENSG00000233544	0	NA	NA	NA	NA	EIF3KP2
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NA	ENSG00000233546	0	NA	NA	NA	NA	PRYP5
NA	ENSG00000233547	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000233548	0	NA	NA	NA	NA	CYCSP44
NA	ENSG00000233549	0	NA	NA	NA	NA	CYCSP35
NA	ENSG00000233550	0	NA	NA	NA	NA	MTCYBP8
NA	ENSG00000233551	0	NA	NA	NA	NA	LSM1P1
NA	ENSG00000233553	0	NA	NA	NA	NA	
NA	ENSG00000233554	3.90793998	-0.42765065	0.86382967	0.00290943	0.01473656	B4GALT1-AS1
NA	ENSG00000233555	1.96272888	-0.04447009	0.37741469	0.61914828	NA	
NA	ENSG00000233557	0.34694931	0.0005205	0.38336274	0.96353333	NA	NFU1P2
NA	ENSG00000233558	5.36698464	-0.28126191	0.52504605	0.03223752	0.10619165	
NA	ENSG00000233559	0.70347769	0.02994328	0.38331505	0.54425521	NA	LINC00513
NA	ENSG00000233560	13.5376338	0.09460078	0.33767206	0.59298613	0.78705143	KRT8P39
NA	ENSG00000233562	1.00195039	-0.06690344	0.39178834	0.19449531	NA	RPS3AP8
NA	ENSG00000233563	0	NA	NA	NA	NA	OR52E7P
NA	ENSG00000233565	0	NA	NA	NA	NA	
101928797	ENSG00000233569	0.317369	0.00166839	0.38337155	0.96186582	NA	

NA	ENSG00000233570	1.03624065	0.02192789	0.3818786	0.68896993	NA	LINC00690
NA	ENSG00000233571	0	NA	NA	NA	NA	
NA	ENSG00000233574	0	NA	NA	NA	NA	
NA	ENSG00000233575	0	NA	NA	NA	NA	
NA	ENSG00000233576	0	NA	NA	NA	NA	HTR3C2P
NA	ENSG00000233577	0.32370645	0.00186907	0.38337367	0.96318818	NA	
NA	ENSG00000233578	1.06040787	0.03489097	0.38259011	0.56053263	NA	EIF4EP1
NA	ENSG00000233579	1.40651918	0.04760218	0.38470814	0.42976436	NA	KRT8P15
NA	ENSG00000233581	0	NA	NA	NA	NA	
NA	ENSG00000233583	0.34216313	0.00305249	0.38339246	0.95854065	NA	
NA	ENSG00000233585	1.63316972	0.08108328	0.3911685	0.25889376	NA	
NA	ENSG00000233586	2.18019467	0.05204979	0.37909311	0.56020808	NA	
NA	ENSG00000233587	0	NA	NA	NA	NA	LINC01884
NA	ENSG00000233588	0.34111016	0.02362653	0.3853534	0.62410569	NA	CYP51A1P2
NA	ENSG00000233589	15.6889227	-0.07216349	0.3326419	0.67899352	0.84320727	
NA	ENSG00000233590	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02640
105378853	ENSG00000233593	47.7180888	0.3460378	0.35614881	0.12667856	0.29641499	LINC02609
NA	ENSG00000233594	0	NA	NA	NA	NA	BTF3P5
NA	ENSG00000233595	0	NA	NA	NA	NA	MTND2P29
NA	ENSG00000233597	0.8466944	-0.04650604	0.38806154	0.30654823	NA	
NA	ENSG00000233601	0	NA	NA	NA	NA	NCOR1P3
100874278	ENSG00000233602	4.93030889	0.02124804	0.36476312	0.8600874	0.93769283	ERI3-IT1
NA	ENSG00000233603	0	NA	NA	NA	NA	JTBP1
101927926	ENSG00000233605	0	NA	NA	NA	NA	LINC01851
NA	ENSG00000233606	0	NA	NA	NA	NA	OR6C66P
104355291	ENSG00000233607	0	NA	NA	NA	NA	LINC01392
117581	ENSG00000233608	29.2506909	9.1201987	2.76496619	1.79E-11	3.72E-10	TWIST2
NA	ENSG00000233609	0.47232813	-0.02839081	0.38580426	0.54372498	NA	RPL10P19
100129597	ENSG00000233610	0	NA	NA	NA	NA	LINC00462
NA	ENSG00000233611	0	NA	NA	NA	NA	
NA	ENSG00000233613	1.50180041	0.00163547	0.37850285	0.98203957	NA	DCUN1D2-AS
727856	ENSG00000233614	1.12932476	-0.02373671	0.38166533	0.67894058	NA	DDX11L10
100287029	ENSG00000233614	1.12932476	-0.02373671	0.38166533	0.67894058	NA	DDX11L10
NA	ENSG00000233615	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HNRNPA1P42
NA	ENSG00000233616	0	NA	NA	NA	NA	
NA	ENSG00000233619	0	NA	NA	NA	NA	
102723833	ENSG00000233620	0	NA	NA	NA	NA	USH2A-AS2
728431	ENSG00000233621	25.5063608	0.17565142	0.32108932	0.38237822	0.61160786	LINC01137

171523	ENSG00000233622	8.02248501	0.23682589	0.43718735	0.1558322	0.34200341	CYP2T1P
NA	ENSG00000233623	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PGAM1P11
NA	ENSG00000233625	0	NA	NA	NA	NA	
NA	ENSG00000233626	0.64817676	-0.04640637	0.38776867	0.3594116	NA	
NA	ENSG00000233627	7.03996554	0.10235076	0.37003981	0.47578198	0.69782764	C4A-AS1
NA	ENSG00000233632	0	NA	NA	NA	NA	
105373352	ENSG00000233633	0	NA	NA	NA	NA	
NA	ENSG00000233634	0	NA	NA	NA	NA	GOT2P5
NA	ENSG00000233635	0	NA	NA	NA	NA	
100506421	ENSG00000233639	21.3393047	6.23059877	1.34412931	1.25E-07	1.63E-06	PANTR1
NA	ENSG00000233640	0	NA	NA	NA	NA	KRTAP13-5P
100128811	ENSG00000233642	0.96907804	-0.01008806	0.3819565	0.83685936	NA	GPR158-AS1
NA	ENSG00000233643	0	NA	NA	NA	NA	LINC02625
NA	ENSG00000233644	2.34212021	0.01578352	0.37240604	0.87057304	NA	ARHGEF7-IT1
NA	ENSG00000233645	0	NA	NA	NA	NA	
NA	ENSG00000233646	0	NA	NA	NA	NA	OR52T1P
NA	ENSG00000233647	1.04197063	0.05905178	0.39039349	0.19753142	NA	NENFP1
NA	ENSG00000233648	0	NA	NA	NA	NA	
NA	ENSG00000233651	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000233652	0	NA	NA	NA	NA	CICP1
NA	ENSG00000233653	0.34746601	0.02370763	0.3853651	0.61987128	NA	CICP7
105376748	ENSG00000233654	16.972294	-0.19750761	0.37357298	0.29337998	0.51951614	
NA	ENSG00000233656	0	NA	NA	NA	NA	
NA	ENSG00000233659	0	NA	NA	NA	NA	NDUFA5P4
NA	ENSG00000233661	0.35730472	0.02382155	0.38538176	0.61370228	NA	SPIN4-AS1
NA	ENSG00000233662	0	NA	NA	NA	NA	CALM2P4
NA	ENSG00000233663	0	NA	NA	NA	NA	
NA	ENSG00000233664	0	NA	NA	NA	NA	NDUFS5P3
NA	ENSG00000233665	5.41817215	0.18210543	0.42389287	0.14869187	0.33120542	
NA	ENSG00000233668	2.621567	0.16440305	0.42669074	0.08226317	0.21582931	
644139	ENSG00000233670	0	NA	NA	NA	NA	PIRT
NA	ENSG00000233671	0	NA	NA	NA	NA	CENPNP1
NA	ENSG00000233672	21.8675848	0.84893471	0.73703067	0.01490087	0.05734884	RNASEH2B-AS1
100286979	ENSG00000233673	1.39953711	0.10212228	0.40251042	0.07218107	NA	ANAPC1P1
NA	ENSG00000233674	0	NA	NA	NA	NA	
NA	ENSG00000233676	0	NA	NA	NA	NA	FDPSP6
NA	ENSG00000233677	0	NA	NA	NA	NA	DDX39BP1
NA	ENSG00000233680	0.64662193	0.00286646	0.38249671	0.94520606	NA	HNRNPA1P27

NA	ENSG00000233681	0	NA	NA	NA	NA	CEACAMP1
NA	ENSG00000233682	0	NA	NA	NA	NA	
NA	ENSG00000233683	0	NA	NA	NA	NA	
NA	ENSG00000233684	0	NA	NA	NA	NA	LINC01865
NA	ENSG00000233685	0.83069902	-0.00498456	0.3813862	0.9240416	NA	OR6L1P
NA	ENSG00000233686	0	NA	NA	NA	NA	PIEZO1P1
NA	ENSG00000233688	0	NA	NA	NA	NA	ZNF622P1
NA	ENSG00000233689	0	NA	NA	NA	NA	
NA	ENSG00000233690	6.30155229	0.14657562	0.39363908	0.28987974	0.51587019	EBAG9P1
NA	ENSG00000233691	0	NA	NA	NA	NA	
100505795	ENSG00000233693	0	NA	NA	NA	NA	PBX1-AS1
339807	ENSG00000233694	0	NA	NA	NA	NA	LINC02579
NA	ENSG00000233695	38.2459717	0.46354989	0.39827204	0.06177732	0.17534507	GAS6-AS1
NA	ENSG00000233699	0	NA	NA	NA	NA	TTY18
389152	ENSG00000233701	0	NA	NA	NA	NA	PRR23C
NA	ENSG00000233702	0	NA	NA	NA	NA	RPL37P13
NA	ENSG00000233703	0	NA	NA	NA	NA	
NA	ENSG00000233705	0.72394659	-0.00523857	0.38129788	0.93757745	NA	SLC26A4-AS1
NA	ENSG00000233706	0	NA	NA	NA	NA	
NA	ENSG00000233707	0	NA	NA	NA	NA	RPL22P11
NA	ENSG00000233708	0	NA	NA	NA	NA	
NA	ENSG00000233709	0	NA	NA	NA	NA	MTND4P28
NA	ENSG00000233710	0	NA	NA	NA	NA	
NA	ENSG00000233711	0	NA	NA	NA	NA	EIF4EBP2P1
NA	ENSG00000233712	0	NA	NA	NA	NA	
NA	ENSG00000233713	0	NA	NA	NA	NA	
NA	ENSG00000233714	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
NA	ENSG00000233716	0.173733	0.01914545	0.38484597	0.78225479	NA	MTFR2P1
NA	ENSG00000233717	0	NA	NA	NA	NA	RPS29P29
10408	ENSG00000233718	11.5894881	3.42688844	1.22602536	5.32E-05	0.00043099	MYCNOS
NA	ENSG00000233719	0.15069912	-0.01848503	0.38480575	0.84537521	NA	GOT2P3
NA	ENSG00000233720	0	NA	NA	NA	NA	
NA	ENSG00000233721	7.61505472	0.01255514	0.35930329	0.92536633	0.96892907	
NA	ENSG00000233723	11.1841263	0.02490445	0.34341453	0.87398044	0.94453492	LINC01122
NA	ENSG00000233724	0	NA	NA	NA	NA	
121838	ENSG00000233725	0	NA	NA	NA	NA	NRAD1
NA	ENSG00000233727	0	NA	NA	NA	NA	
NA	ENSG00000233728	0	NA	NA	NA	NA	

101928185	ENSG00000233729	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NCKAP5-AS1	
	NA	ENSG00000233730	0	NA	NA	NA	LINC01765	
	NA	ENSG00000233732	0	NA	NA	NA	IGHV3OR16-10	
	NA	ENSG00000233733	0	NA	NA	NA	H2AZP6	
	NA	ENSG00000233735	0	NA	NA	NA		
	NA	ENSG00000233737	0	NA	NA	NA		
	NA	ENSG00000233739	2.21558824	0.08199595	0.38573464	0.37701295	NA	
	NA	ENSG00000233740	0	NA	NA	NA	CICP2	
	NA	ENSG00000233741	0	NA	NA	NA	RPL27P7	
200261	ENSG00000233746	0	NA	NA	NA	NA	LINC00656	
	NA	ENSG00000233747	0	NA	NA	NA	RPL36AP13	
	NA	ENSG00000233750	30.6426731	-0.05537143	0.28481765	0.77259893	0.89560987	CICP27
	NA	ENSG00000233751	0	NA	NA	NA	RRAS2P2	
	NA	ENSG00000233752	0	NA	NA	NA	RPL21P36	
	NA	ENSG00000233754	0.51566297	0.03113894	0.38605512	0.47755688	NA	
	NA	ENSG00000233755	0	NA	NA	NA	NA	
100874326	ENSG00000233756	0	NA	NA	NA	NA	DSCAM-IT1	
	NA	ENSG00000233757	70.6244628	0.07240554	0.229398	0.69571066	0.85316371	
100506289	ENSG00000233760	0	NA	NA	NA	NA		
	NA	ENSG00000233762	1.15636103	-0.03416441	0.38201391	0.58588311	NA	RPS15P4
	NA	ENSG00000233764	0	NA	NA	NA	NA	MTCO1P20
	NA	ENSG00000233765	0	NA	NA	NA	NA	CDRT15P12
	NA	ENSG00000233766	0	NA	NA	NA	NA	CAVIN2-AS1
	NA	ENSG00000233767	0	NA	NA	NA	NA	PSMA6P3
	NA	ENSG00000233771	1.1926835	0.05038055	0.38357515	0.46466331	NA	CICP5
	NA	ENSG00000233774	0	NA	NA	NA	NA	MED14P1
	NA	ENSG00000233775	0.3181223	0.00106759	0.38336615	0.96684788	NA	
101929688	ENSG00000233776	0.75084144	0.05359413	0.38901113	0.27532172	NA	LINC01251	
	NA	ENSG00000233778	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101930748	ENSG00000233780	0	NA	NA	NA	NA	HNRNPA1P30	
	NA	ENSG00000233782	0	NA	NA	NA	NA	ZNF90P3
	NA	ENSG00000233783	0.44628539	-0.02685501	0.38565255	0.57378986	NA	
	NA	ENSG00000233785	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000233786	0	NA	NA	NA	NA	CDC27P1
	NA	ENSG00000233787	0	NA	NA	NA	NA	
730227	ENSG00000233791	0.83053694	-0.00596397	0.38210562	0.89915679	NA	LINC01136	
	NA	ENSG00000233792	0	NA	NA	NA	NA	PUDPP2
	NA	ENSG00000233797	2.28777472	0.04073007	0.37990584	0.59029412	NA	UFL1-AS1

NA	ENSG00000233799	0.3167925	0.00119339	0.38336713	0.96641904	NA	
729384	ENSG00000233802	0	NA	NA	NA	NA	TRIM49D2
728395	ENSG00000233803	0	NA	NA	NA	NA	TSPY4
NA	ENSG00000233805	0	NA	NA	NA	NA	
101927289	ENSG00000233806	58.6045463	-0.0192053	0.24929956	0.91786576	0.9652015	LINC01237
NA	ENSG00000233807	0	NA	NA	NA	NA	AMZ2P3
NA	ENSG00000233810	0	NA	NA	NA	NA	MOB1AP2
NA	ENSG00000233814	0	NA	NA	NA	NA	H3P32
3447	ENSG00000233816	0	NA	NA	NA	NA	IFNA13
NA	ENSG00000233817	1.01062434	0.00552301	0.37924298	0.93248704	NA	
NA	ENSG00000233818	0	NA	NA	NA	NA	
NA	ENSG00000233819	0	NA	NA	NA	NA	LCEP1
NA	ENSG00000233820	9.19502112	-0.03946953	0.34869244	0.79229481	0.9050068	
NA	ENSG00000233821	0	NA	NA	NA	NA	ENOX1-AS1
8341	ENSG00000233822	27.4943643	-0.46520777	0.49588878	0.06370714	0.17918196	H2BC15
NA	ENSG00000233823	0	NA	NA	NA	NA	
NA	ENSG00000233824	0	NA	NA	NA	NA	
NA	ENSG00000233825	3.50192495	0.0126531	0.38352942	0.7384883	0.87634475	
NA	ENSG00000233827	0	NA	NA	NA	NA	CCNQP1
NA	ENSG00000233828	0.29863895	-0.02292439	0.3852726	0.68753245	NA	MIR4280HG
NA	ENSG00000233829	0	NA	NA	NA	NA	RPL26P15
NA	ENSG00000233830	1.17275252	0.05018321	0.38356514	0.46600909	NA	EIF4HP1
NA	ENSG00000233832	0	NA	NA	NA	NA	
NA	ENSG00000233833	0	NA	NA	NA	NA	ETF1P3
100506098	ENSG00000233834	0	NA	NA	NA	NA	
NA	ENSG00000233835	0	NA	NA	NA	NA	
NA	ENSG00000233836	162.241737	-0.28308433	0.22212869	0.1239339	0.29179226	
NA	ENSG00000233837	0.33471731	0.02354391	0.38534154	0.62842204	NA	EIF3LP2
NA	ENSG00000233838	0	NA	NA	NA	NA	DPH3P1
NA	ENSG00000233839	0	NA	NA	NA	NA	
100874087	ENSG00000233840	0	NA	NA	NA	NA	PCDH9-AS4
NA	ENSG00000233842	0	NA	NA	NA	NA	
NA	ENSG00000233843	0	NA	NA	NA	NA	CYCSP48
NA	ENSG00000233845	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000233846	0	NA	NA	NA	NA	SELENOTP1
NA	ENSG00000233847	0	NA	NA	NA	NA	ERCC8-AS1
NA	ENSG00000233848	0	NA	NA	NA	NA	
NA	ENSG00000233849	0	NA	NA	NA	NA	

NA	ENSG00000233850	0	NA	NA	NA	NA	
NA	ENSG00000233851	0	NA	NA	NA	NA	LATS2-AS1
NA	ENSG00000233852	0	NA	NA	NA	NA	
NA	ENSG00000233854	0	NA	NA	NA	NA	POU6F2-AS2
NA	ENSG00000233858	1.78038964	-0.00158464	0.3770641	0.98203369	NA	LINC02599
NA	ENSG00000233859	0	NA	NA	NA	NA	ADH5P4
NA	ENSG00000233860	4.59036667	0.01486551	0.36427855	0.90167122	0.95678213	SHROOM3-AS1
NA	ENSG00000233861	0	NA	NA	NA	NA	MGAT2P1
NA	ENSG00000233862	0.88091182	0.0393184	0.38491409	0.43747209	NA	
NA	ENSG00000233866	0	NA	NA	NA	NA	
NA	ENSG00000233867	0	NA	NA	NA	NA	SLC9B1P3
NA	ENSG00000233868	0	NA	NA	NA	NA	LLPHP3
NA	ENSG00000233869	0	NA	NA	NA	NA	RPSAP27
NA	ENSG00000233870	0	NA	NA	NA	NA	
NA	ENSG00000233871	21.6356672	-0.03390661	0.30740299	0.85301981	0.93373137	DLG5-AS1
NA	ENSG00000233872	0	NA	NA	NA	NA	TOR1BP1
NA	ENSG00000233873	0	NA	NA	NA	NA	RPL7P44
NA	ENSG00000233874	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MFN1P1
NA	ENSG00000233875	0	NA	NA	NA	NA	
NA	ENSG00000233876	0.173733	0.01914545	0.38484597	0.78225479	NA	GAPDHP68
NA	ENSG00000233877	0	NA	NA	NA	NA	
NA	ENSG00000233880	0	NA	NA	NA	NA	NFYCP1
NA	ENSG00000233882	0	NA	NA	NA	NA	LINC01680
NA	ENSG00000233884	0	NA	NA	NA	NA	
NA	ENSG00000233885	88.6458247	0.04836794	0.21970783	0.7901088	0.9043359	YEATS2-AS1
NA	ENSG00000233887	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000233888	0.54262406	0.01438064	0.3834902	0.73167523	NA	MTCO2P17
NA	ENSG00000233891	0	NA	NA	NA	NA	
NA	ENSG00000233892	3.16487219	-0.04704926	0.37837739	0.59131299	0.78598752	PAIP1P1
101409257	ENSG00000233893	0	NA	NA	NA	NA	EZR-AS1
NA	ENSG00000233894	0.18922458	0.01954053	0.38488496	0.78225479	NA	
727993	ENSG00000233896	0	NA	NA	NA	NA	PDYN-AS1
NA	ENSG00000233900	0	NA	NA	NA	NA	RPL17P35
100506119	ENSG00000233901	2.485986	0.08203241	0.38903648	0.31990714	NA	LINC01503
NA	ENSG00000233902	0	NA	NA	NA	NA	
NA	ENSG00000233905	0	NA	NA	NA	NA	LONRF2P2
NA	ENSG00000233906	0	NA	NA	NA	NA	
440594	ENSG00000233907	0	NA	NA	NA	NA	LINC01761

NA	ENSG00000233908	0	NA	NA	NA	NA	
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NA	ENSG00000233910	0	NA	NA	NA	NA	GTF2F2P2
NA	ENSG00000233912	0.51614295	0.03116242	0.38605743	0.47720898	NA	
NA	ENSG00000233913	3.48246327	-0.02160072	0.36653558	0.84810657	0.93095493	RPL10P9
NA	ENSG00000233915	0	NA	NA	NA	NA	UBE2Q2P10
NA	ENSG00000233916	0	NA	NA	NA	NA	ZDHHC20P1
100996331	ENSG00000233917	0	NA	NA	NA	NA	POTEB
NA	ENSG00000233918	0	NA	NA	NA	NA	
NA	ENSG00000233919	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000233920	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000233921	0	NA	NA	NA	NA	RPS15AP40
105372840	ENSG00000233922	190.017664	-0.28706276	0.1912961	0.08392048	0.21898015	LINC01694
NA	ENSG00000233924	0.32305908	0.00141849	0.38336882	0.96749979	NA	RPSAP13
101927502	ENSG00000233926	2.16998968	-0.02094216	0.37756989	0.78512792	NA	
6234	ENSG00000233927	5381.82893	-0.02242204	0.06203833	0.71368992	0.86192204	RPS28
NA	ENSG00000233928	0	NA	NA	NA	NA	
NA	ENSG00000233929	0.35628104	0.02381418	0.38538061	0.61421911	NA	MT1XP1
338651	ENSG00000233930	73.3309641	-2.1102908	0.43421195	6.05E-08	8.21E-07	KRTAP5-AS1
399697	ENSG00000233932	5.3109176	-0.173687	0.41226756	0.19959409	0.40424119	CTXN2
NA	ENSG00000233933	0	NA	NA	NA	NA	
NA	ENSG00000233934	0	NA	NA	NA	NA	RPL21P38
NA	ENSG00000233936	0	NA	NA	NA	NA	
101928649	ENSG00000233937	92.9229809	0.09178566	0.23267513	0.62348848	0.80797652	
NA	ENSG00000233939	0	NA	NA	NA	NA	RPL27AP4
NA	ENSG00000233940	0	NA	NA	NA	NA	RPL12P45
NA	ENSG00000233941	0	NA	NA	NA	NA	
NA	ENSG00000233942	0	NA	NA	NA	NA	
NA	ENSG00000233943	0	NA	NA	NA	NA	
NA	ENSG00000233944	0	NA	NA	NA	NA	LINC00265-3P
105378397	ENSG00000233945	0	NA	NA	NA	NA	LINC02650
NA	ENSG00000233946	0	NA	NA	NA	NA	RPS29P4
NA	ENSG00000233947	0	NA	NA	NA	NA	ASS1P3
NA	ENSG00000233951	0	NA	NA	NA	NA	RCC2P3
NA	ENSG00000233952	0	NA	NA	NA	NA	FTLP15
NA	ENSG00000233953	0	NA	NA	NA	NA	
440567	ENSG00000233954	24.4137229	0.523568	0.47027823	0.04869567	0.14598401	UQCRHL
NA	ENSG00000233955	1.34700709	-0.04220738	0.38258956	0.52081653	NA	AHCYP3

NA	ENSG00000233956	1.39275208	-0.0173219	0.37958616	0.79226811	NA	BTF3P6
NA	ENSG00000233960	0	NA	NA	NA	NA	
NA	ENSG00000233962	0	NA	NA	NA	NA	
NA	ENSG00000233963	0	NA	NA	NA	NA	ATP8A2P3
NA	ENSG00000233966	6.38895784	-0.16197613	0.39524419	0.27546323	0.49956038	UBE2SP1
NA	ENSG00000233967	87.9779429	0.54473208	0.26911432	0.01185181	0.04778297	
101928834	ENSG00000233968	0	NA	NA	NA	NA	
NA	ENSG00000233969	0	NA	NA	NA	NA	
NA	ENSG00000233970	0	NA	NA	NA	NA	
NA	ENSG00000233971	0	NA	NA	NA	NA	RPS20P10
101927295	ENSG00000233973	0	NA	NA	NA	NA	LINC01360
NA	ENSG00000233974	5.18601469	0.03032598	0.36933387	0.7837921	0.9014745	
111216282	ENSG00000233975	0	NA	NA	NA	NA	LINC02574
NA	ENSG00000233977	0	NA	NA	NA	NA	
NA	ENSG00000233978	0	NA	NA	NA	NA	LINC02590
NA	ENSG00000233979	0	NA	NA	NA	NA	RPL22P21
NA	ENSG00000233980	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FDPS2
NA	ENSG00000233981	0	NA	NA	NA	NA	
NA	ENSG00000233983	0	NA	NA	NA	NA	
NA	ENSG00000233984	0	NA	NA	NA	NA	RPSAP14
NA	ENSG00000233985	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01681
NA	ENSG00000233987	0	NA	NA	NA	NA	
NA	ENSG00000233990	0	NA	NA	NA	NA	
101929526	ENSG00000233993	0	NA	NA	NA	NA	DTD1-AS1
NA	ENSG00000233994	0.32404638	-0.02327478	0.38532161	0.66848059	NA	GDI2P2
NA	ENSG00000233995	0	NA	NA	NA	NA	
NA	ENSG00000233996	0	NA	NA	NA	NA	KDM3AP1
101927821	ENSG00000233997	0	NA	NA	NA	NA	LINC01425
NA	ENSG00000233998	0	NA	NA	NA	NA	SETP5
NA	ENSG00000233999	0.6371185	0.00342325	0.38197071	0.94100611	NA	IGKV3OR2-268
NA	ENSG00000234001	0	NA	NA	NA	NA	
NA	ENSG00000234003	1.26940767	-0.03695523	0.38209013	0.56515483	NA	MTATP6P27
NA	ENSG00000234004	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000234005	2.01073252	0.01405518	0.37704853	0.85786566	NA	GAPDHP22
106478957	ENSG00000234006	1.57274851	0.05849908	0.38666861	0.35034436	NA	DDX39B-AS1
NA	ENSG00000234008	0	NA	NA	NA	NA	PPP1R2P2
NA	ENSG00000234009	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL5P34
NA	ENSG00000234015	0	NA	NA	NA	NA	LINC02530

NA	ENSG00000234016	0	NA	NA	NA	NA	GNG10P1
NA	ENSG00000234017	0	NA	NA	NA	NA	
NA	ENSG00000234019	0	NA	NA	NA	NA	
NA	ENSG00000234020	0	NA	NA	NA	NA	CHIAP3
NA	ENSG00000234021	0	NA	NA	NA	NA	
NA	ENSG00000234022	0	NA	NA	NA	NA	
NA	ENSG00000234025	0.173124	-0.01911262	0.38486262	0.84537521	NA	BPMS2P1
NA	ENSG00000234026	0	NA	NA	NA	NA	
NA	ENSG00000234028	73.1965287	0.50711139	0.31199621	0.02895054	0.09755072	EIF2AK3-DT
NA	ENSG00000234030	0	NA	NA	NA	NA	TMEM97P1
NA	ENSG00000234031	0.98618302	0.02664004	0.38237325	0.62907931	NA	RPS3AP44
NA	ENSG00000234033	0	NA	NA	NA	NA	RAC1P8
NA	ENSG00000234034	0	NA	NA	NA	NA	
NA	ENSG00000234036	0.69350415	0.05065086	0.38849344	0.30147795	NA	TXNP6
NA	ENSG00000234039	0	NA	NA	NA	NA	NDUFA5P7
NA	ENSG00000234040	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL10P12
NA	ENSG00000234041	0	NA	NA	NA	NA	
NA	ENSG00000234042	0.62285955	-0.0193452	0.38303621	0.68616499	NA	
NA	ENSG00000234043	0.63278082	-0.01446514	0.38320751	0.72200935	NA	NUDT9P1
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NA	ENSG00000234048	0	NA	NA	NA	NA	FAM96AP1
NA	ENSG00000234050	0	NA	NA	NA	NA	
NA	ENSG00000234052	0	NA	NA	NA	NA	LINC01673
NA	ENSG00000234055	0	NA	NA	NA	NA	
101928922	ENSG00000234056	0	NA	NA	NA	NA	LINC00463
NA	ENSG00000234059	0	NA	NA	NA	NA	CASKP1
NA	ENSG00000234060	0	NA	NA	NA	NA	EDDM3CP
NA	ENSG00000234061	0	NA	NA	NA	NA	
NA	ENSG00000234062	22.9061459	0.33403883	0.40097688	0.13729622	0.31285428	
NA	ENSG00000234064	0	NA	NA	NA	NA	PRAMEF29P
NA	ENSG00000234065	4.04832947	-0.09494245	0.38490491	0.37924816	0.60821951	MTND4P26
NA	ENSG00000234066	0	NA	NA	NA	NA	TAS2R62P
NA	ENSG00000234067	0	NA	NA	NA	NA	RPL5P10
203569	ENSG00000234068	0.16735865	0.01897177	0.38482933	0.78225479	NA	PAGE2
NA	ENSG00000234069	0	NA	NA	NA	NA	GAPDHP53
103752555	ENSG00000234070	0	NA	NA	NA	NA	SPATA17-AS1
NA	ENSG00000234071	0	NA	NA	NA	NA	
NA	ENSG00000234072	527.314092	0.75004355	0.12131239	1.32E-10	2.51E-09	

	NA	ENSG00000234073	0	NA	NA	NA	NA	
	NA	ENSG00000234075	0	NA	NA	NA	NA	RPL35AP
100874043	ENSG00000234076	0.15069912	-0.01848503	0.38480575	0.84537521	NA	NA	TPRG1-AS1
	NA	ENSG00000234080	0.31666675	0.00106283	0.38336618	0.96766976	NA	
	NA	ENSG00000234081	0	NA	NA	NA	NA	ELOCP10
	NA	ENSG00000234083	0	NA	NA	NA	NA	
	NA	ENSG00000234084	1.48966709	-0.03355716	0.37942233	0.65439051	NA	
	NA	ENSG00000234085	0	NA	NA	NA	NA	
	NA	ENSG00000234087	0	NA	NA	NA	NA	
	NA	ENSG00000234088	0	NA	NA	NA	NA	RPS15AP7
105375297	ENSG00000234089	0	NA	NA	NA	NA	NA	
	NA	ENSG00000234091	0	NA	NA	NA	NA	
	NA	ENSG00000234093	0.34051105	0.00301255	0.3833917	0.9596884	NA	RPS15AP11
	NA	ENSG00000234099	0	NA	NA	NA	NA	MTND4P11
	NA	ENSG00000234102	0	NA	NA	NA	NA	KRT19P4
	NA	ENSG00000234104	0	NA	NA	NA	NA	
	NA	ENSG00000234105	0	NA	NA	NA	NA	
	NA	ENSG00000234106	0	NA	NA	NA	NA	SRP14P2
	NA	ENSG00000234107	0	NA	NA	NA	NA	TPT1P1
	NA	ENSG00000234108	0	NA	NA	NA	NA	
	NA	ENSG00000234109	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL7P36
	NA	ENSG00000234110	0	NA	NA	NA	NA	TSPY25P
340017	ENSG00000234111	0	NA	NA	NA	NA	NA	LINC02433
	NA	ENSG00000234112	0	NA	NA	NA	NA	
	NA	ENSG00000234115	0	NA	NA	NA	NA	
	NA	ENSG00000234116	0	NA	NA	NA	NA	
	NA	ENSG00000234117	0	NA	NA	NA	NA	
644511	ENSG00000234118	0.33931084	0.00254134	0.38338306	0.96419459	NA	NA	RPL13AP6
	NA	ENSG00000234119	0	NA	NA	NA	NA	METAP2P1
	NA	ENSG00000234120	0	NA	NA	NA	NA	
	NA	ENSG00000234121	0	NA	NA	NA	NA	GPM6BP3
	NA	ENSG00000234122	0	NA	NA	NA	NA	TRBV22OR9-2
	NA	ENSG00000234123	1.09564679	-0.07817651	0.39456038	0.14982151	NA	RHBDF1P1
286828	ENSG00000234124	0	NA	NA	NA	NA	NA	CSN1S2AP
	NA	ENSG00000234125	0	NA	NA	NA	NA	EEF1GP8
7726	ENSG00000234127	820.199255	-0.10398017	0.09415951	0.25386083	0.47439002	NA	TRIM26
	NA	ENSG00000234129	13.2582495	0.08047011	0.34709208	0.62349398	0.80797652	
	NA	ENSG00000234130	0	NA	NA	NA	NA	AP2B1P1

NA	ENSG00000234132	0	NA	NA	NA	NA	
NA	ENSG00000234134	0.44967959	-0.02729702	0.38571284	0.5619597	NA	
NA	ENSG00000234135	0	NA	NA	NA	NA	RPL23AP83
NA	ENSG00000234136	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000234139	0	NA	NA	NA	NA	
NA	ENSG00000234141	2.01924721	-0.01297498	0.37697574	0.86642023	NA	
NA	ENSG00000234142	0	NA	NA	NA	NA	LINC01675
NA	ENSG00000234143	0	NA	NA	NA	NA	UGT1A13P
NA	ENSG00000234144	0	NA	NA	NA	NA	COX6CP13
NA	ENSG00000234145	0.54349856	0.01466941	0.38351415	0.72849025	NA	NAP1L4P3
NA	ENSG00000234146	0.79055967	-0.00867841	0.38089819	0.87791309	NA	AKAP8P1
NA	ENSG00000234147	2.89758367	0.01961222	0.37482687	0.82154032	0.91847813	
NA	ENSG00000234148	0	NA	NA	NA	NA	LINC01961
NA	ENSG00000234149	0	NA	NA	NA	NA	
NA	ENSG00000234152	0	NA	NA	NA	NA	ELOBP1
101928820	ENSG00000234155	0.34109772	0.02362643	0.38535338	0.62411229	NA	LINC02535
NA	ENSG00000234156	9.253926	0.33549527	0.58411531	0.02385259	0.08389209	
NA	ENSG00000234158	0	NA	NA	NA	NA	RPEP2
NA	ENSG00000234159	0	NA	NA	NA	NA	RBPM5LP
NA	ENSG00000234160	13.6986914	-0.00434141	0.32740035	0.97798559	0.99249544	
102724167	ENSG00000234161	0	NA	NA	NA	NA	PABPC5-AS1
NA	ENSG00000234162	0	NA	NA	NA	NA	
NA	ENSG00000234163	0	NA	NA	NA	NA	MTND4LP11
NA	ENSG00000234166	0	NA	NA	NA	NA	ARHGEF19-AS1
NA	ENSG00000234167	0	NA	NA	NA	NA	ELOBP4
NA	ENSG00000234168	0	NA	NA	NA	NA	LINC01039
NA	ENSG00000234169	0	NA	NA	NA	NA	LINC01868
NA	ENSG00000234170	0	NA	NA	NA	NA	LINC02645
NA	ENSG00000234171	522.08747	0.18658484	0.10967701	0.075439	0.2022854	RNASEH1-AS1
NA	ENSG00000234172	0	NA	NA	NA	NA	
105378311	ENSG00000234173	0	NA	NA	NA	NA	
NA	ENSG00000234174	0	NA	NA	NA	NA	
NA	ENSG00000234175	0	NA	NA	NA	NA	
NA	ENSG00000234176	0	NA	NA	NA	NA	HSPA8P1
284998	ENSG00000234177	0	NA	NA	NA	NA	LINC01114
NA	ENSG00000234178	0	NA	NA	NA	NA	DEFA11P
NA	ENSG00000234179	0	NA	NA	NA	NA	MTCYBP1
NA	ENSG00000234181	0.16735865	0.01897177	0.38482933	0.78225479	NA	

NA	ENSG00000234182	0	NA	NA	NA	NA	
NA	ENSG00000234183	0	NA	NA	NA	NA	LINC01952
101927412	ENSG00000234184	0	NA	NA	NA	NA	LINC01781
NA	ENSG00000234185	0.18922458	0.01954053	0.38488496	0.78225479	NA	
162083	ENSG00000234186	0	NA	NA	NA	NA	C16orf82
NA	ENSG00000234187	0	NA	NA	NA	NA	AIMP1P1
NA	ENSG00000234189	0	NA	NA	NA	NA	
NA	ENSG00000234190	0	NA	NA	NA	NA	
NA	ENSG00000234191	0	NA	NA	NA	NA	LINC01283
NA	ENSG00000234192	0	NA	NA	NA	NA	RPS26P38
NA	ENSG00000234193	0	NA	NA	NA	NA	ACSL3-AS1
NA	ENSG00000234197	0.66344306	0.00170955	0.38189525	0.96998114	NA	ETV5-AS1
440900	ENSG00000234199	0	NA	NA	NA	NA	LINC01191
NA	ENSG00000234200	0	NA	NA	NA	NA	
NA	ENSG00000234201	0	NA	NA	NA	NA	BMI1P1
NA	ENSG00000234202	0	NA	NA	NA	NA	H3P3
NA	ENSG00000234203	0.63707397	0.00272751	0.38196029	0.95265536	NA	
NA	ENSG00000234204	0	NA	NA	NA	NA	PIGPP2
NA	ENSG00000234206	0.49194605	-0.00748253	0.38271408	0.8569103	NA	
NA	ENSG00000234207	0	NA	NA	NA	NA	LINC01830
NA	ENSG00000234208	0	NA	NA	NA	NA	
101927914	ENSG00000234210	1.03279485	0.00300725	0.37993148	0.96069333	NA	
NA	ENSG00000234211	0	NA	NA	NA	NA	
NA	ENSG00000234213	0.68672349	-0.01903006	0.38351936	0.66717074	NA	FHP1
100507468	ENSG00000234215	19.1087626	-0.02706409	0.31783246	0.87880255	0.94634404	CT66
NA	ENSG00000234217	0	NA	NA	NA	NA	RBPJP7
NA	ENSG00000234219	0.84327235	0.03653358	0.38461252	0.46310374	NA	CDCA4P4
105371260	ENSG00000234222	5.11708968	-0.01132531	0.36010257	0.92765961	0.9697364	LIX1L-AS1
NA	ENSG00000234223	0	NA	NA	NA	NA	
730130	ENSG00000234224	3505.69171	0.55604501	0.06784902	8.78E-17	2.68E-15	TMEM229A
NA	ENSG00000234225	0.51543945	-0.00587213	0.38261017	0.87980804	NA	
NA	ENSG00000234226	0	NA	NA	NA	NA	NDUFS5P2
NA	ENSG00000234227	0	NA	NA	NA	NA	RPL7L1P1
NA	ENSG00000234228	0	NA	NA	NA	NA	NCLP2
100873922	ENSG00000234230	0	NA	NA	NA	NA	ZFX-AS1
NA	ENSG00000234231	0.34746601	0.02370763	0.3853651	0.61987128	NA	ANAPC1P4
NA	ENSG00000234232	0.29863895	-0.02292439	0.3852726	0.68753245	NA	PDE4DIPP7
NA	ENSG00000234233	10.7315365	-0.07391596	0.34440362	0.65242403	0.8264121	KCNH1-IT1

NA	ENSG00000234234	0	NA	NA	NA	NA	NA	MTCO2P8
NA	ENSG00000234235	0	NA	NA	NA	NA	NA	BOK-AS1
NA	ENSG00000234238	0	NA	NA	NA	NA	NA	
NA	ENSG00000234239	0	NA	NA	NA	NA	NA	CFL1P8
NA	ENSG00000234241	0.18922458	0.01954053	0.38488496	0.78225479	NA	NA	
NA	ENSG00000234244	0	NA	NA	NA	NA	NA	
NA	ENSG00000234247	0	NA	NA	NA	NA	NA	DNAJB6P6
NA	ENSG00000234253	0.173733	0.01914545	0.38484597	0.78225479	NA	NA	RPL7P13
NA	ENSG00000234255	1.47994957	-0.06992763	0.3882868	0.31679023	NA	NA	
NA	ENSG00000234256	0	NA	NA	NA	NA	NA	PTCD2P2
NA	ENSG00000234257	0	NA	NA	NA	NA	NA	SOD2P1
NA	ENSG00000234259	0	NA	NA	NA	NA	NA	
NA	ENSG00000234261	0	NA	NA	NA	NA	NA	
NA	ENSG00000234262	0	NA	NA	NA	NA	NA	
101928461	ENSG00000234263	0	NA	NA	NA	NA	NA	MAP3K5-AS1
101927220	ENSG00000234264	0.61336589	-0.01781535	0.38292221	0.70870956	NA	NA	DEPDC1-AS1
100505515	ENSG00000234265	0.16735865	0.01897177	0.38482933	0.78225479	NA	NA	LINC01723
NA	ENSG00000234267	2.48402755	-0.03541238	0.37563516	0.69500819	NA	NA	TULP3P1
NA	ENSG00000234268	0	NA	NA	NA	NA	NA	
NA	ENSG00000234269	0	NA	NA	NA	NA	NA	
NA	ENSG00000234270	0	NA	NA	NA	NA	NA	RPL36P20
NA	ENSG00000234271	0.68450242	-0.01882668	0.38350315	0.66998887	NA	NA	
NA	ENSG00000234272	0	NA	NA	NA	NA	NA	RPL30P2
NA	ENSG00000234273	0	NA	NA	NA	NA	NA	
NA	ENSG00000234274	0	NA	NA	NA	NA	NA	COX7BP2
NA	ENSG00000234275	0	NA	NA	NA	NA	NA	
NA	ENSG00000234276	0	NA	NA	NA	NA	NA	SDR42E1P3
NA	ENSG00000234277	0	NA	NA	NA	NA	NA	LINC01641
NA	ENSG00000234279	0	NA	NA	NA	NA	NA	LINC01937
NA	ENSG00000234281	1.02377281	-0.03966352	0.3845465	0.42962604	NA	NA	LANCL1-AS1
NA	ENSG00000234282	0	NA	NA	NA	NA	NA	
NA	ENSG00000234283	0	NA	NA	NA	NA	NA	LINC01731
345462	ENSG00000234284	77.6990942	-0.13330475	0.2355182	0.47611911	0.69811174	NA	ZNF879
NA	ENSG00000234285	0	NA	NA	NA	NA	NA	GAPDHP49
NA	ENSG00000234286	0	NA	NA	NA	NA	NA	
NA	ENSG00000234287	0.173733	0.01914545	0.38484597	0.78225479	NA	NA	
NA	ENSG00000234288	0	NA	NA	NA	NA	NA	OR1AA1P
54145	ENSG00000234289	0	NA	NA	NA	NA	NA	H2BS1

NA	ENSG00000234292	0.52816929	0.01299275	0.38341533	0.75380218	NA	
54147	ENSG00000234293	0	NA	NA	NA	NA	BACH1-IT3
NA	ENSG00000234296	7.77699495	0.10801359	0.36946407	0.46586039	0.68856963	
NA	ENSG00000234297	0	NA	NA	NA	NA	PSIP1P1
NA	ENSG00000234300	0	NA	NA	NA	NA	LINC00229
NA	ENSG00000234303	0	NA	NA	NA	NA	CLYBL-AS1
NA	ENSG00000234304	0	NA	NA	NA	NA	SGO1P2
NA	ENSG00000234306	0	NA	NA	NA	NA	
102725079	ENSG00000234308	0	NA	NA	NA	NA	LINC01878
NA	ENSG00000234309	0	NA	NA	NA	NA	SLC25A18P1
NA	ENSG00000234311	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000234312	0	NA	NA	NA	NA	SAPCD2P4
NA	ENSG00000234315	0	NA	NA	NA	NA	OSTCP5
NA	ENSG00000234318	1.19826391	0.02229614	0.37940493	0.74748917	NA	
NA	ENSG00000234319	0	NA	NA	NA	NA	RPS12P2
NA	ENSG00000234322	0	NA	NA	NA	NA	ST13P18
100996590	ENSG00000234323	2.55824472	0.08199952	0.38433822	0.39641402	NA	LINC01505
NA	ENSG00000234324	1.37023918	-0.02141261	0.379046	0.76079453	NA	RPL9P2
NA	ENSG00000234325	0	NA	NA	NA	NA	MRPS10P2
101928000	ENSG00000234327	63.004501	-0.26682148	0.2648259	0.18605083	0.3856298	ZNF232-AS1
NA	ENSG00000234329	9.71840715	0.04202591	0.34711724	0.78761214	0.90351292	
NA	ENSG00000234332	0	NA	NA	NA	NA	BCAS2P2
NA	ENSG00000234333	0	NA	NA	NA	NA	CYCSP53
NA	ENSG00000234335	0	NA	NA	NA	NA	RPS4XP11
NA	ENSG00000234336	1.58941636	-0.02455465	0.38098756	0.68376217	NA	JAZF1-AS1
NA	ENSG00000234337	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000234338	150.741455	-0.24093827	0.19158006	0.14771526	0.32969634	
NA	ENSG00000234340	0	NA	NA	NA	NA	
NA	ENSG00000234345	7.75106306	-0.02633114	0.34967503	0.85691747	0.93609679	ELF2P1
NA	ENSG00000234349	0	NA	NA	NA	NA	GLUD1P9
NA	ENSG00000234350	3.56904346	0.03373199	0.37035314	0.75284817	0.8843065	
349160	ENSG00000234352	4.76848448	-0.1563798	0.40922905	0.19649063	0.40007944	
NA	ENSG00000234353	15.4885778	0.1963698	0.37951172	0.28684137	0.51269665	
NA	ENSG00000234354	0.52986329	-0.00815252	0.38311882	0.8315893	NA	RPS26P47
NA	ENSG00000234355	0	NA	NA	NA	NA	FTH1P27
NA	ENSG00000234356	0	NA	NA	NA	NA	
NA	ENSG00000234358	0	NA	NA	NA	NA	
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NA	ENSG00000234360	0	NA	NA	NA	NA	
NA	ENSG00000234361	0	NA	NA	NA	NA	
NA	ENSG00000234362	3.63831294	0.10612635	0.38915962	0.32841803	0.55685955	LINC01914
NA	ENSG00000234363	0	NA	NA	NA	NA	PPIAP27
NA	ENSG00000234367	2.90888081	-0.05444133	0.37538431	0.59406582	0.78764139	PFN1P3
NA	ENSG00000234369	0	NA	NA	NA	NA	TATDN1P1
NA	ENSG00000234371	0	NA	NA	NA	NA	RPSAP31
NA	ENSG00000234373	21.5581944	-0.10478661	0.31382385	0.58176206	0.77877061	SNX18P7
NA	ENSG00000234376	0	NA	NA	NA	NA	UBTFL2
100874222	ENSG00000234377	0.68219892	0.0406033	0.38717363	0.35756033	NA	OBI1-AS1
NA	ENSG00000234378	0.50747966	0.03073593	0.38601567	0.48357854	NA	
NA	ENSG00000234379	0	NA	NA	NA	NA	HMGB1P48
100506385	ENSG00000234380	0	NA	NA	NA	NA	LINC01426
NA	ENSG00000234381	0.62450867	-0.03621485	0.38661765	0.42703364	NA	MED15P7
NA	ENSG00000234382	0	NA	NA	NA	NA	
NA	ENSG00000234383	4.44441	0.1810095	0.42233428	0.1570508	0.34380314	CTBP2P8
NA	ENSG00000234384	0	NA	NA	NA	NA	LINC01049
NA	ENSG00000234385	0	NA	NA	NA	NA	RCC2P1
NA	ENSG00000234386	0	NA	NA	NA	NA	OR7E162P
NA	ENSG00000234387	0	NA	NA	NA	NA	
NA	ENSG00000234388	0	NA	NA	NA	NA	TXNP3
NA	ENSG00000234389	0	NA	NA	NA	NA	
158572	ENSG00000234390	8.26799799	0.12009908	0.36797243	0.44279366	0.6677074	USP27X-DT
NA	ENSG00000234391	0	NA	NA	NA	NA	
NA	ENSG00000234393	0	NA	NA	NA	NA	
440896	ENSG00000234394	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000234396	0	NA	NA	NA	NA	
NA	ENSG00000234397	0.36288921	0.00139215	0.38336798	0.96266936	NA	PPIAP34
NA	ENSG00000234398	0	NA	NA	NA	NA	
NA	ENSG00000234399	0	NA	NA	NA	NA	RBMV2XP
NA	ENSG00000234402	0	NA	NA	NA	NA	ELK2BP
NA	ENSG00000234404	0	NA	NA	NA	NA	SPRYD7P1
NA	ENSG00000234405	11.7329409	-0.00660653	0.34767752	0.96211781	0.98470041	
NA	ENSG00000234406	0	NA	NA	NA	NA	
388849	ENSG00000234409	200.264247	0.05362194	0.15941811	0.7127229	0.86169546	CCDC188
NA	ENSG00000234413	0	NA	NA	NA	NA	MPV17L2P1
5940	ENSG00000234414	0	NA	NA	NA	NA	RBMV1A1
NA	ENSG00000234415	0	NA	NA	NA	NA	RPL5P7

	NA	ENSG00000234418	0	NA	NA	NA	NA	
	NA	ENSG00000234419	1.03801834	0.02647704	0.38236001	0.62968741	NA	CICP13
100129482	NA	ENSG00000234420	1485.99062	-0.42120908	0.08797504	8.28E-07	9.53E-06	ZNF37BP
	NA	ENSG00000234421	0	NA	NA	NA	NA	SLC25A5P4
	NA	ENSG00000234422	0	NA	NA	NA	NA	UBE2WP1
101927554	NA	ENSG00000234423	124.176775	0.04110397	0.21118965	0.81693366	0.91671007	LINC01250
	NA	ENSG00000234424	0	NA	NA	NA	NA	
	NA	ENSG00000234425	0	NA	NA	NA	NA	
	NA	ENSG00000234426	0	NA	NA	NA	NA	
	NA	ENSG00000234427	0	NA	NA	NA	NA	
	NA	ENSG00000234428	0	NA	NA	NA	NA	
	NA	ENSG00000234429	0	NA	NA	NA	NA	ANKRD11P1
	NA	ENSG00000234431	0	NA	NA	NA	NA	
	NA	ENSG00000234432	57.3388862	0.0164492	0.24851906	0.93252938	0.97195497	
100270679	NA	ENSG00000234435	0	NA	NA	NA	NA	LINC01432
	NA	ENSG00000234436	0	NA	NA	NA	NA	
390594	NA	ENSG00000234438	0.18922458	0.01954053	0.38488496	0.78225479	NA	KBTBD13
	NA	ENSG00000234439	0	NA	NA	NA	NA	KRT18P2
	NA	ENSG00000234441	0	NA	NA	NA	NA	
	NA	ENSG00000234442	6.35363866	-0.40484404	0.74692919	0.01081375	0.04419191	
728927	NA	ENSG00000234444	1076.88633	-0.01890222	0.10135764	0.84578638	0.93002282	ZNF736
	NA	ENSG00000234445	0	NA	NA	NA	NA	FGF14-AS1
	NA	ENSG00000234446	0	NA	NA	NA	NA	
	NA	ENSG00000234448	0	NA	NA	NA	NA	
	NA	ENSG00000234450	2.14591332	0.00139329	0.37256965	0.98949946	NA	
	NA	ENSG00000234451	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000234452	0	NA	NA	NA	NA	SLC16A12-AS1
	NA	ENSG00000234455	0	NA	NA	NA	NA	
100505881	NA	ENSG00000234456	2784.31167	0.03017151	0.07514258	0.68305453	0.84545523	MAGI2-AS3
	NA	ENSG00000234457	0	NA	NA	NA	NA	
	NA	ENSG00000234458	0	NA	NA	NA	NA	OR7E130P
	NA	ENSG00000234459	0	NA	NA	NA	NA	
	NA	ENSG00000234460	0	NA	NA	NA	NA	
	NA	ENSG00000234463	0	NA	NA	NA	NA	COX6CP12
	NA	ENSG00000234464	0	NA	NA	NA	NA	
390940	NA	ENSG00000234465	47.0222238	0.15960044	0.27412502	0.42316681	0.64917034	PINLYP
	NA	ENSG00000234466	0	NA	NA	NA	NA	HDGFL3P1
	NA	ENSG00000234467	0	NA	NA	NA	NA	SLC25A1P2

100288814	ENSG00000234469	0.47363189	-0.00749912	0.38323159	0.86335971	NA	CLDN34
NA	ENSG00000234471	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000234473	2.46370404	0.00508977	0.3755319	0.95284405	NA	ZNF101P2
101927704	ENSG00000234474	0	NA	NA	NA	NA	MIR3663HG
NA	ENSG00000234476	0.48937687	-0.03587766	0.38636917	0.48458983	NA	LINC02765
NA	ENSG00000234477	0	NA	NA	NA	NA	
NA	ENSG00000234478	4.17996505	0.08367502	0.37464841	0.49945586	0.71682702	ACBD3-AS1
23782	ENSG00000234479	0	NA	NA	NA	NA	AP1B1P1
NA	ENSG00000234480	0	NA	NA	NA	NA	MTCO2P18
NA	ENSG00000234481	0	NA	NA	NA	NA	
NA	ENSG00000234484	0	NA	NA	NA	NA	
NA	ENSG00000234485	0	NA	NA	NA	NA	OR7E46P
NA	ENSG00000234488	0	NA	NA	NA	NA	RPL27P6
NA	ENSG00000234489	0	NA	NA	NA	NA	ALDH7A1P4
NA	ENSG00000234491	0	NA	NA	NA	NA	HNRNPA1P51
285456	ENSG00000234492	3.7734803	-0.06333808	0.37224731	0.58288602	0.77951315	RPL34-DT
101928941	ENSG00000234493	0	NA	NA	NA	NA	RHOXF1P1
NA	ENSG00000234494	70.2556102	-0.46441162	0.32122427	0.04444955	0.13588274	SP2-AS1
NA	ENSG00000234496	0	NA	NA	NA	NA	MRPS21P1
101927320	ENSG00000234497	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ERICH3-AS1
387841	ENSG00000234498	2.21120427	0.02740346	0.37424155	0.76880666	NA	RPL13AP20
NA	ENSG00000234500	0.33907716	0.00243935	0.38338139	0.96516853	NA	
NA	ENSG00000234502	0.30139824	-0.02296476	0.38527817	0.68536535	NA	FYTTD1P1
NA	ENSG00000234503	0	NA	NA	NA	NA	
NA	ENSG00000234504	0	NA	NA	NA	NA	
101927015	ENSG00000234506	0	NA	NA	NA	NA	LINC01506
NA	ENSG00000234509	2.15677659	0.02036746	0.3755346	0.81378215	NA	
133874	ENSG00000234511	0	NA	NA	NA	NA	C5orf58
NA	ENSG00000234512	0	NA	NA	NA	NA	TLR12P
NA	ENSG00000234513	0	NA	NA	NA	NA	
NA	ENSG00000234515	0.173733	0.01914545	0.38484597	0.78225479	NA	PPP1R2P1
NA	ENSG00000234518	0.31839735	0.001337	0.38336825	0.96426826	NA	PTGES3P1
102724357	ENSG00000234519	0	NA	NA	NA	NA	
101928036	ENSG00000234520	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000234521	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000234522	0	NA	NA	NA	NA	
NA	ENSG00000234523	0	NA	NA	NA	NA	NDUFB1P2
NA	ENSG00000234524	0	NA	NA	NA	NA	RPL12P43

NA	ENSG00000234527	0	NA	NA	NA	NA	PCDH9-AS1
NA	ENSG00000234529	0	NA	NA	NA	NA	GAPDHP19
NA	ENSG00000234534	0	NA	NA	NA	NA	CSNK1G2P1
NA	ENSG00000234535	0	NA	NA	NA	NA	
NA	ENSG00000234537	1.96643951	-0.04359893	0.377975	0.61594544	NA	
NA	ENSG00000234538	0	NA	NA	NA	NA	ZNF114P1
NA	ENSG00000234540	0	NA	NA	NA	NA	
NA	ENSG00000234541	0	NA	NA	NA	NA	CHEK2P5
NA	ENSG00000234542	0	NA	NA	NA	NA	
NA	ENSG00000234544	0	NA	NA	NA	NA	PTGES3P5
257415	ENSG00000234545	880.40808	0.07978861	0.09083063	0.36610319	0.59527022	FAM133B
102724571	ENSG00000234546	10.4536309	0.08462136	0.35309911	0.59605584	0.78832911	LNCTAM34A
NA	ENSG00000234548	0	NA	NA	NA	NA	LINC02020
NA	ENSG00000234551	0	NA	NA	NA	NA	LINC01309
NA	ENSG00000234553	0	NA	NA	NA	NA	
NA	ENSG00000234556	0	NA	NA	NA	NA	LINC00701
NA	ENSG00000234557	0	NA	NA	NA	NA	PPIAP90
NA	ENSG00000234558	0	NA	NA	NA	NA	API5P1
NA	ENSG00000234559	0	NA	NA	NA	NA	RPL22P7
219869	ENSG00000234560	0	NA	NA	NA	NA	OR10G8
NA	ENSG00000234562	0	NA	NA	NA	NA	TPMTP2
NA	ENSG00000234564	0	NA	NA	NA	NA	HSPA8P20
NA	ENSG00000234565	0	NA	NA	NA	NA	COX6B1P1
NA	ENSG00000234566	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL7AP71
NA	ENSG00000234567	0	NA	NA	NA	NA	
NA	ENSG00000234568	0	NA	NA	NA	NA	BIN2P1
NA	ENSG00000234569	0.173733	0.01914545	0.38484597	0.78225479	NA	RAD1P1
NA	ENSG00000234570	0	NA	NA	NA	NA	ZFRP1
NA	ENSG00000234571	37.3882014	-0.34723656	0.41553695	0.12293272	0.29025171	H2BP2
101927438	ENSG00000234572	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01800
NA	ENSG00000234573	0	NA	NA	NA	NA	
NA	ENSG00000234575	0	NA	NA	NA	NA	CTSLP8
NA	ENSG00000234576	0	NA	NA	NA	NA	MTND1P26
NA	ENSG00000234577	0	NA	NA	NA	NA	SYNE1-AS1
NA	ENSG00000234578	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000234579	0	NA	NA	NA	NA	
NA	ENSG00000234580	0	NA	NA	NA	NA	
NA	ENSG00000234583	0	NA	NA	NA	NA	TSPY19P

NA	ENSG00000234584	0.32332238	0.00161643	0.38337078	0.96560638	NA	
643180	ENSG00000234585	234.709329	-0.07585924	0.14859449	0.57874329	0.77656626	CCT6P3
NA	ENSG00000234586	0.59774645	-0.0349948	0.38647714	0.44371175	NA	
NA	ENSG00000234587	0	NA	NA	NA	NA	MRPL50P1
NA	ENSG00000234588	0	NA	NA	NA	NA	FABP5P14
NA	ENSG00000234589	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000234590	0	NA	NA	NA	NA	GNG5P5
NA	ENSG00000234592	0	NA	NA	NA	NA	TJAP1P1
NA	ENSG00000234593	0	NA	NA	NA	NA	KAZN-AS1
NA	ENSG00000234594	0	NA	NA	NA	NA	
NA	ENSG00000234595	0	NA	NA	NA	NA	
NA	ENSG00000234597	0	NA	NA	NA	NA	
100873984	ENSG00000234601	8.59090003	0.03792069	0.35309325	0.79498819	0.90585603	CHRM3-AS1
345643	ENSG00000234602	0	NA	NA	NA	NA	MCIDAS
NA	ENSG00000234604	0	NA	NA	NA	NA	
NA	ENSG00000234607	0	NA	NA	NA	NA	
51275	ENSG00000234608	421.006888	0.22239085	0.11862926	0.04819287	0.14471721	MAPKAPK5-AS1
NA	ENSG00000234611	0	NA	NA	NA	NA	OR2AT2P
NA	ENSG00000234612	0	NA	NA	NA	NA	H2AZP5
NA	ENSG00000234613	0	NA	NA	NA	NA	
NA	ENSG00000234614	0.53369569	0.01361989	0.38345093	0.7443217	NA	C2CD4D-AS1
8629	ENSG00000234616	2008.40551	-0.12524423	0.09125854	0.15699578	0.34378031	JRK
NA	ENSG00000234617	19.5715278	0.13251109	0.32497807	0.4909351	0.71049328	SNRK-AS1
NA	ENSG00000234618	5.1400277	-0.04196514	0.36276138	0.74167181	0.87812748	RPSAP9
NA	ENSG00000234619	0	NA	NA	NA	NA	RPL7P11
NA	ENSG00000234620	0	NA	NA	NA	NA	PUDPP1
NA	ENSG00000234622	0	NA	NA	NA	NA	
NA	ENSG00000234624	0	NA	NA	NA	NA	
NA	ENSG00000234625	0	NA	NA	NA	NA	LINC00380
NA	ENSG00000234626	0	NA	NA	NA	NA	
NA	ENSG00000234627	0	NA	NA	NA	NA	NUS1P3
NA	ENSG00000234629	0	NA	NA	NA	NA	WDR82P1
NA	ENSG00000234630	6.01960982	-0.07772094	0.36537724	0.57181204	0.77185678	
NA	ENSG00000234632	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NECAP1P2
105371541	ENSG00000234634	0	NA	NA	NA	NA	LINC02093
NA	ENSG00000234636	19.6113273	0.10558381	0.33674929	0.55823484	0.76291851	MED14OS
NA	ENSG00000234637	0	NA	NA	NA	NA	RPS19P6
NA	ENSG00000234638	0	NA	NA	NA	NA	

NA	ENSG00000234639	0	NA	NA	NA	NA	
NA	ENSG00000234640	0	NA	NA	NA	NA	
NA	ENSG00000234644	0	NA	NA	NA	NA	OTX2P1
NA	ENSG00000234645	0	NA	NA	NA	NA	YWHAEP5
NA	ENSG00000234646	0	NA	NA	NA	NA	
101929420	ENSG00000234647	0	NA	NA	NA	NA	
NA	ENSG00000234648	0	NA	NA	NA	NA	
NA	ENSG00000234650	0.34624801	-0.02356563	0.38536324	0.65270996	NA	PCCA-AS1
NA	ENSG00000234652	0	NA	NA	NA	NA	AGPAT5P1
101927907	ENSG00000234653	0.37844916	0.02407552	0.3854191	0.60038877	NA	LRRTM4-AS1
NA	ENSG00000234655	0	NA	NA	NA	NA	OR7E155P
NA	ENSG00000234658	0	NA	NA	NA	NA	
NA	ENSG00000234660	0	NA	NA	NA	NA	LINC00440
101927193	ENSG00000234661	0	NA	NA	NA	NA	CHL1-AS1
NA	ENSG00000234663	0.57750503	0.03340368	0.38622545	0.46959586	NA	LINC01934
NA	ENSG00000234664	1.89381324	0.04495484	0.38106078	0.55446158	NA	HMG2N2P5
NA	ENSG00000234665	6.11370803	0.38002308	0.62258066	0.03862493	0.12228832	LERFS
NA	ENSG00000234667	0.173733	0.01914545	0.38484597	0.78225479	NA	ACTL11P
NA	ENSG00000234670	0	NA	NA	NA	NA	OR6C64P
NA	ENSG00000234671	0	NA	NA	NA	NA	MTCYBP5
NA	ENSG00000234675	0	NA	NA	NA	NA	
101929602	ENSG00000234676	0.34699665	0.00062565	0.3833631	0.96253916	NA	IFT74-AS1
NA	ENSG00000234677	0	NA	NA	NA	NA	
NA	ENSG00000234678	80.2170177	0.06086381	0.23576981	0.74501721	0.87988222	ELF3-AS1
NA	ENSG00000234680	0	NA	NA	NA	NA	VN2R3P
NA	ENSG00000234682	1.11702913	-0.05839178	0.38701996	0.32362245	NA	VDAC2P4
NA	ENSG00000234683	0.173733	0.01914545	0.38484597	0.78225479	NA	
100507495	ENSG00000234684	92.3739942	0.27348886	0.23178116	0.14817075	0.33038933	SDCBP2-AS1
NA	ENSG00000234685	0	NA	NA	NA	NA	NUS1P2
NA	ENSG00000234686	0	NA	NA	NA	NA	
NA	ENSG00000234688	1.44944611	-0.09759358	0.40083254	0.08386404	NA	
101927043	ENSG00000234690	89.105497	0.46444009	0.26614754	0.02772847	0.09424924	EPCAM-DT
NA	ENSG00000234692	0	NA	NA	NA	NA	
100506175	ENSG00000234693	0	NA	NA	NA	NA	RIPOR3-AS1
NA	ENSG00000234694	1.23429682	0.04264225	0.38319307	0.49969823	NA	
105375401	ENSG00000234695	0.33471731	0.02354391	0.38534154	0.62842204	NA	TFPI2-DT
100128688	ENSG00000234696	0	NA	NA	NA	NA	GPR50-AS1
NA	ENSG00000234698	0	NA	NA	NA	NA	

NA	ENSG00000234699	0.34056945	0.00241779	0.38338101	0.96460499	NA	
NA	ENSG00000234700	0	NA	NA	NA	NA	MTCO1P8
NA	ENSG00000234701	0	NA	NA	NA	NA	PRDX3P3
NA	ENSG00000234702	0	NA	NA	NA	NA	VDAC1P3
NA	ENSG00000234703	0	NA	NA	NA	NA	
NA	ENSG00000234705	0	NA	NA	NA	NA	HMGA1P4
NA	ENSG00000234706	0	NA	NA	NA	NA	PRUNEP1
NA	ENSG00000234707	0	NA	NA	NA	NA	SEC61G-DT
NA	ENSG00000234709	2.02640208	0.01327047	0.37359779	0.88540736	NA	UPF3AP3
NA	ENSG00000234710	0	NA	NA	NA	NA	
NA	ENSG00000234711	0	NA	NA	NA	NA	TUBB8P11
NA	ENSG00000234712	0	NA	NA	NA	NA	
NA	ENSG00000234713	0	NA	NA	NA	NA	
NA	ENSG00000234714	0	NA	NA	NA	NA	
101927870	ENSG00000234715	4.41455863	-0.07774073	0.37756604	0.49111009	0.71060078	
NA	ENSG00000234716	0	NA	NA	NA	NA	
NA	ENSG00000234717	0	NA	NA	NA	NA	TMEM212-AS1
NA	ENSG00000234718	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
729978	ENSG00000234719	37.0873662	0.04462125	0.29046743	0.81752632	0.91685309	NPIP2
NA	ENSG00000234720	0	NA	NA	NA	NA	ATP5F1AP8
400620	ENSG00000234721	0	NA	NA	NA	NA	LINC02092
103724390	ENSG00000234722	2.97735322	-0.14773633	0.41521883	0.11976716	0.28481128	LINC01287
NA	ENSG00000234723	0	NA	NA	NA	NA	
NA	ENSG00000234724	0	NA	NA	NA	NA	HDAC1P1
NA	ENSG00000234726	0	NA	NA	NA	NA	
NA	ENSG00000234730	0	NA	NA	NA	NA	
NA	ENSG00000234731	0	NA	NA	NA	NA	MTND4LP16
NA	ENSG00000234732	0	NA	NA	NA	NA	RPEP5
NA	ENSG00000234735	0	NA	NA	NA	NA	
100506733	ENSG00000234736	0	NA	NA	NA	NA	FAM170B-AS1
NA	ENSG00000234737	0	NA	NA	NA	NA	KRT18P15
NA	ENSG00000234740	3.24923345	0.02245652	0.36885211	0.83771669	0.92628758	
60674	ENSG00000234741	6136.27702	0.0042841	0.07120181	0.95199451	0.98012235	GAS5
NA	ENSG00000234742	2.70503131	-0.01157489	0.37129925	0.90486246	0.95833402	
NA	ENSG00000234743	0	NA	NA	NA	NA	EIF5AP4
NA	ENSG00000234744	0	NA	NA	NA	NA	USP9YP26
3106	ENSG00000234745	1.43726589	-0.04539262	0.38327929	0.48283272	NA	HLA-B
NA	ENSG00000234748	0	NA	NA	NA	NA	

NA	ENSG00000234749	0	NA	NA	NA	NA	FAM90A21P
NA	ENSG00000234750	5.87717216	0.19752984	0.42729293	0.1575978	0.34450642	
NA	ENSG00000234751	0.6357265	0.00251627	0.38196061	0.95617274	NA	
105755953	ENSG00000234752	0	NA	NA	NA	NA	LINC02676
101060264	ENSG00000234753	5.20710573	0.02712399	0.36778482	0.81183043	0.91473851	FOXP4-AS1
400804	ENSG00000234754	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02817
NA	ENSG00000234756	0	NA	NA	NA	NA	LINC02621
NA	ENSG00000234758	0	NA	NA	NA	NA	
NA	ENSG00000234761	0	NA	NA	NA	NA	MGAT4FP
NA	ENSG00000234763	0	NA	NA	NA	NA	
NA	ENSG00000234764	0	NA	NA	NA	NA	E2F6P1
NA	ENSG00000234765	0	NA	NA	NA	NA	ELL2P3
NA	ENSG00000234766	1.46520372	0.02714695	0.38007737	0.71063111	NA	LINC01496
NA	ENSG00000234767	0	NA	NA	NA	NA	LINC01052
NA	ENSG00000234768	0	NA	NA	NA	NA	
NA	ENSG00000234769	93.345169	0.18325593	0.23551132	0.3325151	0.56173872	WASH4P
NA	ENSG00000234770	0	NA	NA	NA	NA	GULOP
NA	ENSG00000234771	481.832597	-0.09232203	0.11711781	0.40679914	0.63510348	SLC25A25-AS1
NA	ENSG00000234772	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC00412
NA	ENSG00000234773	24.1049564	0.33200311	0.38416864	0.14115679	0.31929662	
NA	ENSG00000234775	0.16735865	0.01897177	0.38482933	0.78225479	NA	
143678	ENSG00000234776	8.23918217	0.03465628	0.3484473	0.82066739	0.91843643	C11orf94
NA	ENSG00000234777	0	NA	NA	NA	NA	LINC02529
111216284	ENSG00000234779	0	NA	NA	NA	NA	BNC2-AS1
NA	ENSG00000234780	0	NA	NA	NA	NA	
101927360	ENSG00000234781	1.05097572	0.00663357	0.38083027	0.90545316	NA	LINC01103
NA	ENSG00000234782	4.45081702	3.12256177	2.03481124	0.00351044	0.01731586	TPT1P9
NA	ENSG00000234784	0	NA	NA	NA	NA	
NA	ENSG00000234785	0.16735865	0.01897177	0.38482933	0.78225479	NA	EEF1GP5
100507428	ENSG00000234787	0	NA	NA	NA	NA	LINC00458
NA	ENSG00000234788	0.49010279	-0.00827049	0.38275245	0.84718048	NA	HSPA8P3
NA	ENSG00000234789	3.13194089	0.00501769	0.36784408	0.96486582	0.98622874	
NA	ENSG00000234790	0	NA	NA	NA	NA	NUTF2P4
NA	ENSG00000234791	0	NA	NA	NA	NA	
NA	ENSG00000234792	0	NA	NA	NA	NA	
NA	ENSG00000234793	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000234795	0	NA	NA	NA	NA	RFTN1P1
NA	ENSG00000234796	0	NA	NA	NA	NA	

NA	ENSG00000234797	6.64093745	-0.05505425	0.36630571	0.65871334	0.83073135	RPS3AP6
NA	ENSG00000234800	0	NA	NA	NA	NA	PCMTD1P3
NA	ENSG00000234801	0	NA	NA	NA	NA	MORF4
NA	ENSG00000234803	0	NA	NA	NA	NA	FAM197Y2
NA	ENSG00000234805	0	NA	NA	NA	NA	
NA	ENSG00000234806	0.85832659	0.04591292	0.38534064	0.40765246	NA	RPL26P29
NA	ENSG00000234807	2.20837199	0.09283098	0.38968351	0.3147074	NA	LINC01135
NA	ENSG00000234810	1.00178474	-0.02147519	0.38102036	0.72049909	NA	
NA	ENSG00000234811	0	NA	NA	NA	NA	
NA	ENSG00000234812	0	NA	NA	NA	NA	
NA	ENSG00000234813	0	NA	NA	NA	NA	
NA	ENSG00000234814	2.52891062	0.10526876	0.39351344	0.2713954	NA	SVIL2P
NA	ENSG00000234816	0	NA	NA	NA	NA	H2AC5P
100507506	ENSG00000234817	1.60560228	-0.06777645	0.38701032	0.34820265	NA	ECI2-DT
NA	ENSG00000234818	0	NA	NA	NA	NA	
NA	ENSG00000234819	0	NA	NA	NA	NA	
NA	ENSG00000234821	0	NA	NA	NA	NA	MRPS33P4
NA	ENSG00000234825	0	NA	NA	NA	NA	XRCC6P2
NA	ENSG00000234826	0	NA	NA	NA	NA	
285423	ENSG00000234828	0	NA	NA	NA	NA	IQCM
3451	ENSG00000234829	0	NA	NA	NA	NA	IFNA17
100132932	ENSG00000234830	0	NA	NA	NA	NA	FAM197Y9
NA	ENSG00000234832	0.34113463	0.02362671	0.38535343	0.62409272	NA	NXT1-AS1
NA	ENSG00000234835	0.96082714	-0.01801211	0.38080529	0.76312393	NA	PHBP13
NA	ENSG00000234837	0	NA	NA	NA	NA	
NA	ENSG00000234838	0	NA	NA	NA	NA	PPIAP78
NA	ENSG00000234839	0	NA	NA	NA	NA	RPS26P30
441389	ENSG00000234840	0	NA	NA	NA	NA	LINC01239
NA	ENSG00000234841	6.91023983	0.34036744	0.55603265	0.05586166	0.16215001	
NA	ENSG00000234842	0	NA	NA	NA	NA	MTCO2P16
NA	ENSG00000234844	0	NA	NA	NA	NA	CDC42P2
NA	ENSG00000234848	0.31822942	0.00117968	0.38336696	0.9657748	NA	
NA	ENSG00000234850	0	NA	NA	NA	NA	MTND2P3
NA	ENSG00000234851	7799.33338	-0.05592231	0.05805458	0.33002802	0.55861736	RPL23AP42
NA	ENSG00000234853	0	NA	NA	NA	NA	NDUFA5P3
101409253	ENSG00000234854	0	NA	NA	NA	NA	LINC00676
100505540	ENSG00000234855	0.52072932	0.01043593	0.38324495	0.77673444	NA	SLIT1-AS1
NA	ENSG00000234857	1733.37174	0.1229628	0.08654922	0.1447008	0.32486861	HNRNPUL2-BSCL2

100505782	ENSG00000234859	0	NA	NA	NA	NA		
	NA	ENSG00000234860	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000234861	0	NA	NA	NA	ATP5F1AP1	
	NA	ENSG00000234862	0	NA	NA	NA		
	NA	ENSG00000234863	0	NA	NA	NA		
	NA	ENSG00000234864	0	NA	NA	NA	LINC02632	
	NA	ENSG00000234865	0	NA	NA	NA	ADH5P5	
	NA	ENSG00000234869	0.70943029	0.04117672	0.38726725	0.34723773	NA	
	NA	ENSG00000234872	0	NA	NA	NA		
	NA	ENSG00000234877	0	NA	NA	NA		
	NA	ENSG00000234878	0	NA	NA	NA	HSPE1P1	
727699	ENSG00000234880	12.3068598	-0.56857757	0.71372077	0.03689801	0.11811172	LINC00163	
	NA	ENSG00000234881	0	NA	NA	NA	PIGFP2	
	NA	ENSG00000234882	45.4541645	-0.20572881	0.30702474	0.31631825	0.54434505	EIF3EP1
114614	ENSG00000234883	0.173733	0.01914545	0.38484597	0.78225479	NA	MIR155HG	
	NA	ENSG00000234884	8.66832007	-0.05647438	0.3616296	0.67209903	0.83855284	
	NA	ENSG00000234886	0.6911769	-0.01624055	0.38322337	0.68846529	NA	MTND5P26
	NA	ENSG00000234888	0	NA	NA	NA	NA	OFD1P15Y
	NA	ENSG00000234889	0	NA	NA	NA	NA	KPNB1P1
	NA	ENSG00000234890	0	NA	NA	NA	NA	HNRNPDLP2
	NA	ENSG00000234891	0	NA	NA	NA	NA	
	NA	ENSG00000234892	0	NA	NA	NA	NA	
	NA	ENSG00000234894	0	NA	NA	NA	NA	
	NA	ENSG00000234895	0	NA	NA	NA	NA	OR52X1P
	NA	ENSG00000234896	0	NA	NA	NA	NA	OR7E62P
	NA	ENSG00000234898	0	NA	NA	NA	NA	CHEK2P3
400618	ENSG00000234899	5.68274422	0.20562195	0.44249345	0.10033504	0.24986158	SOX9-AS1	
	NA	ENSG00000234900	0	NA	NA	NA	NA	
	NA	ENSG00000234901	0	NA	NA	NA	NA	MTND6P13
	NA	ENSG00000234902	0.33471731	0.02354391	0.38534154	0.62842204	NA	
	NA	ENSG00000234903	0	NA	NA	NA	NA	
344	ENSG00000234906	0	NA	NA	NA	NA	NA	APOC2
	NA	ENSG00000234907	0	NA	NA	NA	NA	
	NA	ENSG00000234910	0	NA	NA	NA	NA	IL6RP1
	NA	ENSG00000234911	12.9110252	-0.05903588	0.33504598	0.72773672	0.86981806	TEX21P
654434	ENSG00000234912	494.606624	-0.22948467	0.11874263	0.04140311	0.12877216	SNHG20	
	NA	ENSG00000234913	0	NA	NA	NA	NA	
	NA	ENSG00000234915	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000234917	2.79196441	-0.02487574	0.37054203	0.80902389	0.91334153	
NA	ENSG00000234918	0	NA	NA	NA	NA	
NA	ENSG00000234919	0	NA	NA	NA	NA	LINC01827
NA	ENSG00000234921	0	NA	NA	NA	NA	
NA	ENSG00000234922	0	NA	NA	NA	NA	TSEN15P3
NA	ENSG00000234925	1.68444515	-0.03608322	0.38056662	0.61142119	NA	ATP5PDP4
NA	ENSG00000234927	0.36347431	0.02389841	0.38539298	0.6097095	NA	HMG1N1P18
101929374	ENSG00000234928	1.38072594	0.03115623	0.38094479	0.63899866	NA	LINC01659
NA	ENSG00000234929	1.63861202	0.08755672	0.39806848	0.07807489	NA	
NA	ENSG00000234931	0	NA	NA	NA	NA	MARK2P15
NA	ENSG00000234932	0	NA	NA	NA	NA	
NA	ENSG00000234933	0	NA	NA	NA	NA	CDC42P1
NA	ENSG00000234934	0	NA	NA	NA	NA	MTND5P29
NA	ENSG00000234936	2.81031225	0.12136304	0.39979387	0.21582022	0.42665138	
NA	ENSG00000234937	1.6906133	-0.07787021	0.38897037	0.30885645	NA	
NA	ENSG00000234938	0	NA	NA	NA	NA	
NA	ENSG00000234939	0	NA	NA	NA	NA	MTND2P18
NA	ENSG00000234940	0	NA	NA	NA	NA	
NA	ENSG00000234941	0	NA	NA	NA	NA	
100507470	ENSG00000234942	2.25601457	-0.07516959	0.38863431	0.21142553	NA	GRID1-AS1
NA	ENSG00000234943	0	NA	NA	NA	NA	
101929445	ENSG00000234944	34.4672218	0.02564418	0.29165038	0.89497841	0.95469109	LINC02623
100505624	ENSG00000234945	6.62202731	0.0791612	0.3684951	0.5524787	0.75887409	GTF3C2-AS1
NA	ENSG00000234946	0.16735865	0.01897177	0.38482933	0.78225479	NA	SDHCP3
101927700	ENSG00000234948	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01524
105373958	ENSG00000234949	0.87728738	0.04336945	0.38475722	0.41284557	NA	
NA	ENSG00000234950	0	NA	NA	NA	NA	RBM2OP
NA	ENSG00000234952	0	NA	NA	NA	NA	LINC02674
101927434	ENSG00000234953	0	NA	NA	NA	NA	
100507406	ENSG00000234956	0	NA	NA	NA	NA	LINC02539
NA	ENSG00000234958	0	NA	NA	NA	NA	FABP5P13
NA	ENSG00000234961	1.69278353	0.0863213	0.39531667	0.14923634	NA	
NA	ENSG00000234962	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC00700
NA	ENSG00000234964	0	NA	NA	NA	NA	FABP5P7
440829	ENSG00000234965	0	NA	NA	NA	NA	SHISA8
NA	ENSG00000234967	0.97001019	-0.0675202	0.39187299	0.1971191	NA	
NA	ENSG00000234969	9.69598592	0.18106429	0.39051202	0.28086633	0.50556476	AARSD1P1
102724264	ENSG00000234973	0	NA	NA	NA	NA	LINC02658

NA	ENSG00000234975	0.85508201	0.02068562	0.38079809	0.73336268	NA	FTH1P2
NA	ENSG00000234977	0	NA	NA	NA	NA	
NA	ENSG00000234979	0	NA	NA	NA	NA	
NA	ENSG00000234981	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000234982	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000234983	3.65719368	0.12107171	0.40594999	0.1227472	0.28995172	
NA	ENSG00000234984	0	NA	NA	NA	NA	FMO10P
NA	ENSG00000234985	0	NA	NA	NA	NA	
NA	ENSG00000234986	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000234988	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC01849
NA	ENSG00000234993	0	NA	NA	NA	NA	CUBNP2
NA	ENSG00000234995	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPS3AP28
148709	ENSG00000234996	57.8257121	-0.00647123	0.23947994	0.97169254	0.98938604	ACTG1P25
NA	ENSG00000234997	3.97254555	-0.00038031	0.36626292	0.99519224	0.99852582	
NA	ENSG00000234998	0	NA	NA	NA	NA	
NA	ENSG00000234999	0.16735865	0.01897177	0.38482933	0.78225479	NA	SNRPCP19
NA	ENSG00000235001	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EIF4A1P2
NA	ENSG00000235002	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000235004	0	NA	NA	NA	NA	USP9YP30
NA	ENSG00000235005	0	NA	NA	NA	NA	
NA	ENSG00000235007	0	NA	NA	NA	NA	
NA	ENSG00000235008	0.173733	0.01914545	0.38484597	0.78225479	NA	
100996902	ENSG00000235009	0	NA	NA	NA	NA	LINC01883
NA	ENSG00000235010	2.77019401	0.043997	0.37403202	0.6631789	0.83380582	
NA	ENSG00000235011	0	NA	NA	NA	NA	
NA	ENSG00000235012	0.15069912	-0.01848503	0.38480575	0.84537521	NA	JCADP1
NA	ENSG00000235013	0	NA	NA	NA	NA	COX20P2
NA	ENSG00000235014	0	NA	NA	NA	NA	REREP2Y
NA	ENSG00000235015	0	NA	NA	NA	NA	GEMIN2P1
100129060	ENSG00000235016	49.3745573	0.2271839	0.27835468	0.26597291	0.48827746	SEMA3F-AS1
NA	ENSG00000235018	0.3409998	0.00260408	0.38338409	0.96282695	NA	
NA	ENSG00000235020	0.51338134	0.02901278	0.38577108	0.57141025	NA	
NA	ENSG00000235021	0	NA	NA	NA	NA	
NA	ENSG00000235023	13.8690561	0.08221209	0.33562443	0.64069129	0.82008361	
NA	ENSG00000235024	2.11903792	-0.07877901	0.39121378	0.24842676	NA	
389023	ENSG00000235026	3.16839953	0.10839756	0.3963075	0.2303801	0.44631785	DPP10-AS1
NA	ENSG00000235027	2.10994421	-0.0033619	0.37509714	0.96686114	NA	
NA	ENSG00000235028	0	NA	NA	NA	NA	HMG1P30

105375606	ENSG00000235029	0	NA	NA	NA	NA	MNX1-AS2
NA	ENSG00000235032	0	NA	NA	NA	NA	BMP7-AS1
100505635	ENSG00000235033	14.7677393	1.42371183	0.93413907	0.00387886	0.01877904	DAAM2-AS1
342918	ENSG00000235034	32.5150152	0.01054811	0.27987746	0.95795019	0.98268084	C19orf81
NA	ENSG00000235035	0	NA	NA	NA	NA	
NA	ENSG00000235036	4.57941627	0.17143736	0.41450561	0.18682763	0.38675502	
NA	ENSG00000235038	0	NA	NA	NA	NA	
NA	ENSG00000235039	0	NA	NA	NA	NA	MTND6P12
NA	ENSG00000235040	0	NA	NA	NA	NA	MTCO3P1
NA	ENSG00000235042	0.6811135	0.00430387	0.38245477	0.91962625	NA	SMARCAL1-AS1
NA	ENSG00000235043	0	NA	NA	NA	NA	TECRP1
NA	ENSG00000235044	2.13928205	0.02206286	0.37609548	0.79474202	NA	PPIAP3
NA	ENSG00000235045	0.89802186	0.04004814	0.38510671	0.42829731	NA	RPL7P8
NA	ENSG00000235047	0	NA	NA	NA	NA	
100271702	ENSG00000235049	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC00940
NA	ENSG00000235050	0	NA	NA	NA	NA	MLIP-AS1
NA	ENSG00000235051	0.69061353	0.04032093	0.3871497	0.35703835	NA	
NA	ENSG00000235052	0.63396199	0.00243652	0.3825166	0.95292108	NA	
284661	ENSG00000235054	0	NA	NA	NA	NA	LINC01777
NA	ENSG00000235055	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000235056	0	NA	NA	NA	NA	
NA	ENSG00000235058	0	NA	NA	NA	NA	ZMYND10-AS1
NA	ENSG00000235060	0	NA	NA	NA	NA	VDAC1P4
NA	ENSG00000235061	0	NA	NA	NA	NA	UBE2V1P7
NA	ENSG00000235062	0	NA	NA	NA	NA	BCRP5
NA	ENSG00000235064	0	NA	NA	NA	NA	SLC25A5P2
NA	ENSG00000235065	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL24P2
NA	ENSG00000235066	0.37027566	0.02394581	0.38540043	0.60636585	NA	
NA	ENSG00000235069	0	NA	NA	NA	NA	
NA	ENSG00000235070	0	NA	NA	NA	NA	
NA	ENSG00000235071	0	NA	NA	NA	NA	
NA	ENSG00000235072	7.17744129	0.05190531	0.3663413	0.67815446	0.84291038	ARNILA
NA	ENSG00000235076	0.81529013	0.02797051	0.38423262	0.52762508	NA	GAPDHP52
NA	ENSG00000235077	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000235078	14.1835185	-0.01182327	0.32964351	0.9426419	0.97635163	
NA	ENSG00000235079	1.13500299	0.00016547	0.37937117	0.99831242	NA	ZRANB2-AS1
NA	ENSG00000235080	0	NA	NA	NA	NA	MTND5P23
NA	ENSG00000235081	0.51295475	0.01546653	0.38313024	0.73719805	NA	

	NA	ENSG00000235082	0	NA	NA	NA	NA	SUMO1P3
	NA	ENSG00000235083	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000235084	1.03751962	0.03817649	0.38538177	0.40757108	NA	CHCHD2P6
	NA	ENSG00000235085	0	NA	NA	NA	NA	
100874312		ENSG00000235086	0	NA	NA	NA	NA	FNDC1-IT1
	NA	ENSG00000235088	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000235089	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000235090	0.34746601	0.02370763	0.3853651	0.61987128	NA	RPL7L1P3
	NA	ENSG00000235091	0	NA	NA	NA	NA	
	NA	ENSG00000235092	127.56849	-0.37188171	0.22387365	0.04613365	0.13991007	ID2-AS1
	NA	ENSG00000235094	0	NA	NA	NA	NA	
	NA	ENSG00000235095	0	NA	NA	NA	NA	
	NA	ENSG00000235096	0.37844916	0.02407552	0.3854191	0.60038877	NA	
144817		ENSG00000235097	0	NA	NA	NA	NA	LINC00330
441869		ENSG00000235098	32.8166268	0.90315659	0.48251235	0.00575724	0.02622752	ANKRD65
	NA	ENSG00000235099	0	NA	NA	NA	NA	
	NA	ENSG00000235100	5.59503475	-0.09914658	0.38110483	0.40765911	0.63599565	
	NA	ENSG00000235101	0	NA	NA	NA	NA	SETP9
	NA	ENSG00000235102	0	NA	NA	NA	NA	ADI1P1
	NA	ENSG00000235105	0	NA	NA	NA	NA	
266655		ENSG00000235106	679.064728	-0.05097936	0.09726689	0.58705848	0.78237765	BRD3OS
	NA	ENSG00000235108	0	NA	NA	NA	NA	IFNA12P
64288		ENSG00000235109	80.8516937	-0.06675558	0.23672291	0.71957858	0.86581594	ZSCAN31
	NA	ENSG00000235110	0	NA	NA	NA	NA	
	NA	ENSG00000235111	2.15869266	-0.13870779	0.41516088	0.07199129	NA	
	NA	ENSG00000235112	0	NA	NA	NA	NA	HSPE1P27
	NA	ENSG00000235113	0	NA	NA	NA	NA	
	NA	ENSG00000235115	0	NA	NA	NA	NA	CHCHD2P8
200726		ENSG00000235118	0	NA	NA	NA	NA	FAM237A
	NA	ENSG00000235119	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
	NA	ENSG00000235120	0	NA	NA	NA	NA	BSN-AS1
	NA	ENSG00000235121	3.60448573	0.05908055	0.37374131	0.59225165	0.78670814	
	NA	ENSG00000235122	0	NA	NA	NA	NA	
100506492		ENSG00000235123	0	NA	NA	NA	NA	DSCAM-AS1
	NA	ENSG00000235124	0	NA	NA	NA	NA	KRT8P17
	NA	ENSG00000235126	0	NA	NA	NA	NA	
	NA	ENSG00000235127	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000235128	0	NA	NA	NA	NA	

NA	ENSG00000235129	0	NA	NA	NA	NA	FABP7P2
NA	ENSG00000235131	0	NA	NA	NA	NA	TP73-AS2
NA	ENSG00000235133	0	NA	NA	NA	NA	RPL35AP22
NA	ENSG00000235136	0	NA	NA	NA	NA	PSMA5P1
NA	ENSG00000235137	0.45209736	-0.02505403	0.38558831	0.57865948	NA	HSP90AB6P
100130548	ENSG00000235138	19.6894146	0.04192375	0.3227687	0.8157532	0.9163678	
101927378	ENSG00000235139	0	NA	NA	NA	NA	
105378318	ENSG00000235140	0.41813098	0.01450755	0.38400752	0.81914816	NA	
NA	ENSG00000235141	0	NA	NA	NA	NA	COX6CP17
100422737	ENSG00000235142	1.16135039	-0.0532717	0.38571722	0.34335967	NA	LINC02532
NA	ENSG00000235143	0	NA	NA	NA	NA	
NA	ENSG00000235145	0	NA	NA	NA	NA	RPSAP16
NA	ENSG00000235146	0	NA	NA	NA	NA	
NA	ENSG00000235147	0	NA	NA	NA	NA	
NA	ENSG00000235148	0	NA	NA	NA	NA	HMGB3P23
NA	ENSG00000235149	0	NA	NA	NA	NA	
NA	ENSG00000235150	0	NA	NA	NA	NA	RCBTB2P1
NA	ENSG00000235151	3.37812808	-0.05764409	0.374779	0.58487857	0.78083513	
NA	ENSG00000235152	0	NA	NA	NA	NA	
NA	ENSG00000235154	0	NA	NA	NA	NA	
644444	ENSG00000235156	0	NA	NA	NA	NA	TMEM30CP
NA	ENSG00000235158	0	NA	NA	NA	NA	
NA	ENSG00000235159	3.90305224	0.08404724	0.37681274	0.480325	0.70158112	
107984780	ENSG00000235160	0	NA	NA	NA	NA	LINC02248
387882	ENSG00000235162	468.104205	-0.58593915	0.12567706	9.57E-07	1.09E-05	C12orf75
NA	ENSG00000235163	0	NA	NA	NA	NA	
NA	ENSG00000235165	0	NA	NA	NA	NA	CDK5P1
NA	ENSG00000235166	2.13051303	0.03242913	0.37711669	0.70017351	NA	LINC01440
NA	ENSG00000235168	0	NA	NA	NA	NA	
388588	ENSG00000235169	35.9676143	0.15363707	0.2924449	0.44409546	0.66905081	SMIM1
NA	ENSG00000235170	0	NA	NA	NA	NA	MTND1P31
257358	ENSG00000235172	0	NA	NA	NA	NA	LINC01366
51236	ENSG00000235173	582.513626	-0.11371845	0.10692596	0.26570939	0.48802762	HGH1
NA	ENSG00000235174	0	NA	NA	NA	NA	RPL39P3
NA	ENSG00000235175	0	NA	NA	NA	NA	RPL26P37
101101772	ENSG00000235180	0	NA	NA	NA	NA	LINC00601
NA	ENSG00000235181	0	NA	NA	NA	NA	
NA	ENSG00000235182	0	NA	NA	NA	NA	

NA	ENSG00000235183	0	NA	NA	NA	NA	SRP14P3
105378614	ENSG00000235185	0	NA	NA	NA	NA	
NA	ENSG00000235186	0	NA	NA	NA	NA	
NA	ENSG00000235189	1.55110818	0.02665974	0.37987812	0.70052259	NA	
NA	ENSG00000235190	0	NA	NA	NA	NA	
100874085	ENSG00000235191	0	NA	NA	NA	NA	NUCB1-AS1
NA	ENSG00000235192	0	NA	NA	NA	NA	
90673	ENSG00000235194	156.311509	-0.22935688	0.17843066	0.14621827	0.32701731	PPP1R3E
NA	ENSG00000235196	0.33948246	0.00261378	0.3833843	0.96350246	NA	
NA	ENSG00000235197	0.173733	0.01914545	0.38484597	0.78225479	NA	ZNF33CP
NA	ENSG00000235198	0	NA	NA	NA	NA	
NA	ENSG00000235199	0	NA	NA	NA	NA	CYP2C58P
NA	ENSG00000235200	0	NA	NA	NA	NA	LINC01702
NA	ENSG00000235201	0	NA	NA	NA	NA	LINC02578
104355292	ENSG00000235202	0	NA	NA	NA	NA	LINC01525
NA	ENSG00000235203	0	NA	NA	NA	NA	TBC1D3P3
NA	ENSG00000235204	0	NA	NA	NA	NA	
NA	ENSG00000235205	0	NA	NA	NA	NA	TATDN2P3
NA	ENSG00000235207	0.16735865	0.01897177	0.38482933	0.78225479	NA	TUBBP6
NA	ENSG00000235208	0	NA	NA	NA	NA	
NA	ENSG00000235209	0	NA	NA	NA	NA	
NA	ENSG00000235211	0	NA	NA	NA	NA	TMSB10P2
NA	ENSG00000235213	0	NA	NA	NA	NA	OR6E1P
140846	ENSG00000235214	0	NA	NA	NA	NA	FAM83C-AS1
NA	ENSG00000235215	0	NA	NA	NA	NA	
NA	ENSG00000235217	184.383505	-0.07362788	0.18917622	0.65340676	0.82733998	TSPY26P
NA	ENSG00000235218	0	NA	NA	NA	NA	DNAJC17P1
NA	ENSG00000235219	0	NA	NA	NA	NA	
NA	ENSG00000235221	0	NA	NA	NA	NA	LINC00383
NA	ENSG00000235224	0	NA	NA	NA	NA	
NA	ENSG00000235225	0.50623771	0.01245901	0.38343271	0.76506749	NA	RPL31P17
NA	ENSG00000235226	0	NA	NA	NA	NA	
NA	ENSG00000235227	0	NA	NA	NA	NA	VN1R38P
NA	ENSG00000235232	0	NA	NA	NA	NA	MRPS18BP2
NA	ENSG00000235235	0	NA	NA	NA	NA	IGKV1OR2-1
NA	ENSG00000235236	2.24738878	0.0348708	0.37472146	0.71178749	NA	
NA	ENSG00000235237	0.70524781	0.0279442	0.38378037	0.56190997	NA	
NA	ENSG00000235238	0	NA	NA	NA	NA	SUMO2P1

NA	ENSG00000235239	0	NA	NA	NA	NA	ACTRT1P1
NA	ENSG00000235240	0	NA	NA	NA	NA	
NA	ENSG00000235241	0	NA	NA	NA	NA	
NA	ENSG00000235242	0	NA	NA	NA	NA	
NA	ENSG00000235243	0	NA	NA	NA	NA	
642776	ENSG00000235244	10.0020356	0.31701834	0.48437952	0.10507	0.25840943	DANT2
NA	ENSG00000235246	0	NA	NA	NA	NA	
NA	ENSG00000235248	0	NA	NA	NA	NA	OR13C1P
NA	ENSG00000235251	0.30002178	-0.02294464	0.38527539	0.68644506	NA	
NA	ENSG00000235253	1.34753639	0.02616346	0.38127731	0.67083862	NA	
NA	ENSG00000235254	0.33920167	0.00249419	0.38338228	0.96464488	NA	TMEM185AP1
NA	ENSG00000235256	0	NA	NA	NA	NA	FKBP4P7
101928153	ENSG00000235257	93.3163432	0.01761056	0.21161864	0.92037078	0.96646868	ITGA9-AS1
NA	ENSG00000235258	0.37844916	0.02407552	0.3854191	0.60038877	NA	NDUFB4P6
NA	ENSG00000235262	0.5972779	-0.02732172	0.38586499	0.50076333	NA	KDM5C-IT1
NA	ENSG00000235263	0	NA	NA	NA	NA	
NA	ENSG00000235264	0	NA	NA	NA	NA	RPL5P28
NA	ENSG00000235266	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL22P17
NA	ENSG00000235267	0.46611847	-0.00759768	0.38325806	0.86724052	NA	
390245	ENSG00000235268	0	NA	NA	NA	NA	KDM4E
105370503	ENSG00000235269	0	NA	NA	NA	NA	LINC02331
NA	ENSG00000235271	0.70358714	0.03007482	0.38333253	0.54306061	NA	
NA	ENSG00000235272	7.87636477	-0.03210035	0.35046981	0.82614031	0.92125524	RAMACL
NA	ENSG00000235274	0	NA	NA	NA	NA	
NA	ENSG00000235275	0	NA	NA	NA	NA	KRT18P16
NA	ENSG00000235277	0	NA	NA	NA	NA	
NA	ENSG00000235278	0	NA	NA	NA	NA	ZNF652P1
NA	ENSG00000235279	0	NA	NA	NA	NA	
NA	ENSG00000235280	42.1329053	-0.0804256	0.2678193	0.67723617	0.84229976	MCF2L-AS1
NA	ENSG00000235281	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000235282	0	NA	NA	NA	NA	DYNLL1P3
26786	ENSG00000235284	0	NA	NA	NA	NA	SNORD62A
100874377	ENSG00000235285	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SMIM2-IT1
NA	ENSG00000235286	0.85322318	0.04461796	0.38509595	0.41768274	NA	
NA	ENSG00000235288	37.2595913	0.01953144	0.37390982	0.83790742	0.92628758	
NA	ENSG00000235289	0	NA	NA	NA	NA	BRD7P6
NA	ENSG00000235290	1.36545135	0.00682189	0.37774106	0.92614194	NA	HLA-W
NA	ENSG00000235292	0	NA	NA	NA	NA	

	NA	ENSG00000235293	0	NA	NA	NA	NA	
	NA	ENSG00000235294	0	NA	NA	NA	NA	RPL7AP25
100192420	ENSG00000235295	0	NA	NA	NA	NA	NA	LINC01634
	NA	ENSG00000235296	0.85933088	-0.0094171	0.38079954	0.86824019	NA	
	NA	ENSG00000235297	0.16735865	0.01897177	0.38482933	0.78225479	NA	FAUP1
	NA	ENSG00000235298	35.2972651	0.54116958	0.38780598	0.0353518	0.11417545	
	NA	ENSG00000235299	0	NA	NA	NA	NA	MRPL53P1
105371807	ENSG00000235300	0	NA	NA	NA	NA	NA	
	NA	ENSG00000235301	0	NA	NA	NA	NA	HLA-Z
	NA	ENSG00000235303	0	NA	NA	NA	NA	
286442	ENSG00000235304	0	NA	NA	NA	NA	NA	LINC01281
	NA	ENSG00000235306	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAPDHP34
	NA	ENSG00000235308	1.46430547	-0.00355604	0.37599908	0.96407397	NA	
	NA	ENSG00000235310	0	NA	NA	NA	NA	GXYLT1P6
	NA	ENSG00000235312	0	NA	NA	NA	NA	KRTAP19-10P
	NA	ENSG00000235313	3.0745201	-0.02026967	0.36903145	0.8482425	0.93095493	HM13-IT1
	NA	ENSG00000235314	78.8325638	0.07078727	0.22950824	0.70244876	0.85694048	LINC00957
	NA	ENSG00000235315	0	NA	NA	NA	NA	RPL23AP69
	NA	ENSG00000235316	127.091287	0.21658847	0.20504111	0.21422504	0.42438929	DUSP8P5
	NA	ENSG00000235318	0	NA	NA	NA	NA	MTND4LP13
	NA	ENSG00000235319	0.97246569	-0.02034521	0.38097118	0.73412661	NA	
	NA	ENSG00000235321	0	NA	NA	NA	NA	
	NA	ENSG00000235323	0	NA	NA	NA	NA	COTL1P2
	NA	ENSG00000235325	0	NA	NA	NA	NA	SRSF3P5
	NA	ENSG00000235328	0	NA	NA	NA	NA	
	NA	ENSG00000235329	0	NA	NA	NA	NA	
	NA	ENSG00000235330	0	NA	NA	NA	NA	RPL12P25
	NA	ENSG00000235332	0	NA	NA	NA	NA	RPSAP76
	NA	ENSG00000235333	0	NA	NA	NA	NA	PVRIG2P
	NA	ENSG00000235334	0	NA	NA	NA	NA	BTG3P1
	NA	ENSG00000235335	0	NA	NA	NA	NA	B3GALT1-AS1
	NA	ENSG00000235337	0	NA	NA	NA	NA	
	NA	ENSG00000235338	0	NA	NA	NA	NA	DUSP5P2
	NA	ENSG00000235339	0	NA	NA	NA	NA	GEMIN2P2
	NA	ENSG00000235343	0	NA	NA	NA	NA	LINC01665
	NA	ENSG00000235347	0	NA	NA	NA	NA	
	NA	ENSG00000235349	0	NA	NA	NA	NA	
	NA	ENSG00000235350	0	NA	NA	NA	NA	

NA	ENSG00000235351	12.4779096	0.05578301	0.33925457	0.73878862	0.87654385	
NA	ENSG00000235352	0	NA	NA	NA	NA	SGCEP1
NA	ENSG00000235354	0.51937201	-0.02557462	0.38567603	0.54680819	NA	RPS29P16
NA	ENSG00000235356	0	NA	NA	NA	NA	
NA	ENSG00000235357	5.52253232	-0.42530532	0.78841646	0.01028009	0.04237628	LINC01621
NA	ENSG00000235358	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000235361	0	NA	NA	NA	NA	
NA	ENSG00000235363	0	NA	NA	NA	NA	SNRPGP10
NA	ENSG00000235366	0	NA	NA	NA	NA	LINC01055
NA	ENSG00000235368	0	NA	NA	NA	NA	SAPCD2P2
NA	ENSG00000235369	1.54043068	0.03708843	0.38226769	0.56153152	NA	RPL36AP15
NA	ENSG00000235370	228.891668	0.2601755	0.22949638	0.16411385	0.35345406	DNM1P51
NA	ENSG00000235371	0	NA	NA	NA	NA	
728039	ENSG00000235374	44.7848845	-0.232028	0.29396808	0.26158317	0.4835377	SSR4P1
729020	ENSG00000235376	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPEL1
NA	ENSG00000235377	0	NA	NA	NA	NA	
NA	ENSG00000235378	0	NA	NA	NA	NA	MRPS10P1
NA	ENSG00000235379	0	NA	NA	NA	NA	RPL7P31
NA	ENSG00000235381	137.954229	0.13440309	0.18903386	0.41564669	0.64249554	
NA	ENSG00000235382	0	NA	NA	NA	NA	MTND4P31
109729169	ENSG00000235385	0	NA	NA	NA	NA	LINC02154
NA	ENSG00000235386	0	NA	NA	NA	NA	
158376	ENSG00000235387	0	NA	NA	NA	NA	SPAAR
NA	ENSG00000235389	0	NA	NA	NA	NA	
NA	ENSG00000235390	0	NA	NA	NA	NA	
100874018	ENSG00000235397	2.29976206	-0.03994559	0.37660313	0.65631736	NA	EPN2-AS1
NA	ENSG00000235399	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000235400	0	NA	NA	NA	NA	
NA	ENSG00000235403	0	NA	NA	NA	NA	
440602	ENSG00000235407	0	NA	NA	NA	NA	CYMP-AS1
NA	ENSG00000235408	7.34335782	0.11227802	0.36887241	0.45798506	0.6814881	SNORA71B
NA	ENSG00000235410	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000235411	1.04683507	0.03640753	0.38500215	0.41223135	NA	DRG1P1
NA	ENSG00000235413	2.26693476	-0.01329483	0.3736281	0.88272365	NA	KRT18P63
NA	ENSG00000235414	0	NA	NA	NA	NA	RPSAP24
105372672	ENSG00000235415	0	NA	NA	NA	NA	
NA	ENSG00000235416	0	NA	NA	NA	NA	TIPINP1
NA	ENSG00000235419	0	NA	NA	NA	NA	

NA	ENSG00000235420	0	NA	NA	NA	NA	RPL29P30
NA	ENSG00000235421	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000235422	0	NA	NA	NA	NA	KATNBL1P3
NA	ENSG00000235424	0	NA	NA	NA	NA	SUMO2P10
NA	ENSG00000235425	0	NA	NA	NA	NA	RPS7P13
NA	ENSG00000235426	0	NA	NA	NA	NA	
NA	ENSG00000235427	0	NA	NA	NA	NA	
NA	ENSG00000235429	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000235430	0	NA	NA	NA	NA	ZSWIM5P1
NA	ENSG00000235431	0	NA	NA	NA	NA	
NA	ENSG00000235432	0	NA	NA	NA	NA	
NA	ENSG00000235433	0.74659737	-0.03303578	0.38644226	0.4112877	NA	MTATP6P17
NA	ENSG00000235434	0	NA	NA	NA	NA	
NA	ENSG00000235435	0	NA	NA	NA	NA	
442523	ENSG00000235436	22.0356549	-0.01645093	0.31885492	0.92468149	0.96862095	DPY19L2P4
92249	ENSG00000235437	340.856184	-0.11396461	0.13469944	0.36496923	0.5944495	LINC01278
105370105	ENSG00000235438	0.50746864	0.01531133	0.38313421	0.74042389	NA	ESRRAP2
NA	ENSG00000235440	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS2P15
NA	ENSG00000235444	0	NA	NA	NA	NA	PSMB3P2
NA	ENSG00000235445	0	NA	NA	NA	NA	
NA	ENSG00000235446	0	NA	NA	NA	NA	LINC02791
NA	ENSG00000235447	0	NA	NA	NA	NA	TRAPPC13P1
NA	ENSG00000235448	5.10348725	0.09866919	0.37832755	0.43621454	0.6612819	LURAP1L-AS1
NA	ENSG00000235449	0.63498831	0.00101637	0.38194967	0.9813044	NA	
NA	ENSG00000235450	0	NA	NA	NA	NA	
NA	ENSG00000235451	0	NA	NA	NA	NA	PNPLA4P1
100129250	ENSG00000235453	99.7880652	0.03336513	0.22471853	0.85637954	0.93595581	SMIM27
NA	ENSG00000235454	7.73080337	-0.05482395	0.36116692	0.68387534	0.84594343	HAUS6P3
101928999	ENSG00000235455	0	NA	NA	NA	NA	IQCF5-AS1
NA	ENSG00000235459	0.66428818	0.00276318	0.38131679	0.95637491	NA	RPS26P31
NA	ENSG00000235461	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000235462	0	NA	NA	NA	NA	TAB3P1
NA	ENSG00000235463	0	NA	NA	NA	NA	
NA	ENSG00000235464	0	NA	NA	NA	NA	
NA	ENSG00000235467	0	NA	NA	NA	NA	RPL10AP5
NA	ENSG00000235469	0	NA	NA	NA	NA	MRPL50P4
102724341	ENSG00000235470	0.34624801	-0.02356563	0.38536324	0.65270996	NA	NEURL1-AS1
NA	ENSG00000235472	0	NA	NA	NA	NA	EIF4A1P7

100996342	ENSG00000235478	2.34553586	0.00548382	0.37412881	0.95204203	NA	LINC01664
NA	ENSG00000235479	0	NA	NA	NA	NA	RAB9AP4
105373496	ENSG00000235480	0.88612811	0.04001483	0.38502973	0.43122769	NA	
NA	ENSG00000235481	13.4632273	0.29925426	0.45244889	0.13115515	0.30359562	UBE2R2-AS1
NA	ENSG00000235482	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL21P135
NA	ENSG00000235483	0	NA	NA	NA	NA	GYG2-AS1
NA	ENSG00000235485	0	NA	NA	NA	NA	
NA	ENSG00000235486	0	NA	NA	NA	NA	ANAPC1P6
NA	ENSG00000235488	0.49525314	-0.02948176	0.38590041	0.52595419	NA	JARID2-AS1
NA	ENSG00000235489	14.3756043	-0.63872013	0.72483368	0.03070952	0.10216479	DBF4P1
NA	ENSG00000235491	0	NA	NA	NA	NA	LINC01889
104266961	ENSG00000235492	0	NA	NA	NA	NA	LINC01221
NA	ENSG00000235493	0	NA	NA	NA	NA	LINC01967
NA	ENSG00000235494	0	NA	NA	NA	NA	
NA	ENSG00000235495	0	NA	NA	NA	NA	
NA	ENSG00000235497	0	NA	NA	NA	NA	
NA	ENSG00000235499	0	NA	NA	NA	NA	
NA	ENSG00000235500	0.173733	0.01914545	0.38484597	0.78225479	NA	SNX19P2
NA	ENSG00000235501	114.280099	0.33190751	0.20500356	0.05867948	0.16825136	CNN3-DT
NA	ENSG00000235503	0	NA	NA	NA	NA	
643733	ENSG00000235505	0	NA	NA	NA	NA	CASP4LP
NA	ENSG00000235508	1.28797738	-0.05021093	0.38314437	0.47807505	NA	RPS2P7
NA	ENSG00000235510	0	NA	NA	NA	NA	
NA	ENSG00000235511	0	NA	NA	NA	NA	OFD1P18Y
NA	ENSG00000235512	0	NA	NA	NA	NA	TAB3-AS2
NA	ENSG00000235513	2.93877683	-0.04005289	0.37588515	0.66372655	0.83407238	L3MBTL2-AS1
NA	ENSG00000235514	0.30001565	-0.02294458	0.38527538	0.68644889	NA	LLPHP2
NA	ENSG00000235518	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000235519	0	NA	NA	NA	NA	LINC01815
NA	ENSG00000235521	0	NA	NA	NA	NA	USP9YP27
NA	ENSG00000235522	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000235523	0	NA	NA	NA	NA	
NA	ENSG00000235524	0	NA	NA	NA	NA	MTCO1P23
NA	ENSG00000235525	0	NA	NA	NA	NA	FTLP1
NA	ENSG00000235526	2.68004081	-0.16200829	0.42398486	0.09603496	0.24194713	
101928846	ENSG00000235527	3.57788975	-0.04677451	0.37102532	0.67119539	0.83824921	HIPK1-AS1
100506749	ENSG00000235529	0.3390936	0.00244666	0.38338151	0.96509873	NA	AGAP1-IT1
107984969	ENSG00000235530	7.02243491	-0.15699654	0.39048669	0.29683863	0.52357548	

100132891	ENSG00000235531	1.23892514	0.03944131	0.38377265	0.49141834	NA	MSC-AS1
100507612	ENSG00000235532	0.85896995	0.03031254	0.38448372	0.49860827	NA	LINC00402
NA	ENSG00000235533	0	NA	NA	NA	NA	
NA	ENSG00000235534	0	NA	NA	NA	NA	FECHP1
NA	ENSG00000235535	0	NA	NA	NA	NA	TRDN-AS1
NA	ENSG00000235537	0	NA	NA	NA	NA	
NA	ENSG00000235538	0	NA	NA	NA	NA	
NA	ENSG00000235539	0	NA	NA	NA	NA	MTND1P33
NA	ENSG00000235544	0	NA	NA	NA	NA	RPS11P1
NA	ENSG00000235545	4.78435503	-0.00064566	0.35953997	0.99411103	0.99823681	
NA	ENSG00000235546	0	NA	NA	NA	NA	
NA	ENSG00000235547	0	NA	NA	NA	NA	NDUFB11P1
NA	ENSG00000235548	0	NA	NA	NA	NA	HEBP2P1
NA	ENSG00000235549	0	NA	NA	NA	NA	EIF1P2
NA	ENSG00000235550	0	NA	NA	NA	NA	ANKRD26P2
NA	ENSG00000235552	5.61620519	0.23471354	0.45561339	0.11035579	0.2677814	RPL6P27
NA	ENSG00000235554	1.25667083	-0.0391352	0.38244113	0.54291356	NA	SRSF6P2
NA	ENSG00000235555	0	NA	NA	NA	NA	SUMO1P4
NA	ENSG00000235558	0	NA	NA	NA	NA	GUSBP17
NA	ENSG00000235559	0	NA	NA	NA	NA	NOP56P1
107984875	ENSG00000235560	47.0189777	0.11457818	0.26662738	0.55893994	0.7635226	
NA	ENSG00000235563	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000235564	0	NA	NA	NA	NA	
150372	ENSG00000235568	1.76414376	-0.02956088	0.37783543	0.71117875	NA	NFAM1
387055	ENSG00000235570	0	NA	NA	NA	NA	LINC00533
NA	ENSG00000235571	0	NA	NA	NA	NA	SNX18P14
NA	ENSG00000235572	0	NA	NA	NA	NA	
NA	ENSG00000235573	0	NA	NA	NA	NA	
NA	ENSG00000235574	0	NA	NA	NA	NA	
NA	ENSG00000235575	0	NA	NA	NA	NA	
NA	ENSG00000235576	0	NA	NA	NA	NA	LINC01871
NA	ENSG00000235578	0	NA	NA	NA	NA	
NA	ENSG00000235579	0	NA	NA	NA	NA	RPL38P5
NA	ENSG00000235581	0	NA	NA	NA	NA	
NA	ENSG00000235582	0	NA	NA	NA	NA	
NA	ENSG00000235583	0	NA	NA	NA	NA	
NA	ENSG00000235584	0	NA	NA	NA	NA	
NA	ENSG00000235586	1.1700737	-0.00252492	0.3803772	0.96500374	NA	

NA	ENSG00000235587	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAPDHP65
149775	ENSG00000235590	31.4451454	-0.18483006	0.31729009	0.3607029	0.59064153	GNAS-AS1
NA	ENSG00000235592	0	NA	NA	NA	NA	
100873977	ENSG00000235593	0	NA	NA	NA	NA	RBMS3-AS1
NA	ENSG00000235594	0	NA	NA	NA	NA	
NA	ENSG00000235595	0	NA	NA	NA	NA	GAPDHP23
NA	ENSG00000235597	248.380884	0.20011353	0.14306325	0.13107535	0.30355257	LINC01102
NA	ENSG00000235598	0	NA	NA	NA	NA	RRM2P4
101928040	ENSG00000235601	0	NA	NA	NA	NA	BARX1-DT
642559	ENSG00000235602	4.1375584	0.02630432	0.36620151	0.82312546	0.919424	POU5F1P3
NA	ENSG00000235605	2.07679637	-0.10265655	0.39702251	0.20218661	NA	
NA	ENSG00000235606	0	NA	NA	NA	NA	AK4P6
54729	ENSG00000235608	0	NA	NA	NA	NA	NKX1-1
NA	ENSG00000235609	0	NA	NA	NA	NA	
NA	ENSG00000235610	0	NA	NA	NA	NA	
NA	ENSG00000235612	0	NA	NA	NA	NA	
NA	ENSG00000235613	1.21532937	0.01686478	0.37996117	0.79232305	NA	NSRP1P1
NA	ENSG00000235615	0	NA	NA	NA	NA	
NA	ENSG00000235616	0	NA	NA	NA	NA	ST13P2
NA	ENSG00000235617	0	NA	NA	NA	NA	
100421577	ENSG00000235618	9.44780208	0.07435904	0.35085595	0.63976282	0.81937218	FAM21EP
NA	ENSG00000235619	0	NA	NA	NA	NA	RPL36AP33
NA	ENSG00000235620	0	NA	NA	NA	NA	
284749	ENSG00000235621	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC00494
NA	ENSG00000235623	0	NA	NA	NA	NA	OR7E110P
NA	ENSG00000235625	0	NA	NA	NA	NA	
NA	ENSG00000235626	0	NA	NA	NA	NA	KRT18P66
NA	ENSG00000235627	0.44795842	-0.02501848	0.38558245	0.5807882	NA	SNRFPF4
NA	ENSG00000235628	0	NA	NA	NA	NA	TNR-IT1
NA	ENSG00000235629	0	NA	NA	NA	NA	
378925	ENSG00000235631	0	NA	NA	NA	NA	RNF148
NA	ENSG00000235635	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000235636	16.9633691	-0.25662963	0.39375509	0.20481662	0.41169887	NUS1P1
NA	ENSG00000235637	0	NA	NA	NA	NA	
NA	ENSG00000235638	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MTND6P14
NA	ENSG00000235639	0	NA	NA	NA	NA	
NA	ENSG00000235640	0	NA	NA	NA	NA	ELOAP1
NA	ENSG00000235641	0.86880555	0.01919989	0.38302548	0.78717443	NA	LINC00484

	NA	ENSG00000235642	0	NA	NA	NA	NA	PTP4A1P5
101929181		ENSG00000235643	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01647
	NA	ENSG00000235644	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL10P5
	NA	ENSG00000235645	0	NA	NA	NA	NA	LINC02651
	NA	ENSG00000235646	0	NA	NA	NA	NA	MTND1P2
	NA	ENSG00000235647	0	NA	NA	NA	NA	MTFR2P2
	NA	ENSG00000235649	0	NA	NA	NA	NA	MXRA5Y
	NA	ENSG00000235651	7.7408086	-0.08812184	0.36302222	0.5460355	0.75333225	G3BP1P1
	NA	ENSG00000235652	70.8891252	0.28202622	0.24767981	0.15082027	0.33448181	FBXO30-DT
	NA	ENSG00000235653	0	NA	NA	NA	NA	
	NA	ENSG00000235655	1178.1529	0.17682063	0.10563056	0.08134986	0.21408425	H3P6
	NA	ENSG00000235656	0	NA	NA	NA	NA	RPL36P18
	NA	ENSG00000235659	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000235660	6.81309383	0.20621584	0.45694354	0.02751594	0.09368737	LINC00345
100507261		ENSG00000235661	0	NA	NA	NA	NA	MIR670HG
	NA	ENSG00000235663	1.00415192	0.04322574	0.38779947	0.2717111	NA	SAPCD1-AS1
339788		ENSG00000235665	0	NA	NA	NA	NA	LINC00298
	NA	ENSG00000235669	0.18922458	0.01954053	0.38488496	0.78225479	NA	CHN2-AS1
	NA	ENSG00000235670	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL21P40
	NA	ENSG00000235672	0.79002736	-0.03650164	0.38389044	0.50850798	NA	
	NA	ENSG00000235673	0	NA	NA	NA	NA	
	NA	ENSG00000235674	2.036568	0.03925032	0.38350549	0.50300955	NA	LDHAP2
	NA	ENSG00000235677	10.9058952	0.1620815	0.37197653	0.35150429	0.58163846	NPM1P26
	NA	ENSG00000235678	0	NA	NA	NA	NA	OR5AN2P
	NA	ENSG00000235679	0	NA	NA	NA	NA	
	NA	ENSG00000235681	0.81639431	-0.03769849	0.38401834	0.4948288	NA	
	NA	ENSG00000235683	0	NA	NA	NA	NA	
	NA	ENSG00000235685	0	NA	NA	NA	NA	
	NA	ENSG00000235686	0	NA	NA	NA	NA	PPIAP20
	NA	ENSG00000235687	0	NA	NA	NA	NA	LINC00993
	NA	ENSG00000235688	3.63650243	0.21185939	0.45815051	0.05539883	0.16108826	SNTG2-AS1
	NA	ENSG00000235689	0	NA	NA	NA	NA	
	NA	ENSG00000235690	0	NA	NA	NA	NA	CUBNP3
	NA	ENSG00000235695	0	NA	NA	NA	NA	HIGD2AP2
	NA	ENSG00000235698	0	NA	NA	NA	NA	PA2G4P2
100133053		ENSG00000235699	0	NA	NA	NA	NA	CXorf51B
360155		ENSG00000235700	1.07569288	-0.07166113	0.39297402	0.16884262	NA	CYCSP52
	NA	ENSG00000235701	0.81542884	-0.01004674	0.3809054	0.85909771	NA	PCBP2P1

NA	ENSG00000235703	55.1668448	0.11474497	0.29833687	0.55656613	0.76208295	LINC00894
729815	ENSG00000235705	0	NA	NA	NA	NA	
400242	ENSG00000235706	139.687534	0.38401869	0.22100498	0.03848291	0.12200399	DICER1-AS1
NA	ENSG00000235707	0	NA	NA	NA	NA	
149373	ENSG00000235710	0	NA	NA	NA	NA	TRIM67-AS1
390616	ENSG00000235711	0.32382918	0.00194308	0.38337459	0.96247945	NA	ANKRD34C
NA	ENSG00000235713	0	NA	NA	NA	NA	
NA	ENSG00000235716	0	NA	NA	NA	NA	KRT18P46
NA	ENSG00000235717	0	NA	NA	NA	NA	DPP10-AS2
83552	ENSG00000235718	1.31702676	0.05186319	0.38459478	0.42893964	NA	MFRP
NA	ENSG00000235720	0	NA	NA	NA	NA	GABPAP
NA	ENSG00000235721	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000235724	1.03659264	0.04844985	0.38620524	0.35659937	NA	
NA	ENSG00000235725	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000235726	0	NA	NA	NA	NA	
NA	ENSG00000235728	0	NA	NA	NA	NA	
NA	ENSG00000235729	0	NA	NA	NA	NA	
NA	ENSG00000235730	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR2AF1P
NA	ENSG00000235731	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02250
NA	ENSG00000235734	0	NA	NA	NA	NA	HMGNI1P36
NA	ENSG00000235735	0	NA	NA	NA	NA	RPL7AP72
NA	ENSG00000235736	0	NA	NA	NA	NA	
NA	ENSG00000235737	0	NA	NA	NA	NA	TRIM60P19
NA	ENSG00000235738	0	NA	NA	NA	NA	
NA	ENSG00000235740	0	NA	NA	NA	NA	PHACTR2-AS1
NA	ENSG00000235741	0	NA	NA	NA	NA	LINC02784
NA	ENSG00000235742	0	NA	NA	NA	NA	
NA	ENSG00000235743	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000235746	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CTBP2P2
NA	ENSG00000235748	1.95573115	0.10545842	0.39810504	0.1893179	NA	SEPTIN14P12
NA	ENSG00000235749	0.173124	-0.01911262	0.38486262	0.84537521	NA	
9674	ENSG00000235750	112.590485	0.44394868	0.21900167	0.01694342	0.06377749	KIAA0040
NA	ENSG00000235756	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000235759	0	NA	NA	NA	NA	ARHGAP42P3
644093	ENSG00000235760	7.05346024	0.11964444	0.37941809	0.38823913	0.6172996	MSH2-OT1
NA	ENSG00000235761	0	NA	NA	NA	NA	MTCO3P46
NA	ENSG00000235763	0	NA	NA	NA	NA	SNRPGP5
NA	ENSG00000235768	0	NA	NA	NA	NA	BRD7P5

646324	ENSG00000235770	1.36590371	0.04725804	0.38314502	0.45293516	NA	LINC00607
NA	ENSG00000235772	0	NA	NA	NA	NA	
NA	ENSG00000235774	0	NA	NA	NA	NA	
NA	ENSG00000235775	0	NA	NA	NA	NA	
NA	ENSG00000235776	0.173733	0.01914545	0.38484597	0.78225479	NA	
100873933	ENSG00000235777	0.66943461	0.03059546	0.38616409	0.42784935	NA	DPYD-AS2
NA	ENSG00000235778	0	NA	NA	NA	NA	
NA	ENSG00000235779	0.51400187	-0.01021091	0.38328066	0.8182209	NA	
NA	ENSG00000235781	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02569
NA	ENSG00000235782	0	NA	NA	NA	NA	
NA	ENSG00000235784	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HNRNPA1P29
NA	ENSG00000235785	0	NA	NA	NA	NA	
NA	ENSG00000235786	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ZNRF3-IT1
NA	ENSG00000235787	0	NA	NA	NA	NA	RPL35AP8
NA	ENSG00000235790	0.88758677	0.01396742	0.38098342	0.80439898	NA	PEF1-AS1
NA	ENSG00000235794	0	NA	NA	NA	NA	MTND3P21
NA	ENSG00000235795	3.34087203	-0.03781737	0.3744333	0.69334456	0.85183585	
NA	ENSG00000235797	0	NA	NA	NA	NA	
NA	ENSG00000235802	0.49581158	-0.02950787	0.38590274	0.52553756	NA	HCFC1-AS1
NA	ENSG00000235803	0	NA	NA	NA	NA	MTCO2P23
NA	ENSG00000235804	0	NA	NA	NA	NA	
NA	ENSG00000235805	0	NA	NA	NA	NA	SOCS5P3
NA	ENSG00000235806	4.13177355	-0.00985463	0.36382297	0.93234824	0.97193091	
NA	ENSG00000235808	0.55409406	0.03299792	0.38624506	0.4505932	NA	MYL6P2
NA	ENSG00000235810	0	NA	NA	NA	NA	
NA	ENSG00000235811	0	NA	NA	NA	NA	
145241	ENSG00000235812	0.6896631	0.02703628	0.38369942	0.57269394	NA	ADAM21P1
NA	ENSG00000235813	0	NA	NA	NA	NA	
NA	ENSG00000235815	0	NA	NA	NA	NA	
NA	ENSG00000235816	0	NA	NA	NA	NA	PRELID1P3
NA	ENSG00000235817	0	NA	NA	NA	NA	
NA	ENSG00000235818	0	NA	NA	NA	NA	VN1R17P
NA	ENSG00000235819	0	NA	NA	NA	NA	
NA	ENSG00000235820	0	NA	NA	NA	NA	
NA	ENSG00000235821	0	NA	NA	NA	NA	IFITM4P
90271	ENSG00000235823	915.859607	-0.63885303	0.09285449	1.63E-12	3.65E-11	OLMALINC
100507605	ENSG00000235824	0	NA	NA	NA	NA	LINC00837
NA	ENSG00000235827	0	NA	NA	NA	NA	TUBB8P9

NA	ENSG00000235828	0	NA	NA	NA	NA	RPL36AP26
NA	ENSG00000235829	0	NA	NA	NA	NA	TBCAP2
101927440	ENSG00000235830	0	NA	NA	NA	NA	SRGAP3-AS4
100507582	ENSG00000235831	0.53666613	-0.00051391	0.38248169	0.92804096	NA	BHLHE40-AS1
NA	ENSG00000235832	0	NA	NA	NA	NA	CNN2P3
NA	ENSG00000235833	0.87831924	0.0459353	0.38525243	0.39460997	NA	
101928389	ENSG00000235834	0.31821793	0.00116815	0.38336688	0.96588514	NA	
NA	ENSG00000235836	0	NA	NA	NA	NA	KIF3AP1
NA	ENSG00000235837	0.31812271	0.00106805	0.38336616	0.96684347	NA	
NA	ENSG00000235838	0	NA	NA	NA	NA	HSP90AB7P
NA	ENSG00000235840	0	NA	NA	NA	NA	
NA	ENSG00000235843	0	NA	NA	NA	NA	
NA	ENSG00000235845	0	NA	NA	NA	NA	
NA	ENSG00000235847	0.51424337	0.01265494	0.38290376	0.7576761	NA	LDHAP7
NA	ENSG00000235848	1.40479627	0.02643909	0.38129676	0.66863261	NA	RMDN2-AS1
100874102	ENSG00000235849	0	NA	NA	NA	NA	HS6ST2-AS1
NA	ENSG00000235852	109.523671	-0.19435258	0.21808111	0.28134317	0.50619829	
NA	ENSG00000235855	1.60710494	0.11606096	0.40820138	0.04935889	NA	OR7E145P
NA	ENSG00000235857	0	NA	NA	NA	NA	CTBP2P1
NA	ENSG00000235858	0	NA	NA	NA	NA	
NA	ENSG00000235859	58.471091	0.15681104	0.25079037	0.41833365	0.6444567	
NA	ENSG00000235861	0	NA	NA	NA	NA	
NA	ENSG00000235862	1.2424541	0.0581341	0.38778836	0.27573414	NA	
8705	ENSG00000235863	14.9317458	-0.10611037	0.33668141	0.55317141	0.75940498	B3GALT4
NA	ENSG00000235864	0	NA	NA	NA	NA	HSPA8P6
57000	ENSG00000235865	14.8600529	0.25613969	0.39973193	0.20183902	0.4072911	GSN-AS1
NA	ENSG00000235868	0	NA	NA	NA	NA	GAPDHP31
NA	ENSG00000235869	0	NA	NA	NA	NA	
NA	ENSG00000235871	0	NA	NA	NA	NA	
NA	ENSG00000235872	3.02529392	-0.00456842	0.37869542	0.94359222	0.97701605	
100874238	ENSG00000235875	17.0352607	-0.12656628	0.33372646	0.49649951	0.714811	ARHGEF7-AS2
NA	ENSG00000235876	0	NA	NA	NA	NA	FEM1AP4
NA	ENSG00000235879	0	NA	NA	NA	NA	FAR1P1
NA	ENSG00000235880	0	NA	NA	NA	NA	
NA	ENSG00000235881	0	NA	NA	NA	NA	
NA	ENSG00000235884	0	NA	NA	NA	NA	LINC00941
101927661	ENSG00000235885	28.629331	0.38625296	0.44333001	0.09808843	0.24568546	LINC01828
NA	ENSG00000235886	0	NA	NA	NA	NA	

NA	ENSG00000235887	0	NA	NA	NA	NA	LINC02799
NA	ENSG00000235888	1.03212984	-0.02250063	0.38180886	0.61943543	NA	
NA	ENSG00000235890	199.703938	-0.07632901	0.23732492	0.6825005	0.8450858	TSPEAR-AS1
NA	ENSG00000235892	0	NA	NA	NA	NA	PKMP2
NA	ENSG00000235893	0	NA	NA	NA	NA	
NA	ENSG00000235895	0	NA	NA	NA	NA	
100874214	ENSG00000235897	8.05748295	1.31676416	1.7123401	0.00842747	0.03605781	TM4SF19-AS1
101927171	ENSG00000235899	0	NA	NA	NA	NA	LINC01564
NA	ENSG00000235901	0	NA	NA	NA	NA	
NA	ENSG00000235902	0.51436124	0.01539355	0.38311934	0.736926	NA	
100509894	ENSG00000235903	32.0572129	0.69004741	0.44961326	0.01721085	0.06459766	CPB2-AS1
NA	ENSG00000235904	50.0756557	-0.50678314	0.32816734	0.03296547	0.10807232	RBMS3-AS3
NA	ENSG00000235907	0.55524214	0.01232093	0.38328494	0.7437204	NA	
NA	ENSG00000235908	1.52361759	-0.02981331	0.37893417	0.68978198	NA	RHOA-IT1
104326055	ENSG00000235910	1.60438984	-0.03143782	0.38132154	0.6305994	NA	APOA1-AS
NA	ENSG00000235911	0	NA	NA	NA	NA	
NA	ENSG00000235912	0	NA	NA	NA	NA	
100379174	ENSG00000235914	0	NA	NA	NA	NA	MACROD2-AS1
NA	ENSG00000235916	0	NA	NA	NA	NA	MRPS18CP7
NA	ENSG00000235917	0	NA	NA	NA	NA	MTCO2P11
645676	ENSG00000235919	35.3759935	0.07082771	0.29883825	0.71313361	0.86187687	ASH1L-AS1
NA	ENSG00000235920	0.53038534	0.03940461	0.38680979	0.41702417	NA	THRAP3P3
NA	ENSG00000235922	0	NA	NA	NA	NA	
NA	ENSG00000235924	0	NA	NA	NA	NA	ZNRF2P3
NA	ENSG00000235926	0	NA	NA	NA	NA	RPS29P15
374987	ENSG00000235927	3.38315667	0.09168373	0.38834554	0.33693797	0.56718559	NEXN-AS1
NA	ENSG00000235929	0	NA	NA	NA	NA	TPT1P14
NA	ENSG00000235930	0	NA	NA	NA	NA	HSPE1P12
283025	ENSG00000235931	0	NA	NA	NA	NA	LINC01553
NA	ENSG00000235932	0	NA	NA	NA	NA	
NA	ENSG00000235933	0	NA	NA	NA	NA	LINC01779
NA	ENSG00000235934	0	NA	NA	NA	NA	
NA	ENSG00000235937	0	NA	NA	NA	NA	RPL21P30
NA	ENSG00000235939	0	NA	NA	NA	NA	
NA	ENSG00000235940	0	NA	NA	NA	NA	MTND1P21
448835	ENSG00000235942	0	NA	NA	NA	NA	LCE6A
NA	ENSG00000235943	0	NA	NA	NA	NA	TMEM212-IT1
NA	ENSG00000235944	237.184984	0.25269203	0.15546915	0.07503029	0.20148903	ZNF815P

NA	ENSG00000235945	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000235946	53.0315847	0.30669065	0.29062762	0.14817562	0.33038933	H2BW3P
100126791	ENSG00000235947	0.66512812	0.00193864	0.38130629	0.96898031	NA	EGOT
NA	ENSG00000235951	0	NA	NA	NA	NA	
284900	ENSG00000235954	547.300545	0.27082659	0.14025779	0.03759053	0.11981944	TTC28-AS1
NA	ENSG00000235955	2.53617687	-0.03775909	0.37818592	0.64619481	NA	CICP20
NA	ENSG00000235957	0	NA	NA	NA	NA	COX7CP1
100134015	ENSG00000235958	1.01114635	-0.0233268	0.38128881	0.69514434	NA	UBOX5-AS1
84968	ENSG00000235961	32.7153194	-1.43907272	0.47350557	0.00015554	0.00113161	PNMA6A
NA	ENSG00000235962	0	NA	NA	NA	NA	RPL7AP53
NA	ENSG00000235963	0	NA	NA	NA	NA	MCCD1P1
NA	ENSG00000235964	0	NA	NA	NA	NA	FXVD6P2
NA	ENSG00000235965	0	NA	NA	NA	NA	
NA	ENSG00000235967	0.14931947	-0.01844332	0.38480212	0.84537521	NA	COX5BP3
NA	ENSG00000235968	0	NA	NA	NA	NA	FBXL12P1
NA	ENSG00000235969	0	NA	NA	NA	NA	CHEK2P4
NA	ENSG00000235972	0	NA	NA	NA	NA	
NA	ENSG00000235974	0	NA	NA	NA	NA	VN2R19P
NA	ENSG00000235975	0	NA	NA	NA	NA	TPM2P1
NA	ENSG00000235976	0	NA	NA	NA	NA	H2BP8
NA	ENSG00000235978	1.01671071	0.02795204	0.38284072	0.59409643	NA	
NA	ENSG00000235979	0.84931517	-0.04862516	0.38602531	0.40262615	NA	
NA	ENSG00000235981	0	NA	NA	NA	NA	
100873969	ENSG00000235984	0	NA	NA	NA	NA	GPC5-AS1
NA	ENSG00000235988	0	NA	NA	NA	NA	
150291	ENSG00000235989	1.27652951	-0.01557112	0.37848939	0.82682673	NA	MORC2-AS1
NA	ENSG00000235990	8.93536483	-0.03241167	0.35189565	0.82137238	0.91847813	RPL23AP20
NA	ENSG00000235991	0	NA	NA	NA	NA	
NA	ENSG00000235992	0	NA	NA	NA	NA	GRAMD4P2
NA	ENSG00000235993	0	NA	NA	NA	NA	
NA	ENSG00000235994	3.28276604	0.0653414	0.37690442	0.53709981	0.74759591	
NA	ENSG00000235995	0	NA	NA	NA	NA	UBE2V1P6
NA	ENSG00000235996	0	NA	NA	NA	NA	
NA	ENSG00000235997	0.56767373	0.02627943	0.38574813	0.49686938	NA	LINC01936
NA	ENSG00000235998	0	NA	NA	NA	NA	TAAR7P
NA	ENSG00000236003	0.36259403	0.00113845	0.38336592	0.9650582	NA	
NA	ENSG00000236004	0	NA	NA	NA	NA	
NA	ENSG00000236005	0	NA	NA	NA	NA	

NA	ENSG00000236007	0	NA	NA	NA	NA	MTCO1P46
101929567	ENSG00000236008	1.61150017	-0.11043928	0.40344773	0.11106428	NA	LINC01814
NA	ENSG00000236009	0	NA	NA	NA	NA	
NA	ENSG00000236012	0	NA	NA	NA	NA	HIGD1AP12
100507477	ENSG00000236013	0	NA	NA	NA	NA	
NA	ENSG00000236015	26.3233679	-0.2604636	0.35035412	0.21996657	0.43209275	
NA	ENSG00000236017	53.3219635	0.55458891	0.31274236	0.01883589	0.06937959	ASMTL-AS1
NA	ENSG00000236018	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000236021	7.00942352	0.12579434	0.39384229	0.27349813	0.49702826	
NA	ENSG00000236024	0	NA	NA	NA	NA	PRRX2-AS1
NA	ENSG00000236025	0	NA	NA	NA	NA	
NA	ENSG00000236026	0	NA	NA	NA	NA	
100169851	ENSG00000236027	0	NA	NA	NA	NA	PATE3
NA	ENSG00000236028	0	NA	NA	NA	NA	
NA	ENSG00000236031	0.68952232	-0.01969992	0.38288974	0.6607111	NA	
403273	ENSG00000236032	0	NA	NA	NA	NA	OR5H14
NA	ENSG00000236035	0	NA	NA	NA	NA	NSA2P1
100507114	ENSG00000236036	0	NA	NA	NA	NA	LINC00445
101927630	ENSG00000236039	0	NA	NA	NA	NA	LINC02889
NA	ENSG00000236040	0	NA	NA	NA	NA	CHIAP1
NA	ENSG00000236041	0	NA	NA	NA	NA	COX6CP18
NA	ENSG00000236042	0	NA	NA	NA	NA	
NA	ENSG00000236044	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FABP5P2
NA	ENSG00000236045	1.11656446	-0.06151306	0.39087412	0.19495052	NA	
NA	ENSG00000236046	0	NA	NA	NA	NA	
NA	ENSG00000236047	1.51936662	-0.0017229	0.37729634	0.98063864	NA	RPL13AP12
NA	ENSG00000236048	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SSBL5P
101929260	ENSG00000236049	0	NA	NA	NA	NA	LINC01920
100874212	ENSG00000236051	6.38622553	0.09165521	0.37806735	0.44453284	0.66940936	MYCBP2-AS1
105373010	ENSG00000236052	0	NA	NA	NA	NA	LINC01643
NA	ENSG00000236053	0	NA	NA	NA	NA	LINC01067
NA	ENSG00000236054	0	NA	NA	NA	NA	SYN3-AS1
NA	ENSG00000236056	0.930874	0.05167899	0.38897079	0.24536113	NA	GAPDHP14
NA	ENSG00000236058	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL17P36
NA	ENSG00000236060	0.173733	0.01914545	0.38484597	0.78225479	NA	HSPB1P1
NA	ENSG00000236062	0.34047749	-0.00022416	0.38336235	0.96737738	NA	GSTM5P1
101928335	ENSG00000236064	0	NA	NA	NA	NA	
NA	ENSG00000236065	2.9505727	-0.06355244	0.37687174	0.54053424	0.74921051	

NA	ENSG00000236068	0	NA	NA	NA	NA	NT5ELP
NA	ENSG00000236069	0	NA	NA	NA	NA	
NA	ENSG00000236072	0	NA	NA	NA	NA	SRSF2P1
NA	ENSG00000236073	0	NA	NA	NA	NA	
NA	ENSG00000236075	0	NA	NA	NA	NA	
104355137	ENSG00000236076	0	NA	NA	NA	NA	LINC01072
NA	ENSG00000236077	0	NA	NA	NA	NA	SLC6A14P1
101929086	ENSG00000236078	0.72732939	0.03152924	0.38453568	0.56920444	NA	LINC01447
NA	ENSG00000236079	0	NA	NA	NA	NA	
NA	ENSG00000236080	0	NA	NA	NA	NA	YAP1P2
101927125	ENSG00000236081	1.16856149	-0.06275576	0.39117129	0.18451425	NA	ELFN1-AS1
NA	ENSG00000236083	0	NA	NA	NA	NA	OR13E1P
NA	ENSG00000236085	0.89399399	0.03882106	0.38488671	0.43813023	NA	ACTG1P4
NA	ENSG00000236086	0.173733	0.01914545	0.38484597	0.78225479	NA	HMG2P28
100874058	ENSG00000236088	866.434876	-0.04744318	0.10244848	0.63002618	0.81288414	COX10-AS1
NA	ENSG00000236090	0.65757947	0.00120754	0.38190317	0.97830461	NA	LDHAP3
340581	ENSG00000236091	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02243
440132	ENSG00000236094	0	NA	NA	NA	NA	LINC00545
NA	ENSG00000236095	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000236097	0	NA	NA	NA	NA	BNIP3P2
NA	ENSG00000236098	0	NA	NA	NA	NA	
NA	ENSG00000236099	0	NA	NA	NA	NA	
NA	ENSG00000236101	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RAC1P7
NA	ENSG00000236102	0	NA	NA	NA	NA	
9278	ENSG00000236104	479.055664	0.18203965	0.11616277	0.09966992	0.24867343	ZBTB22
NA	ENSG00000236105	0	NA	NA	NA	NA	PRELID3BP10
112268411	ENSG00000236106	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
101929680	ENSG00000236107	6.11432246	0.08379557	0.36517592	0.55384886	0.75991434	SCN1A-AS1
102724058	ENSG00000236107	6.11432246	0.08379557	0.36517592	0.55384886	0.75991434	SCN1A-AS1
NA	ENSG00000236108	0	NA	NA	NA	NA	
105373525	ENSG00000236109	0.69493202	0.03154416	0.38626309	0.41391645	NA	
NA	ENSG00000236110	0	NA	NA	NA	NA	OR2AM1P
NA	ENSG00000236111	0	NA	NA	NA	NA	
NA	ENSG00000236114	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000236115	0	NA	NA	NA	NA	
NA	ENSG00000236116	0	NA	NA	NA	NA	
105373054	ENSG00000236117	0	NA	NA	NA	NA	LINC01639
NA	ENSG00000236118	0	NA	NA	NA	NA	

NA	ENSG00000236119	0	NA	NA	NA	NA	
NA	ENSG00000236120	0	NA	NA	NA	NA	
NA	ENSG00000236121	0	NA	NA	NA	NA	HAUS6P2
NA	ENSG00000236123	0	NA	NA	NA	NA	CEACAMP11
NA	ENSG00000236124	0	NA	NA	NA	NA	HMG22P23
392188	ENSG00000236125	0	NA	NA	NA	NA	USP17L4
645402	ENSG00000236125	0	NA	NA	NA	NA	USP17L4
NA	ENSG00000236129	0	NA	NA	NA	NA	
101928337	ENSG00000236130	0.173733	0.01914545	0.38484597	0.78225479	NA	PTCSC2
NA	ENSG00000236131	0	NA	NA	NA	NA	MED13P1
NA	ENSG00000236132	0.67421842	-0.03842345	0.38688781	0.39805044	NA	
NA	ENSG00000236133	0	NA	NA	NA	NA	LINC01069
NA	ENSG00000236136	0	NA	NA	NA	NA	ADORA2BP1
101929099	ENSG00000236137	8.08553196	0.38463061	0.59725108	0.05041653	0.14987473	
NA	ENSG00000236138	23.2565881	-0.16060828	0.33026631	0.41049395	0.63818422	DUX4L26
NA	ENSG00000236140	3.66076592	0.07026532	0.37532336	0.53562395	0.74647226	
NA	ENSG00000236141	0	NA	NA	NA	NA	
100506469	ENSG00000236144	379.319344	0.28601782	0.12043563	0.01216187	0.04874577	TMEM147-AS1
NA	ENSG00000236145	0	NA	NA	NA	NA	
NA	ENSG00000236146	0	NA	NA	NA	NA	
NA	ENSG00000236148	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL23AP37
NA	ENSG00000236151	0	NA	NA	NA	NA	
NA	ENSG00000236152	0	NA	NA	NA	NA	MRPS36P1
NA	ENSG00000236153	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000236154	0.85997366	-0.00652767	0.3807016	0.9084938	NA	
101928303	ENSG00000236155	0.77388269	-0.05444754	0.38914294	0.28425701	NA	ZPLD2P
NA	ENSG00000236156	2.61648252	-0.06044819	0.3845778	0.41937912	0.64519864	CHCHD4P3
NA	ENSG00000236158	0	NA	NA	NA	NA	RFC3P1
NA	ENSG00000236159	0	NA	NA	NA	NA	
NA	ENSG00000236160	0	NA	NA	NA	NA	
NA	ENSG00000236162	0	NA	NA	NA	NA	
NA	ENSG00000236164	0	NA	NA	NA	NA	
NA	ENSG00000236165	0.32391856	-0.02327376	0.38532145	0.66855415	NA	PRADC1P1
NA	ENSG00000236166	0	NA	NA	NA	NA	
NA	ENSG00000236167	0	NA	NA	NA	NA	GAPDHP57
NA	ENSG00000236168	0	NA	NA	NA	NA	
NA	ENSG00000236170	0	NA	NA	NA	NA	IGHD1-1
NA	ENSG00000236171	0	NA	NA	NA	NA	RPL12P26

102800315	ENSG00000236172	0	NA	NA	NA	NA	MIR7515HG
NA	ENSG00000236173	1.13077909	-0.03322704	0.38104979	0.61942526	NA	
NA	ENSG00000236175	0	NA	NA	NA	NA	SSU72P6
NA	ENSG00000236176	0	NA	NA	NA	NA	LINC00353
NA	ENSG00000236179	0	NA	NA	NA	NA	PRAMEF35P
NA	ENSG00000236180	0.50364861	0.01237182	0.38343376	0.76761002	NA	
NA	ENSG00000236182	0	NA	NA	NA	NA	
NA	ENSG00000236184	6.19172639	-0.15119137	0.40098985	0.24477214	0.46347387	TCEA1P4
NA	ENSG00000236185	0	NA	NA	NA	NA	HNRNPDLP3
NA	ENSG00000236187	0	NA	NA	NA	NA	GJA6P
100873944	ENSG00000236188	0	NA	NA	NA	NA	PRKX-AS1
NA	ENSG00000236189	0	NA	NA	NA	NA	RPL18AP15
NA	ENSG00000236190	0	NA	NA	NA	NA	
NA	ENSG00000236191	0	NA	NA	NA	NA	RPS15AP25
NA	ENSG00000236193	0	NA	NA	NA	NA	LINC01953
NA	ENSG00000236194	1.75858693	0.05619323	0.38412522	0.43658257	NA	
NA	ENSG00000236195	0	NA	NA	NA	NA	RNMTL1P2
NA	ENSG00000236197	0	NA	NA	NA	NA	PPP1R9A-AS1
NA	ENSG00000236199	0	NA	NA	NA	NA	
NA	ENSG00000236200	39.5069893	-0.32348159	0.34662424	0.14361649	0.32301905	KDM4A-AS1
100873937	ENSG00000236202	0	NA	NA	NA	NA	GRM7-AS1
400945	ENSG00000236204	9.33140141	0.22413537	0.4303325	0.1580224	0.34501645	LINC01376
NA	ENSG00000236205	0	NA	NA	NA	NA	
NA	ENSG00000236206	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000236208	5.23270215	0.16208898	0.40384393	0.23612149	0.45297334	C10orf71-AS1
NA	ENSG00000236209	7.08942891	0.23066249	0.44241529	0.14087351	0.31892169	
NA	ENSG00000236211	0	NA	NA	NA	NA	MTCO1P7
NA	ENSG00000236212	0	NA	NA	NA	NA	
NA	ENSG00000236213	0.32326809	0.00157757	0.38337038	0.96597813	NA	
NA	ENSG00000236216	0	NA	NA	NA	NA	PPP1R11P1
NA	ENSG00000236217	0	NA	NA	NA	NA	C1DP2
NA	ENSG00000236226	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000236229	0	NA	NA	NA	NA	VEZF1P1
NA	ENSG00000236230	0	NA	NA	NA	NA	
NA	ENSG00000236231	0	NA	NA	NA	NA	
NA	ENSG00000236232	0.173124	-0.01911262	0.38486262	0.84537521	NA	MTCYBP24
NA	ENSG00000236234	0.34686777	0.00022108	0.38336211	0.96636416	NA	
NA	ENSG00000236235	0	NA	NA	NA	NA	

NA	ENSG00000236238	0	NA	NA	NA	NA	
NA	ENSG00000236240	0	NA	NA	NA	NA	GPC5-IT1
NA	ENSG00000236241	0	NA	NA	NA	NA	
100885782	ENSG00000236242	0	NA	NA	NA	NA	MYO16-AS1
NA	ENSG00000236243	0	NA	NA	NA	NA	RPL6P29
NA	ENSG00000236244	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SLC35F3-AS1
NA	ENSG00000236246	0	NA	NA	NA	NA	
NA	ENSG00000236248	0	NA	NA	NA	NA	
101928381	ENSG00000236252	0	NA	NA	NA	NA	
163742	ENSG00000236253	0	NA	NA	NA	NA	SLC25A3P1
NA	ENSG00000236254	0.34177751	0.00291137	0.38338968	0.95989063	NA	MTND4P14
NA	ENSG00000236255	216.127855	0.22165838	0.15518358	0.11783268	0.28162877	
10824	ENSG00000236256	0	NA	NA	NA	NA	DIAPH2-AS1
NA	ENSG00000236257	0	NA	NA	NA	NA	EI24P2
NA	ENSG00000236258	0	NA	NA	NA	NA	TIMM8BP1
NA	ENSG00000236259	0	NA	NA	NA	NA	PPIAP64
NA	ENSG00000236261	0	NA	NA	NA	NA	
NA	ENSG00000236262	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SHANK2-AS2
NA	ENSG00000236263	0	NA	NA	NA	NA	
NA	ENSG00000236264	0.85387321	0.01131973	0.3815698	0.82708434	NA	RPL26P30
NA	ENSG00000236266	1.09256048	0.04922007	0.38619653	0.33708792	NA	
NA	ENSG00000236267	0	NA	NA	NA	NA	
101927498	ENSG00000236268	0	NA	NA	NA	NA	LINC01361
105373051	ENSG00000236272	0	NA	NA	NA	NA	SCUBE1-AS2
NA	ENSG00000236274	0	NA	NA	NA	NA	
NA	ENSG00000236276	0	NA	NA	NA	NA	NDP-AS1
NA	ENSG00000236277	0	NA	NA	NA	NA	NIPA2P5
NA	ENSG00000236278	0	NA	NA	NA	NA	PEBP1P3
154790	ENSG00000236279	18.6983195	0.1702693	0.35744354	0.36241256	0.59208376	CLEC2L
NA	ENSG00000236281	0	NA	NA	NA	NA	NDUFB9P2
NA	ENSG00000236283	7.43239171	-0.12145623	0.39053147	0.28808823	0.51381431	
NA	ENSG00000236284	0	NA	NA	NA	NA	VN1R31P
NA	ENSG00000236285	0	NA	NA	NA	NA	NPM1P8
58486	ENSG00000236287	1071.13372	-0.30574542	0.08902998	0.00040065	0.0026514	ZBED5
NA	ENSG00000236289	0.16735865	0.01897177	0.38482933	0.78225479	NA	GACAT3
NA	ENSG00000236290	2.11114257	0.08423434	0.38929542	0.30891224	NA	EEF1GP7
NA	ENSG00000236292	0	NA	NA	NA	NA	USH2A-AS1
NA	ENSG00000236295	0.16735865	0.01897177	0.38482933	0.78225479	NA	

441046	ENSG00000236296	28.5111998	-0.21899817	0.39276056	0.23300214	0.44988944	GUSBP5
NA	ENSG00000236297	1.14763392	0.01779607	0.37917552	0.79558371	NA	
NA	ENSG00000236299	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000236300	0	NA	NA	NA	NA	MTND4LP12
283303	ENSG00000236301	0	NA	NA	NA	NA	MRGPRG-AS1
NA	ENSG00000236303	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02646
107984360	ENSG00000236304	2.06399007	-0.0629579	0.38502045	0.40347255	NA	
105375430	ENSG00000236305	0.98518464	0.0257287	0.38227006	0.6407684	NA	SLC12A9-AS1
101929582	ENSG00000236306	0	NA	NA	NA	NA	LINC01241
NA	ENSG00000236307	0.32265491	-0.02325554	0.38531889	0.6695122	NA	EEF1E1P1
NA	ENSG00000236308	6.1482564	-0.10629299	0.38446002	0.37366758	0.60267984	
100038246	ENSG00000236311	1.41637037	0.01873721	0.37986046	0.76983729	NA	TLX1NB
NA	ENSG00000236312	0	NA	NA	NA	NA	RPL34P34
NA	ENSG00000236313	0	NA	NA	NA	NA	VN1R53P
NA	ENSG00000236316	0	NA	NA	NA	NA	OR7E109P
NA	ENSG00000236317	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000236318	0	NA	NA	NA	NA	LINC02888
NA	ENSG00000236319	0	NA	NA	NA	NA	
342618	ENSG00000236320	0	NA	NA	NA	NA	SLFN14
NA	ENSG00000236323	0	NA	NA	NA	NA	BMP6P1
NA	ENSG00000236324	0	NA	NA	NA	NA	SNX9-AS1
NA	ENSG00000236325	0	NA	NA	NA	NA	RPL32P5
NA	ENSG00000236326	0	NA	NA	NA	NA	
NA	ENSG00000236327	0	NA	NA	NA	NA	
NA	ENSG00000236330	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL5P9
NA	ENSG00000236332	0.31778202	0.00193945	0.38337474	0.95926502	NA	
NA	ENSG00000236333	3.70697365	0.31565996	0.60364391	0.00137985	0.00780393	TRHDE-AS1
644591	ENSG00000236334	0	NA	NA	NA	NA	PPIAL4G
NA	ENSG00000236335	0	NA	NA	NA	NA	
NA	ENSG00000236336	0	NA	NA	NA	NA	CDYL-AS1
NA	ENSG00000236337	0.85254182	-0.00968268	0.38157277	0.85173525	NA	FMR1-IT1
NA	ENSG00000236339	0	NA	NA	NA	NA	POM121L13P
101928333	ENSG00000236340	0	NA	NA	NA	NA	GRM8-AS1
NA	ENSG00000236341	0	NA	NA	NA	NA	
NA	ENSG00000236343	0	NA	NA	NA	NA	EI24P4
112935969	ENSG00000236345	1.14953757	0.01851325	0.38017217	0.77196547	NA	SCAT8
NA	ENSG00000236347	0	NA	NA	NA	NA	
NA	ENSG00000236348	0	NA	NA	NA	NA	PSMC1P10

NA	ENSG00000236349	0	NA	NA	NA	NA	SUCLG2P2
NA	ENSG00000236352	0	NA	NA	NA	NA	
NA	ENSG00000236354	0	NA	NA	NA	NA	LINC00437
NA	ENSG00000236355	0	NA	NA	NA	NA	
NA	ENSG00000236356	0	NA	NA	NA	NA	
NA	ENSG00000236357	0	NA	NA	NA	NA	EI24P1
NA	ENSG00000236358	1.76004901	-0.0785762	0.38889413	0.30878222	NA	
NA	ENSG00000236359	0	NA	NA	NA	NA	OR51B8P
NA	ENSG00000236360	0	NA	NA	NA	NA	RRAS2P1
2574	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
2576	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
2578	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
2579	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
26748	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
729408	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
100008586	ENSG00000236362	0	NA	NA	NA	NA	GAGE12F
NA	ENSG00000236364	44.3099344	-0.56296687	0.3657408	0.02628357	0.09050816	
NA	ENSG00000236365	0	NA	NA	NA	NA	EIF3MP1
153910	ENSG00000236366	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
728096	ENSG00000236371	0	NA	NA	NA	NA	CT47A1
NA	ENSG00000236372	0	NA	NA	NA	NA	
101926942	ENSG00000236373	0	NA	NA	NA	NA	LINC02653
NA	ENSG00000236375	0	NA	NA	NA	NA	POU5F1P5
NA	ENSG00000236376	0	NA	NA	NA	NA	
NA	ENSG00000236377	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000236378	0	NA	NA	NA	NA	
NA	ENSG00000236379	0	NA	NA	NA	NA	ZNF736P4Y
NA	ENSG00000236380	0	NA	NA	NA	NA	VENTXP7
NA	ENSG00000236382	0	NA	NA	NA	NA	KRTAP10-13P
100874261	ENSG00000236383	1.17351796	0.069763	0.39012221	0.24577232	NA	CCDC200
150135	ENSG00000236384	0	NA	NA	NA	NA	LINC00479
NA	ENSG00000236385	0	NA	NA	NA	NA	
NA	ENSG00000236386	0	NA	NA	NA	NA	
NA	ENSG00000236387	0	NA	NA	NA	NA	
NA	ENSG00000236388	0	NA	NA	NA	NA	ITCH-AS1
NA	ENSG00000236389	0	NA	NA	NA	NA	
NA	ENSG00000236390	0	NA	NA	NA	NA	
NA	ENSG00000236391	0.173124	-0.01911262	0.38486262	0.84537521	NA	

101927476	ENSG00000236393	0	NA	NA	NA	NA	
NA	ENSG00000236394	0.68098139	-0.00025533	0.38240795	0.99691449	NA	
NA	ENSG00000236395	0	NA	NA	NA	NA	
646000	ENSG00000236396	0	NA	NA	NA	NA	SLC35G4
NA	ENSG00000236397	22.5564441	0.03763642	0.30541593	0.84246656	0.92837906	DDX11L2
259285	ENSG00000236398	0	NA	NA	NA	NA	TAS2R39
NA	ENSG00000236400	0	NA	NA	NA	NA	KRTAP21-4P
NA	ENSG00000236401	0	NA	NA	NA	NA	SLC4A1APP2
NA	ENSG00000236403	0	NA	NA	NA	NA	
401491	ENSG00000236404	16.6658542	0.8787972	0.95469971	0.01588061	0.06038154	VLDLR-AS1
NA	ENSG00000236405	0	NA	NA	NA	NA	UBQLN1P1
NA	ENSG00000236407	0	NA	NA	NA	NA	HMGB1P18
NA	ENSG00000236408	0	NA	NA	NA	NA	
NA	ENSG00000236409	0.39047689	0.01034119	0.38371495	0.86425745	NA	NRADDP
NA	ENSG00000236411	1.61741893	-0.0166913	0.37858654	0.81406213	NA	NDUFAF4P3
NA	ENSG00000236412	0	NA	NA	NA	NA	
NA	ENSG00000236413	0	NA	NA	NA	NA	
NA	ENSG00000236414	0	NA	NA	NA	NA	
NA	ENSG00000236417	0	NA	NA	NA	NA	CTSLP1
NA	ENSG00000236420	0	NA	NA	NA	NA	CHCHD3P1
100133612	ENSG00000236423	8.15443095	-0.07171031	0.36077105	0.60719073	0.79658855	LINC01134
100289087	ENSG00000236424	0	NA	NA	NA	NA	TSPY10
NA	ENSG00000236425	0	NA	NA	NA	NA	
NA	ENSG00000236426	0	NA	NA	NA	NA	
NA	ENSG00000236427	0	NA	NA	NA	NA	
NA	ENSG00000236430	1.66028597	0.04790402	0.38301915	0.49128879	NA	KRT8P29
NA	ENSG00000236431	1.03302181	0.00364623	0.38078943	0.94787889	NA	
NA	ENSG00000236432	27.2182792	-0.11040596	0.30491411	0.56766923	0.76899226	MFF-DT
NA	ENSG00000236433	0	NA	NA	NA	NA	RPL37P21
NA	ENSG00000236434	0	NA	NA	NA	NA	
NA	ENSG00000236435	0	NA	NA	NA	NA	TSPY12P
101928271	ENSG00000236436	0	NA	NA	NA	NA	LINC02850
NA	ENSG00000236437	36.7841333	-1.07236937	0.43695636	0.00121019	0.00697364	LINC02151
NA	ENSG00000236438	65.034873	0.04904135	0.28219078	0.80003715	0.90845064	FAM157A
NA	ENSG00000236439	0.83694727	-0.0104414	0.38019938	0.86366237	NA	
NA	ENSG00000236440	0	NA	NA	NA	NA	COPRSP1
NA	ENSG00000236442	0	NA	NA	NA	NA	ANKRD54P1
171222	ENSG00000236444	0.15069912	-0.01848503	0.38480575	0.84537521	NA	UBE2L5

NA	ENSG00000236445	1.1615761	-0.0576062	0.38855911	0.29840992	NA	LINC00608
643311	ENSG00000236446	0.33822236	0.00202501	0.38337529	0.96912108	NA	CT47B1
NA	ENSG00000236447	0	NA	NA	NA	NA	ATG10-IT1
NA	ENSG00000236449	0.63051347	-0.00517754	0.38203308	0.91507611	NA	
NA	ENSG00000236450	0	NA	NA	NA	NA	
NA	ENSG00000236451	0	NA	NA	NA	NA	
NA	ENSG00000236452	0	NA	NA	NA	NA	
NA	ENSG00000236453	0	NA	NA	NA	NA	
NA	ENSG00000236456	1.37897988	0.08621612	0.39453745	0.17683099	NA	
NA	ENSG00000236457	0	NA	NA	NA	NA	
NA	ENSG00000236459	0.31815592	0.00110397	0.38336641	0.96649962	NA	HNRNPA1P22
NA	ENSG00000236460	0	NA	NA	NA	NA	SNX2P2
101928748	ENSG00000236461	0	NA	NA	NA	NA	
NA	ENSG00000236463	0	NA	NA	NA	NA	LINC00427
NA	ENSG00000236464	0	NA	NA	NA	NA	LINC02559
NA	ENSG00000236466	0	NA	NA	NA	NA	
101929328	ENSG00000236467	14.0074327	-3.99455811	0.90115673	6.47E-07	7.57E-06	KCNMA1-AS1
NA	ENSG00000236468	0	NA	NA	NA	NA	
NA	ENSG00000236469	0	NA	NA	NA	NA	
NA	ENSG00000236471	0	NA	NA	NA	NA	
NA	ENSG00000236472	0	NA	NA	NA	NA	
NA	ENSG00000236473	0	NA	NA	NA	NA	KRT43P
NA	ENSG00000236474	4.89286256	0.06521683	0.36849261	0.60572148	0.79555768	GCNT1P1
NA	ENSG00000236475	0.62304535	-0.04508052	0.3875696	0.37399372	NA	TRIM26BP
NA	ENSG00000236476	0	NA	NA	NA	NA	
NA	ENSG00000236477	0	NA	NA	NA	NA	RPS24P1
NA	ENSG00000236478	1.28532856	-0.07167099	0.39001874	0.25018961	NA	
NA	ENSG00000236480	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PKMP1
NA	ENSG00000236481	0	NA	NA	NA	NA	LINC02195
NA	ENSG00000236483	2.36062789	0.06813166	0.38332384	0.43772527	NA	MTND2P40
NA	ENSG00000236484	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RRM2P2
NA	ENSG00000236485	0	NA	NA	NA	NA	LINC01945
NA	ENSG00000236487	0	NA	NA	NA	NA	
NA	ENSG00000236489	0	NA	NA	NA	NA	
NA	ENSG00000236491	0	NA	NA	NA	NA	
NA	ENSG00000236493	0.18922458	0.01954053	0.38488496	0.78225479	NA	EIF2S2P3
NA	ENSG00000236494	0.47498102	-0.00863808	0.38281725	0.85462825	NA	
NA	ENSG00000236495	0	NA	NA	NA	NA	

NA	ENSG00000236496	0	NA	NA	NA	NA	GPS2P1
101927683	ENSG00000236497	0	NA	NA	NA	NA	LINC01744
NA	ENSG00000236498	2.07351919	0.08935148	0.39491515	0.191915	NA	
150197	ENSG00000236499	5.43795158	0.09543402	0.38027133	0.41887034	0.64468844	LINC00896
NA	ENSG00000236500	0	NA	NA	NA	NA	CD24P1
NA	ENSG00000236501	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100506108	ENSG00000236502	94.7241359	-0.10677697	0.21046962	0.544529	0.75235966	SIX3-AS1
NA	ENSG00000236503	0	NA	NA	NA	NA	
NA	ENSG00000236504	0	NA	NA	NA	NA	
NA	ENSG00000236505	0	NA	NA	NA	NA	
NA	ENSG00000236507	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000236508	0	NA	NA	NA	NA	ATP13A5-AS1
NA	ENSG00000236509	0	NA	NA	NA	NA	RPL21P133
NA	ENSG00000236510	0	NA	NA	NA	NA	
NA	ENSG00000236511	0	NA	NA	NA	NA	LINC01231
NA	ENSG00000236512	0	NA	NA	NA	NA	
101928201	ENSG00000236513	0	NA	NA	NA	NA	
NA	ENSG00000236514	14.0097855	-0.00358917	0.32512027	0.98172523	0.99389849	
NA	ENSG00000236516	0	NA	NA	NA	NA	KLF2P4
NA	ENSG00000236519	7.57088748	-0.11401038	0.36682939	0.45832092	0.68173128	LINC01424
100873972	ENSG00000236520	0.15069912	-0.01848503	0.38480575	0.84537521	NA	GPC6-AS1
NA	ENSG00000236521	0	NA	NA	NA	NA	NPAP1P4
NA	ENSG00000236523	0	NA	NA	NA	NA	NPM1P40
NA	ENSG00000236525	0	NA	NA	NA	NA	
NA	ENSG00000236526	10.1830716	0.09632149	0.35460809	0.55171482	0.75813977	
NA	ENSG00000236527	1.37707743	-0.01930921	0.37862618	0.78667188	NA	ARF4P2
NA	ENSG00000236528	0.64902765	0.00252842	0.38248679	0.95150468	NA	
NA	ENSG00000236529	36.6319246	0.36484856	0.35460233	0.11236711	0.27144325	
NA	ENSG00000236530	0.34110811	0.02362651	0.38535339	0.62410678	NA	KPNA2P1
NA	ENSG00000236531	0	NA	NA	NA	NA	
101927973	ENSG00000236532	14.5155368	0.17721767	0.38501243	0.29405872	0.52025369	LINC01695
NA	ENSG00000236533	0	NA	NA	NA	NA	RPS12P4
NA	ENSG00000236534	1.37240581	0.01027906	0.37908614	0.87831597	NA	H3P36
NA	ENSG00000236535	0	NA	NA	NA	NA	RC3H1-IT1
NA	ENSG00000236536	5.87608862	0.12102854	0.3784201	0.39609474	0.62549509	
NA	ENSG00000236538	0	NA	NA	NA	NA	ZNF863P
NA	ENSG00000236539	0.64755518	-0.02418326	0.38282881	0.64168373	NA	HNRNPA1P54
NA	ENSG00000236540	6.09682342	-0.01793982	0.35821148	0.88978852	0.95202525	

NA	ENSG00000236541	0	NA	NA	NA	NA	VN2R9P
NA	ENSG00000236542	1.07527906	0.04901689	0.38640953	0.34551368	NA	MED28P7
102723971	ENSG00000236543	0	NA	NA	NA	NA	
NA	ENSG00000236544	0	NA	NA	NA	NA	
NA	ENSG00000236545	0.49614694	-0.02952354	0.38590415	0.52528768	NA	
105378668	ENSG00000236546	0.60054584	-0.03512322	0.3864917	0.44192234	NA	MYCL-AS1
NA	ENSG00000236548	0	NA	NA	NA	NA	RNF217-AS1
NA	ENSG00000236549	0	NA	NA	NA	NA	RPS27AP7
NA	ENSG00000236550	0	NA	NA	NA	NA	
728658	ENSG00000236552	2.58378772	0.12669131	0.40424473	0.17258447	0.36535167	RPL13AP5
NA	ENSG00000236554	2.52742842	0.02934948	0.3750571	0.7478017	NA	ASNSP3
NA	ENSG00000236555	0	NA	NA	NA	NA	
NA	ENSG00000236556	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000236559	0	NA	NA	NA	NA	BCL2L1-AS1
NA	ENSG00000236562	0.53093216	0.01411712	0.3829617	0.73585816	NA	IFITM3P1
NA	ENSG00000236564	0	NA	NA	NA	NA	YWHAQP5
NA	ENSG00000236565	0.33471731	0.02354391	0.38534154	0.62842204	NA	HNRNPA3P5
NA	ENSG00000236567	0.5056021	0.01438473	0.3830653	0.7521643	NA	TCF3P1
NA	ENSG00000236569	0	NA	NA	NA	NA	HNRNPA1P73
NA	ENSG00000236570	3.3745256	0.10039863	0.38454704	0.37993065	0.60887109	RAD23BP1
NA	ENSG00000236571	0	NA	NA	NA	NA	
NA	ENSG00000236572	0	NA	NA	NA	NA	
NA	ENSG00000236574	0	NA	NA	NA	NA	
NA	ENSG00000236576	1.41961579	-0.0194963	0.37956074	0.77140627	NA	
NA	ENSG00000236577	0	NA	NA	NA	NA	SNRPGP14
NA	ENSG00000236580	0	NA	NA	NA	NA	
NA	ENSG00000236581	0	NA	NA	NA	NA	STARD13-AS
NA	ENSG00000236582	0	NA	NA	NA	NA	PRPF38AP2
NA	ENSG00000236583	0	NA	NA	NA	NA	
NA	ENSG00000236590	0	NA	NA	NA	NA	MTATP6P4
NA	ENSG00000236591	0	NA	NA	NA	NA	UST-AS2
NA	ENSG00000236592	0	NA	NA	NA	NA	S100A11P2
NA	ENSG00000236594	0	NA	NA	NA	NA	RPS27AP14
NA	ENSG00000236595	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MED15P5
NA	ENSG00000236596	0	NA	NA	NA	NA	CRLF3P1
NA	ENSG00000236597	0	NA	NA	NA	NA	IGHD7-27
NA	ENSG00000236601	0	NA	NA	NA	NA	
NA	ENSG00000236603	0.70660575	0.00392233	0.38183615	0.93389603	NA	RANP1

NA	ENSG00000236604	0	NA	NA	NA	NA	LYPLA2P3
NA	ENSG00000236605	1.37506926	0.03340134	0.38101558	0.62094128	NA	
NA	ENSG00000236606	0	NA	NA	NA	NA	
NA	ENSG00000236607	0	NA	NA	NA	NA	EEF1DP8
NA	ENSG00000236608	0	NA	NA	NA	NA	EIF4A1P6
54753	ENSG00000236609	1773.24526	0.21146232	0.06927181	0.00189156	0.01019518	ZNF853
NA	ENSG00000236610	0	NA	NA	NA	NA	SOCS5P1
102724679	ENSG00000236611	0.56002111	0.01291858	0.38331719	0.73494227	NA	LINC02556
NA	ENSG00000236612	0	NA	NA	NA	NA	KRTAP19-11P
NA	ENSG00000236615	0	NA	NA	NA	NA	
NA	ENSG00000236616	0	NA	NA	NA	NA	BAK1P2
101928530	ENSG00000236617	2.97849505	0.01811097	0.37027807	0.86235964	0.93898333	
100306951	ENSG00000236618	149.561206	0.06835065	0.1914174	0.68169985	0.84446335	PITPNA-AS1
NA	ENSG00000236620	0	NA	NA	NA	NA	XKRYP3
NA	ENSG00000236626	0	NA	NA	NA	NA	MTND5P17
NA	ENSG00000236627	1.03771797	0.07424282	0.39363572	0.15253254	NA	
NA	ENSG00000236634	0	NA	NA	NA	NA	
105377860	ENSG00000236635	0	NA	NA	NA	NA	LINC02540
NA	ENSG00000236636	0	NA	NA	NA	NA	
3441	ENSG00000236637	0	NA	NA	NA	NA	IFNA4
NA	ENSG00000236638	0	NA	NA	NA	NA	
NA	ENSG00000236641	0.84266712	0.02724262	0.38405744	0.53161382	NA	
NA	ENSG00000236643	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000236646	0	NA	NA	NA	NA	LAMTOR5P1
NA	ENSG00000236647	0	NA	NA	NA	NA	
NA	ENSG00000236648	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02810
104326193	ENSG00000236651	0	NA	NA	NA	NA	DLX2-DT
NA	ENSG00000236653	0	NA	NA	NA	NA	LINC01923
NA	ENSG00000236654	0	NA	NA	NA	NA	
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NA	ENSG00000236656	0	NA	NA	NA	NA	
NA	ENSG00000236658	0	NA	NA	NA	NA	
NA	ENSG00000236662	0.35747915	0.0238228	0.38538196	0.61361431	NA	
106481742	ENSG00000236663	0	NA	NA	NA	NA	FRGCA
106780825	ENSG00000236663	0	NA	NA	NA	NA	FRGCA
NA	ENSG00000236664	0	NA	NA	NA	NA	
NA	ENSG00000236665	0	NA	NA	NA	NA	
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NA	ENSG00000236667	0	NA	NA	NA	NA	RPL27AP3
100505588	ENSG00000236668	0	NA	NA	NA	NA	
NA	ENSG00000236670	8.54469226	-0.43525349	0.64340511	0.04742485	0.14279997	KRT18P5
NA	ENSG00000236671	72.5140269	0.58482105	0.33309411	0.01732995	0.06491745	PRKG1-AS1
NA	ENSG00000236673	0	NA	NA	NA	NA	
NA	ENSG00000236674	0	NA	NA	NA	NA	
NA	ENSG00000236675	0.44795842	-0.02501848	0.38558245	0.5807882	NA	MTX1P1
NA	ENSG00000236676	0.47268444	-0.02840662	0.38580551	0.5434799	NA	
NA	ENSG00000236677	0	NA	NA	NA	NA	SETD4-AS1
NA	ENSG00000236678	2.17019185	-0.11639295	0.40374628	0.10573416	NA	LINC00347
NA	ENSG00000236679	1.98428526	-0.10006532	0.40241297	0.05644301	NA	RPL23AP24
NA	ENSG00000236680	0.49034623	0.01379242	0.3830648	0.76317406	NA	
NA	ENSG00000236681	0	NA	NA	NA	NA	DSTNP5
100506922	ENSG00000236682	9.27078511	0.20317173	0.40349681	0.23295662	0.44988944	MAP3K2-DT
NA	ENSG00000236683	0	NA	NA	NA	NA	HMGA1P1
NA	ENSG00000236686	0	NA	NA	NA	NA	BZW1P1
NA	ENSG00000236687	0	NA	NA	NA	NA	
NA	ENSG00000236689	0	NA	NA	NA	NA	MTCO2P21
NA	ENSG00000236690	0	NA	NA	NA	NA	
NA	ENSG00000236691	0	NA	NA	NA	NA	NDUFA4P2
NA	ENSG00000236692	0	NA	NA	NA	NA	MTCO1P10
NA	ENSG00000236695	0.18922458	0.01954053	0.38488496	0.78225479	NA	HNRNPA1P47
NA	ENSG00000236698	0.56767373	0.02627943	0.38574813	0.49686938	NA	EIF1AXP1
54848	ENSG00000236699	1.17418645	0.04369797	0.38425709	0.44977565	NA	ARHGEF38
NA	ENSG00000236700	0	NA	NA	NA	NA	LINC01010
NA	ENSG00000236701	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000236703	0.53542851	0.03210085	0.38615165	0.4634555	NA	MYB-AS1
NA	ENSG00000236704	0	NA	NA	NA	NA	CNOT4P1
NA	ENSG00000236708	1.6253395	0.08126733	0.39375878	0.16697592	NA	SDK1-AS1
100506897	ENSG00000236709	0	NA	NA	NA	NA	DAPK1-IT1
NA	ENSG00000236710	0.52881841	0.01306787	0.38341952	0.75266559	NA	
NA	ENSG00000236711	2.99321954	-0.03665556	0.3726461	0.7166377	0.86363918	SMAD9-IT1
NA	ENSG00000236712	0	NA	NA	NA	NA	
NA	ENSG00000236713	0	NA	NA	NA	NA	
NA	ENSG00000236714	22.0792897	2.03541851	0.73311187	0.00021514	0.00151896	LINC01844
NA	ENSG00000236716	0	NA	NA	NA	NA	
NA	ENSG00000236717	0	NA	NA	NA	NA	
NA	ENSG00000236718	0	NA	NA	NA	NA	RBMY2QP

148756	ENSG00000236719	0.173733	0.01914545	0.38484597	0.78225479	NA	OVAAL
101928778	ENSG00000236720	0	NA	NA	NA	NA	LINC01741
NA	ENSG00000236722	0	NA	NA	NA	NA	
NA	ENSG00000236723	3.15742445	0.0346675	0.37089707	0.74555891	0.88008306	
NA	ENSG00000236724	0	NA	NA	NA	NA	
NA	ENSG00000236731	0	NA	NA	NA	NA	
NA	ENSG00000236732	1.31717786	-0.013579	0.3794373	0.83549103	NA	
NA	ENSG00000236733	0	NA	NA	NA	NA	
NA	ENSG00000236735	0	NA	NA	NA	NA	RPL31P63
NA	ENSG00000236736	0	NA	NA	NA	NA	UQCRC2P1
NA	ENSG00000236737	0	NA	NA	NA	NA	GAGE12B
NA	ENSG00000236739	0.173124	-0.01911262	0.38486262	0.84537521	NA	CLIC4P1
101927189	ENSG00000236740	0	NA	NA	NA	NA	
NA	ENSG00000236741	0	NA	NA	NA	NA	
NA	ENSG00000236744	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000236745	0.173124	-0.01911262	0.38486262	0.84537521	NA	YRDCP2
101927449	ENSG00000236747	0	NA	NA	NA	NA	LINC01282
NA	ENSG00000236748	0	NA	NA	NA	NA	
NA	ENSG00000236750	0	NA	NA	NA	NA	
NA	ENSG00000236751	0	NA	NA	NA	NA	LINC01186
100506881	ENSG00000236753	90.978271	-0.68159378	0.26048571	0.00177367	0.00965687	MKLN1-AS
NA	ENSG00000236754	0	NA	NA	NA	NA	
414245	ENSG00000236756	0.68484732	0.00067763	0.38184383	0.98734816	NA	DNAJC9-AS1
NA	ENSG00000236758	0	NA	NA	NA	NA	MTUS2-AS2
NA	ENSG00000236760	0.84409266	-0.00894851	0.38148788	0.86395398	NA	
643854	ENSG00000236761	0	NA	NA	NA	NA	CTAGE9
NA	ENSG00000236762	0	NA	NA	NA	NA	RPL19P16
NA	ENSG00000236763	0	NA	NA	NA	NA	TRMT112P4
NA	ENSG00000236764	0	NA	NA	NA	NA	COX7A2P2
NA	ENSG00000236768	0	NA	NA	NA	NA	
NA	ENSG00000236769	0	NA	NA	NA	NA	LINC02659
NA	ENSG00000236770	0	NA	NA	NA	NA	
NA	ENSG00000236772	1.49258355	-0.03445593	0.37953485	0.64585194	NA	
NA	ENSG00000236773	0	NA	NA	NA	NA	
NA	ENSG00000236775	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000236776	0.34746601	0.02370763	0.3853651	0.61987128	NA	RPL21P23
NA	ENSG00000236777	0	NA	NA	NA	NA	
NA	ENSG00000236778	46.7014304	0.09925978	0.26837496	0.61194075	0.79995417	INTS6-AS1

NA	ENSG00000236779	0.83720167	0.01542537	0.3818493	0.76572383	NA	
644838	ENSG00000236780	11.6690872	-0.10165531	0.34781752	0.54721428	0.75424436	LINC01829
NA	ENSG00000236782	16.839517	0.1539021	0.34858262	0.40919001	0.63717543	ZNF593OS
NA	ENSG00000236783	0	NA	NA	NA	NA	RPS15AP27
NA	ENSG00000236785	0	NA	NA	NA	NA	SDR42E1P5
NA	ENSG00000236786	0	NA	NA	NA	NA	TSPY15P
339789	ENSG00000236790	0	NA	NA	NA	NA	LINC00299
NA	ENSG00000236791	0	NA	NA	NA	NA	OR2AI1P
NA	ENSG00000236792	0	NA	NA	NA	NA	
NA	ENSG00000236794	0.173124	-0.01911262	0.38486262	0.84537521	NA	BCRP8
101928700	ENSG00000236795	0	NA	NA	NA	NA	CNTNAP2-AS1
NA	ENSG00000236796	0	NA	NA	NA	NA	
NA	ENSG00000236797	0	NA	NA	NA	NA	SPA17P1
102724589	ENSG00000236799	0	NA	NA	NA	NA	LINC02626
NA	ENSG00000236800	0	NA	NA	NA	NA	
NA	ENSG00000236801	0.7885004	-0.00731121	0.38085635	0.89708387	NA	RPL24P8
NA	ENSG00000236803	0	NA	NA	NA	NA	SDAD1P4
NA	ENSG00000236804	0	NA	NA	NA	NA	RPS3AP12
NA	ENSG00000236806	1.94935157	0.04662183	0.38154286	0.53696862	NA	RPL7AP15
NA	ENSG00000236807	0	NA	NA	NA	NA	
NA	ENSG00000236809	1.25772604	-0.06815297	0.38900003	0.26141144	NA	SNX25P1
100506963	ENSG00000236810	62.6766314	-0.0080858	0.23708481	0.9639655	0.9857573	ELOA-AS1
NA	ENSG00000236811	1.72559093	0.09552004	0.39430463	0.23124233	NA	GAPDHP2
NA	ENSG00000236813	0	NA	NA	NA	NA	BTF3P8
NA	ENSG00000236814	2.52407313	-0.03868659	0.37817644	0.64197957	NA	
NA	ENSG00000236816	34.0153712	-0.24895077	0.32450718	0.23825387	0.45582998	ANKRD20A7P
NA	ENSG00000236817	0	NA	NA	NA	NA	
NA	ENSG00000236818	0	NA	NA	NA	NA	ARL5AP2
101060544	ENSG00000236819	6.71769957	-0.65051479	2.00151147	0.00820872	0.03531244	LINC01563
NA	ENSG00000236822	0	NA	NA	NA	NA	NMBR-AS1
NA	ENSG00000236823	0	NA	NA	NA	NA	
618	ENSG00000236824	22.5086587	-0.85782458	0.65946696	0.01365922	0.05353595	BCYRN1
NA	ENSG00000236825	0	NA	NA	NA	NA	RAB28P2
NA	ENSG00000236827	0	NA	NA	NA	NA	LINC00529
NA	ENSG00000236828	0	NA	NA	NA	NA	DMD-AS3
100134368	ENSG00000236829	31.1297914	-0.33249402	0.3664035	0.13924897	0.31613004	
100506428	ENSG00000236830	26.2513649	-1.12566224	0.56303849	0.00310315	0.01559038	CBR3-AS1
NA	ENSG00000236831	0	NA	NA	NA	NA	YME1L1P1

	NA	ENSG00000236832	0	NA	NA	NA	NA	CBY1P1
	NA	ENSG00000236833	2.40978438	0.09919635	0.39056983	0.30575732	NA	
100287114		ENSG00000236834	0	NA	NA	NA	NA	LINC00421
100874088		ENSG00000236836	0	NA	NA	NA	NA	PCYT1B-AS1
	NA	ENSG00000236837	0	NA	NA	NA	NA	
	NA	ENSG00000236838	0	NA	NA	NA	NA	
	NA	ENSG00000236839	0	NA	NA	NA	NA	
	NA	ENSG00000236841	0	NA	NA	NA	NA	
	NA	ENSG00000236842	0	NA	NA	NA	NA	
	NA	ENSG00000236844	0.83345088	-0.00949054	0.38153075	0.85560283	NA	
	NA	ENSG00000236846	0	NA	NA	NA	NA	
	NA	ENSG00000236847	0	NA	NA	NA	NA	
	NA	ENSG00000236848	0	NA	NA	NA	NA	RPL23AP95
101927258		ENSG00000236849	0	NA	NA	NA	NA	LINC01474
	NA	ENSG00000236852	0	NA	NA	NA	NA	SSBL2P
	NA	ENSG00000236853	0	NA	NA	NA	NA	OR2R1P
285045		ENSG00000236854	0.83471985	-0.02384409	0.383624	0.5872929	NA	
	NA	ENSG00000236856	0	NA	NA	NA	NA	
	NA	ENSG00000236857	0	NA	NA	NA	NA	RAP1BP1
	NA	ENSG00000236858	0	NA	NA	NA	NA	
254128		ENSG00000236859	133.081876	-0.04881585	0.17944793	0.75731902	0.88697677	NIFK-AS1
	NA	ENSG00000236860	0	NA	NA	NA	NA	RPL39P29
	NA	ENSG00000236861	2.3530149	0.10884969	0.39740482	0.21679705	NA	BET1-AS1
	NA	ENSG00000236862	0	NA	NA	NA	NA	RPS20P24
	NA	ENSG00000236863	0	NA	NA	NA	NA	RPL23AP23
	NA	ENSG00000236864	0	NA	NA	NA	NA	
	NA	ENSG00000236866	0	NA	NA	NA	NA	
	NA	ENSG00000236867	1.48560151	-0.0060024	0.37719918	0.93579578	NA	
112840933		ENSG00000236869	3.13824999	0.11768777	0.39660441	0.24929064	0.46867491	ZKSCAN7-AS1
	NA	ENSG00000236870	0	NA	NA	NA	NA	POMPP1
751580		ENSG00000236871	4.03140228	0.37865969	0.71400629	0.00474458	0.02223252	LINC00106
	NA	ENSG00000236872	0	NA	NA	NA	NA	PPIAP36
	NA	ENSG00000236874	0	NA	NA	NA	NA	
	NA	ENSG00000236875	0	NA	NA	NA	NA	DDX11L5
	NA	ENSG00000236876	0	NA	NA	NA	NA	TMSB4XP1
	NA	ENSG00000236877	0	NA	NA	NA	NA	SETD6P1
	NA	ENSG00000236878	1.96274602	0.01485186	0.37587352	0.85933686	NA	MTATP6P26
	NA	ENSG00000236880	0	NA	NA	NA	NA	RPS26P57

202299	ENSG00000236882	4.0757104	0.11390839	0.3915795	0.30350191	0.53085409	LINC01554
NA	ENSG00000236883	0	NA	NA	NA	NA	
NA	ENSG00000236885	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000236886	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000236887	0	NA	NA	NA	NA	
NA	ENSG00000236888	0	NA	NA	NA	NA	RPS20P5
NA	ENSG00000236889	0	NA	NA	NA	NA	
NA	ENSG00000236890	0.32454776	-0.0232788	0.38532222	0.66819217	NA	
NA	ENSG00000236892	0	NA	NA	NA	NA	
NA	ENSG00000236893	0	NA	NA	NA	NA	ASS1P7
NA	ENSG00000236894	0	NA	NA	NA	NA	
NA	ENSG00000236896	0	NA	NA	NA	NA	
NA	ENSG00000236897	0	NA	NA	NA	NA	
NA	ENSG00000236900	0	NA	NA	NA	NA	TIMM9P1
81571	ENSG00000236901	499.643843	0.05541215	0.10821489	0.59426416	0.7877158	MIR600HG
NA	ENSG00000236905	1.32396091	-0.01708708	0.37835015	0.81283613	NA	
NA	ENSG00000236907	0	NA	NA	NA	NA	
NA	ENSG00000236908	18.8233161	-1.4882234	0.63559959	0.0010652	0.00623227	LINC02827
NA	ENSG00000236909	0	NA	NA	NA	NA	OR2P1P
NA	ENSG00000236911	0	NA	NA	NA	NA	
NA	ENSG00000236913	0	NA	NA	NA	NA	RPS13P3
107984773	ENSG00000236914	16.1418313	0.04866962	0.32718187	0.78337287	0.90135811	LINC01852
NA	ENSG00000236915	0	NA	NA	NA	NA	CLCA4-AS1
NA	ENSG00000236917	0	NA	NA	NA	NA	DNAJA1P2
NA	ENSG00000236919	0	NA	NA	NA	NA	PHKG1P3
NA	ENSG00000236920	0	NA	NA	NA	NA	
NA	ENSG00000236921	0	NA	NA	NA	NA	
NA	ENSG00000236922	0	NA	NA	NA	NA	LINC01378
NA	ENSG00000236924	12.7623014	0.06619092	0.33688808	0.69978717	0.8552838	
NA	ENSG00000236928	0.81677452	-0.04638458	0.38801514	0.31350074	NA	
NA	ENSG00000236929	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL35AP37
NA	ENSG00000236930	0	NA	NA	NA	NA	SDHDP4
NA	ENSG00000236932	0	NA	NA	NA	NA	CEACAMP8
NA	ENSG00000236935	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000236936	0	NA	NA	NA	NA	
NA	ENSG00000236937	0.79700489	-0.04552442	0.38788016	0.32237218	NA	PTGES3P4
NA	ENSG00000236938	0	NA	NA	NA	NA	
157556	ENSG00000236939	0.173124	-0.01911262	0.38486262	0.84537521	NA	BAALC-AS2

NA	ENSG00000236940	0	NA	NA	NA	NA	
NA	ENSG00000236941	0	NA	NA	NA	NA	
NA	ENSG00000236942	0	NA	NA	NA	NA	
NA	ENSG00000236944	0	NA	NA	NA	NA	MIX23P2
NA	ENSG00000236946	0	NA	NA	NA	NA	HNRNPA1P70
NA	ENSG00000236948	0.31686865	0.00126611	0.38336771	0.96572226	NA	
105372894	ENSG00000236950	0	NA	NA	NA	NA	LINC01774
102725532	ENSG00000236951	0	NA	NA	NA	NA	
NA	ENSG00000236953	0.63736017	0.00336193	0.38196915	0.94203703	NA	ZDHHC20-IT1
NA	ENSG00000236956	0	NA	NA	NA	NA	NF1P8
105371458	ENSG00000236957	0	NA	NA	NA	NA	
NA	ENSG00000236958	0	NA	NA	NA	NA	
NA	ENSG00000236959	0	NA	NA	NA	NA	SULT1D1P
NA	ENSG00000236960	0	NA	NA	NA	NA	
NA	ENSG00000236961	0	NA	NA	NA	NA	
NA	ENSG00000236963	0	NA	NA	NA	NA	LINC01141
NA	ENSG00000236965	0	NA	NA	NA	NA	OR52N3P
NA	ENSG00000236966	0	NA	NA	NA	NA	
NA	ENSG00000236968	0	NA	NA	NA	NA	
NA	ENSG00000236969	0	NA	NA	NA	NA	GGT8P
NA	ENSG00000236972	0	NA	NA	NA	NA	FABP5P1
NA	ENSG00000236973	0	NA	NA	NA	NA	GAPDHP51
NA	ENSG00000236975	0	NA	NA	NA	NA	LINC02814
NA	ENSG00000236976	0	NA	NA	NA	NA	
101927547	ENSG00000236977	0.32259838	-0.02325509	0.38531882	0.66954488	NA	ANKRD44-IT1
NA	ENSG00000236978	0	NA	NA	NA	NA	
646498	ENSG00000236980	0	NA	NA	NA	NA	C3orf84
219870	ENSG00000236981	0	NA	NA	NA	NA	OR10G9
NA	ENSG00000236982	0	NA	NA	NA	NA	BLOC1S2P1
NA	ENSG00000236985	0	NA	NA	NA	NA	
NA	ENSG00000236986	0	NA	NA	NA	NA	
NA	ENSG00000236987	0	NA	NA	NA	NA	NDUFA5P8
NA	ENSG00000236988	0	NA	NA	NA	NA	CTDSPL2P1
NA	ENSG00000236989	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101927964	ENSG00000236990	0	NA	NA	NA	NA	
NA	ENSG00000236991	23.5458467	0.0387609	0.30126947	0.8390155	0.92674595	EDRF1-AS1
NA	ENSG00000236992	0.33471731	0.02354391	0.38534154	0.62842204	NA	RPL12P12
NA	ENSG00000236993	0	NA	NA	NA	NA	GAPDHP21

NA	ENSG00000236994	0	NA	NA	NA	NA	YBX1P9
100874282	ENSG00000236996	0	NA	NA	NA	NA	MLIP-IT1
NA	ENSG00000236998	0.85493431	0.03530681	0.38425449	0.4629839	NA	
NA	ENSG00000236999	0	NA	NA	NA	NA	ATP2B2-IT1
NA	ENSG00000237000	0	NA	NA	NA	NA	PTMAP6
NA	ENSG00000237001	0	NA	NA	NA	NA	WASF3-AS1
NA	ENSG00000237002	0	NA	NA	NA	NA	
NA	ENSG00000237003	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000237004	54.4849348	-0.14804868	0.27662021	0.4542739	0.67744995	ZNRF2P1
NA	ENSG00000237005	0	NA	NA	NA	NA	HIGD1AP15
NA	ENSG00000237007	0.83679327	0.03708827	0.38692416	0.33987194	NA	KRT18P52
NA	ENSG00000237008	0	NA	NA	NA	NA	LAPTM4BP1
84850	ENSG00000237009	0	NA	NA	NA	NA	GLIS3-AS1
NA	ENSG00000237011	0	NA	NA	NA	NA	
101927701	ENSG00000237013	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01812
NA	ENSG00000237014	0	NA	NA	NA	NA	LRRFIP2P1
NA	ENSG00000237015	1.39853577	0.10206572	0.40248838	0.07230916	NA	
NA	ENSG00000237016	0	NA	NA	NA	NA	
NA	ENSG00000237017	24.5941931	0.3843348	0.4244236	0.10256703	0.25414386	
NA	ENSG00000237019	0	NA	NA	NA	NA	
NA	ENSG00000237020	0	NA	NA	NA	NA	IGHD1-20
NA	ENSG00000237023	0	NA	NA	NA	NA	USP9YP3
NA	ENSG00000237024	0	NA	NA	NA	NA	RPL21P33
NA	ENSG00000237025	0.68031235	0.02162885	0.38378949	0.6165315	NA	PARD6BP1
NA	ENSG00000237026	0	NA	NA	NA	NA	
NA	ENSG00000237027	0	NA	NA	NA	NA	
NA	ENSG00000237031	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000237032	0	NA	NA	NA	NA	RPSAP7
NA	ENSG00000237033	0	NA	NA	NA	NA	CASP3P1
NA	ENSG00000237035	0	NA	NA	NA	NA	
220930	ENSG00000237036	163.164705	0.07558967	0.20177065	0.66049506	0.83169726	ZEB1-AS1
NA	ENSG00000237037	77.5132661	0.66402745	0.30414234	0.00554431	0.02540982	NDUFA6-DT
392188	ENSG00000237038	0	NA	NA	NA	NA	USP17L8
NA	ENSG00000237039	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPS28P4
NA	ENSG00000237040	0	NA	NA	NA	NA	DPH3P2
NA	ENSG00000237041	0	NA	NA	NA	NA	RPL27P8
NA	ENSG00000237042	0	NA	NA	NA	NA	MICG
83867	ENSG00000237048	0	NA	NA	NA	NA	TTY12

NA	ENSG00000237049	0	NA	NA	NA	NA	RPL34P1
NA	ENSG00000237053	0.82114744	-0.04658164	0.3880459	0.31157711	NA	FUCA1P1
NA	ENSG00000237054	6.58202164	-0.02760747	0.3646924	0.81176061	0.91472316	PRMT5-AS1
NA	ENSG00000237055	0	NA	NA	NA	NA	MTCO1P48
NA	ENSG00000237057	0	NA	NA	NA	NA	LINC02087
NA	ENSG00000237058	0	NA	NA	NA	NA	MMEL1-AS1
NA	ENSG00000237061	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000237062	0	NA	NA	NA	NA	
NA	ENSG00000237063	0	NA	NA	NA	NA	
442720	ENSG00000237064	0	NA	NA	NA	NA	EIF3IP1
NA	ENSG00000237065	0	NA	NA	NA	NA	NANOGP4
NA	ENSG00000237068	0	NA	NA	NA	NA	RPL5P2
105375166	ENSG00000237070	0	NA	NA	NA	NA	
NA	ENSG00000237072	0	NA	NA	NA	NA	
NA	ENSG00000237073	0	NA	NA	NA	NA	
NA	ENSG00000237074	0	NA	NA	NA	NA	
NA	ENSG00000237076	0	NA	NA	NA	NA	
NA	ENSG00000237077	0	NA	NA	NA	NA	RPL38P2
NA	ENSG00000237080	24.0368167	1.26865214	0.7678877	0.00404728	0.01949455	EHMT2-AS1
NA	ENSG00000237082	0.30001859	-0.02294461	0.38527539	0.68644705	NA	COX5BP6
NA	ENSG00000237083	0	NA	NA	NA	NA	
NA	ENSG00000237085	0	NA	NA	NA	NA	
NA	ENSG00000237087	0	NA	NA	NA	NA	
NA	ENSG00000237088	0	NA	NA	NA	NA	
NA	ENSG00000237089	0	NA	NA	NA	NA	PCNPP4
NA	ENSG00000237090	0	NA	NA	NA	NA	MKRN8P
NA	ENSG00000237092	0	NA	NA	NA	NA	LINC01065
NA	ENSG00000237094	372.821597	0.11289576	0.12299338	0.33253236	0.56173872	
NA	ENSG00000237099	0	NA	NA	NA	NA	GYG1P2
101927164	ENSG00000237101	3.3877217	-0.07278442	0.37703304	0.50832669	0.72399149	
NA	ENSG00000237106	0	NA	NA	NA	NA	FABP5P15
NA	ENSG00000237107	0	NA	NA	NA	NA	
NA	ENSG00000237109	0	NA	NA	NA	NA	RPL21P111
134860	ENSG00000237110	0	NA	NA	NA	NA	TAAR9
NA	ENSG00000237111	0	NA	NA	NA	NA	IGHJ3P
NA	ENSG00000237115	0	NA	NA	NA	NA	
NA	ENSG00000237118	1.76490183	-0.01695278	0.37865312	0.80908317	NA	CYP2F2P
100144597	ENSG00000237119	0	NA	NA	NA	NA	LINC01056

NA	ENSG00000237121	0	NA	NA	NA	NA	PIEZO1P2
NA	ENSG00000237124	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MTND2P11
79804	ENSG00000237125	5596.44009	1.45517606	0.06450093	9.44E-114	3.34E-111	HAND2-AS1
NA	ENSG00000237126	14.3304519	0.05498489	0.33008255	0.75445384	0.88559722	
NA	ENSG00000237127	0	NA	NA	NA	NA	
105376468	ENSG00000237128	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02652
NA	ENSG00000237129	0	NA	NA	NA	NA	MTCYBP34
NA	ENSG00000237130	0	NA	NA	NA	NA	MRPS6P2
NA	ENSG00000237131	0	NA	NA	NA	NA	
NA	ENSG00000237133	0.35748636	0.02382285	0.38538196	0.61361067	NA	RASGRP3-AS1
NA	ENSG00000237135	1.22398382	-0.06584574	0.38854939	0.27821191	NA	DDX10P1
646603	ENSG00000237136	0	NA	NA	NA	NA	C4orf51
NA	ENSG00000237137	0	NA	NA	NA	NA	
NA	ENSG00000237138	0	NA	NA	NA	NA	HUNK-AS1
NA	ENSG00000237139	0	NA	NA	NA	NA	RPS26P41
NA	ENSG00000237140	0	NA	NA	NA	NA	HSPE1P16
NA	ENSG00000237141	0	NA	NA	NA	NA	DNAJC19P1
NA	ENSG00000237148	0	NA	NA	NA	NA	HIGD1AP2
100131213	ENSG00000237149	101.127673	-0.2882608	0.2159477	0.11095935	0.26886095	ZNF503-AS2
NA	ENSG00000237153	0	NA	NA	NA	NA	
NA	ENSG00000237154	0.31831986	0.00126679	0.38336765	0.96494072	NA	MCFD2P1
NA	ENSG00000237158	0.8765328	0.03864217	0.38480223	0.44351801	NA	
415056	ENSG00000237159	70.2866944	-1.12582761	0.3046208	2.13E-05	0.00019042	CNTFR-AS1
105376023	ENSG00000237159	70.2866944	-1.12582761	0.3046208	2.13E-05	0.00019042	CNTFR-AS1
NA	ENSG00000237160	0	NA	NA	NA	NA	
NA	ENSG00000237161	0	NA	NA	NA	NA	
NA	ENSG00000237162	0	NA	NA	NA	NA	RPS20P9
NA	ENSG00000237163	0	NA	NA	NA	NA	
NA	ENSG00000237164	0	NA	NA	NA	NA	SLC25A15P2
NA	ENSG00000237166	0	NA	NA	NA	NA	LINC01792
NA	ENSG00000237167	0	NA	NA	NA	NA	
NA	ENSG00000237169	0	NA	NA	NA	NA	RPL12P27
NA	ENSG00000237170	0	NA	NA	NA	NA	RPS7P15
NA	ENSG00000237171	0	NA	NA	NA	NA	
84752	ENSG00000237172	267.394971	-0.11501013	0.14959401	0.40252399	0.63061911	B3GNT9
NA	ENSG00000237173	0	NA	NA	NA	NA	
NA	ENSG00000237174	0	NA	NA	NA	NA	
NA	ENSG00000237175	0	NA	NA	NA	NA	NME1P1

NA	ENSG00000237176	0	NA	NA	NA	NA	
NA	ENSG00000237178	0.51937201	-0.02557462	0.38567603	0.54680819	NA	H3P7
NA	ENSG00000237179	1.49610223	-0.03808594	0.38169643	0.5678436	NA	LINC01797
NA	ENSG00000237180	0.14931947	-0.01844332	0.38480212	0.84537521	NA	CYP46A4P
NA	ENSG00000237181	0	NA	NA	NA	NA	PRKAR1B-AS1
NA	ENSG00000237182	0	NA	NA	NA	NA	
NA	ENSG00000237183	0	NA	NA	NA	NA	KRTAP9-10P
NA	ENSG00000237185	0	NA	NA	NA	NA	VN1R66P
NA	ENSG00000237186	0	NA	NA	NA	NA	
441094	ENSG00000237187	277.918744	0.47189153	0.17850235	0.00318597	0.0159178	NR2F1-AS1
NA	ENSG00000237188	3.52233949	0.07821805	0.38749575	0.33868629	0.56895057	
91368	ENSG00000237190	871.393274	-0.01578526	0.09590549	0.86425132	0.93988845	CDKN2AIPNL
NA	ENSG00000237193	0	NA	NA	NA	NA	
NA	ENSG00000237194	4.95417136	-0.2249655	0.45586885	0.09335006	0.23674616	SNAI1P1
NA	ENSG00000237195	0	NA	NA	NA	NA	DLGAP5P1
NA	ENSG00000237197	0	NA	NA	NA	NA	IGHD1-7
NA	ENSG00000237200	0.49061106	0.01410553	0.38308766	0.75923273	NA	ZBTB40-IT1
NA	ENSG00000237202	0	NA	NA	NA	NA	
NA	ENSG00000237205	0	NA	NA	NA	NA	RPL7P34
NA	ENSG00000237206	1.14068039	-0.07755621	0.39447066	0.1465147	NA	IMPDH1P4
NA	ENSG00000237207	0	NA	NA	NA	NA	RBM17P3
101928495	ENSG00000237208	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000237210	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000237211	0	NA	NA	NA	NA	SETP4
NA	ENSG00000237212	0	NA	NA	NA	NA	
NA	ENSG00000237213	0	NA	NA	NA	NA	RPL23AP22
NA	ENSG00000237214	0.47324067	-0.03505867	0.38628469	0.49594513	NA	
NA	ENSG00000237215	0	NA	NA	NA	NA	DEFB131D
NA	ENSG00000237217	0	NA	NA	NA	NA	
NA	ENSG00000237220	0	NA	NA	NA	NA	
NA	ENSG00000237221	0	NA	NA	NA	NA	PPEF1-AS1
100507391	ENSG00000237222	2.76550218	0.02258448	0.37313875	0.81443905	0.91592004	LINC01968
151234	ENSG00000237223	0	NA	NA	NA	NA	SULT1C2P1
NA	ENSG00000237224	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000237225	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR13K1P
NA	ENSG00000237226	0	NA	NA	NA	NA	RPS3AP39
NA	ENSG00000237227	0	NA	NA	NA	NA	
NA	ENSG00000237230	0	NA	NA	NA	NA	KRTAP2-5P

150142	ENSG00000237232	14.072032	0.22127027	0.40329221	0.22045722	0.43280124	ZNF295-AS1
NA	ENSG00000237233	1.78882876	-0.11712416	0.40870442	0.04834973	NA	TMEM26-AS1
NA	ENSG00000237234	0	NA	NA	NA	NA	
NA	ENSG00000237235	0	NA	NA	NA	NA	TRDD2
NA	ENSG00000237236	0	NA	NA	NA	NA	
NA	ENSG00000237238	6.20772143	0.10552086	0.37124803	0.46332941	0.68620899	BMS1P10
NA	ENSG00000237242	0	NA	NA	NA	NA	BTF3P15
100130880	ENSG00000237243	0	NA	NA	NA	NA	CREB3L2-AS1
284428	ENSG00000237247	0	NA	NA	NA	NA	MBD3L5
100499405	ENSG00000237248	12.5638021	0.33235997	0.49930736	0.09555074	0.24100263	LINC00987
NA	ENSG00000237249	0	NA	NA	NA	NA	
100130331	ENSG00000237250	1.11209431	-0.0557319	0.38659094	0.33018413	NA	
NA	ENSG00000237251	0	NA	NA	NA	NA	
NA	ENSG00000237252	0	NA	NA	NA	NA	MMADHCP1
NA	ENSG00000237254	0	NA	NA	NA	NA	TRBV30
NA	ENSG00000237256	0	NA	NA	NA	NA	PGAM3P
NA	ENSG00000237257	0	NA	NA	NA	NA	MTND2P8
NA	ENSG00000237259	0	NA	NA	NA	NA	ZNF133-AS1
NA	ENSG00000237260	0.52502332	0.01106341	0.38327436	0.7673591	NA	PPIAP67
NA	ENSG00000237261	0	NA	NA	NA	NA	
NA	ENSG00000237262	0	NA	NA	NA	NA	
NA	ENSG00000237263	0	NA	NA	NA	NA	MAPK6P3
NA	ENSG00000237264	0.37844916	0.02407552	0.3854191	0.60038877	NA	FTH1P11
NA	ENSG00000237265	0	NA	NA	NA	NA	
105373400	ENSG00000237266	0	NA	NA	NA	NA	LINC01810
101929624	ENSG00000237267	0	NA	NA	NA	NA	LINC01519
NA	ENSG00000237268	6.31566107	-0.23075984	0.44212819	0.14067289	0.318644	
NA	ENSG00000237269	0	NA	NA	NA	NA	RBMV2TP
NA	ENSG00000237271	0.62197869	-0.04502076	0.38756061	0.37467211	NA	
NA	ENSG00000237272	0	NA	NA	NA	NA	OR51R1P
NA	ENSG00000237273	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RSL24D1P8
NA	ENSG00000237274	0	NA	NA	NA	NA	GTF3AP1
NA	ENSG00000237275	0	NA	NA	NA	NA	S100A11P10
NA	ENSG00000237276	2.71973212	-0.00814129	0.37401204	0.92307781	0.96791204	ANO7L1
NA	ENSG00000237278	0	NA	NA	NA	NA	RLIMP2
NA	ENSG00000237279	0	NA	NA	NA	NA	H3P2
NA	ENSG00000237280	0	NA	NA	NA	NA	
NA	ENSG00000237281	0	NA	NA	NA	NA	CATIP-AS2

440757	ENSG00000237282	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC00851
NA	ENSG00000237283	2.49215145	0.18870136	0.45186229	0.0094342	NA	
NA	ENSG00000237285	0	NA	NA	NA	NA	HNRNPA1P2
NA	ENSG00000237286	0	NA	NA	NA	NA	CARD11-AS1
1159	ENSG00000237289	674.393836	-1.12847384	0.13184491	1.29E-18	4.49E-17	CKMT1B
339442	ENSG00000237290	0	NA	NA	NA	NA	LINC01343
101928973	ENSG00000237292	0.54720683	0.03266699	0.3862101	0.45532368	NA	LINC01732
NA	ENSG00000237293	0	NA	NA	NA	NA	
NA	ENSG00000237294	0	NA	NA	NA	NA	EIF4BP9
NA	ENSG00000237296	474.794379	0.18018353	0.11683142	0.10490264	0.25815782	SMG1P1
NA	ENSG00000237297	0	NA	NA	NA	NA	
100506866	ENSG00000237298	455.076671	0.18526102	0.12517786	0.11757717	0.28111968	TTN-AS1
101927055	ENSG00000237298	455.076671	0.18526102	0.12517786	0.11757717	0.28111968	TTN-AS1
NA	ENSG00000237299	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000237300	0	NA	NA	NA	NA	MTCO1P19
NA	ENSG00000237301	4.11533655	-0.10183983	0.38202234	0.39886125	0.62769948	
NA	ENSG00000237302	0	NA	NA	NA	NA	OFD1P11Y
NA	ENSG00000237303	0	NA	NA	NA	NA	HIGD1AP8
NA	ENSG00000237306	0.16735865	0.01897177	0.38482933	0.78225479	NA	HSPE1P22
NA	ENSG00000237307	0.88051493	0.05089011	0.38879816	0.25754067	NA	SRRM1P3
NA	ENSG00000237308	0	NA	NA	NA	NA	
NA	ENSG00000237309	0	NA	NA	NA	NA	MTND2P6
100289098	ENSG00000237310	71.0339624	0.35521605	0.27796482	0.09188164	0.23409935	
NA	ENSG00000237311	0	NA	NA	NA	NA	
NA	ENSG00000237312	0	NA	NA	NA	NA	
NA	ENSG00000237314	0	NA	NA	NA	NA	RPL12P39
NA	ENSG00000237316	0	NA	NA	NA	NA	
NA	ENSG00000237317	0	NA	NA	NA	NA	
NA	ENSG00000237319	0	NA	NA	NA	NA	
105374461	ENSG00000237320	0	NA	NA	NA	NA	
NA	ENSG00000237321	0	NA	NA	NA	NA	
NA	ENSG00000237322	0	NA	NA	NA	NA	RPL7L1P10
NA	ENSG00000237323	0	NA	NA	NA	NA	
NA	ENSG00000237324	0	NA	NA	NA	NA	
NA	ENSG00000237325	0.3000203	-0.02294463	0.38527539	0.68644599	NA	
NA	ENSG00000237326	0	NA	NA	NA	NA	
NA	ENSG00000237327	0	NA	NA	NA	NA	UPP2-IT1
100861516	ENSG00000237328	0	NA	NA	NA	NA	RAI1-AS1

NA	ENSG00000237329	0.33471731	0.02354391	0.38534154	0.62842204	NA	
401934	ENSG00000237330	0.32281916	0.00121169	0.38336705	0.96947709	NA	RNF223
NA	ENSG00000237331	0	NA	NA	NA	NA	XIAP-AS1
NA	ENSG00000237336	0	NA	NA	NA	NA	
NA	ENSG00000237337	1.37102097	0.03302814	0.37981585	0.65051369	NA	ELAVL4-AS1
NA	ENSG00000237338	0	NA	NA	NA	NA	FTCD-AS1
100130954	ENSG00000237339	0	NA	NA	NA	NA	LINC01502
NA	ENSG00000237341	0	NA	NA	NA	NA	SYP-AS1
NA	ENSG00000237342	0	NA	NA	NA	NA	
NA	ENSG00000237343	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000237345	0	NA	NA	NA	NA	
NA	ENSG00000237346	0	NA	NA	NA	NA	
NA	ENSG00000237347	0	NA	NA	NA	NA	
NA	ENSG00000237349	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000237350	0.18922458	0.01954053	0.38488496	0.78225479	NA	CDC42P6
NA	ENSG00000237351	0.78311926	-0.00626871	0.38220092	0.89309921	NA	ITPK1P1
NA	ENSG00000237352	0	NA	NA	NA	NA	LINC01358
399968	ENSG00000237353	0	NA	NA	NA	NA	PATE4
NA	ENSG00000237354	0	NA	NA	NA	NA	OR52S1P
NA	ENSG00000237356	27.5114873	1.04957677	0.56625391	0.0045491	0.02148745	
NA	ENSG00000237357	23.5113709	-0.18371767	0.32616392	0.36017938	0.59016007	
NA	ENSG00000237358	0	NA	NA	NA	NA	
NA	ENSG00000237359	0	NA	NA	NA	NA	
NA	ENSG00000237360	0	NA	NA	NA	NA	CHCHD4P2
NA	ENSG00000237361	25.6379919	-1.82628563	0.52518671	2.90E-05	0.00025076	TUSC8
NA	ENSG00000237363	0	NA	NA	NA	NA	
NA	ENSG00000237365	0	NA	NA	NA	NA	
NA	ENSG00000237370	1.48328713	0.01937655	0.37783833	0.79899545	NA	
NA	ENSG00000237371	0	NA	NA	NA	NA	
100129066	ENSG00000237372	0.82261857	0.03320795	0.38403391	0.49725723	NA	
NA	ENSG00000237373	0	NA	NA	NA	NA	BRWD1-IT1
NA	ENSG00000237377	0	NA	NA	NA	NA	
112267897	ENSG00000237378	0	NA	NA	NA	NA	
NA	ENSG00000237379	0	NA	NA	NA	NA	CBX1P3
NA	ENSG00000237380	172.232211	-0.10000981	0.16155023	0.4938905	0.71263909	HOXD-AS2
NA	ENSG00000237381	0	NA	NA	NA	NA	NT5DC1P1
NA	ENSG00000237382	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL21P121
NA	ENSG00000237383	0	NA	NA	NA	NA	CNN2P11

NA	ENSG00000237385	0	NA	NA	NA	NA	
NA	ENSG00000237387	0	NA	NA	NA	NA	
403253	ENSG00000237388	0	NA	NA	NA	NA	OR4A47
NA	ENSG00000237389	0	NA	NA	NA	NA	
NA	ENSG00000237390	1.03637069	-0.02045871	0.38188025	0.70579704	NA	
101929685	ENSG00000237396	0	NA	NA	NA	NA	LNCNEF
NA	ENSG00000237398	0	NA	NA	NA	NA	HLA-DPA3
100507034	ENSG00000237399	32.3655192	-0.49303146	0.43532427	0.05465513	0.15939406	PITRM1-AS1
NA	ENSG00000237400	0	NA	NA	NA	NA	
100505964	ENSG00000237401	0	NA	NA	NA	NA	LINC01304
NA	ENSG00000237402	0	NA	NA	NA	NA	CAMTA1-IT1
NA	ENSG00000237406	0.173733	0.01914545	0.38484597	0.78225479	NA	NDUFA9P1
NA	ENSG00000237407	0	NA	NA	NA	NA	
NA	ENSG00000237408	0	NA	NA	NA	NA	ART2BP
NA	ENSG00000237409	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000237410	2.83590339	-0.11003511	0.3943485	0.26599309	0.48827746	NRXN2-AS1
646960	ENSG00000237412	1.72150766	0.12156823	0.41077235	0.04135405	NA	PRSS56
149047	ENSG00000237413	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000237414	0	NA	NA	NA	NA	
NA	ENSG00000237415	0	NA	NA	NA	NA	NRBF2P3
NA	ENSG00000237417	0	NA	NA	NA	NA	XRCC6P1
NA	ENSG00000237418	0	NA	NA	NA	NA	
NA	ENSG00000237419	0	NA	NA	NA	NA	
NA	ENSG00000237422	0.95988367	-0.02713729	0.3831115	0.59359478	NA	
NA	ENSG00000237423	2.90210776	-0.17721295	0.44307052	0.01126629	0.04576934	LINC01522
84793	ENSG00000237424	0	NA	NA	NA	NA	FOX D2-AS1
NA	ENSG00000237425	0	NA	NA	NA	NA	RPSAP2
NA	ENSG00000237426	0	NA	NA	NA	NA	ZIK1P1
NA	ENSG00000237427	0	NA	NA	NA	NA	TOMM22P1
NA	ENSG00000237428	0	NA	NA	NA	NA	ASH2LP2
NA	ENSG00000237429	0	NA	NA	NA	NA	
NA	ENSG00000237432	0	NA	NA	NA	NA	RPS7P12
NA	ENSG00000237433	0	NA	NA	NA	NA	RPSAP11
NA	ENSG00000237434	0	NA	NA	NA	NA	
102723661	ENSG00000237435	7.26696976	-0.59388524	1.11782089	0.01822668	0.06742818	LINC02790
NA	ENSG00000237436	0.83860934	-0.03079028	0.38376674	0.53182622	NA	CAMTA1-DT
NA	ENSG00000237437	2.24993543	0.02790798	0.38125485	0.65918292	NA	ASS1P12
NA	ENSG00000237438	0	NA	NA	NA	NA	CECR7

NA	ENSG00000237439	0	NA	NA	NA	NA	
100129842	ENSG00000237440	485.656257	0.08555384	0.12737731	0.47694997	0.69881747	ZNF737
5863	ENSG00000237441	1281.64749	-0.0630434	0.08400152	0.44095294	0.66589331	RGL2
NA	ENSG00000237442	0	NA	NA	NA	NA	HNRNPA1P57
NA	ENSG00000237443	0	NA	NA	NA	NA	OR13D2P
NA	ENSG00000237444	0	NA	NA	NA	NA	
NA	ENSG00000237445	0	NA	NA	NA	NA	
NA	ENSG00000237446	0	NA	NA	NA	NA	RHEBP3
NA	ENSG00000237447	0	NA	NA	NA	NA	CDC27P2
NA	ENSG00000237449	0	NA	NA	NA	NA	TAAR4P
NA	ENSG00000237450	0	NA	NA	NA	NA	RPL23AP71
NA	ENSG00000237451	6.97653724	0.0902122	0.36559067	0.53128843	0.74272565	CDK2AP2P2
388553	ENSG00000237452	0.65574953	0.00093835	0.38190547	0.98278404	NA	MEIOSIN
NA	ENSG00000237453	0	NA	NA	NA	NA	
NA	ENSG00000237456	0	NA	NA	NA	NA	ID2B
NA	ENSG00000237457	0.33798622	0.00062349	0.3833631	0.98167448	NA	LINC01351
NA	ENSG00000237458	0	NA	NA	NA	NA	TUBB4BP3
NA	ENSG00000237460	0	NA	NA	NA	NA	LINC01661
101928438	ENSG00000237461	8.0840395	0.29470892	0.49680231	0.08799112	0.22663167	
400794	ENSG00000237463	0	NA	NA	NA	NA	LRRC52-AS1
NA	ENSG00000237464	0	NA	NA	NA	NA	
NA	ENSG00000237466	0	NA	NA	NA	NA	MTCO3P41
NA	ENSG00000237467	0	NA	NA	NA	NA	USP9YP35
101928661	ENSG00000237468	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000237469	0	NA	NA	NA	NA	TUBB8P10
NA	ENSG00000237470	0.18922458	0.01954053	0.38488496	0.78225479	NA	DCLRE1CP1
NA	ENSG00000237471	0	NA	NA	NA	NA	
NA	ENSG00000237472	0	NA	NA	NA	NA	
NA	ENSG00000237473	0	NA	NA	NA	NA	
NA	ENSG00000237475	0	NA	NA	NA	NA	RPL7P53
101928891	ENSG00000237476	0.62292661	-0.016505	0.38342396	0.70972604	NA	LINC01637
NA	ENSG00000237477	0	NA	NA	NA	NA	
NA	ENSG00000237478	0	NA	NA	NA	NA	
105373876	ENSG00000237479	0	NA	NA	NA	NA	
NA	ENSG00000237480	0	NA	NA	NA	NA	
NA	ENSG00000237481	0.51272494	0.01531487	0.38311841	0.73909381	NA	
NA	ENSG00000237483	0	NA	NA	NA	NA	RPS27AP8
105372751	ENSG00000237484	0	NA	NA	NA	NA	LINC01684

NA	ENSG00000237487	8.89934819	-0.14791761	0.38161287	0.34064001	0.57088546	VN1R48P
387723	ENSG00000237489	11.2131566	0.12425946	0.35738775	0.46358922	0.68649127	C10orf143
NA	ENSG00000237490	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPS27AP17
105378580	ENSG00000237491	45.6934001	0.02663299	0.26221385	0.89136733	0.95284094	LINC01409
NA	ENSG00000237492	0	NA	NA	NA	NA	OR2L9P
NA	ENSG00000237493	2.51034181	-0.02814628	0.37267538	0.77255803	NA	
NA	ENSG00000237494	0	NA	NA	NA	NA	
NA	ENSG00000237498	0	NA	NA	NA	NA	
100130476	ENSG00000237499	0.18922458	0.01954053	0.38488496	0.78225479	NA	WAKMAR2
NA	ENSG00000237500	0	NA	NA	NA	NA	
NA	ENSG00000237501	0	NA	NA	NA	NA	
NA	ENSG00000237503	0	NA	NA	NA	NA	
101927891	ENSG00000237505	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PKN2-AS1
NA	ENSG00000237506	1.83350798	0.02219528	0.37520984	0.80087255	NA	RPSAP15
NA	ENSG00000237510	0.16735865	0.01897177	0.38482933	0.78225479	NA	GPAT2P1
728978	ENSG00000237512	0.88530959	0.01910433	0.38137081	0.73407154	NA	UNC5B-AS1
NA	ENSG00000237513	3.78409605	-0.04668374	0.37430306	0.63471201	0.81607019	
NA	ENSG00000237514	0	NA	NA	NA	NA	PTP4A1P7
729993	ENSG00000237515	1.10756612	-0.02812101	0.38131575	0.65132478	NA	SHISA9
NA	ENSG00000237517	0	NA	NA	NA	NA	DGCR5
NA	ENSG00000237520	0	NA	NA	NA	NA	
26648	ENSG00000237521	0	NA	NA	NA	NA	OR7E24
NA	ENSG00000237522	16.4169147	0.28255892	0.41454076	0.17039558	0.36230289	NONOP2
439990	ENSG00000237523	0	NA	NA	NA	NA	LINC00857
101929926	ENSG00000237524	0	NA	NA	NA	NA	TEX51
NA	ENSG00000237525	0	NA	NA	NA	NA	
NA	ENSG00000237527	0	NA	NA	NA	NA	
NA	ENSG00000237528	0	NA	NA	NA	NA	UQCR10P1
NA	ENSG00000237529	6.2597319	-0.00788187	0.35690631	0.95066201	0.97972521	
NA	ENSG00000237530	0	NA	NA	NA	NA	
NA	ENSG00000237531	0	NA	NA	NA	NA	
NA	ENSG00000237532	0	NA	NA	NA	NA	
NA	ENSG00000237539	0	NA	NA	NA	NA	
NA	ENSG00000237540	0	NA	NA	NA	NA	RPL36AP36
3117	ENSG00000237541	0	NA	NA	NA	NA	HLA-DQA2
3118	ENSG00000237541	0	NA	NA	NA	NA	HLA-DQA2
NA	ENSG00000237542	0.32226603	-0.0232524	0.38531842	0.66973715	NA	MTCO3P17
NA	ENSG00000237546	0	NA	NA	NA	NA	XKRYP6

NA	ENSG00000237547	0	NA	NA	NA	NA	IGHJ2P
NA	ENSG00000237548	0.173124	-0.01911262	0.38486262	0.84537521	NA	TLL11-IT1
NA	ENSG00000237549	0	NA	NA	NA	NA	RPS6P3
NA	ENSG00000237550	3613.09121	-0.19471038	0.06522407	0.00240428	0.0125397	
NA	ENSG00000237551	0	NA	NA	NA	NA	
110806286	ENSG00000237552	0	NA	NA	NA	NA	LINC02567
NA	ENSG00000237553	0	NA	NA	NA	NA	
NA	ENSG00000237555	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000237556	0	NA	NA	NA	NA	KCND3-AS1
NA	ENSG00000237557	0	NA	NA	NA	NA	YWHABP1
NA	ENSG00000237558	0	NA	NA	NA	NA	CDY7P
102723487	ENSG00000237560	0	NA	NA	NA	NA	LINC01497
100101115	ENSG00000237563	0	NA	NA	NA	NA	TTY21B
NA	ENSG00000237566	0	NA	NA	NA	NA	
NA	ENSG00000237567	0	NA	NA	NA	NA	LINC02836
NA	ENSG00000237568	0	NA	NA	NA	NA	
NA	ENSG00000237569	0	NA	NA	NA	NA	TUBA1
NA	ENSG00000237571	0	NA	NA	NA	NA	LINC02862
NA	ENSG00000237572	0	NA	NA	NA	NA	
101927924	ENSG00000237574	0	NA	NA	NA	NA	LINC01856
23615	ENSG00000237575	4.32458399	-0.01236162	0.36465684	0.91422722	0.96378282	PYY2
NA	ENSG00000237576	0	NA	NA	NA	NA	LINC01888
101927396	ENSG00000237579	0	NA	NA	NA	NA	LINC01514
NA	ENSG00000237580	0	NA	NA	NA	NA	GCSHP3
NA	ENSG00000237581	0	NA	NA	NA	NA	
NA	ENSG00000237583	0	NA	NA	NA	NA	RPL34P8
NA	ENSG00000237584	0	NA	NA	NA	NA	RAC1P4
NA	ENSG00000237585	0	NA	NA	NA	NA	LINC00407
NA	ENSG00000237586	0	NA	NA	NA	NA	
NA	ENSG00000237588	7.96303441	0.02596784	0.34759109	0.86532003	0.94029737	
NA	ENSG00000237589	0	NA	NA	NA	NA	HMG1P32
NA	ENSG00000237590	0	NA	NA	NA	NA	
NA	ENSG00000237592	0.15069912	-0.01848503	0.38480575	0.84537521	NA	IGKV1OR10-1
NA	ENSG00000237593	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000237594	46.877177	-0.25302971	0.28174453	0.21887563	0.43080282	
101927512	ENSG00000237595	0	NA	NA	NA	NA	LINC01275
644135	ENSG00000237596	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000237601	0	NA	NA	NA	NA	

NA	ENSG00000237603	0	NA	NA	NA	NA	HMGB3P12
NA	ENSG00000237604	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000237605	2.43597107	0.03734777	0.37855188	0.64861096	NA	DYRK3-AS1
NA	ENSG00000237606	0	NA	NA	NA	NA	
NA	ENSG00000237609	0	NA	NA	NA	NA	
NA	ENSG00000237610	0	NA	NA	NA	NA	OR4C50P
NA	ENSG00000237611	0	NA	NA	NA	NA	
NA	ENSG00000237612	0	NA	NA	NA	NA	
645520	ENSG00000237613	0	NA	NA	NA	NA	FAM138A
NA	ENSG00000237614	0	NA	NA	NA	NA	
NA	ENSG00000237617	0	NA	NA	NA	NA	
NA	ENSG00000237618	0	NA	NA	NA	NA	BTBD7P2
NA	ENSG00000237619	0	NA	NA	NA	NA	OR3B1P
NA	ENSG00000237620	0	NA	NA	NA	NA	GCNT1P5
NA	ENSG00000237621	0	NA	NA	NA	NA	OR9A1P
NA	ENSG00000237622	0	NA	NA	NA	NA	ELOCP18
NA	ENSG00000237623	0	NA	NA	NA	NA	NICN2P
NA	ENSG00000237624	22.2068932	-1.34438482	0.64607524	0.00206605	0.01099527	OXCT2P1
NA	ENSG00000237626	0	NA	NA	NA	NA	
NA	ENSG00000237628	0	NA	NA	NA	NA	MTCO2P19
NA	ENSG00000237629	0	NA	NA	NA	NA	UQCRHP2
NA	ENSG00000237630	0	NA	NA	NA	NA	NIFKP9
NA	ENSG00000237631	0.16735865	0.01897177	0.38482933	0.78225479	NA	PARK7P2
NA	ENSG00000237632	0	NA	NA	NA	NA	S100A11P1
NA	ENSG00000237633	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000237635	0	NA	NA	NA	NA	DUX4L29
100101938	ENSG00000237636	7.17000325	1.61183567	1.55453142	0.00724678	0.03180197	ANKRD26P3
NA	ENSG00000237637	0.5972779	-0.02732172	0.38586499	0.50076333	NA	FRY-AS1
400958	ENSG00000237638	30.508856	0.12699301	0.30165625	0.51938666	0.73290408	LINC02245
NA	ENSG00000237639	0	NA	NA	NA	NA	
NA	ENSG00000237640	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000237641	8.74510601	0.07630461	0.35903641	0.60732201	0.79664586	RPL28P2
NA	ENSG00000237642	0	NA	NA	NA	NA	HMGB3P5
NA	ENSG00000237643	0	NA	NA	NA	NA	
NA	ENSG00000237645	0	NA	NA	NA	NA	
NA	ENSG00000237646	0	NA	NA	NA	NA	HLCS-IT1
3833	ENSG00000237649	1964.39348	-0.03671146	0.07329895	0.60923663	0.79799662	KIFC1
NA	ENSG00000237650	0	NA	NA	NA	NA	OR11Q1P

339804	ENSG00000237651	194.407218	-0.20058156	0.17891664	0.20425548	0.41088053	C2orf74
NA	ENSG00000237653	0	NA	NA	NA	NA	
101929653	ENSG00000237654	0	NA	NA	NA	NA	
NA	ENSG00000237655	0	NA	NA	NA	NA	
NA	ENSG00000237659	0	NA	NA	NA	NA	RNASEH2CP1
NA	ENSG00000237661	0	NA	NA	NA	NA	TNIP2P1
NA	ENSG00000237662	0	NA	NA	NA	NA	SOCS2P1
NA	ENSG00000237663	0	NA	NA	NA	NA	DNAJC19P7
388830	ENSG00000237664	0	NA	NA	NA	NA	LINC00316
105376946	ENSG00000237665	0.29863895	-0.02292439	0.3852726	0.68753245	NA	GRM7-AS2
NA	ENSG00000237666	0	NA	NA	NA	NA	
339822	ENSG00000237667	0	NA	NA	NA	NA	LINC01115
NA	ENSG00000237668	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPS15AP38
NA	ENSG00000237669	22.7008141	0.1684224	0.3333168	0.3928428	0.62197758	
NA	ENSG00000237670	0	NA	NA	NA	NA	LINC01866
729422	ENSG00000237671	0	NA	NA	NA	NA	GAGE12C
NA	ENSG00000237672	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KRR1P1
NA	ENSG00000237674	0	NA	NA	NA	NA	GSTA7P
100169752	ENSG00000237675	0	NA	NA	NA	NA	TEX36-AS1
NA	ENSG00000237676	0	NA	NA	NA	NA	RPL30P4
NA	ENSG00000237679	1.55693834	0.04851317	0.38167416	0.52263096	NA	VDAC1P11
NA	ENSG00000237682	0.66131946	0.00452253	0.38193943	0.92314864	NA	PRKCIP1
NA	ENSG00000237684	0	NA	NA	NA	NA	RPSAP35
NA	ENSG00000237685	0	NA	NA	NA	NA	
101929705	ENSG00000237686	7.1385121	-0.2825581	0.50183762	0.06407637	0.17991439	SCIRT
NA	ENSG00000237687	0	NA	NA	NA	NA	LINC00686
NA	ENSG00000237689	0	NA	NA	NA	NA	
NA	ENSG00000237691	0	NA	NA	NA	NA	IFNWP2
345611	ENSG00000237693	1.35026602	-0.07355658	0.39380602	0.13393704	NA	IRGM
NA	ENSG00000237699	0	NA	NA	NA	NA	
645382	ENSG00000237700	0	NA	NA	NA	NA	PRAMEF33
NA	ENSG00000237701	0	NA	NA	NA	NA	ATP5PFP1
NA	ENSG00000237702	0	NA	NA	NA	NA	TRBV3-1
NA	ENSG00000237704	0	NA	NA	NA	NA	
NA	ENSG00000237705	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000237706	0	NA	NA	NA	NA	TRIM51EP
101928596	ENSG00000237707	2.01399246	-0.11385943	0.40439749	0.10134642	NA	
NA	ENSG00000237708	0.173124	-0.01911262	0.38486262	0.84537521	NA	SPIN2P1

	NA	ENSG00000237709	0.30139824	-0.02296476	0.38527817	0.68536535	NA	EEF1A1P28
	NA	ENSG00000237711	0	NA	NA	NA	NA	MTCO3P11
	NA	ENSG00000237713	0	NA	NA	NA	NA	
100861518	NA	ENSG00000237714	0	NA	NA	NA	NA	P4HA2-AS1
	NA	ENSG00000237716	0	NA	NA	NA	NA	
	NA	ENSG00000237718	3.18229719	0.01346148	0.3836199	0.71866586	0.86508498	
	NA	ENSG00000237719	13.6512868	0.27300216	0.42546975	0.16748309	0.35846798	
	NA	ENSG00000237720	25.3256957	0.31746741	0.37679807	0.15382293	0.33890581	
	NA	ENSG00000237722	0	NA	NA	NA	NA	MTND1P29
102725193	NA	ENSG00000237728	0	NA	NA	NA	NA	CAMTA1-AS2
	NA	ENSG00000237729	0	NA	NA	NA	NA	
	NA	ENSG00000237730	0	NA	NA	NA	NA	RPS5P8
	NA	ENSG00000237731	0.64348969	-0.01985273	0.38303134	0.67631781	NA	RNGTTP1
440934	NA	ENSG00000237732	7.40788323	-0.25537801	0.47681422	0.08239031	0.21607715	CT75
	NA	ENSG00000237734	0	NA	NA	NA	NA	
	NA	ENSG00000237735	0	NA	NA	NA	NA	
100189589	NA	ENSG00000237737	1.76307258	-0.02635398	0.37891865	0.71992205	NA	DCTN1-AS1
100874342	NA	ENSG00000237738	0	NA	NA	NA	NA	RNF216-IT1
	NA	ENSG00000237740	0.18922458	0.01954053	0.38488496	0.78225479	NA	NPAP1P3
	NA	ENSG00000237741	0	NA	NA	NA	NA	
	NA	ENSG00000237742	0	NA	NA	NA	NA	
	NA	ENSG00000237743	0	NA	NA	NA	NA	FBP2P1
	NA	ENSG00000237745	0	NA	NA	NA	NA	RPL22P8
	NA	ENSG00000237746	0	NA	NA	NA	NA	ZNF101P1
	NA	ENSG00000237747	0	NA	NA	NA	NA	
	NA	ENSG00000237748	0	NA	NA	NA	NA	UQCRBP1
	NA	ENSG00000237749	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
101929570	NA	ENSG00000237750	0	NA	NA	NA	NA	KCNH7-AS1
104355141	NA	ENSG00000237751	0	NA	NA	NA	NA	LINC01143
	NA	ENSG00000237752	0	NA	NA	NA	NA	NCKAP1P1
	NA	ENSG00000237753	17.4483223	-0.1801552	0.35902772	0.33970009	0.57009388	
	NA	ENSG00000237754	0	NA	NA	NA	NA	
	NA	ENSG00000237756	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000237757	0	NA	NA	NA	NA	EEF1A1P30
	NA	ENSG00000237758	0.16735865	0.01897177	0.38482933	0.78225479	NA	BANF1P3
	NA	ENSG00000237759	0	NA	NA	NA	NA	
	NA	ENSG00000237760	0	NA	NA	NA	NA	
	NA	ENSG00000237761	0	NA	NA	NA	NA	

276	ENSG00000237763	0	NA	NA	NA	NA	AMY1A
285550	ENSG00000237765	411.591594	-0.16293333	0.11900564	0.14877781	0.33135964	FAM200B
NA	ENSG00000237766	7.43276838	0.0101512	0.35388162	0.9442539	0.97728379	GGTA2P
NA	ENSG00000237767	0	NA	NA	NA	NA	LINC01370
NA	ENSG00000237768	0	NA	NA	NA	NA	
NA	ENSG00000237770	0	NA	NA	NA	NA	SPATA31D2P
NA	ENSG00000237772	0.75973167	-0.03136978	0.38404921	0.53113745	NA	LINC02631
NA	ENSG00000237773	0	NA	NA	NA	NA	
NA	ENSG00000237774	0	NA	NA	NA	NA	
NA	ENSG00000237775	0	NA	NA	NA	NA	DDR1-DT
NA	ENSG00000237781	0.67432729	0.02619312	0.38363193	0.58379114	NA	ADAMTSL4-AS2
NA	ENSG00000237782	0	NA	NA	NA	NA	PLLPP1
NA	ENSG00000237783	0	NA	NA	NA	NA	
NA	ENSG00000237784	0	NA	NA	NA	NA	RPS20P12
NA	ENSG00000237786	0	NA	NA	NA	NA	GFOD1-AS1
152118	ENSG00000237787	0	NA	NA	NA	NA	LINC02877
NA	ENSG00000237788	0.69371396	0.00036893	0.38238358	0.99174024	NA	
106144585	ENSG00000237790	0	NA	NA	NA	NA	LINC01318
NA	ENSG00000237793	0	NA	NA	NA	NA	RPL18AP16
NA	ENSG00000237797	0	NA	NA	NA	NA	MACORIS
NA	ENSG00000237798	0	NA	NA	NA	NA	
NA	ENSG00000237799	0	NA	NA	NA	NA	CICP11
NA	ENSG00000237801	0	NA	NA	NA	NA	AMD1P2
105379270	ENSG00000237802	0	NA	NA	NA	NA	FAM197Y6
NA	ENSG00000237803	0	NA	NA	NA	NA	LINC00211
NA	ENSG00000237804	0	NA	NA	NA	NA	HNRNPA1P39
NA	ENSG00000237806	0	NA	NA	NA	NA	FAUP2
100507516	ENSG00000237807	4.92665307	0.08664412	0.3806905	0.42876368	0.65462623	
NA	ENSG00000237810	0	NA	NA	NA	NA	
NA	ENSG00000237813	0	NA	NA	NA	NA	
NA	ENSG00000237816	0	NA	NA	NA	NA	RPL21P109
NA	ENSG00000237818	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS3AP29
101927497	ENSG00000237819	44.0989991	0.68247031	0.36405569	0.01012902	0.04183108	CDK6-AS1
NA	ENSG00000237821	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ST13P7
NA	ENSG00000237823	0	NA	NA	NA	NA	CDY19P
NA	ENSG00000237824	0	NA	NA	NA	NA	RPL23AP33
NA	ENSG00000237827	0	NA	NA	NA	NA	RPS15AP29
NA	ENSG00000237828	0	NA	NA	NA	NA	PA2G4P1

NA	ENSG00000237832	0	NA	NA	NA	NA	
NA	ENSG00000237833	0	NA	NA	NA	NA	ETS2P1
NA	ENSG00000237835	0	NA	NA	NA	NA	
NA	ENSG00000237836	1.70655094	0.02463286	0.37901939	0.7338335	NA	PHKA2-AS1
NA	ENSG00000237837	0	NA	NA	NA	NA	
NA	ENSG00000237838	1.16398191	0.01642012	0.38085306	0.78078055	NA	
NA	ENSG00000237840	14.0565407	-0.06761147	0.3331844	0.69538047	0.85294273	FAM21FP
NA	ENSG00000237841	0	NA	NA	NA	NA	KRTAP19-9P
NA	ENSG00000237842	0	NA	NA	NA	NA	SMU1P1
NA	ENSG00000237843	0	NA	NA	NA	NA	
NA	ENSG00000237844	0	NA	NA	NA	NA	
NA	ENSG00000237845	0	NA	NA	NA	NA	
NA	ENSG00000237846	6.85767687	0.0503567	0.36931983	0.66904808	0.83720681	
NA	ENSG00000237848	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000237849	0	NA	NA	NA	NA	NFYAP1
645202	ENSG00000237850	0	NA	NA	NA	NA	
NA	ENSG00000237851	0	NA	NA	NA	NA	
NA	ENSG00000237852	0	NA	NA	NA	NA	
645030	ENSG00000237853	0.29863895	-0.02292439	0.3852726	0.68753245	NA	NFIA-AS1
NA	ENSG00000237854	46.9031388	-0.0473319	0.28293787	0.80305604	0.9104022	LINC00674
NA	ENSG00000237856	0	NA	NA	NA	NA	
NA	ENSG00000237859	0	NA	NA	NA	NA	EEF1A1P31
NA	ENSG00000237860	0	NA	NA	NA	NA	SLC6A14P2
NA	ENSG00000237861	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100506271	ENSG00000237862	0	NA	NA	NA	NA	
NA	ENSG00000237863	0	NA	NA	NA	NA	
NA	ENSG00000237864	0	NA	NA	NA	NA	LINC00322
NA	ENSG00000237868	0	NA	NA	NA	NA	
102724434	ENSG00000237870	0	NA	NA	NA	NA	
645682	ENSG00000237872	0.72602119	0.04264172	0.38745951	0.33481525	NA	POU5F1P4
NA	ENSG00000237873	0	NA	NA	NA	NA	DLGAP5P2
NA	ENSG00000237874	0	NA	NA	NA	NA	
NA	ENSG00000237875	0	NA	NA	NA	NA	
NA	ENSG00000237876	0	NA	NA	NA	NA	AKR1B1P4
NA	ENSG00000237877	4.47648803	-0.0903163	0.37764585	0.45803281	0.6814881	LINC01473
100874158	ENSG00000237879	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC00398
NA	ENSG00000237880	1.03897615	0.074307	0.3936529	0.15222474	NA	LINC01885
NA	ENSG00000237882	0	NA	NA	NA	NA	PPIAP13

100874048	ENSG00000237883	20.0578882	0.19349468	0.35861243	0.31958532	0.54727882	DGUOK-AS1	
	NA	ENSG00000237885	0	NA	NA	NA		
	NA	ENSG00000237886	1.16828715	0.04088295	0.38336185	0.49869047	NALT1	
	NA	ENSG00000237887	0	NA	NA	NA	RPL23AP32	
	NA	ENSG00000237888	0	NA	NA	NA		
	NA	ENSG00000237891	0	NA	NA	NA	UBE2V1P16	
	NA	ENSG00000237892	4.0313211	-0.08242118	0.37779391	0.4735423	0.69551963	KLF7-IT1
	NA	ENSG00000237896	0	NA	NA	NA	NA	
	NA	ENSG00000237897	0	NA	NA	NA	NA	
	NA	ENSG00000237899	0	NA	NA	NA	NA	
	NA	ENSG00000237901	0	NA	NA	NA	NA	
	NA	ENSG00000237902	0	NA	NA	NA	NA	
	NA	ENSG00000237903	0	NA	NA	NA	NA	
	NA	ENSG00000237904	0	NA	NA	NA	NA	
	NA	ENSG00000237906	0	NA	NA	NA	NA	
	NA	ENSG00000237910	0	NA	NA	NA	NA	
	NA	ENSG00000237911	0	NA	NA	NA	NA	
	NA	ENSG00000237913	0	NA	NA	NA	NA	
	NA	ENSG00000237914	0	NA	NA	NA	NA	
101929010	ENSG00000237914	0	NA	NA	NA	NA	SIRPG-AS1	
	NA	ENSG00000237916	2.9552743	-0.00824522	0.36847221	0.93705816	0.97351594	RPL37P12
	NA	ENSG00000237917	0	NA	NA	NA	NA	PARP4P1
	NA	ENSG00000237919	0	NA	NA	NA	NA	LRRC7-AS1
	NA	ENSG00000237920	0	NA	NA	NA	NA	
	NA	ENSG00000237921	0	NA	NA	NA	NA	
	NA	ENSG00000237922	0	NA	NA	NA	NA	
105375014	ENSG00000237923	0	NA	NA	NA	NA	NA	LINC02570
	NA	ENSG00000237924	0	NA	NA	NA	NA	RPL21P112
	NA	ENSG00000237926	0	NA	NA	NA	NA	
	NA	ENSG00000237927	0.35659405	0.02381643	0.38538096	0.61406099	NA	
100996570	ENSG00000237928	3.75385365	-0.22336708	0.47033224	0.03660777	0.11748596	NFIA-AS2	
	NA	ENSG00000237929	0	NA	NA	NA	NA	RPL31P3
	NA	ENSG00000237930	0	NA	NA	NA	NA	RPL31P14
	NA	ENSG00000237931	0	NA	NA	NA	NA	CLIC4P3
	NA	ENSG00000237934	0	NA	NA	NA	NA	
	NA	ENSG00000237936	0	NA	NA	NA	NA	
101929011	ENSG00000237937	0.29863895	-0.02292439	0.3852726	0.68753245	NA	NA	LINC02702
	NA	ENSG00000237938	2.48071256	0.0940915	0.39022428	0.30753474	NA	
	NA	ENSG00000237939	0	NA	NA	NA	NA	IDI1P1

102723927	ENSG00000237940	90.9690085	0.03525568	0.22132183	0.84672343	0.93052693	LINC01238
55539	ENSG00000237941	0	NA	NA	NA	NA	KCNQ1DN
439949	ENSG00000237943	77.2087396	0.10961795	0.23033003	0.55562893	0.7613563	PRKCQ-AS1
100506334	ENSG00000237945	4.33197227	0.14066434	0.41730047	0.03722817	0.11895745	LINC00649
NA	ENSG00000237947	0	NA	NA	NA	NA	
NA	ENSG00000237948	0	NA	NA	NA	NA	MTATP6P20
NA	ENSG00000237949	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC00844
NA	ENSG00000237950	50.4819606	-0.49948206	0.32654668	0.03466696	0.11251309	
NA	ENSG00000237951	0	NA	NA	NA	NA	PPIL1P1
NA	ENSG00000237952	0	NA	NA	NA	NA	RPL7AP73
NA	ENSG00000237953	0	NA	NA	NA	NA	RPS13P5
NA	ENSG00000237954	8.39931346	-0.39883629	0.64616861	0.03761108	0.11985285	
NA	ENSG00000237955	0	NA	NA	NA	NA	
NA	ENSG00000237956	0	NA	NA	NA	NA	TRIAP1P1
NA	ENSG00000237959	0	NA	NA	NA	NA	RPL36AP10
NA	ENSG00000237961	1.75394504	-0.01777849	0.37718979	0.81883007	NA	
NA	ENSG00000237963	0.66090991	-0.0193222	0.38292388	0.67068895	NA	PRXL2CP1
NA	ENSG00000237964	0	NA	NA	NA	NA	RAD52P1
NA	ENSG00000237968	0	NA	NA	NA	NA	
NA	ENSG00000237970	0	NA	NA	NA	NA	TMEM161BP1
NA	ENSG00000237971	0	NA	NA	NA	NA	
NA	ENSG00000237972	4.43378896	0.10070033	0.37874473	0.42830575	0.65428642	TUBG1P
NA	ENSG00000237973	478.318118	-0.23985527	0.10915235	0.02148762	0.07714699	MTCO1P12
NA	ENSG00000237974	0	NA	NA	NA	NA	
339400	ENSG00000237975	0	NA	NA	NA	NA	FLG-AS1
NA	ENSG00000237976	20.7767579	0.03690198	0.31359629	0.84241902	0.92837824	RFX5-AS1
NA	ENSG00000237977	4.65822712	0.16635273	0.4134227	0.1857207	0.38510648	EIF4HP2
NA	ENSG00000237978	5.73929867	0.09332088	0.38186078	0.40204517	0.63031025	KCNMB2-AS1
NA	ENSG00000237979	0.16735865	0.01897177	0.38482933	0.78225479	NA	DNAJB12P1
NA	ENSG00000237980	0	NA	NA	NA	NA	LINC02773
NA	ENSG00000237982	0	NA	NA	NA	NA	
11191	ENSG00000237984	75.3384935	-0.6699667	0.36522286	0.01111457	0.045252	PTENP1
NA	ENSG00000237986	0	NA	NA	NA	NA	CELF2-AS2
105378137	ENSG00000237987	0	NA	NA	NA	NA	
NA	ENSG00000237988	0.173124	-0.01911262	0.38486262	0.84537521	NA	OR2I1P
101928399	ENSG00000237989	32.8043309	-0.90964041	0.48629738	0.00567298	0.02589185	LINC01679
NA	ENSG00000237990	12.6275624	-0.11702423	0.36175041	0.46774829	0.69058833	CNTN4-AS1
NA	ENSG00000237991	0	NA	NA	NA	NA	RPL35P1

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NA	ENSG00000237999	0	NA	NA	NA	NA	ACTG1P19
NA	ENSG00000238000	0	NA	NA	NA	NA	PSME2P1
NA	ENSG00000238001	0.173733	0.01914545	0.38484597	0.78225479	NA	SNRPCP1
NA	ENSG00000238002	0	NA	NA	NA	NA	NPAP1P6
NA	ENSG00000238003	0	NA	NA	NA	NA	RPL10P4
NA	ENSG00000238004	0	NA	NA	NA	NA	
101927851	ENSG00000238005	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000238007	0	NA	NA	NA	NA	
NA	ENSG00000238008	0.173124	-0.01911262	0.38486262	0.84537521	NA	COX6CP10
NA	ENSG00000238009	10.6069535	0.34198207	0.54428504	0.06618442	0.1840258	
NA	ENSG00000238010	0	NA	NA	NA	NA	
NA	ENSG00000238012	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000238013	0	NA	NA	NA	NA	
NA	ENSG00000238015	0	NA	NA	NA	NA	
NA	ENSG00000238018	6.19678207	-0.07000526	0.36776652	0.58707909	0.78237765	
NA	ENSG00000238019	0	NA	NA	NA	NA	
106478970	ENSG00000238020	0	NA	NA	NA	NA	HTR3E-AS1
NA	ENSG00000238021	1.19863605	0.06761007	0.39233703	0.15102074	NA	ODAD2P1
NA	ENSG00000238022	0	NA	NA	NA	NA	LMX1A-AS1
NA	ENSG00000238024	0	NA	NA	NA	NA	DDX39BP2
NA	ENSG00000238025	0	NA	NA	NA	NA	ZDHHC4P1
NA	ENSG00000238026	0	NA	NA	NA	NA	
NA	ENSG00000238029	0	NA	NA	NA	NA	RALBP1P2
NA	ENSG00000238031	0	NA	NA	NA	NA	
NA	ENSG00000238032	0	NA	NA	NA	NA	S100A11P5
NA	ENSG00000238034	0	NA	NA	NA	NA	
NA	ENSG00000238035	505.578544	0.17281442	0.11973211	0.12827367	0.29899782	
NA	ENSG00000238037	0	NA	NA	NA	NA	OOSP1P1
NA	ENSG00000238038	0.16735865	0.01897177	0.38482933	0.78225479	NA	ATP6V0E1P3
NA	ENSG00000238039	7.04616764	-0.00574367	0.35207719	0.96582619	0.98666349	
NA	ENSG00000238040	0	NA	NA	NA	NA	SALL4P2
NA	ENSG00000238041	0	NA	NA	NA	NA	TMEM230P2
105372950	ENSG00000238042	0	NA	NA	NA	NA	LINC02257
NA	ENSG00000238043	0	NA	NA	NA	NA	

	NA	ENSG00000238045	56.4451236	-0.05437205	0.25523122	0.77513722	0.89624817	
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	NA	ENSG00000238047	0	NA	NA	NA	NA	MTND1P30
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	NA	ENSG00000238054	0	NA	NA	NA	NA	
	NA	ENSG00000238055	0.34746601	0.02370763	0.3853651	0.61987128	NA	
100303491	NA	ENSG00000238057	8.98240511	0.20544335	0.40947918	0.21637468	0.42727915	ZEB2-AS1
	NA	ENSG00000238058	10.6562572	0.02090308	0.34253145	0.89639592	0.95469109	
	NA	ENSG00000238059	0	NA	NA	NA	NA	HSPE1P21
	NA	ENSG00000238061	4.98011318	0.0969045	0.37835614	0.44034519	0.66517856	
348761	NA	ENSG00000238062	13.6820025	-0.25037835	0.41400508	0.18914239	0.38991947	SPATA3-AS1
	NA	ENSG00000238063	0	NA	NA	NA	NA	LINC01685
	NA	ENSG00000238065	0	NA	NA	NA	NA	LRRC57P1
	NA	ENSG00000238066	0	NA	NA	NA	NA	
	NA	ENSG00000238067	0	NA	NA	NA	NA	XKRYP1
	NA	ENSG00000238069	0	NA	NA	NA	NA	RPLP0P7
	NA	ENSG00000238072	0	NA	NA	NA	NA	CDC26P1
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	NA	ENSG00000238074	0	NA	NA	NA	NA	TSPY9P
	NA	ENSG00000238075	0	NA	NA	NA	NA	RPSAP32
	NA	ENSG00000238076	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MRPL48P1
	NA	ENSG00000238077	0	NA	NA	NA	NA	NMNAT1P3
101929730	NA	ENSG00000238078	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC01352
	NA	ENSG00000238079	0	NA	NA	NA	NA	
	NA	ENSG00000238081	0	NA	NA	NA	NA	
	NA	ENSG00000238082	6.32004295	0.06046418	0.36408801	0.65010432	0.82529572	NUDCP2
474170	NA	ENSG00000238083	445.43794	0.03197381	0.11110531	0.76439363	0.89148768	LRRC37A2
	NA	ENSG00000238084	0.82529838	0.02854168	0.38429183	0.51977948	NA	
	NA	ENSG00000238085	0	NA	NA	NA	NA	
	NA	ENSG00000238086	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PPP1R26P1
	NA	ENSG00000238087	0	NA	NA	NA	NA	FMO8P
	NA	ENSG00000238088	0	NA	NA	NA	NA	OFD1P7Y
	NA	ENSG00000238090	0.45051049	-0.02733759	0.38571616	0.56127273	NA	
	NA	ENSG00000238092	0	NA	NA	NA	NA	CEACAMP6
	NA	ENSG00000238094	0	NA	NA	NA	NA	
101929337	NA	ENSG00000238097	4.05274497	-0.28625137	0.53459033	0.02685375	0.09209652	LINC02037

650655	ENSG00000238098	15.8911292	-0.03714526	0.32873935	0.82694858	0.92172246	ABCA17P
645434	ENSG00000238099	0	NA	NA	NA	NA	LINC01625
NA	ENSG00000238102	0	NA	NA	NA	NA	
NA	ENSG00000238103	2.23949732	-0.00396052	0.37708706	0.95647093	NA	RPL9P7
55592	ENSG00000238105	380.206995	0.46947211	0.1396028	0.00032103	0.00217305	GOLGA2P5
NA	ENSG00000238107	0	NA	NA	NA	NA	LINC02806
NA	ENSG00000238108	0	NA	NA	NA	NA	
NA	ENSG00000238109	5.54578555	0.06128024	0.36214188	0.65482706	0.82814932	RNF14P3
NA	ENSG00000238110	0	NA	NA	NA	NA	
NA	ENSG00000238111	0	NA	NA	NA	NA	RPS13P4
103352539	ENSG00000238113	238.528268	0.03084898	0.18746849	0.85172904	0.93275912	LINC01410
NA	ENSG00000238116	0	NA	NA	NA	NA	RAD21P1
NA	ENSG00000238117	0	NA	NA	NA	NA	
NA	ENSG00000238118	1.56359704	0.06153354	0.39132085	0.13522809	NA	SLC25A24P2
100506737	ENSG00000238120	1.02124956	0.00578372	0.38000092	0.92433301	NA	LINC01589
100188949	ENSG00000238121	0	NA	NA	NA	NA	LINC00426
NA	ENSG00000238122	300.033694	0.77983928	0.15187138	5.48E-08	7.49E-07	
NA	ENSG00000238123	5.04023831	-0.00854941	0.36126005	0.94356534	0.97701605	MID1IP1-AS1
NA	ENSG00000238124	0	NA	NA	NA	NA	
NA	ENSG00000238125	0	NA	NA	NA	NA	SLC9A3P2
NA	ENSG00000238129	0	NA	NA	NA	NA	
NA	ENSG00000238131	0	NA	NA	NA	NA	LINC02854
NA	ENSG00000238132	1.19010872	0.02167677	0.37936208	0.75432897	NA	CASC4P1
339751	ENSG00000238133	0.52403109	0.03154624	0.38609537	0.47157163	NA	MAP3K20-AS1
NA	ENSG00000238135	0	NA	NA	NA	NA	USP9YP10
NA	ENSG00000238137	0.92330664	-0.05034868	0.38871855	0.27048466	NA	ARPC3P2
NA	ENSG00000238138	0	NA	NA	NA	NA	
NA	ENSG00000238139	0	NA	NA	NA	NA	
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100874093	ENSG00000238141	0	NA	NA	NA	NA	BRWD1-AS1
NA	ENSG00000238142	1.11835527	-0.05201927	0.38709701	0.33150125	NA	
NA	ENSG00000238143	0	NA	NA	NA	NA	
NA	ENSG00000238145	0	NA	NA	NA	NA	TUBAP8
NA	ENSG00000238149	0	NA	NA	NA	NA	
NA	ENSG00000238150	0	NA	NA	NA	NA	
NA	ENSG00000238151	0.16735865	0.01897177	0.38482933	0.78225479	NA	MLLT10P1
NA	ENSG00000238152	0	NA	NA	NA	NA	OR7E140P
NA	ENSG00000238153	0.45209736	-0.02505403	0.38558831	0.57865948	NA	

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NA	ENSG00000238156	0	NA	NA	NA	NA	
26240	ENSG00000238158	0	NA	NA	NA	NA	
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NA	ENSG00000238161	0	NA	NA	NA	NA	OR7E117P
NA	ENSG00000238162	0	NA	NA	NA	NA	
NA	ENSG00000238164	4.69224709	0.03238578	0.37034502	0.75002784	0.8824202	TNFRSF14-AS1
NA	ENSG00000238165	0	NA	NA	NA	NA	
NA	ENSG00000238166	1.20109635	-0.00656162	0.38041663	0.91013849	NA	
NA	ENSG00000238168	0	NA	NA	NA	NA	IFITM3P5
102723318	ENSG00000238169	0	NA	NA	NA	NA	LINC01053
NA	ENSG00000238171	0	NA	NA	NA	NA	
NA	ENSG00000238172	0.32452278	0.00140749	0.38336867	0.96683047	NA	RPS2P35
NA	ENSG00000238173	0	NA	NA	NA	NA	RPL39P6
NA	ENSG00000238176	0	NA	NA	NA	NA	
NA	ENSG00000238178	0	NA	NA	NA	NA	
NA	ENSG00000238180	0.85170743	0.01744849	0.38197278	0.73675683	NA	RPL21P34
NA	ENSG00000238181	1.13132547	0.01692853	0.37995056	0.79309925	NA	AHCYP2
NA	ENSG00000238183	0	NA	NA	NA	NA	RPS27P5
101927682	ENSG00000238184	3.97427722	0.07463303	0.37826266	0.49182963	0.71106639	CD81-AS1
NA	ENSG00000238185	0	NA	NA	NA	NA	
NA	ENSG00000238186	3.2598074	0.01430643	0.3701821	0.89130729	0.9528281	
NA	ENSG00000238188	0	NA	NA	NA	NA	SPRING1P2
NA	ENSG00000238189	0	NA	NA	NA	NA	ENOX1-AS2
NA	ENSG00000238190	0	NA	NA	NA	NA	HMGB1P15
NA	ENSG00000238191	0	NA	NA	NA	NA	CLUHP1
NA	ENSG00000238192	0	NA	NA	NA	NA	
NA	ENSG00000238193	0	NA	NA	NA	NA	HADHBP1
NA	ENSG00000238194	0.31799011	0.0009111	0.38336516	0.96834584	NA	PHACTR3-AS1
NA	ENSG00000238195	0	NA	NA	NA	NA	
100506215	ENSG00000238197	347.07138	0.02972027	0.12336673	0.80085844	0.90877553	PAXBP1-AS1
100996251	ENSG00000238198	8.73582618	-0.04578779	0.3460441	0.76790532	0.89309112	LRIG2-DT
NA	ENSG00000238199	0	NA	NA	NA	NA	UBE2V2P3
NA	ENSG00000238200	0	NA	NA	NA	NA	MGAT2P2
NA	ENSG00000238201	0	NA	NA	NA	NA	
347411	ENSG00000238205	0.4958766	-0.02951091	0.38590302	0.52548909	NA	MPC1L
NA	ENSG00000238207	0.83477817	-0.03033755	0.38361363	0.53081057	NA	
101928677	ENSG00000238210	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ETDA

NA	ENSG00000238211	0	NA	NA	NA	NA	POLR2LP1
107984977	ENSG00000238212	0	NA	NA	NA	NA	LINC02096
NA	ENSG00000238213	0.18922458	0.01954053	0.38488496	0.78225479	NA	TARDBPP2
NA	ENSG00000238215	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101927641	ENSG00000238217	0	NA	NA	NA	NA	LINC01877
NA	ENSG00000238220	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000238221	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000238222	0.31797473	0.00089116	0.38336504	0.96853666	NA	MKRN4P
NA	ENSG00000238223	0	NA	NA	NA	NA	
NA	ENSG00000238224	0	NA	NA	NA	NA	
NA	ENSG00000238225	0	NA	NA	NA	NA	CRIP1P2
90120	ENSG00000238227	1137.26384	0.27220474	0.07851704	0.00038927	0.0025821	TMEM250
NA	ENSG00000238228	24.7758593	0.31237764	0.3822464	0.15863274	0.34585424	OR7E7P
101927248	ENSG00000238230	0	NA	NA	NA	NA	LINC00391
NA	ENSG00000238231	0.5159476	0.01616321	0.38317988	0.72725623	NA	
NA	ENSG00000238232	0	NA	NA	NA	NA	
NA	ENSG00000238235	0	NA	NA	NA	NA	TSPY11P
NA	ENSG00000238236	0	NA	NA	NA	NA	MTCYBP14
NA	ENSG00000238241	0.37844916	0.02407552	0.3854191	0.60038877	NA	CCR12P
NA	ENSG00000238242	0	NA	NA	NA	NA	LINC02778
343171	ENSG00000238243	0	NA	NA	NA	NA	OR2W3
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NA	ENSG00000238245	0	NA	NA	NA	NA	MYO5BP2
NA	ENSG00000238246	0	NA	NA	NA	NA	
NA	ENSG00000238247	0	NA	NA	NA	NA	RDXP3
NA	ENSG00000238249	0	NA	NA	NA	NA	HMG2P17
NA	ENSG00000238250	0	NA	NA	NA	NA	ST6GAL2-IT1
NA	ENSG00000238251	0.30139824	-0.02296476	0.38527817	0.68536535	NA	NSA2P7
NA	ENSG00000238254	0	NA	NA	NA	NA	
NA	ENSG00000238256	0	NA	NA	NA	NA	MTND5P20
NA	ENSG00000238257	0	NA	NA	NA	NA	
NA	ENSG00000238258	0	NA	NA	NA	NA	
NA	ENSG00000238259	0	NA	NA	NA	NA	PHF5GP
NA	ENSG00000238260	1.30088365	0.00678938	0.38009651	0.91172845	NA	
NA	ENSG00000238262	0	NA	NA	NA	NA	NTM-IT
NA	ENSG00000238263	0	NA	NA	NA	NA	RPL21P88
378828	ENSG00000238265	0	NA	NA	NA	NA	LINC00317
100507127	ENSG00000238266	0	NA	NA	NA	NA	LINC00707

	NA	ENSG00000238267	0	NA	NA	NA	NA	
389860	NA	ENSG00000238269	0.71382643	0.04207633	0.38737816	0.34103579	NA	PAGE2B
	NA	ENSG00000238270	0	NA	NA	NA	NA	
	NA	ENSG00000238271	0	NA	NA	NA	NA	IFNWP19
	NA	ENSG00000238272	0.5362551	0.01409624	0.3829448	0.73472721	NA	
	NA	ENSG00000238273	1.12549489	-0.00420257	0.38046707	0.94196743	NA	
	NA	ENSG00000238275	0.32242132	-0.02325366	0.38531861	0.66964731	NA	HOMER2P2
101927760	NA	ENSG00000238276	0	NA	NA	NA	NA	
	NA	ENSG00000238277	0	NA	NA	NA	NA	
	NA	ENSG00000238278	0.173124	-0.01911262	0.38486262	0.84537521	NA	ALG1L6P
	NA	ENSG00000238279	0.32342885	0.00169013	0.38337158	0.9649011	NA	
	NA	ENSG00000238280	0	NA	NA	NA	NA	
	NA	ENSG00000238282	0	NA	NA	NA	NA	
	NA	ENSG00000238283	2.42735823	0.09568946	0.39427019	0.23367914	NA	TBC1D3P1
101928795	NA	ENSG00000238284	0	NA	NA	NA	NA	LINC01448
	NA	ENSG00000238285	0	NA	NA	NA	NA	MRPL50P2
	NA	ENSG00000238286	13.8528339	-0.18280653	0.36849217	0.32263142	0.55024563	SLC35E1P1
	NA	ENSG00000238287	7.25103966	-0.08081278	0.36232217	0.57339833	0.7729263	
	NA	ENSG00000238288	0	NA	NA	NA	NA	MTND3P23
	NA	ENSG00000238290	0.85269472	0.0186067	0.38063616	0.75907407	NA	
	NA	ENSG00000238291	0	NA	NA	NA	NA	
	NA	ENSG00000238295	0	NA	NA	NA	NA	
	NA	ENSG00000238297	0.32364473	0.00020608	0.38336246	0.97830245	NA	
101340252	NA	ENSG00000238300	0	NA	NA	NA	NA	SNORD121B
	NA	ENSG00000238302	0	NA	NA	NA	NA	RNU7-120P
	NA	ENSG00000238304	0	NA	NA	NA	NA	RNU7-50P
109617020	NA	ENSG00000238311	0	NA	NA	NA	NA	SNORD13E
	NA	ENSG00000238316	0	NA	NA	NA	NA	
692058	NA	ENSG00000238317	0	NA	NA	NA	NA	SNORD11
	NA	ENSG00000238324	0	NA	NA	NA	NA	RN7SKP198
	NA	ENSG00000238326	0	NA	NA	NA	NA	
	NA	ENSG00000238344	0	NA	NA	NA	NA	SNORD126
	NA	ENSG00000238357	0	NA	NA	NA	NA	RNU7-148P
	NA	ENSG00000238358	1.3120235	0.00696695	0.37997588	0.91023544	NA	
654322	NA	ENSG00000238363	0	NA	NA	NA	NA	SNORA13
	NA	ENSG00000238364	0	NA	NA	NA	NA	RNU7-140P
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100302164	ENSG00000238367	0	NA	NA	NA	NA	MIR2113
	NA	ENSG00000238370	0	NA	NA	NA	RNU7-103P
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	NA	ENSG00000238374	0	NA	NA	NA	RNU7-180P
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	NA	ENSG00000238380	0	NA	NA	NA	RNU7-165P
	NA	ENSG00000238382	0	NA	NA	NA	RNU6-1211P
	NA	ENSG00000238386	0	NA	NA	NA	RNU7-48P
	NA	ENSG00000238387	0	NA	NA	NA	
	NA	ENSG00000238390	0.69279532	0.04042056	0.38716323	0.35588535	NA
	NA	ENSG00000238391	0	NA	NA	NA	RNA5SP233
100302225	ENSG00000238399	0	NA	NA	NA	NA	MIR2053
	NA	ENSG00000238405	0.52119901	0.02576573	0.38568143	0.51723676	RNA5SP311
	NA	ENSG00000238406	0	NA	NA	NA	RNU7-171P
	NA	ENSG00000238410	0	NA	NA	NA	
	NA	ENSG00000238417	0	NA	NA	NA	RNU7-63P
	NA	ENSG00000238419	0	NA	NA	NA	RNU7-186P
	NA	ENSG00000238420	0	NA	NA	NA	RNU6-437P
26808	ENSG00000238423	0	NA	NA	NA	NA	SNORD42B
	NA	ENSG00000238426	0	NA	NA	NA	
	NA	ENSG00000238427	0	NA	NA	NA	RNU7-136P
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	NA	ENSG00000238440	0	NA	NA	NA	
	NA	ENSG00000238441	0	NA	NA	NA	RNU7-130P
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	NA	ENSG00000238444	0	NA	NA	NA	RNU6-893P
	NA	ENSG00000238446	0	NA	NA	NA	RNU7-38P
	NA	ENSG00000238447	0	NA	NA	NA	RNU7-134P
	NA	ENSG00000238452	0	NA	NA	NA	RNU7-144P
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	NA	ENSG00000238478	0	NA	NA	NA	RNU6-498P
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100302179	ENSG00000238517	0	NA	NA	NA	NA	MIR1270
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NA	ENSG00000238570	0	NA	NA	NA	NA	
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26773	ENSG00000238578	0	NA	NA	NA	NA	SNORD4A
NA	ENSG00000238584	0	NA	NA	NA	NA	RNU7-167P
NA	ENSG00000238585	0	NA	NA	NA	NA	
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26772	ENSG00000238597	0	NA	NA	NA	NA	SNORD4B
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NA	ENSG00000238616	0	NA	NA	NA	NA	RNU6-300P
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692223	ENSG00000238622	0	NA	NA	NA	NA	SNORD97
NA	ENSG00000238627	0	NA	NA	NA	NA	RNA5SP489
NA	ENSG00000238628	0	NA	NA	NA	NA	
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NA	ENSG00000238645	0	NA	NA	NA	NA	
26809	ENSG00000238649	0	NA	NA	NA	NA	SNORD42A
26795	ENSG00000238650	0	NA	NA	NA	NA	SNORD54
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	NA	ENSG00000238694	0	NA	NA	NA	NA	
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	NA	ENSG00000238698	0	NA	NA	NA	NA	RNU7-147P
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100302190	NA	ENSG00000238705	0	NA	NA	NA	NA	MIR1976
	NA	ENSG00000238707	0	NA	NA	NA	NA	
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	NA	ENSG00000238719	0	NA	NA	NA	NA	RNU7-96P
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100302243	NA	ENSG00000238728	0	NA	NA	NA	NA	MIR1972-1
	NA	ENSG00000238730	0	NA	NA	NA	NA	RNU7-164P
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	NA	ENSG00000238735	0	NA	NA	NA	NA	RNU7-113P
677767	NA	ENSG00000238741	0.56023453	0.01294463	0.38331863	0.73456001	NA	SCARNA7
	NA	ENSG00000238745	0	NA	NA	NA	NA	
	NA	ENSG00000238750	0	NA	NA	NA	NA	RNU7-27P
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	NA	ENSG00000238788	0	NA	NA	NA	NA	RNU7-182P
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677765	ENSG00000238835	0	NA	NA	NA	NA	SCARNA18
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100113379	ENSG00000238886	0	NA	NA	NA	NA	SNORD121A
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NA	ENSG00000238917	0	NA	NA	NA	NA	SNORD10
100147744	ENSG00000238923	0	NA	NA	NA	NA	RNU7-1
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	NA	ENSG00000238943	0	NA	NA	NA	
	NA	ENSG00000238949	0	NA	NA	NA	RNU7-66P
	NA	ENSG00000238950	0	NA	NA	NA	RNU7-173P
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677828	ENSG00000238961	0	NA	NA	NA	NA	SNORA47
	NA	ENSG00000238962	0	NA	NA	NA	RNU7-176P
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	NA	ENSG00000238964	0	NA	NA	NA	RNU7-125P
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692148	ENSG00000239002	1.61217309	0.00945679	0.37776892	0.89889179	NA	SCARNA10
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338427	ENSG00000239014	0	NA	NA	NA	NA	SNORD108
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	NA	ENSG00000239035	0	NA	NA	NA	SNORD13D
692084	ENSG00000239039	0	NA	NA	NA	NA	SNORD13
	NA	ENSG00000239040	0	NA	NA	NA	
	NA	ENSG00000239041	0	NA	NA	NA	
	NA	ENSG00000239043	0	NA	NA	NA	SNORD127
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	NA	ENSG00000239075	0	NA	NA	NA	RNU6-274P
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NA	ENSG00000239099	0	NA	NA	NA	NA	RNU7-23P
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NA	ENSG00000239108	0	NA	NA	NA	NA	RNU6-1132P
NA	ENSG00000239112	0	NA	NA	NA	NA	SNORD123
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100113380	ENSG00000239127	0	NA	NA	NA	NA	SNORD125
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677882	ENSG00000239149	0	NA	NA	NA	NA	SNORA59A
677885	ENSG00000239149	0	NA	NA	NA	NA	SNORA59A
NA	ENSG00000239151	0	NA	NA	NA	NA	RNU7-195P
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100124534	ENSG00000239183	0	NA	NA	NA	NA	SNORA84
NA	ENSG00000239184	0	NA	NA	NA	NA	RNA5SP269
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692072	ENSG00000239195	0	NA	NA	NA	NA	SNORD5
NA	ENSG00000239197	0	NA	NA	NA	NA	
NA	ENSG00000239198	0	NA	NA	NA	NA	RPL5P22
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	NA	ENSG00000239200	0	NA	NA	NA	NA	RPL22P20
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	NA	ENSG00000239202	0	NA	NA	NA	NA	RN7SL499P
	NA	ENSG00000239203	0	NA	NA	NA	NA	
101928405	NA	ENSG00000239205	0	NA	NA	NA	NA	LINC02023
	NA	ENSG00000239207	0	NA	NA	NA	NA	GAPDHP39
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	NA	ENSG00000239211	0	NA	NA	NA	NA	RN7SL563P
	NA	ENSG00000239212	0	NA	NA	NA	NA	RPL6P7
	NA	ENSG00000239213	53.9780506	0.21185472	0.26824152	0.29117884	0.51728046	NCK1-DT
	NA	ENSG00000239215	0	NA	NA	NA	NA	RPL27P12
	NA	ENSG00000239216	0	NA	NA	NA	NA	
	NA	ENSG00000239218	13.457439	-0.06893055	0.3556311	0.63364444	0.81500848	RPS20P22
100128164	NA	ENSG00000239219	7.3902429	0.05139009	0.35520709	0.72402095	0.86795018	
	NA	ENSG00000239221	0	NA	NA	NA	NA	RN7SL442P
	NA	ENSG00000239223	0	NA	NA	NA	NA	RPL34P31
	NA	ENSG00000239224	0	NA	NA	NA	NA	RN7SL546P
	NA	ENSG00000239226	0	NA	NA	NA	NA	MRPS17P3
	NA	ENSG00000239227	0	NA	NA	NA	NA	
	NA	ENSG00000239228	0	NA	NA	NA	NA	RN7SL578P
	NA	ENSG00000239238	0	NA	NA	NA	NA	MEMO1P3
	NA	ENSG00000239246	0.53095919	0.03943374	0.38681326	0.416676	NA	
	NA	ENSG00000239247	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SL589P
	NA	ENSG00000239249	0	NA	NA	NA	NA	RN7SL757P
	NA	ENSG00000239250	0	NA	NA	NA	NA	RN7SL271P
	NA	ENSG00000239253	0	NA	NA	NA	NA	RPS4XP23
	NA	ENSG00000239254	6.09665971	0.21109173	0.4325708	0.15307569	0.33785979	
	NA	ENSG00000239255	0	NA	NA	NA	NA	
	NA	ENSG00000239256	0	NA	NA	NA	NA	RPL35AP35
	NA	ENSG00000239257	0.34045952	-0.00015022	0.38336223	0.96667657	NA	RPL23AP1
	NA	ENSG00000239261	0	NA	NA	NA	NA	RPL31P41
	NA	ENSG00000239263	0	NA	NA	NA	NA	RBM43P1
81567	NA	ENSG00000239264	2538.04464	-0.08277948	0.06110332	0.16781228	0.35875832	TXNDC5
	NA	ENSG00000239265	0.51555354	0.0158725	0.38315621	0.73086514	NA	CLRN1-AS1
	NA	ENSG00000239268	136.79713	0.37098896	0.20589435	0.03564618	0.11493909	
	NA	ENSG00000239269	0.30001544	-0.02294458	0.38527538	0.68644902	NA	RPSAP4
	NA	ENSG00000239272	1.40304329	0.0704382	0.39079272	0.21571302	NA	RPL21P10
	NA	ENSG00000239279	0	NA	NA	NA	NA	RN7SL184P

NA	ENSG00000239280	2.07702161	-0.04519967	0.37882783	0.59407485	NA	
NA	ENSG00000239281	0	NA	NA	NA	NA	RPS29P2
652968	ENSG00000239282	105.329442	0.41282126	0.252259	0.04134209	0.1286227	CASTOR1
NA	ENSG00000239288	0	NA	NA	NA	NA	
NA	ENSG00000239291	4.13392399	-0.04449797	0.3690271	0.69695006	0.85375952	
NA	ENSG00000239293	0	NA	NA	NA	NA	OR9PIP
NA	ENSG00000239300	0.49682398	-0.01008772	0.38283183	0.8297923	NA	
NA	ENSG00000239304	0	NA	NA	NA	NA	DNM1P48
7844	ENSG00000239305	442.605831	-0.21872414	0.12034779	0.05468578	0.15944542	RNF103
10432	ENSG00000239306	1885.92551	-0.11177867	0.09262181	0.21274197	0.42262948	RBM14
NA	ENSG00000239311	0	NA	NA	NA	NA	
100506506	ENSG00000239314	0	NA	NA	NA	NA	MORC1-AS1
NA	ENSG00000239315	0	NA	NA	NA	NA	RPL19P13
NA	ENSG00000239316	0	NA	NA	NA	NA	RN7SL11P
NA	ENSG00000239317	0.31689549	0.0012908	0.38336791	0.96548565	NA	RPL35AP17
NA	ENSG00000239319	0	NA	NA	NA	NA	RN7SL854P
NA	ENSG00000239320	0	NA	NA	NA	NA	RPS29P26
NA	ENSG00000239322	2.15511864	-0.03809474	0.37582313	0.6772807	NA	ATP6V1B1-AS1
NA	ENSG00000239323	0	NA	NA	NA	NA	
NA	ENSG00000239327	0	NA	NA	NA	NA	
100134259	ENSG00000239332	5.03219289	0.04103122	0.36236909	0.7510988	0.88312198	LINC01119
NA	ENSG00000239333	0	NA	NA	NA	NA	RN7SL658P
103625681	ENSG00000239335	18.6282023	-0.00346132	0.30973256	0.9831392	0.99428951	LLPH-DT
NA	ENSG00000239344	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000239345	0.18922458	0.01954053	0.38488496	0.78225479	NA	HNRNPA1P26
NA	ENSG00000239350	0	NA	NA	NA	NA	
NA	ENSG00000239351	1.38763216	0.06395256	0.3860153	0.37283881	NA	NPM1P29
NA	ENSG00000239354	0	NA	NA	NA	NA	RPS17P15
NA	ENSG00000239356	0	NA	NA	NA	NA	RN7SL309P
NA	ENSG00000239365	0.49219313	-0.00738626	0.38270957	0.85809656	NA	RPS26P49
NA	ENSG00000239367	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL477P
NA	ENSG00000239374	0.35711207	0.02382016	0.38538154	0.61379948	NA	
NA	ENSG00000239377	1.39907393	-0.02445558	0.38002689	0.71621961	NA	ZNF775-AS1
NA	ENSG00000239381	0	NA	NA	NA	NA	
84964	ENSG00000239382	217.518431	0.01336145	0.17527372	0.93318608	0.97202552	ALKBH6
NA	ENSG00000239383	0	NA	NA	NA	NA	
142686	ENSG00000239388	35.5841845	0.17785231	0.29712806	0.38037388	0.60938451	ASB14
56136	ENSG00000239389	2.51734984	0.039748	0.37717638	0.65321964	NA	PCDHA13

NA	ENSG00000239390	0	NA	NA	NA	NA	RN7SL87P
NA	ENSG00000239392	0	NA	NA	NA	NA	
NA	ENSG00000239393	0	NA	NA	NA	NA	
NA	ENSG00000239395	0	NA	NA	NA	NA	
NA	ENSG00000239396	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RN7SL414P
NA	ENSG00000239397	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000239398	0	NA	NA	NA	NA	RN7SL342P
NA	ENSG00000239402	0	NA	NA	NA	NA	CYP4F62P
NA	ENSG00000239405	7.81606316	0.16106206	0.39222012	0.2910188	0.51708875	TMED10P2
NA	ENSG00000239407	63.1436241	0.10313789	0.25454044	0.59330948	0.78711401	
NA	ENSG00000239408	0	NA	NA	NA	NA	
NA	ENSG00000239412	0	NA	NA	NA	NA	RPL21P71
NA	ENSG00000239413	0	NA	NA	NA	NA	RPS27P23
NA	ENSG00000239415	80.9389625	0.40359985	0.25403286	0.04696192	0.14179583	
NA	ENSG00000239419	2.38433716	-0.12334763	0.40509199	0.14904091	NA	RN7SL535P
NA	ENSG00000239426	0	NA	NA	NA	NA	OR8F1P
NA	ENSG00000239428	0	NA	NA	NA	NA	GM2AP2
NA	ENSG00000239432	0	NA	NA	NA	NA	
NA	ENSG00000239435	0	NA	NA	NA	NA	KCNMB3P1
NA	ENSG00000239437	0	NA	NA	NA	NA	RN7SL752P
NA	ENSG00000239438	0	NA	NA	NA	NA	RPS26P48
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105377180	ENSG00000239440	0	NA	NA	NA	NA	LINC02008
NA	ENSG00000239443	0	NA	NA	NA	NA	PABPC1P10
NA	ENSG00000239445	129.104433	-0.46785598	0.22915734	0.0147981	0.05704184	ST3GAL6-AS1
NA	ENSG00000239446	0	NA	NA	NA	NA	
NA	ENSG00000239453	0	NA	NA	NA	NA	SIDT1-AS1
101927346	ENSG00000239454	0	NA	NA	NA	NA	LINC02047
NA	ENSG00000239455	0	NA	NA	NA	NA	
NA	ENSG00000239462	0.34701395	0.00065949	0.38336324	0.96221916	NA	
NA	ENSG00000239464	0	NA	NA	NA	NA	RN7SL691P
NA	ENSG00000239465	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000239466	0	NA	NA	NA	NA	RN7SL552P
285141	ENSG00000239467	16.7966681	0.0314276	0.3233853	0.86074579	0.93799827	
NA	ENSG00000239468	0	NA	NA	NA	NA	RN7SL569P
NA	ENSG00000239470	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000239471	0	NA	NA	NA	NA	RN7SL584P
NA	ENSG00000239472	0.86048849	-0.00650012	0.38070038	0.90887641	NA	RN7SL221P

NA	ENSG00000239473	0	NA	NA	NA	NA	RPL7P38
10324	ENSG00000239474	3.97752872	0.02817452	0.36678135	0.80850437	0.91317199	KLHL41
NA	ENSG00000239480	0.82135821	0.02841696	0.38428426	0.52226522	NA	
NA	ENSG00000239481	0	NA	NA	NA	NA	RPS3AP41
105374042	ENSG00000239482	2.13373635	0.0359012	0.37912043	0.64733772	NA	
NA	ENSG00000239483	0.7644063	-0.02907357	0.38363724	0.56378993	NA	RPS15AP16
NA	ENSG00000239486	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000239490	0	NA	NA	NA	NA	RPS4XP18
NA	ENSG00000239494	2.78903515	0.00750213	0.37041766	0.94256936	0.97632745	RN7SL333P
NA	ENSG00000239498	0	NA	NA	NA	NA	
NA	ENSG00000239503	0	NA	NA	NA	NA	MARK2P8
NA	ENSG00000239504	0	NA	NA	NA	NA	RN7SL583P
NA	ENSG00000239508	0	NA	NA	NA	NA	PLCH1-AS1
NA	ENSG00000239510	0	NA	NA	NA	NA	RPL9P5
NA	ENSG00000239511	5.67731794	0.14896605	0.39807973	0.26400008	0.48609939	POM121L7P
100507274	ENSG00000239513	2.542954	-0.14740018	0.42170595	0.04766689	NA	LINC01210
NA	ENSG00000239516	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FLYWCH1P1
NA	ENSG00000239517	0	NA	NA	NA	NA	
NA	ENSG00000239519	0.67506566	0.02756517	0.38381363	0.56968972	NA	CADM2-AS1
352954	ENSG00000239521	803.206752	0.44576384	0.11315585	3.73E-05	0.00031576	CASTOR3
100506826	ENSG00000239523	35.9019045	0.26015172	0.32320082	0.22250278	0.43547944	MYLK-AS1
NA	ENSG00000239524	0.98194191	-0.02136283	0.38104456	0.72173326	NA	RPL32P34
NA	ENSG00000239525	0	NA	NA	NA	NA	RPL30P5
NA	ENSG00000239527	0	NA	NA	NA	NA	RPS23P7
NA	ENSG00000239528	0.3420718	0.00301965	0.3833918	0.95885486	NA	RPS14P8
NA	ENSG00000239532	0	NA	NA	NA	NA	
84559	ENSG00000239533	0	NA	NA	NA	NA	GOLGA2P2Y
401634	ENSG00000239533	0	NA	NA	NA	NA	GOLGA2P2Y
NA	ENSG00000239539	0	NA	NA	NA	NA	HMG1P20
NA	ENSG00000239542	0	NA	NA	NA	NA	RN7SL399P
NA	ENSG00000239544	0	NA	NA	NA	NA	
NA	ENSG00000239545	0	NA	NA	NA	NA	RN7SL822P
NA	ENSG00000239547	0	NA	NA	NA	NA	RN7SL843P
NA	ENSG00000239552	0	NA	NA	NA	NA	HOXB-AS2
NA	ENSG00000239553	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL12P
NA	ENSG00000239555	0	NA	NA	NA	NA	RN7SL841P
NA	ENSG00000239556	6.08389828	-0.05623051	0.36991216	0.63237653	0.81401092	
NA	ENSG00000239557	2.4621807	0.0981666	0.3909646	0.29722499	NA	PPP2R5CP

NA	ENSG00000239559	0	NA	NA	NA	NA	RPL37P2
NA	ENSG00000239560	0	NA	NA	NA	NA	RN7SL479P
NA	ENSG00000239568	0	NA	NA	NA	NA	
NA	ENSG00000239569	17.6487347	0.08963708	0.32366974	0.62800764	0.81117654	KMT2E-AS1
NA	ENSG00000239570	0	NA	NA	NA	NA	SETP11
NA	ENSG00000239571	0	NA	NA	NA	NA	IGKV2D-30
NA	ENSG00000239572	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000239576	0	NA	NA	NA	NA	COX6CP14
NA	ENSG00000239577	0	NA	NA	NA	NA	RN7SL388P
NA	ENSG00000239579	0	NA	NA	NA	NA	RN7SL325P
NA	ENSG00000239580	0	NA	NA	NA	NA	RN7SL675P
NA	ENSG00000239586	0	NA	NA	NA	NA	MTND1P16
255025	ENSG00000239589	0	NA	NA	NA	NA	LINC00879
26219	ENSG00000239590	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR1J4
NA	ENSG00000239593	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000239595	0	NA	NA	NA	NA	RN7SL79P
NA	ENSG00000239600	0	NA	NA	NA	NA	
NA	ENSG00000239602	0	NA	NA	NA	NA	RPL35AP16
285051	ENSG00000239605	3.76155596	-0.10137664	0.38579827	0.35999508	0.58993165	STPG4
NA	ENSG00000239607	0	NA	NA	NA	NA	RN7SL573P
100874089	ENSG00000239608	1.17782538	-0.03003026	0.38129944	0.63451626	NA	RUVBL1-AS1
NA	ENSG00000239614	0.34201251	0.00299815	0.38339137	0.95906061	NA	HMG1P7
NA	ENSG00000239615	0	NA	NA	NA	NA	
NA	ENSG00000239617	1.72725617	0.10707147	0.40142256	0.1121512	NA	RPL32P27
100419008	ENSG00000239620	0.63602631	0.00174719	0.38250476	0.96575037	NA	PRR20G
NA	ENSG00000239622	0	NA	NA	NA	NA	
NA	ENSG00000239625	0	NA	NA	NA	NA	RN7SL241P
NA	ENSG00000239626	23.8591925	0.0440627	0.30138673	0.81662064	0.9166503	RPSAP41
NA	ENSG00000239627	0	NA	NA	NA	NA	RPL12P20
NA	ENSG00000239628	0	NA	NA	NA	NA	
NA	ENSG00000239632	0	NA	NA	NA	NA	MTND4LP3
NA	ENSG00000239636	4.29877089	0.15148685	0.41032254	0.17276679	0.36566523	TFAP2E-AS1
NA	ENSG00000239640	0	NA	NA	NA	NA	RN7SL62P
NA	ENSG00000239641	0	NA	NA	NA	NA	PLS1-AS1
728637	ENSG00000239642	0	NA	NA	NA	NA	MEIKIN
NA	ENSG00000239648	0	NA	NA	NA	NA	MTND1P3
151325	ENSG00000239649	0	NA	NA	NA	NA	MYADML
NA	ENSG00000239650	5.61158226	0.29581056	0.53117541	0.04236242	0.13122678	GUSBP4

100507062	ENSG00000239653	31.546738	-0.16887495	0.30541437	0.40000515	0.62850258	PSMD6-AS2
NA	ENSG00000239659	0	NA	NA	NA	NA	RPL9P31
NA	ENSG00000239661	0	NA	NA	NA	NA	
NA	ENSG00000239665	409.26862	-0.3410066	0.19425967	0.04305984	0.13277051	
NA	ENSG00000239670	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000239671	0	NA	NA	NA	NA	
4830	ENSG00000239672	3288.6129	-0.22409917	0.06984724	0.00108009	0.00630636	NME1
NA	ENSG00000239674	0	NA	NA	NA	NA	
NA	ENSG00000239677	0	NA	NA	NA	NA	PDZRN3-AS1
NA	ENSG00000239679	0	NA	NA	NA	NA	RN7SL193P
NA	ENSG00000239683	0	NA	NA	NA	NA	
NA	ENSG00000239684	0.18922458	0.01954053	0.38488496	0.78225479	NA	PTGER4P3
NA	ENSG00000239686	0	NA	NA	NA	NA	
NA	ENSG00000239689	0	NA	NA	NA	NA	RPL17P46
NA	ENSG00000239690	0	NA	NA	NA	NA	RN7SL668P
NA	ENSG00000239694	0	NA	NA	NA	NA	RPSAP38
NA	ENSG00000239696	0	NA	NA	NA	NA	
8742	ENSG00000239697	220.015382	0.16674822	0.18406345	0.30233511	0.52984087	TNFSF12
NA	ENSG00000239699	0	NA	NA	NA	NA	HNRNPA3P8
NA	ENSG00000239701	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000239702	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL507P
NA	ENSG00000239703	0	NA	NA	NA	NA	RN7SL568P
284040	ENSG00000239704	13.1188106	0.24334576	0.41682359	0.19439749	0.39740816	CDRT4
NA	ENSG00000239705	0.95750421	0.00515097	0.38009023	0.93218517	NA	
NA	ENSG00000239706	0.32394902	-0.023274	0.38532149	0.66853662	NA	
NA	ENSG00000239708	0	NA	NA	NA	NA	RN7SL782P
NA	ENSG00000239710	0	NA	NA	NA	NA	RN7SL692P
60489	ENSG00000239713	3.61423779	0.01841063	0.3701493	0.86110974	0.93812292	APOBEC3G
105375115	ENSG00000239715	0	NA	NA	NA	NA	
NA	ENSG00000239716	0	NA	NA	NA	NA	
100873945	ENSG00000239718	0	NA	NA	NA	NA	HLTF-AS1
NA	ENSG00000239719	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000239722	0	NA	NA	NA	NA	IMP3P2
NA	ENSG00000239726	0	NA	NA	NA	NA	RN7SL688P
NA	ENSG00000239731	0	NA	NA	NA	NA	RN7SL825P
54106	ENSG00000239732	0	NA	NA	NA	NA	TLR9
NA	ENSG00000239736	0	NA	NA	NA	NA	CEACAMP3
NA	ENSG00000239739	0	NA	NA	NA	NA	

NA	ENSG00000239742	0	NA	NA	NA	NA	RN7SL672P
NA	ENSG00000239744	0	NA	NA	NA	NA	RN7SL63P
NA	ENSG00000239745	0	NA	NA	NA	NA	RN7SL790P
NA	ENSG00000239748	0	NA	NA	NA	NA	RN7SL795P
NA	ENSG00000239763	19.9280697	-0.02308262	0.31528714	0.89628065	0.95469109	
NA	ENSG00000239767	0	NA	NA	NA	NA	
NA	ENSG00000239774	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000239775	6.6495477	-0.11146588	0.38452895	0.36784327	0.59716966	
23559	ENSG00000239779	1710.69197	0.25687071	0.08001168	0.00100903	0.00595277	WBP1
NA	ENSG00000239780	0	NA	NA	NA	NA	RPLP0P11
NA	ENSG00000239783	0	NA	NA	NA	NA	
51373	ENSG00000239789	335.738451	-0.2107316	0.13180279	0.08778659	0.22632101	MRPS17
NA	ENSG00000239791	11.0718144	-0.28531594	0.4433393	0.14495195	0.32532202	
NA	ENSG00000239792	0	NA	NA	NA	NA	CDRT15P5
NA	ENSG00000239793	0	NA	NA	NA	NA	
NA	ENSG00000239794	0	NA	NA	NA	NA	RN7SL653P
NA	ENSG00000239797	1.51379295	0.02253919	0.37806552	0.7670556	NA	RPL21P39
100873993	ENSG00000239799	0.30139824	-0.02296476	0.38527817	0.68536535	NA	ITIH4-AS1
NA	ENSG00000239801	0	NA	NA	NA	NA	DENND6A-AS1
NA	ENSG00000239804	0.48582451	0.011151	0.38339403	0.78833041	NA	
NA	ENSG00000239805	0	NA	NA	NA	NA	
NA	ENSG00000239808	0	NA	NA	NA	NA	RN7SL255P
NA	ENSG00000239809	0	NA	NA	NA	NA	
440560	ENSG00000239810	0	NA	NA	NA	NA	PRAMEF11
NA	ENSG00000239819	0	NA	NA	NA	NA	IGKV1D-8
NA	ENSG00000239820	0	NA	NA	NA	NA	RN7SL213P
NA	ENSG00000239821	0	NA	NA	NA	NA	RN7SL513P
NA	ENSG00000239822	0	NA	NA	NA	NA	RN7SL754P
NA	ENSG00000239823	0	NA	NA	NA	NA	
NA	ENSG00000239825	0	NA	NA	NA	NA	RN7SL549P
283507	ENSG00000239827	24.6336555	0.14201876	0.31121142	0.47261698	0.69470213	SUGT1P3
NA	ENSG00000239828	3.71907199	-0.06120918	0.37491357	0.56353711	0.76627833	
NA	ENSG00000239829	0	NA	NA	NA	NA	KRT8P25
NA	ENSG00000239830	1.86932454	-0.02567282	0.37845236	0.73156509	NA	RPS4XP22
NA	ENSG00000239831	0	NA	NA	NA	NA	RNF7P1
NA	ENSG00000239835	0	NA	NA	NA	NA	
1668	ENSG00000239839	0	NA	NA	NA	NA	DEFA3
NA	ENSG00000239840	0	NA	NA	NA	NA	RPL23AP72

NA	ENSG00000239855	0	NA	NA	NA	NA	IGKV1-6
NA	ENSG00000239856	0	NA	NA	NA	NA	RN7SL225P
51608	ENSG00000239857	1541.69952	0.10285021	0.08379578	0.20844388	0.41617456	GET4
NA	ENSG00000239861	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000239862	0	NA	NA	NA	NA	IGKV1-37
NA	ENSG00000239868	0	NA	NA	NA	NA	RN7SL34P
NA	ENSG00000239870	0	NA	NA	NA	NA	
NA	ENSG00000239872	0	NA	NA	NA	NA	RPL35AP19
NA	ENSG00000239873	0	NA	NA	NA	NA	GAPDHP27
100506765	ENSG00000239877	0	NA	NA	NA	NA	IGSF11-AS1
NA	ENSG00000239880	0	NA	NA	NA	NA	RALBP1P1
NA	ENSG00000239881	0.68233276	0.0047435	0.38246291	0.91162625	NA	RPS27P25
NA	ENSG00000239883	206.98301	-0.00059295	0.1619633	0.99562505	0.99852582	PARGP1
NA	ENSG00000239884	3.63650027	0.02818664	0.36837509	0.80059473	0.90868418	RN7SL608P
83899	ENSG00000239886	0	NA	NA	NA	NA	KRTAP9-2
400793	ENSG00000239887	368.119693	-1.25712765	0.13915941	1.66E-20	6.38E-19	C1orf226
NA	ENSG00000239888	0	NA	NA	NA	NA	RN7SL792P
NA	ENSG00000239893	0	NA	NA	NA	NA	ZNF736P9Y
NA	ENSG00000239899	5.64045553	0.05747984	0.36427169	0.66167115	0.83254412	RN7SL674P
158	ENSG00000239900	1098.39997	-0.03903469	0.08980887	0.6490855	0.82497477	ADSL
NA	ENSG00000239906	0	NA	NA	NA	NA	
NA	ENSG00000239908	0.83242365	0.01506393	0.38113148	0.78889662	NA	RN7SL75P
NA	ENSG00000239910	0	NA	NA	NA	NA	RN7SL530P
NA	ENSG00000239911	109.508303	0.23440236	0.21850096	0.19722119	0.40121304	PRKAG2-AS1
NA	ENSG00000239912	0	NA	NA	NA	NA	RPL39P36
NA	ENSG00000239917	0	NA	NA	NA	NA	RPS10P16
NA	ENSG00000239919	0	NA	NA	NA	NA	SNRPGP3
NA	ENSG00000239920	0.173124	-0.01911262	0.38486262	0.84537521	NA	
101927149	ENSG00000239921	0.59677744	0.02820697	0.3843295	0.56193963	NA	LINC01471
NA	ENSG00000239922	0	NA	NA	NA	NA	
NA	ENSG00000239923	0	NA	NA	NA	NA	RN7SL864P
NA	ENSG00000239924	0	NA	NA	NA	NA	RPL29P22
NA	ENSG00000239926	0.173124	-0.01911262	0.38486262	0.84537521	NA	PRDX3P4
101930094	ENSG00000239930	0	NA	NA	NA	NA	
NA	ENSG00000239932	0	NA	NA	NA	NA	RN7SL606P
NA	ENSG00000239939	0	NA	NA	NA	NA	RPSAP34
NA	ENSG00000239941	0.85347894	0.01943221	0.38069839	0.74883163	NA	
NA	ENSG00000239942	0	NA	NA	NA	NA	RN7SL394P

NA	ENSG00000239944	0	NA	NA	NA	NA	TRBV8-2
NA	ENSG00000239945	8.34357457	0.05409071	0.3675038	0.66153828	0.83248253	
NA	ENSG00000239946	0	NA	NA	NA	NA	ZBTB20-AS3
NA	ENSG00000239948	0.62355113	-0.01560401	0.38333556	0.71745485	NA	RN7SL368P
NA	ENSG00000239951	0	NA	NA	NA	NA	IGKV3-20
NA	ENSG00000239953	0	NA	NA	NA	NA	RN7SL273P
NA	ENSG00000239958	0	NA	NA	NA	NA	RN7SL51P
NA	ENSG00000239959	3.27301596	0.0366699	0.37312988	0.71691928	0.8637162	ENPP7P2
23547	ENSG00000239961	0	NA	NA	NA	NA	LILRA4
NA	ENSG00000239964	0	NA	NA	NA	NA	RN7SL748P
NA	ENSG00000239967	0	NA	NA	NA	NA	OR2A41P
NA	ENSG00000239969	13.7319665	-0.00526505	0.33648677	0.97222198	0.98958828	
NA	ENSG00000239975	0	NA	NA	NA	NA	IGKV1D-33
NA	ENSG00000239978	0	NA	NA	NA	NA	OR7E53P
NA	ENSG00000239981	0	NA	NA	NA	NA	OR2A15P
NA	ENSG00000239983	0	NA	NA	NA	NA	
NA	ENSG00000239984	0	NA	NA	NA	NA	RN7SL420P
NA	ENSG00000239985	0	NA	NA	NA	NA	
NA	ENSG00000239986	0	NA	NA	NA	NA	
NA	ENSG00000239988	0	NA	NA	NA	NA	RPL31P60
NA	ENSG00000239989	0	NA	NA	NA	NA	
NA	ENSG00000239991	0	NA	NA	NA	NA	
NA	ENSG00000239992	0	NA	NA	NA	NA	TRBVA
NA	ENSG00000239994	0	NA	NA	NA	NA	
NA	ENSG00000239995	0	NA	NA	NA	NA	TPT1P11
NA	ENSG00000239997	0	NA	NA	NA	NA	FCF1P3
11027	ENSG00000239998	0.173733	0.01914545	0.38484597	0.78225479	NA	LILRA2
NA	ENSG00000240002	0	NA	NA	NA	NA	YBX1P3
NA	ENSG00000240003	1.24253479	-0.03295744	0.38268711	0.57033357	NA	RPL7P24
NA	ENSG00000240005	0.35796543	0.0238263	0.3853825	0.61336921	NA	STIM2-AS1
105374119	ENSG00000240006	0	NA	NA	NA	NA	LINC02004
100885796	ENSG00000240012	0	NA	NA	NA	NA	SLC9A9-AS1
NA	ENSG00000240014	0	NA	NA	NA	NA	RN7SL254P
NA	ENSG00000240015	0	NA	NA	NA	NA	
84066	ENSG00000240021	0.88437313	0.0638908	0.39109748	0.20623483	NA	TEX35
NA	ENSG00000240023	0.173733	0.01914545	0.38484597	0.78225479	NA	
100505687	ENSG00000240024	210.388763	-0.16573133	0.16440657	0.26348707	0.48542909	LINC00888
NA	ENSG00000240027	0	NA	NA	NA	NA	

	NA	ENSG00000240031	0.55209779	0.00467012	0.38285316	0.85467697	NA	OR9A3P
109729161		ENSG00000240032	0	NA	NA	NA	NA	LNC SRLR
	NA	ENSG00000240033	0	NA	NA	NA	NA	
	NA	ENSG00000240034	0	NA	NA	NA	NA	MTND6P6
	NA	ENSG00000240036	0.64820628	-0.02351395	0.38275403	0.64824047	NA	
280		ENSG00000240038	22.9826656	0.65449508	0.60929105	0.02855439	0.09659318	AMY2B
	NA	ENSG00000240040	0	NA	NA	NA	NA	
	NA	ENSG00000240041	0	NA	NA	NA	NA	IGHJ4
	NA	ENSG00000240043	0	NA	NA	NA	NA	RPS27P26
100507537		ENSG00000240045	0	NA	NA	NA	NA	STRIT1
	NA	ENSG00000240047	0	NA	NA	NA	NA	RPS3AP32
	NA	ENSG00000240048	0	NA	NA	NA	NA	DDX50P2
	NA	ENSG00000240051	2.45142943	-0.09243398	0.39105979	0.28555491	NA	RPL23AP10
	NA	ENSG00000240052	0	NA	NA	NA	NA	
58496		ENSG00000240053	519.450579	0.21246224	0.10897122	0.04158997	0.1293128	LY6G5B
	NA	ENSG00000240056	0	NA	NA	NA	NA	
107986114		ENSG00000240057	21.7554551	0.11379868	0.32542765	0.54401042	0.75203224	
	NA	ENSG00000240058	0	NA	NA	NA	NA	ARGFXP1
	NA	ENSG00000240063	0	NA	NA	NA	NA	
5698		ENSG00000240065	0	NA	NA	NA	NA	PSMB9
	NA	ENSG00000240068	0	NA	NA	NA	NA	RPL21P42
	NA	ENSG00000240069	0.54781602	0.03269594	0.3862131	0.45491284	NA	GPAA1P1
	NA	ENSG00000240074	0	NA	NA	NA	NA	RPL9P30
	NA	ENSG00000240083	0	NA	NA	NA	NA	RPS3AP22
	NA	ENSG00000240084	0	NA	NA	NA	NA	MTND4LP10
	NA	ENSG00000240086	13.9630867	0.03713471	0.3252291	0.83474489	0.92454439	
	NA	ENSG00000240087	0.63904687	-0.01868888	0.38291988	0.68218641	NA	RPSAP12
	NA	ENSG00000240089	0	NA	NA	NA	NA	BMS1P3
	NA	ENSG00000240093	0	NA	NA	NA	NA	
	NA	ENSG00000240095	0	NA	NA	NA	NA	
	NA	ENSG00000240096	4.24289735	0.01980888	0.36474074	0.86928742	0.94304726	
	NA	ENSG00000240097	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000240098	0	NA	NA	NA	NA	RN7SL351P
	NA	ENSG00000240100	0	NA	NA	NA	NA	
	NA	ENSG00000240103	0	NA	NA	NA	NA	
	NA	ENSG00000240106	0	NA	NA	NA	NA	RN7SL146P
	NA	ENSG00000240107	0.173733	0.01914545	0.38484597	0.78225479	NA	
149934		ENSG00000240108	0	NA	NA	NA	NA	NCOR1P1

NA	ENSG00000240116	0	NA	NA	NA	NA	RN7SL303P
NA	ENSG00000240121	0	NA	NA	NA	NA	RPS27P20
NA	ENSG00000240122	0	NA	NA	NA	NA	FABP5P11
NA	ENSG00000240125	0	NA	NA	NA	NA	RPL23AP75
NA	ENSG00000240128	0	NA	NA	NA	NA	KRT18P43
NA	ENSG00000240131	0	NA	NA	NA	NA	
NA	ENSG00000240132	4.16733601	0.04197683	0.36898308	0.71371158	0.86192204	ETF1P2
NA	ENSG00000240135	0	NA	NA	NA	NA	PSMD12P1
101928085	ENSG00000240137	32.5950063	-0.01939064	0.29442735	0.91599873	0.96435405	ERICH6-AS1
NA	ENSG00000240138	0	NA	NA	NA	NA	EEF1GP4
NA	ENSG00000240143	0	NA	NA	NA	NA	
NA	ENSG00000240151	0	NA	NA	NA	NA	RN7SL826P
NA	ENSG00000240152	0	NA	NA	NA	NA	LINC02271
NA	ENSG00000240156	0	NA	NA	NA	NA	COX6CP6
NA	ENSG00000240159	0	NA	NA	NA	NA	
NA	ENSG00000240160	0	NA	NA	NA	NA	RN7SL263P
NA	ENSG00000240163	0	NA	NA	NA	NA	
NA	ENSG00000240167	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPS7P7
NA	ENSG00000240173	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL771P
NA	ENSG00000240174	0	NA	NA	NA	NA	
100873983	ENSG00000240175	0	NA	NA	NA	NA	MAGI1-AS1
NA	ENSG00000240179	0	NA	NA	NA	NA	RPL26P3
NA	ENSG00000240180	2.03518655	-0.10300012	0.40354463	0.05177341	NA	RPL12P28
NA	ENSG00000240183	0	NA	NA	NA	NA	RN7SL297P
5098	ENSG00000240184	2714.30601	-0.31330994	0.07588773	2.45E-05	0.00021539	PCDHGC3
NA	ENSG00000240186	0	NA	NA	NA	NA	RN7SL633P
NA	ENSG00000240189	0	NA	NA	NA	NA	RN7SL621P
643160	ENSG00000240194	0	NA	NA	NA	NA	CYMP
NA	ENSG00000240197	0	NA	NA	NA	NA	
100874200	ENSG00000240198	0	NA	NA	NA	NA	ARHGEF3-AS1
NA	ENSG00000240199	0	NA	NA	NA	NA	RN7SL520P
NA	ENSG00000240201	0	NA	NA	NA	NA	
NA	ENSG00000240202	0	NA	NA	NA	NA	RN7SL223P
NA	ENSG00000240203	0	NA	NA	NA	NA	RN7SL567P
100287482	ENSG00000240204	85.5225187	-0.16647767	0.2682527	0.39734917	0.626413	SMKR1
NA	ENSG00000240205	0	NA	NA	NA	NA	RN7SL865P
NA	ENSG00000240207	42.4562598	-0.07431207	0.26392389	0.69928661	0.85493261	
NA	ENSG00000240210	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000240211	0.52119901	0.02576573	0.38568143	0.51723676	NA	PPP1R35-AS1
NA	ENSG00000240215	0	NA	NA	NA	NA	TRBV25OR9-2
NA	ENSG00000240216	0	NA	NA	NA	NA	CPHL1P
NA	ENSG00000240219	3.24502172	-0.03031244	0.37051879	0.77248577	0.89553101	
147947	ENSG00000240225	445.681829	-0.12502215	0.13145952	0.30989767	0.53772694	ZNF542P
90639	ENSG00000240230	499.060085	0.18686182	0.11812436	0.0958396	0.24163904	COX19
NA	ENSG00000240231	0	NA	NA	NA	NA	RPS27P29
NA	ENSG00000240233	0	NA	NA	NA	NA	RN7SL587P
NA	ENSG00000240235	0	NA	NA	NA	NA	RN7SL794P
NA	ENSG00000240236	0	NA	NA	NA	NA	HNRNPA1P23
NA	ENSG00000240237	0	NA	NA	NA	NA	
NA	ENSG00000240238	0	NA	NA	NA	NA	
NA	ENSG00000240240	28.6513378	-0.4547253	0.45778537	0.06755412	0.18665906	
NA	ENSG00000240241	0	NA	NA	NA	NA	
NA	ENSG00000240244	0.18922458	0.01954053	0.38488496	0.78225479	NA	GAPDHP33
NA	ENSG00000240246	0	NA	NA	NA	NA	RPL32P8
728358	ENSG00000240247	0	NA	NA	NA	NA	DEFA1B
NA	ENSG00000240250	0	NA	NA	NA	NA	RN7SL541P
NA	ENSG00000240253	0.34624801	-0.02356563	0.38536324	0.65270996	NA	FAR2P3
100874201	ENSG00000240254	0	NA	NA	NA	NA	B4GALT4-AS1
NA	ENSG00000240255	0	NA	NA	NA	NA	PSMC1P6
NA	ENSG00000240265	0	NA	NA	NA	NA	
NA	ENSG00000240268	0	NA	NA	NA	NA	MOXD2P
NA	ENSG00000240270	0.46535932	-0.00784021	0.38327212	0.86398724	NA	RPL12P37
NA	ENSG00000240271	0	NA	NA	NA	NA	
146771	ENSG00000240280	0.16735865	0.01897177	0.38482933	0.78225479	NA	TCAM1P
NA	ENSG00000240281	0	NA	NA	NA	NA	
NA	ENSG00000240286	0	NA	NA	NA	NA	MEAF6P1
100126793	ENSG00000240288	14.3611361	0.03438618	0.33235949	0.84123061	0.92789889	GHRLOS
NA	ENSG00000240291	52.6102538	-0.40652856	0.32405858	0.07429827	0.20010202	
NA	ENSG00000240294	0	NA	NA	NA	NA	RN7SKP241
NA	ENSG00000240296	0	NA	NA	NA	NA	
NA	ENSG00000240298	0	NA	NA	NA	NA	RPL36AP40
NA	ENSG00000240299	0.76242405	-0.02290679	0.38372379	0.60919217	NA	RN7SL187P
NA	ENSG00000240302	0.16735865	0.01897177	0.38482933	0.78225479	NA	RN7SL717P
84129	ENSG00000240303	470.339891	-0.00465016	0.17853878	0.97506515	0.99122005	ACAD11
NA	ENSG00000240305	1.03393406	-0.04062566	0.38484077	0.41832135	NA	
NA	ENSG00000240306	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL100P

NA	ENSG00000240309	0	NA	NA	NA	NA	NA	MTCO1P6
NA	ENSG00000240311	0.173733	0.01914545	0.38484597	0.78225479	NA	NA	
NA	ENSG00000240317	0	NA	NA	NA	NA	NA	RN7SL764P
NA	ENSG00000240320	0	NA	NA	NA	NA	NA	RPS29P27
NA	ENSG00000240322	1.97907613	-0.01139389	0.37566269	0.88937613	NA	NA	RN7SL481P
NA	ENSG00000240327	0	NA	NA	NA	NA	NA	RN7SL93P
NA	ENSG00000240328	0	NA	NA	NA	NA	NA	
100506281	ENSG00000240338	0.59739863	0.02154077	0.38409908	0.6299314	NA	NA	
NA	ENSG00000240342	3298.91613	-0.38043798	0.06454655	2.14E-09	3.52E-08	NA	RPS2P5
53938	ENSG00000240344	291.127386	0.14074264	0.15164343	0.31333943	0.54126787	NA	PPIL3
NA	ENSG00000240347	0	NA	NA	NA	NA	NA	RN7SL35P
NA	ENSG00000240350	0	NA	NA	NA	NA	NA	SOCAR
NA	ENSG00000240354	0	NA	NA	NA	NA	NA	
NA	ENSG00000240355	0	NA	NA	NA	NA	NA	
NA	ENSG00000240356	79.2401006	0.07971026	0.22148477	0.66132379	0.8324506	NA	RPL23AP7
NA	ENSG00000240359	0	NA	NA	NA	NA	NA	UBL5P3
NA	ENSG00000240361	0	NA	NA	NA	NA	NA	OR4G11P
NA	ENSG00000240364	0	NA	NA	NA	NA	NA	RPL31P59
NA	ENSG00000240366	0	NA	NA	NA	NA	NA	RPL36AP45
NA	ENSG00000240370	36.3510145	0.06171933	0.27885562	0.75156208	0.88345726	NA	RPL13P5
NA	ENSG00000240371	0	NA	NA	NA	NA	NA	RPS4XP13
NA	ENSG00000240373	0.31855312	0.00146822	0.38336944	0.96301138	NA	NA	SEC62-AS1
NA	ENSG00000240374	0	NA	NA	NA	NA	NA	RN7SL503P
NA	ENSG00000240375	0	NA	NA	NA	NA	NA	VPS26AP1
NA	ENSG00000240376	0	NA	NA	NA	NA	NA	
NA	ENSG00000240382	0	NA	NA	NA	NA	NA	IGKV1-17
NA	ENSG00000240385	0	NA	NA	NA	NA	NA	RPS29P20
353137	ENSG00000240386	0	NA	NA	NA	NA	NA	LCE1F
NA	ENSG00000240388	0	NA	NA	NA	NA	NA	
NA	ENSG00000240392	0	NA	NA	NA	NA	NA	RPL9P3
NA	ENSG00000240393	0	NA	NA	NA	NA	NA	
NA	ENSG00000240395	1.85615202	0.04581932	0.37979461	0.57570009	NA	NA	RPL5P23
NA	ENSG00000240399	17.0152332	-0.0735007	0.33506619	0.67008106	0.83758072	NA	
NA	ENSG00000240401	2.74257315	0.08687932	0.38925121	0.30327764	0.53060216	NA	
3812	ENSG00000240403	0	NA	NA	NA	NA	NA	KIR3DL2
NA	ENSG00000240404	0	NA	NA	NA	NA	NA	
101927152	ENSG00000240405	0	NA	NA	NA	NA	NA	SAMMSON
NA	ENSG00000240409	0.56058375	0.03330415	0.38627742	0.44629885	NA	NA	MTATP8P1

NA	ENSG00000240411	0.45209736	-0.02505403	0.38558831	0.57865948	NA	RPL5P16
NA	ENSG00000240412	0	NA	NA	NA	NA	RPL5P15
NA	ENSG00000240416	0	NA	NA	NA	NA	CYCSP20
NA	ENSG00000240418	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000240419	0	NA	NA	NA	NA	
285205	ENSG00000240423	0	NA	NA	NA	NA	LINC00636
NA	ENSG00000240424	0	NA	NA	NA	NA	
NA	ENSG00000240426	0	NA	NA	NA	NA	
NA	ENSG00000240427	0	NA	NA	NA	NA	RPS26P34
NA	ENSG00000240429	45.7790029	0.06205352	0.25886348	0.74845879	0.88197086	LRRFIP1P1
337960	ENSG00000240432	0	NA	NA	NA	NA	KRTAP13-3
NA	ENSG00000240435	0.84464121	-0.04642205	0.38804808	0.30740735	NA	RPS12P27
NA	ENSG00000240436	0	NA	NA	NA	NA	RPL35AP14
NA	ENSG00000240438	0	NA	NA	NA	NA	OFD1P5Y
NA	ENSG00000240439	0	NA	NA	NA	NA	RN7SL91P
NA	ENSG00000240440	0	NA	NA	NA	NA	
NA	ENSG00000240441	1.74214004	-0.05364309	0.38184256	0.50009962	NA	
NA	ENSG00000240443	0	NA	NA	NA	NA	RPS10P20
2310	ENSG00000240445	889.157601	-0.09242628	0.13161108	0.45329254	0.67649496	FOXO3B
NA	ENSG00000240449	3.69803007	0.09502166	0.38184454	0.4129068	0.64038252	REPIN1-AS1
NA	ENSG00000240452	0	NA	NA	NA	NA	MTCO1P29
NA	ENSG00000240454	0	NA	NA	NA	NA	RPL39P26
NA	ENSG00000240457	0.37844916	0.02407552	0.3854191	0.60038877	NA	RN7SL472P
NA	ENSG00000240458	0	NA	NA	NA	NA	
NA	ENSG00000240459	0	NA	NA	NA	NA	
NA	ENSG00000240463	2.16497719	-0.04583982	0.38102981	0.54896084	NA	RPS19P3
NA	ENSG00000240470	0	NA	NA	NA	NA	RN7SL346P
NA	ENSG00000240471	0	NA	NA	NA	NA	PHBP8
NA	ENSG00000240474	0	NA	NA	NA	NA	RN7SL116P
NA	ENSG00000240476	0.50882641	0.01558652	0.38315182	0.73590994	NA	LINC00973
NA	ENSG00000240477	0	NA	NA	NA	NA	
NA	ENSG00000240478	0	NA	NA	NA	NA	
118432	ENSG00000240480	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL29P2
NA	ENSG00000240481	0	NA	NA	NA	NA	RN7SL38P
NA	ENSG00000240484	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000240486	0	NA	NA	NA	NA	RPL23AP54
NA	ENSG00000240487	0	NA	NA	NA	NA	FAM214BP1
NA	ENSG00000240489	0.16735865	0.01897177	0.38482933	0.78225479	NA	SETP14

NA	ENSG00000240490	0.35723081	0.02382102	0.38538168	0.61373957	NA	RN7SL277P
NA	ENSG00000240494	0	NA	NA	NA	NA	RPS12P28
NA	ENSG00000240497	0.50511069	-0.02994002	0.38594172	0.51869073	NA	
100048912	ENSG00000240498	27.5363887	-0.50333986	0.4773021	0.05263015	0.15480832	CDKN2B-AS1
NA	ENSG00000240499	0	NA	NA	NA	NA	
NA	ENSG00000240502	0	NA	NA	NA	NA	RN7SL837P
23495	ENSG00000240505	0	NA	NA	NA	NA	TNFRSF13B
NA	ENSG00000240509	0	NA	NA	NA	NA	RPL34P18
NA	ENSG00000240511	0	NA	NA	NA	NA	MED28P2
NA	ENSG00000240513	0	NA	NA	NA	NA	
NA	ENSG00000240518	0	NA	NA	NA	NA	
NA	ENSG00000240519	0	NA	NA	NA	NA	
NA	ENSG00000240520	0.38228034	-0.00934365	0.38365699	0.94118365	NA	UOX
NA	ENSG00000240521	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000240522	18.2297726	0.77478047	0.61027992	0.01806601	0.067119	RPL7AP10
NA	ENSG00000240527	0	NA	NA	NA	NA	
NA	ENSG00000240531	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL21P123
NA	ENSG00000240533	0	NA	NA	NA	NA	RN7SL69P
NA	ENSG00000240534	0	NA	NA	NA	NA	RPL34P17
NA	ENSG00000240535	0	NA	NA	NA	NA	
NA	ENSG00000240540	0	NA	NA	NA	NA	RPL3P9
100874091	ENSG00000240541	0	NA	NA	NA	NA	TM4SF1-AS1
728318	ENSG00000240542	0	NA	NA	NA	NA	KRTAP9-1
NA	ENSG00000240545	0	NA	NA	NA	NA	RN7SL492P
100874039	ENSG00000240549	0.173124	-0.01911262	0.38486262	0.84537521	NA	THOC7-AS1
NA	ENSG00000240553	0.30001558	-0.02294458	0.38527538	0.68644893	NA	
NA	ENSG00000240554	0	NA	NA	NA	NA	RPL7AP58
NA	ENSG00000240562	0	NA	NA	NA	NA	
54596	ENSG00000240563	0.16735865	0.01897177	0.38482933	0.78225479	NA	L1TD1
NA	ENSG00000240566	0	NA	NA	NA	NA	
101243545	ENSG00000240567	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02067
NA	ENSG00000240568	0	NA	NA	NA	NA	
NA	ENSG00000240571	0	NA	NA	NA	NA	
NA	ENSG00000240572	0	NA	NA	NA	NA	
NA	ENSG00000240573	0	NA	NA	NA	NA	
NA	ENSG00000240577	0	NA	NA	NA	NA	RN7SL445P
NA	ENSG00000240578	0	NA	NA	NA	NA	TRBV22-1
NA	ENSG00000240579	0.173733	0.01914545	0.38484597	0.78225479	NA	

358	ENSG00000240583	595.92097	-0.34517069	0.12587303	0.00357853	0.01760428	AQP1
NA	ENSG00000240584	0	NA	NA	NA	NA	RN7SL547P
NA	ENSG00000240589	0.47433129	-0.0090593	0.38283958	0.84931289	NA	RN7SL258P
NA	ENSG00000240590	0	NA	NA	NA	NA	RPSAP48
NA	ENSG00000240591	15.3738858	-0.03429769	0.34065337	0.82916296	0.92261925	
100874083	ENSG00000240596	0	NA	NA	NA	NA	KCNAB1-AS2
NA	ENSG00000240601	0	NA	NA	NA	NA	RPL9P15
201651	ENSG00000240602	0	NA	NA	NA	NA	AADACP1
NA	ENSG00000240606	0	NA	NA	NA	NA	RN7SL564P
NA	ENSG00000240611	0	NA	NA	NA	NA	
NA	ENSG00000240613	0	NA	NA	NA	NA	RN7SL98P
NA	ENSG00000240616	5.14649673	-0.03556874	0.36161429	0.78041837	0.89962817	RPS6P25
NA	ENSG00000240621	0	NA	NA	NA	NA	OR2AO1P
NA	ENSG00000240622	0.82818046	-0.00273368	0.38203913	0.95404963	NA	RPL7P15
NA	ENSG00000240624	0.51774953	-0.00951607	0.38322678	0.82354165	NA	
NA	ENSG00000240625	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RN7SL403P
NA	ENSG00000240626	0	NA	NA	NA	NA	RN7SL150P
NA	ENSG00000240627	0	NA	NA	NA	NA	
NA	ENSG00000240631	0	NA	NA	NA	NA	RPL30P12
347127	ENSG00000240632	0.70958227	0.02528094	0.38340037	0.57493582	NA	SPATA31D5P
NA	ENSG00000240634	0.78876843	-0.00673108	0.38157757	0.89592403	NA	
NA	ENSG00000240637	0	NA	NA	NA	NA	RN7SL808P
NA	ENSG00000240639	0	NA	NA	NA	NA	RN7SL666P
NA	ENSG00000240641	0	NA	NA	NA	NA	RN7SL580P
NA	ENSG00000240647	0	NA	NA	NA	NA	RN7SL305P
NA	ENSG00000240651	0	NA	NA	NA	NA	SEPTIN7P4
NA	ENSG00000240652	0	NA	NA	NA	NA	
338872	ENSG00000240654	0	NA	NA	NA	NA	C1QTNF9
NA	ENSG00000240661	2.05580746	0.02685912	0.37675095	0.74904265	NA	
NA	ENSG00000240663	0	NA	NA	NA	NA	RN7SL310P
NA	ENSG00000240665	0	NA	NA	NA	NA	LSP1P2
NA	ENSG00000240666	0.32706137	0.00279785	0.38338784	0.95351401	NA	MME-AS1
NA	ENSG00000240667	0	NA	NA	NA	NA	NBPF18P
NA	ENSG00000240668	0.33471731	0.02354391	0.38534154	0.62842204	NA	KRT8P36
NA	ENSG00000240669	0	NA	NA	NA	NA	
NA	ENSG00000240671	0	NA	NA	NA	NA	IGKV1-8
NA	ENSG00000240673	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000240674	0	NA	NA	NA	NA	

NA	ENSG00000240677	0	NA	NA	NA	NA	MYL6P4
NA	ENSG00000240680	0	NA	NA	NA	NA	H4P1
57461	ENSG00000240682	667.01109	-0.12182645	0.11849398	0.2784946	0.50289732	ISY1
NA	ENSG00000240687	0	NA	NA	NA	NA	
NA	ENSG00000240692	0	NA	NA	NA	NA	RN7SL538P
10687	ENSG00000240694	2987.49581	-0.79939036	0.07337119	2.30E-28	1.25E-26	PNMA2
NA	ENSG00000240695	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000240698	0	NA	NA	NA	NA	RPS2P39
NA	ENSG00000240704	0	NA	NA	NA	NA	KLF7P1
399829	ENSG00000240707	8.26667996	-0.01621454	0.34792639	0.91197154	0.96252342	LINC01168
NA	ENSG00000240708	0	NA	NA	NA	NA	LINC02030
NA	ENSG00000240710	0.85035186	0.01903259	0.3813838	0.73633285	NA	
NA	ENSG00000240713	0	NA	NA	NA	NA	RN7SL860P
NA	ENSG00000240718	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL851P
401387	ENSG00000240720	2.86145333	0.08177381	0.38417586	0.40471809	0.63309996	LRRD1
NA	ENSG00000240721	0	NA	NA	NA	NA	RPS4XP15
NA	ENSG00000240723	0	NA	NA	NA	NA	RN7SL382P
NA	ENSG00000240724	0	NA	NA	NA	NA	RPS12P15
NA	ENSG00000240729	0.95980662	-0.02082412	0.38103516	0.72803664	NA	
NA	ENSG00000240731	12.6364944	-0.08210877	0.33793067	0.63344528	0.8149108	
NA	ENSG00000240733	0.16735865	0.01897177	0.38482933	0.78225479	NA	RN7SL502P
NA	ENSG00000240738	0	NA	NA	NA	NA	
NA	ENSG00000240739	0	NA	NA	NA	NA	
100506243	ENSG00000240747	0	NA	NA	NA	NA	KRBOX1
NA	ENSG00000240750	0.30001628	-0.02294459	0.38527538	0.68644849	NA	RN7SL559P
NA	ENSG00000240751	9.75766364	-0.00090179	0.34042344	0.99344942	0.99792601	
NA	ENSG00000240752	0	NA	NA	NA	NA	
NA	ENSG00000240755	1.91235071	0.01826862	0.38073897	0.76380589	NA	ERLEC1P1
NA	ENSG00000240758	49.1929954	-0.04786153	0.25439138	0.80085414	0.90877553	
NA	ENSG00000240759	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS27P21
NA	ENSG00000240760	0	NA	NA	NA	NA	RPL31P56
NA	ENSG00000240761	0	NA	NA	NA	NA	
56097	ENSG00000240764	27.082383	-0.14263388	0.3065315	0.47011991	0.6923895	PCDHGC5
NA	ENSG00000240766	0	NA	NA	NA	NA	PLCXD2-AS1
NA	ENSG00000240767	0	NA	NA	NA	NA	RN7SL288P
246312	ENSG00000240770	0	NA	NA	NA	NA	C21orf91-OT1
115557	ENSG00000240771	1625.5833	0.47061152	0.07543019	1.94E-10	3.62E-09	ARHGEF25
NA	ENSG00000240772	0	NA	NA	NA	NA	RN7SL776P

NA	ENSG00000240774	0	NA	NA	NA	NA	
NA	ENSG00000240775	0	NA	NA	NA	NA	
NA	ENSG00000240776	0	NA	NA	NA	NA	
NA	ENSG00000240777	0	NA	NA	NA	NA	
NA	ENSG00000240785	0	NA	NA	NA	NA	RPL36AP21
NA	ENSG00000240787	0	NA	NA	NA	NA	
NA	ENSG00000240790	0	NA	NA	NA	NA	
NA	ENSG00000240791	0.18922458	0.01954053	0.38488496	0.78225479	NA	MTND4LP7
NA	ENSG00000240792	0	NA	NA	NA	NA	
NA	ENSG00000240793	2.19342132	0.05594921	0.37912751	0.54292624	NA	UBA52P8
NA	ENSG00000240796	0	NA	NA	NA	NA	MTND2P14
NA	ENSG00000240801	0	NA	NA	NA	NA	
NA	ENSG00000240803	0	NA	NA	NA	NA	RN7SL231P
NA	ENSG00000240804	0	NA	NA	NA	NA	NPM1P28
NA	ENSG00000240808	0.55709367	0.03313977	0.38626002	0.44859844	NA	
NA	ENSG00000240809	1.61709744	-0.01627541	0.37756482	0.82949555	NA	CAP1P1
NA	ENSG00000240813	0	NA	NA	NA	NA	
NA	ENSG00000240821	0	NA	NA	NA	NA	RPL9P25
NA	ENSG00000240823	1.60196674	-0.03755024	0.38098737	0.59434397	NA	RN7SL23P
NA	ENSG00000240824	0	NA	NA	NA	NA	MTND3P7
NA	ENSG00000240827	0	NA	NA	NA	NA	
NA	ENSG00000240828	1.0032499	0.00837496	0.38010658	0.89045082	NA	RPL21P4
NA	ENSG00000240837	0	NA	NA	NA	NA	RN7SL77P
NA	ENSG00000240842	0	NA	NA	NA	NA	
NA	ENSG00000240846	0	NA	NA	NA	NA	RPS15P9
NA	ENSG00000240847	0	NA	NA	NA	NA	RN7SL497P
387521	ENSG00000240849	668.726073	-0.54850088	0.09867582	9.34E-09	1.42E-07	PEDS1
NA	ENSG00000240853	0	NA	NA	NA	NA	RN7SL328P
NA	ENSG00000240854	0	NA	NA	NA	NA	PSMC2P1
57665	ENSG00000240857	381.527521	-0.65280448	0.13730577	5.03E-07	6.00E-06	RDH14
100507642	ENSG00000240859	27.864498	0.075346	0.31230317	0.68879347	0.8489088	
NA	ENSG00000240861	0	NA	NA	NA	NA	
NA	ENSG00000240863	0	NA	NA	NA	NA	RN7SL645P
NA	ENSG00000240864	0	NA	NA	NA	NA	IGKV1-16
NA	ENSG00000240868	0	NA	NA	NA	NA	C1QTNF9-AS1
NA	ENSG00000240869	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL128P
NA	ENSG00000240870	0	NA	NA	NA	NA	RPL19P14
100132476	ENSG00000240871	0	NA	NA	NA	NA	KRTAP4-7

NA	ENSG00000240873	0	NA	NA	NA	NA	RPS29P22
NA	ENSG00000240874	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
730091	ENSG00000240875	21.3725421	0.31459108	0.44814899	0.12386867	0.29169785	LINC00886
NA	ENSG00000240877	1.25117491	0.07400793	0.39093894	0.22654534	NA	RN7SL521P
NA	ENSG00000240881	0	NA	NA	NA	NA	
NA	ENSG00000240882	3.41097574	-0.00059772	0.3695803	0.99342369	0.99792601	
NA	ENSG00000240888	0	NA	NA	NA	NA	
100134713	ENSG00000240889	21.0038352	-0.08868403	0.31367119	0.63685586	0.81722218	NDUFB2-AS1
NA	ENSG00000240890	0	NA	NA	NA	NA	
257068	ENSG00000240891	449.476406	0.40070109	0.13192102	0.00121265	0.00698575	PLCXD2
101929694	ENSG00000240893	0	NA	NA	NA	NA	LINC02042
NA	ENSG00000240895	0	NA	NA	NA	NA	
NA	ENSG00000240898	3.32253796	0.15066226	0.41408128	0.14255449	0.32128606	
NA	ENSG00000240902	0	NA	NA	NA	NA	APOOP2
NA	ENSG00000240905	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL798P
NA	ENSG00000240912	0	NA	NA	NA	NA	H2BP3
NA	ENSG00000240914	0	NA	NA	NA	NA	RPL15P2
NA	ENSG00000240915	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000240919	0.173733	0.01914545	0.38484597	0.78225479	NA	
101926903	ENSG00000240922	0	NA	NA	NA	NA	LSAMP-AS1
NA	ENSG00000240925	0	NA	NA	NA	NA	RPS20P31
NA	ENSG00000240927	0.44795842	-0.02501848	0.38558245	0.5807882	NA	RN7SL209P
NA	ENSG00000240934	0	NA	NA	NA	NA	
NA	ENSG00000240935	0	NA	NA	NA	NA	PLGLA
NA	ENSG00000240936	0	NA	NA	NA	NA	RN7SL554P
NA	ENSG00000240940	0	NA	NA	NA	NA	RN7SL591P
NA	ENSG00000240950	0	NA	NA	NA	NA	
NA	ENSG00000240951	0	NA	NA	NA	NA	MTCO2P6
NA	ENSG00000240954	0	NA	NA	NA	NA	RPL4P1
NA	ENSG00000240959	0	NA	NA	NA	NA	ST13P14
NA	ENSG00000240960	0	NA	NA	NA	NA	
NA	ENSG00000240961	0	NA	NA	NA	NA	RN7SL415P
NA	ENSG00000240963	0	NA	NA	NA	NA	
NA	ENSG00000240964	0	NA	NA	NA	NA	RN7SL751P
NA	ENSG00000240966	0	NA	NA	NA	NA	RN7SL681P
NA	ENSG00000240970	10.4403505	-0.12214384	0.35637092	0.46957737	0.69200141	RPL23AP64
4282	ENSG00000240972	8678.1487	-0.10043146	0.05706763	0.07492653	0.20131938	MIF
100506489	ENSG00000240973	0	NA	NA	NA	NA	

NA	ENSG00000240974	0	NA	NA	NA	NA	RPS27AP10
NA	ENSG00000240975	0	NA	NA	NA	NA	
NA	ENSG00000240977	0	NA	NA	NA	NA	RN7SL283P
NA	ENSG00000240980	0	NA	NA	NA	NA	
NA	ENSG00000240983	0	NA	NA	NA	NA	
221883	ENSG00000240990	0	NA	NA	NA	NA	HOXA11-AS
NA	ENSG00000240991	0.69621354	0.02520989	0.38342747	0.5780435	NA	RPL23AP67
NA	ENSG00000240992	0	NA	NA	NA	NA	RPS23P4
NA	ENSG00000240993	0	NA	NA	NA	NA	RN7SL459P
NA	ENSG00000240995	0	NA	NA	NA	NA	
NA	ENSG00000240996	3.06584229	0.02154025	0.37007056	0.83882015	0.92674595	
NA	ENSG00000240997	0	NA	NA	NA	NA	RN7SL183P
NA	ENSG00000241002	0	NA	NA	NA	NA	RPL32P13
NA	ENSG00000241003	0	NA	NA	NA	NA	
NA	ENSG00000241007	0	NA	NA	NA	NA	SEPTIN7P6
NA	ENSG00000241008	0	NA	NA	NA	NA	
NA	ENSG00000241011	0	NA	NA	NA	NA	
653160	ENSG00000241014	4.03565972	-0.0300929	0.38660146	0.17014868	0.3620107	GPR199P
147804	ENSG00000241015	201.255322	0.2005033	0.20957881	0.2564756	0.47758495	TPM3P9
NA	ENSG00000241018	0	NA	NA	NA	NA	RCC2P5
NA	ENSG00000241020	6.20784094	0.03578566	0.38532622	0.41551531	0.64244323	RPL32P24
NA	ENSG00000241022	0	NA	NA	NA	NA	NIPA2P2
NA	ENSG00000241026	0	NA	NA	NA	NA	
NA	ENSG00000241030	0.34693517	0.00048404	0.38336263	0.96387805	NA	RPL29P24
NA	ENSG00000241032	0	NA	NA	NA	NA	RN7SL709P
NA	ENSG00000241035	0	NA	NA	NA	NA	
NA	ENSG00000241037	0	NA	NA	NA	NA	RN7SL335P
NA	ENSG00000241042	0	NA	NA	NA	NA	
NA	ENSG00000241045	0	NA	NA	NA	NA	RPL7P43
NA	ENSG00000241048	0	NA	NA	NA	NA	
NA	ENSG00000241052	0	NA	NA	NA	NA	RPL23AP70
NA	ENSG00000241054	0	NA	NA	NA	NA	
NA	ENSG00000241057	3.1310412	-0.04421937	0.37451211	0.65492252	0.82814932	
221078	ENSG00000241058	390.555306	-0.16328012	0.13656802	0.19934052	0.40389255	NSUN6
NA	ENSG00000241059	0	NA	NA	NA	NA	
NA	ENSG00000241061	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL5P1
NA	ENSG00000241064	0	NA	NA	NA	NA	RN7SL110P
NA	ENSG00000241067	0	NA	NA	NA	NA	RPL17P40

NA	ENSG00000241069	0	NA	NA	NA	NA	
NA	ENSG00000241073	0	NA	NA	NA	NA	
NA	ENSG00000241074	0	NA	NA	NA	NA	RN7SL813P
NA	ENSG00000241081	0.33471731	0.02354391	0.38534154	0.62842204	NA	RPL22P2
NA	ENSG00000241082	0	NA	NA	NA	NA	RN7SL259P
NA	ENSG00000241088	0	NA	NA	NA	NA	RPL17P44
NA	ENSG00000241095	0	NA	NA	NA	NA	CYP51A1P1
NA	ENSG00000241097	0	NA	NA	NA	NA	
401103	ENSG00000241098	0	NA	NA	NA	NA	LINC01994
NA	ENSG00000241101	0	NA	NA	NA	NA	PRICKLE2-AS2
NA	ENSG00000241102	0	NA	NA	NA	NA	
NA	ENSG00000241103	0	NA	NA	NA	NA	RPL35AP11
284344	ENSG00000241104	0	NA	NA	NA	NA	CEACAMP10
NA	ENSG00000241105	0	NA	NA	NA	NA	
3112	ENSG00000241106	0	NA	NA	NA	NA	HLA-DOB
100652759	ENSG00000241111	0	NA	NA	NA	NA	
NA	ENSG00000241112	0.97762028	0.00397347	0.38003463	0.9477462	NA	RPL29P14
NA	ENSG00000241114	0	NA	NA	NA	NA	
54600	ENSG00000241119	0	NA	NA	NA	NA	UGT1A9
NA	ENSG00000241120	0.79806966	-0.00515016	0.38214039	0.91249788	NA	HMG1P8
386680	ENSG00000241123	0	NA	NA	NA	NA	KRTAP10-5
57002	ENSG00000241127	408.172401	0.02854011	0.11738329	0.7994751	0.90803676	YAE1
388761	ENSG00000241128	0	NA	NA	NA	NA	OR14A2
NA	ENSG00000241129	0.3240178	0.00205173	0.38337601	0.96143858	NA	RPL22P19
NA	ENSG00000241130	0	NA	NA	NA	NA	RPL32P30
100507461	ENSG00000241131	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02032
NA	ENSG00000241134	0	NA	NA	NA	NA	BET1P1
NA	ENSG00000241135	0	NA	NA	NA	NA	LINC00881
NA	ENSG00000241136	0	NA	NA	NA	NA	PAICSP6
NA	ENSG00000241143	0	NA	NA	NA	NA	RPL32P9
NA	ENSG00000241144	0	NA	NA	NA	NA	RN7SL728P
NA	ENSG00000241146	0	NA	NA	NA	NA	RPL7P41
NA	ENSG00000241149	13.418112	-2.05038818	0.79221181	0.00049999	0.00322383	ZNF722P
NA	ENSG00000241151	0	NA	NA	NA	NA	LINC02066
NA	ENSG00000241152	0	NA	NA	NA	NA	RN7SL720P
100874246	ENSG00000241155	9.80844762	-0.06644107	0.35021133	0.66829959	0.83695644	ARHGAP31-AS1
NA	ENSG00000241156	0	NA	NA	NA	NA	RN7SL582P
NA	ENSG00000241157	0	NA	NA	NA	NA	RPL32P32

101929335	ENSG00000241158	44.1260223	-0.25418157	0.3134733	0.2269627	0.4416379	ADAMTS9-AS1
NA	ENSG00000241159	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL160P
NA	ENSG00000241162	0	NA	NA	NA	NA	RN7SL617P
285286	ENSG00000241163	11.9988555	-0.07617628	0.34238327	0.64711002	0.82430661	LINC00877
NA	ENSG00000241168	0	NA	NA	NA	NA	
NA	ENSG00000241169	0	NA	NA	NA	NA	
NA	ENSG00000241170	2.23377843	-0.00966124	0.37333866	0.91493175	NA	
NA	ENSG00000241172	0	NA	NA	NA	NA	RN7SL70P
NA	ENSG00000241174	0	NA	NA	NA	NA	RN7SL570P
NA	ENSG00000241175	0	NA	NA	NA	NA	RN7SL494P
NA	ENSG00000241179	0	NA	NA	NA	NA	
NA	ENSG00000241180	7.25130206	0.14901129	0.38558786	0.32728488	0.55565052	
NA	ENSG00000241183	0	NA	NA	NA	NA	
NA	ENSG00000241185	0.16735865	0.01897177	0.38482933	0.78225479	NA	
6997	ENSG00000241186	0	NA	NA	NA	NA	TDGF1
NA	ENSG00000241187	0	NA	NA	NA	NA	
NA	ENSG00000241188	0	NA	NA	NA	NA	RN7SL165P
NA	ENSG00000241198	0	NA	NA	NA	NA	RN7SL191P
NA	ENSG00000241200	0	NA	NA	NA	NA	ZNF736P7Y
NA	ENSG00000241202	0	NA	NA	NA	NA	ZIC4-AS1
NA	ENSG00000241203	0	NA	NA	NA	NA	HMG2P26
NA	ENSG00000241204	0	NA	NA	NA	NA	
NA	ENSG00000241207	0	NA	NA	NA	NA	
NA	ENSG00000241211	0	NA	NA	NA	NA	IQCJ-SCHIP1-AS1
105374057	ENSG00000241213	0.79587527	-0.02353192	0.38280024	0.65827106	NA	LINC02024
NA	ENSG00000241216	0	NA	NA	NA	NA	SNAPC5P1
NA	ENSG00000241217	0.99605683	0.03078181	0.38213753	0.60505401	NA	RN7SL809P
NA	ENSG00000241218	4.42410497	0.18411436	0.42924711	0.12480209	0.29313051	CSP2
NA	ENSG00000241219	0	NA	NA	NA	NA	
NA	ENSG00000241220	0	NA	NA	NA	NA	
NA	ENSG00000241221	0	NA	NA	NA	NA	MTND4LP17
NA	ENSG00000241223	0	NA	NA	NA	NA	RN7SL39P
401081	ENSG00000241224	0	NA	NA	NA	NA	C3orf85
NA	ENSG00000241225	0	NA	NA	NA	NA	NMTR5-TGA3-1
NA	ENSG00000241226	0	NA	NA	NA	NA	RN7SL836P
NA	ENSG00000241227	0	NA	NA	NA	NA	RN7SL553P
NA	ENSG00000241228	0	NA	NA	NA	NA	RPL12P31
NA	ENSG00000241229	0.46676019	-0.0077203	0.38326241	0.86531354	NA	RN7SL443P

NA	ENSG00000241230	0	NA	NA	NA	NA	RN7SL801P
NA	ENSG00000241231	0	NA	NA	NA	NA	
57830	ENSG00000241233	0.69790075	0.02708321	0.38368267	0.5709056	NA	KRTAP5-8
NA	ENSG00000241241	0	NA	NA	NA	NA	KRTAP4-16
NA	ENSG00000241243	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RN7SL629P
NA	ENSG00000241244	0	NA	NA	NA	NA	IGKV1D-16
NA	ENSG00000241246	0	NA	NA	NA	NA	RN7SL302P
NA	ENSG00000241248	0	NA	NA	NA	NA	RN7SL727P
NA	ENSG00000241250	0	NA	NA	NA	NA	RPL17P20
NA	ENSG00000241251	0	NA	NA	NA	NA	
NA	ENSG00000241255	1.3451087	0.03368124	0.3810935	0.61787513	NA	
NA	ENSG00000241257	0	NA	NA	NA	NA	
27297	ENSG00000241258	1178.61237	0.05622105	0.08492794	0.49781367	0.71568059	CRCP
NA	ENSG00000241261	0	NA	NA	NA	NA	RPL17P19
NA	ENSG00000241269	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000241278	1.53552592	0.04847236	0.38144855	0.52828901	NA	ENPP7P4
NA	ENSG00000241280	0	NA	NA	NA	NA	
NA	ENSG00000241281	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000241282	0	NA	NA	NA	NA	RPL34P33
NA	ENSG00000241286	0	NA	NA	NA	NA	RPL29P25
101927056	ENSG00000241288	17.0059282	0.14220549	0.34203571	0.4459119	0.67028199	LINC02614
NA	ENSG00000241291	0	NA	NA	NA	NA	RN7SL791P
NA	ENSG00000241293	0	NA	NA	NA	NA	PPATP1
NA	ENSG00000241294	0	NA	NA	NA	NA	IGKV2-24
NA	ENSG00000241295	0	NA	NA	NA	NA	ZBTB20-AS2
NA	ENSG00000241305	0	NA	NA	NA	NA	ACTG1P13
NA	ENSG00000241307	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100128025	ENSG00000241313	2.00739266	0.07007752	0.38485843	0.40303359	NA	WWTR1-AS1
101927111	ENSG00000241316	43.5599814	-0.35844865	0.33136567	0.11067758	0.26834208	SUCLG2-AS1
NA	ENSG00000241317	0	NA	NA	NA	NA	
NA	ENSG00000241318	0.16735865	0.01897177	0.38482933	0.78225479	NA	WDR82P2
NA	ENSG00000241319	0	NA	NA	NA	NA	SETP6
374286	ENSG00000241322	14.65291	-0.06181595	0.33627164	0.71095619	0.86118643	CDRT1
NA	ENSG00000241324	0	NA	NA	NA	NA	
NA	ENSG00000241326	0	NA	NA	NA	NA	
101927494	ENSG00000241328	0	NA	NA	NA	NA	LINC02070
NA	ENSG00000241333	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RN7SL385P
NA	ENSG00000241334	0	NA	NA	NA	NA	RPL35AP33

101928190	ENSG00000241336	0	NA	NA	NA	NA	LINC01487
6173	ENSG00000241343	5968.97125	0.35457267	0.07305782	7.36E-07	8.52E-06	RPL36A
NA	ENSG00000241344	0	NA	NA	NA	NA	RPL21P47
105375483	ENSG00000241345	45.5519538	-0.24118075	0.31719593	0.25067308	0.47063996	
NA	ENSG00000241346	0.16735865	0.01897177	0.38482933	0.78225479	NA	SNRPCP11
NA	ENSG00000241347	0	NA	NA	NA	NA	RN7SL466P
NA	ENSG00000241350	0.16735865	0.01897177	0.38482933	0.78225479	NA	PMS2P11
NA	ENSG00000241351	0	NA	NA	NA	NA	IGKV3-11
NA	ENSG00000241352	0.63740076	-0.02080764	0.38315	0.67049884	NA	
NA	ENSG00000241353	0	NA	NA	NA	NA	PPP1R2P4
NA	ENSG00000241354	0	NA	NA	NA	NA	
NA	ENSG00000241356	0	NA	NA	NA	NA	OR5G3
NA	ENSG00000241357	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000241358	0	NA	NA	NA	NA	
100874016	ENSG00000241359	0	NA	NA	NA	NA	SYNPR-AS1
57026	ENSG00000241360	1384.4088	-0.26739646	0.07617169	0.00033026	0.00223097	PDXP
NA	ENSG00000241361	19.288769	0.66903042	0.58351095	0.02724335	0.09307784	SLC25A24P1
NA	ENSG00000241362	2.25967379	-0.01148323	0.37458519	0.89396792	NA	RPL36AP43
NA	ENSG00000241367	0	NA	NA	NA	NA	RPL7AP23
647107	ENSG00000241369	0.73968404	0.041007	0.38719459	0.34990325	NA	LINC01192
79897	ENSG00000241370	307.480574	0.1048255	0.13129716	0.39557017	0.62504875	RPP21
202658	ENSG00000241370	307.480574	0.1048255	0.13129716	0.39557017	0.62504875	RPP21
NA	ENSG00000241383	0	NA	NA	NA	NA	LINC01997
NA	ENSG00000241385	0	NA	NA	NA	NA	
283460	ENSG00000241388	0	NA	NA	NA	NA	HNF1A-AS1
NA	ENSG00000241391	0	NA	NA	NA	NA	RN7SL234P
NA	ENSG00000241392	0	NA	NA	NA	NA	RN7SL205P
NA	ENSG00000241395	0	NA	NA	NA	NA	RN7SL344P
NA	ENSG00000241397	0	NA	NA	NA	NA	LINC00903
9936	ENSG00000241399	169.357043	0.54576972	0.1870199	0.0011145	0.00648789	CD302
NA	ENSG00000241400	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
80864	ENSG00000241404	235.63586	1.00338732	0.16889122	3.67E-10	6.68E-09	EGFL8
NA	ENSG00000241406	0	NA	NA	NA	NA	RN7SL515P
NA	ENSG00000241409	0	NA	NA	NA	NA	
NA	ENSG00000241411	0	NA	NA	NA	NA	
NA	ENSG00000241413	0	NA	NA	NA	NA	RN7SL441P
NA	ENSG00000241416	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KRT8P13
NA	ENSG00000241418	0	NA	NA	NA	NA	MCRIP2P1

NA	ENSG00000241420	0	NA	NA	NA	NA	RN7SL505P
NA	ENSG00000241423	0	NA	NA	NA	NA	RPL21P103
NA	ENSG00000241429	0.18922458	0.01954053	0.38488496	0.78225479	NA	EEF1A1P25
NA	ENSG00000241431	0	NA	NA	NA	NA	RPL37P6
NA	ENSG00000241434	0	NA	NA	NA	NA	
NA	ENSG00000241438	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TDGF1P6
NA	ENSG00000241439	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000241449	0	NA	NA	NA	NA	
NA	ENSG00000241451	0	NA	NA	NA	NA	RPS27P22
NA	ENSG00000241456	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000241457	0	NA	NA	NA	NA	PLSCR5-AS1
NA	ENSG00000241458	0	NA	NA	NA	NA	RPL7P19
NA	ENSG00000241461	0	NA	NA	NA	NA	RN7SL182P
NA	ENSG00000241462	0	NA	NA	NA	NA	
NA	ENSG00000241464	0	NA	NA	NA	NA	RPL39P38
9551	ENSG00000241468	2293.71079	-0.06756815	0.08295542	0.4035027	0.6315473	ATP5MF
151658	ENSG00000241469	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC00635
100506994	ENSG00000241472	77.2172379	0.10055693	0.22698135	0.58593649	0.7817695	PTPRG-AS1
NA	ENSG00000241473	0	NA	NA	NA	NA	
NA	ENSG00000241475	0	NA	NA	NA	NA	
6757	ENSG00000241476	0.6603194	-0.03662483	0.38662896	0.42216809	NA	SSX2
NA	ENSG00000241478	0.47383319	-0.00944496	0.38286066	0.84443184	NA	HSPA8P9
105374205	ENSG00000241479	0	NA	NA	NA	NA	MECOM-AS1
23779	ENSG00000241484	54.8687854	0.44908566	0.29823387	0.04444945	0.13588274	ARHGAP8
NA	ENSG00000241487	0	NA	NA	NA	NA	RN7SL586P
NA	ENSG00000241489	273.285135	0.48162713	0.16560573	0.00141372	0.00797179	
NA	ENSG00000241490	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000241493	0	NA	NA	NA	NA	
NA	ENSG00000241494	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000241499	0.6388937	0.00346183	0.38196731	0.94039531	NA	
NA	ENSG00000241505	0	NA	NA	NA	NA	
NA	ENSG00000241506	15.6739911	-0.00194038	0.38288218	0.94894976	0.97900074	PSMC1P1
NA	ENSG00000241511	1.39615646	0.03785823	0.38064455	0.60037941	NA	RPS15AP24
NA	ENSG00000241520	2.49457314	-0.02502211	0.37487	0.7786657	NA	
NA	ENSG00000241524	0	NA	NA	NA	NA	RN7SL632P
105371430	ENSG00000241525	0.49744687	0.01159955	0.3833937	0.77945948	NA	
NA	ENSG00000241526	0	NA	NA	NA	NA	
NA	ENSG00000241527	0.34685788	0.00011739	0.38336203	0.9673446	NA	CA15P1

NA	ENSG00000241529	0.51536296	0.01573501	0.38314518	0.7325741	NA	RN7SL767P
NA	ENSG00000241532	9.32099962	-0.1173394	0.37682746	0.40763951	0.63599565	AGGF1P3
NA	ENSG00000241535	0.49894205	-0.01036516	0.38284216	0.82570019	NA	CBX5P1
NA	ENSG00000241537	1.63203204	-0.00608007	0.37797204	0.93142573	NA	
NA	ENSG00000241539	0	NA	NA	NA	NA	
NA	ENSG00000241542	0	NA	NA	NA	NA	RN7SL369P
105374177	ENSG00000241544	0.34495978	0.02365591	0.38535793	0.62207308	NA	LINC02029
NA	ENSG00000241546	0	NA	NA	NA	NA	
NA	ENSG00000241547	21.7885161	0.07541631	0.3130631	0.68874533	0.8489088	ACTG1P20
387036	ENSG00000241549	182.352758	0.43541317	0.18107268	0.00701474	0.03103065	GUSBP2
NA	ENSG00000241550	0	NA	NA	NA	NA	RN7SL41P
NA	ENSG00000241552	0	NA	NA	NA	NA	RN7SL58P
10093	ENSG00000241553	1961.52333	-0.1087302	0.06540421	0.09181381	0.23401671	ARPC4
NA	ENSG00000241556	0	NA	NA	NA	NA	
100131117	ENSG00000241560	1.00420373	-0.02270392	0.38034616	0.72424647	NA	ZBTB20-AS1
NA	ENSG00000241562	0	NA	NA	NA	NA	RPL7P5
1325	ENSG00000241563	5.24725467	0.16724012	0.41487553	0.17906042	0.3751778	CORT
NA	ENSG00000241566	0	NA	NA	NA	NA	IGKV2D-24
NA	ENSG00000241568	0	NA	NA	NA	NA	RN7SL338P
101927832	ENSG00000241570	2.31069407	0.14062802	0.41757423	0.05569558	NA	PAQR9-AS1
NA	ENSG00000241571	0	NA	NA	NA	NA	ATP5F1AP7
NA	ENSG00000241572	0	NA	NA	NA	NA	PRICKLE2-AS1
NA	ENSG00000241573	0	NA	NA	NA	NA	
NA	ENSG00000241577	0	NA	NA	NA	NA	
NA	ENSG00000241582	0	NA	NA	NA	NA	RPL23AP8
NA	ENSG00000241587	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL482P
NA	ENSG00000241588	0	NA	NA	NA	NA	RN7SL484P
NA	ENSG00000241590	0	NA	NA	NA	NA	RPL17P37
NA	ENSG00000241592	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000241593	2.4071213	0.06985688	0.38151237	0.46271869	NA	
85280	ENSG00000241595	0	NA	NA	NA	NA	KRTAP9-4
NA	ENSG00000241596	0	NA	NA	NA	NA	
NA	ENSG00000241597	1.28317895	0.00663291	0.37876532	0.9231745	NA	
387267	ENSG00000241598	0.15069912	-0.01848503	0.38480575	0.84537521	NA	KRTAP5-4
NA	ENSG00000241599	0	NA	NA	NA	NA	
NA	ENSG00000241604	0	NA	NA	NA	NA	RN7SL340P
NA	ENSG00000241607	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000241612	0	NA	NA	NA	NA	

NA	ENSG00000241613	0	NA	NA	NA	NA	RN7SL618P
NA	ENSG00000241621	0	NA	NA	NA	NA	GOLGA2P6
NA	ENSG00000241622	9.06093759	0.34451764	0.5245484	0.07926143	0.21000892	RARRES2P1
NA	ENSG00000241625	0	NA	NA	NA	NA	RN7SL18P
NA	ENSG00000241627	1.21061239	0.04825415	0.38313739	0.48209855	NA	UBQLN4P1
NA	ENSG00000241631	0	NA	NA	NA	NA	RN7SL316P
NA	ENSG00000241634	49.0725066	-0.12143217	0.26548435	0.53270184	0.74395247	
54658	ENSG00000241635	0	NA	NA	NA	NA	UGT1A1
NA	ENSG00000241636	0	NA	NA	NA	NA	LINC01323
NA	ENSG00000241640	0	NA	NA	NA	NA	
NA	ENSG00000241641	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS23P6
11185	ENSG00000241644	1.18836417	0.05531488	0.3875502	0.29796258	NA	INMT
100874037	ENSG00000241648	0	NA	NA	NA	NA	CADM2-AS2
NA	ENSG00000241651	0	NA	NA	NA	NA	
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NA	ENSG00000241654	0	NA	NA	NA	NA	RPL19P18
NA	ENSG00000241656	0	NA	NA	NA	NA	UBA52P7
NA	ENSG00000241657	0	NA	NA	NA	NA	TRBV11-2
NA	ENSG00000241661	0	NA	NA	NA	NA	PPP1R2P6
NA	ENSG00000241665	0	NA	NA	NA	NA	RN7SL418P
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NA	ENSG00000241667	0	NA	NA	NA	NA	
NA	ENSG00000241668	0	NA	NA	NA	NA	RPL19P11
104310350	ENSG00000241669	0	NA	NA	NA	NA	LINC01327
NA	ENSG00000241671	0	NA	NA	NA	NA	
NA	ENSG00000241673	0	NA	NA	NA	NA	RPS27P12
NA	ENSG00000241678	0	NA	NA	NA	NA	
NA	ENSG00000241679	0	NA	NA	NA	NA	
NA	ENSG00000241680	0.68943743	0.0050863	0.3813053	0.92130341	NA	RPL31P49
NA	ENSG00000241684	71.7159526	-0.47721847	0.28446873	0.02974252	0.0997008	ADAMTS9-AS2
10552	ENSG00000241685	3209.61943	0.10011564	0.06325061	0.10858784	0.26446884	ARPC1A
NA	ENSG00000241690	0	NA	NA	NA	NA	
NA	ENSG00000241693	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL704P
NA	ENSG00000241695	1.00314123	0.05552724	0.38971597	0.21593007	NA	GM2AP1
100505609	ENSG00000241696	0	NA	NA	NA	NA	LINC02053
8577	ENSG00000241697	1049.5139	-0.1085075	0.10830434	0.29536075	0.52197116	TMEFF1
NA	ENSG00000241709	0	NA	NA	NA	NA	RN7SL265P
NA	ENSG00000241717	0	NA	NA	NA	NA	VWFP1

NA	ENSG00000241720	0	NA	NA	NA	NA	
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NA	ENSG00000241722	0	NA	NA	NA	NA	
NA	ENSG00000241723	0	NA	NA	NA	NA	
NA	ENSG00000241728	1.38710288	0.0404936	0.38363774	0.49032735	NA	
220832	ENSG00000241735	0.76738632	-0.0263316	0.38326145	0.58646811	NA	FABP5P3
NA	ENSG00000241738	0.8529536	0.03850269	0.38494047	0.44586214	NA	ZNF90P1
NA	ENSG00000241739	0	NA	NA	NA	NA	
NA	ENSG00000241741	0.84049591	0.01551186	0.38114475	0.78302402	NA	RPL7AP30
NA	ENSG00000241743	6.21119424	-0.04964394	0.3609078	0.71007907	0.86085968	XACT
NA	ENSG00000241744	0	NA	NA	NA	NA	
NA	ENSG00000241745	0	NA	NA	NA	NA	RN7SL788P
NA	ENSG00000241746	0	NA	NA	NA	NA	
204010	ENSG00000241749	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPSAP52
NA	ENSG00000241754	1.50613994	0.03209568	0.38125302	0.61685351	NA	
NA	ENSG00000241755	0	NA	NA	NA	NA	IGKV1-9
NA	ENSG00000241756	0	NA	NA	NA	NA	RN7SL83P
NA	ENSG00000241757	0	NA	NA	NA	NA	RN7SL714P
101927974	ENSG00000241764	49.416397	-0.22171562	0.27640992	0.2737331	0.49724086	
NA	ENSG00000241765	0	NA	NA	NA	NA	RPS26P45
104355289	ENSG00000241767	0	NA	NA	NA	NA	LINC01324
100131434	ENSG00000241769	31.1109727	0.30921446	0.34929712	0.16295491	0.35195933	LINC00893
NA	ENSG00000241770	0.34207143	0.00301952	0.3833918	0.95885612	NA	
NA	ENSG00000241772	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000241776	0	NA	NA	NA	NA	
NA	ENSG00000241777	0	NA	NA	NA	NA	
NA	ENSG00000241782	1.36473271	0.03394452	0.38110293	0.61514873	NA	
NA	ENSG00000241785	0	NA	NA	NA	NA	RN7SL390P
NA	ENSG00000241787	0.16735865	0.01897177	0.38482933	0.78225479	NA	MTND4P16
NA	ENSG00000241788	0	NA	NA	NA	NA	COX6B1P2
NA	ENSG00000241789	0	NA	NA	NA	NA	RN7SL504P
NA	ENSG00000241790	39.3526524	0.03147559	0.38320968	0.57186656	0.77187786	ENO1P4
NA	ENSG00000241791	0	NA	NA	NA	NA	RN7SL817P
NA	ENSG00000241792	0	NA	NA	NA	NA	
6700	ENSG00000241794	0	NA	NA	NA	NA	SPRR2A
NA	ENSG00000241804	0	NA	NA	NA	NA	
NA	ENSG00000241807	0	NA	NA	NA	NA	RN7SL319P
NA	ENSG00000241808	0	NA	NA	NA	NA	RPS15AP34

NA	ENSG00000241809	0	NA	NA	NA	NA	
NA	ENSG00000241810	0	NA	NA	NA	NA	HMG2P13
NA	ENSG00000241815	0	NA	NA	NA	NA	
105370757	ENSG00000241818	0.173733	0.01914545	0.38484597	0.78225479	NA	SCG5-AS1
NA	ENSG00000241821	0	NA	NA	NA	NA	RN7SL170P
NA	ENSG00000241825	0	NA	NA	NA	NA	RPL7P42
NA	ENSG00000241828	0	NA	NA	NA	NA	
NA	ENSG00000241829	0	NA	NA	NA	NA	RPL21P54
27442	ENSG00000241832	0	NA	NA	NA	NA	CECR3
NA	ENSG00000241834	0	NA	NA	NA	NA	RN7SL149P
539	ENSG00000241837	1461.36674	-0.10283616	0.07754301	0.17526184	0.36920736	ATP5PO
NA	ENSG00000241838	0	NA	NA	NA	NA	
80301	ENSG00000241839	403.514092	0.12085982	0.12496801	0.30631046	0.53402457	PLEKHO2
NA	ENSG00000241846	0	NA	NA	NA	NA	
541565	ENSG00000241852	160.850456	0.02167445	0.179792	0.89277146	0.95357124	C8orf58
NA	ENSG00000241853	0	NA	NA	NA	NA	
NA	ENSG00000241859	0	NA	NA	NA	NA	ANOS2P
NA	ENSG00000241860	189.612154	0.01758195	0.20851781	0.92103731	0.96674322	
NA	ENSG00000241861	0	NA	NA	NA	NA	GAPDHP50
NA	ENSG00000241866	0	NA	NA	NA	NA	RN7SL401P
NA	ENSG00000241868	0.51417971	-0.00935211	0.38274063	0.82650914	NA	RN7SL434P
NA	ENSG00000241869	0	NA	NA	NA	NA	RN7SL363P
NA	ENSG00000241870	0	NA	NA	NA	NA	
NA	ENSG00000241874	0	NA	NA	NA	NA	TOMM22P6
NA	ENSG00000241877	0	NA	NA	NA	NA	
23761	ENSG00000241878	443.970061	-0.07557137	0.12566514	0.52354828	0.73634542	PISD
NA	ENSG00000241879	0	NA	NA	NA	NA	KLF3P2
NA	ENSG00000241881	0	NA	NA	NA	NA	
NA	ENSG00000241882	0	NA	NA	NA	NA	
NA	ENSG00000241884	0	NA	NA	NA	NA	
NA	ENSG00000241886	1.29334887	-0.01976089	0.37786901	0.79367021	NA	
NA	ENSG00000241888	0	NA	NA	NA	NA	RPSAP37
NA	ENSG00000241889	5.28586465	0.09350031	0.37805663	0.44635152	0.67062583	
NA	ENSG00000241890	0.34048242	-0.00024161	0.38336238	0.96754283	NA	RPL13P4
NA	ENSG00000241891	0	NA	NA	NA	NA	RPL9P6
NA	ENSG00000241899	0	NA	NA	NA	NA	TPT1P3
NA	ENSG00000241905	0	NA	NA	NA	NA	NDUFS6P1
NA	ENSG00000241907	1.24627156	-0.06242585	0.3878603	0.28439144	NA	RPS20P4

NA	ENSG00000241911	0	NA	NA	NA	NA	TRBV8
NA	ENSG00000241912	0	NA	NA	NA	NA	
NA	ENSG00000241913	0	NA	NA	NA	NA	RPS29P21
NA	ENSG00000241917	0	NA	NA	NA	NA	
NA	ENSG00000241921	0	NA	NA	NA	NA	
NA	ENSG00000241923	1.9531381	-0.0150834	0.37741504	0.84208913	NA	RPL14P3
NA	ENSG00000241926	0	NA	NA	NA	NA	MTCO1P55
NA	ENSG00000241929	0	NA	NA	NA	NA	
NA	ENSG00000241932	0	NA	NA	NA	NA	RPL35AP34
101929159	ENSG00000241933	0.15069912	-0.01848503	0.38480575	0.84537521	NA	DENND6A-DT
112817	ENSG00000241935	16.7408681	-0.0089397	0.31924469	0.95751189	0.98264776	HOGA1
NA	ENSG00000241939	0.16735865	0.01897177	0.38482933	0.78225479	NA	RN7SL517P
NA	ENSG00000241941	0	NA	NA	NA	NA	RPL32P26
NA	ENSG00000241942	0	NA	NA	NA	NA	RPS20P20
NA	ENSG00000241943	0	NA	NA	NA	NA	RN7SL188P
5822	ENSG00000241945	69.3301664	-0.02574575	0.23276104	0.88809989	0.95127807	PWP2
NA	ENSG00000241946	0	NA	NA	NA	NA	
NA	ENSG00000241947	0.6575592	0.00481875	0.38136496	0.92495239	NA	HNRNPA1P24
NA	ENSG00000241950	0	NA	NA	NA	NA	RPL29P23
NA	ENSG00000241954	0	NA	NA	NA	NA	
102546299	ENSG00000241956	1.14699098	-0.00297196	0.37936052	0.96298833	NA	
NA	ENSG00000241959	0	NA	NA	NA	NA	RN7SL76P
NA	ENSG00000241961	0	NA	NA	NA	NA	
NA	ENSG00000241962	14.4480971	0.12145347	0.34008012	0.50527084	0.72150391	
NA	ENSG00000241963	0	NA	NA	NA	NA	RN7SL655P
NA	ENSG00000241964	0	NA	NA	NA	NA	RN7SL135P
NA	ENSG00000241965	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS2P25
5297	ENSG00000241973	2929.86068	-0.37490244	0.07807224	8.90E-07	1.02E-05	PI4KA
NA	ENSG00000241975	12.3703208	-0.07793067	0.34143073	0.64262111	0.82136499	ELOCP19
NA	ENSG00000241981	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000241983	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL566P
NA	ENSG00000241984	1.2633404	-0.04873219	0.38289169	0.49040897	NA	RPL7AP2
NA	ENSG00000241985	0	NA	NA	NA	NA	WWTR1-IT1
NA	ENSG00000241990	21.9708179	-0.06844377	0.31051136	0.7127058	0.86169546	PRR34-AS1
NA	ENSG00000241991	0	NA	NA	NA	NA	
NA	ENSG00000241992	0	NA	NA	NA	NA	RN7SL831P
NA	ENSG00000241993	0	NA	NA	NA	NA	RPL38P1
NA	ENSG00000241997	0	NA	NA	NA	NA	RN7SL323P

NA	ENSG00000242001	0	NA	NA	NA	NA	
NA	ENSG00000242009	0	NA	NA	NA	NA	
NA	ENSG00000242012	0	NA	NA	NA	NA	
NA	ENSG00000242014	0	NA	NA	NA	NA	RN7SL26P
NA	ENSG00000242017	0	NA	NA	NA	NA	ALG1L15P
115653	ENSG00000242019	0	NA	NA	NA	NA	KIR3DL3
NA	ENSG00000242020	0.50008578	0.01193469	0.38341079	0.77432503	NA	RN7SL68P
NA	ENSG00000242021	2.30278872	-0.03562053	0.37636799	0.68643496	NA	
25764	ENSG00000242028	1027.0986	0.03064774	0.10403009	0.76062147	0.88925928	HYPK
NA	ENSG00000242029	0	NA	NA	NA	NA	
NA	ENSG00000242034	0	NA	NA	NA	NA	
NA	ENSG00000242036	0	NA	NA	NA	NA	
NA	ENSG00000242041	0	NA	NA	NA	NA	RPL35AP28
255654	ENSG00000242042	0	NA	NA	NA	NA	LINC01743
NA	ENSG00000242048	0	NA	NA	NA	NA	
285224	ENSG00000242049	0.65792608	0.00098454	0.38190106	0.9820315	NA	DNAJB8-AS1
NA	ENSG00000242052	7.22777448	0.18294698	0.41065425	0.21332563	0.42332271	RPL10P7
NA	ENSG00000242058	0	NA	NA	NA	NA	RPS4XP19
NA	ENSG00000242060	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPS3AP49
NA	ENSG00000242061	0	NA	NA	NA	NA	
NA	ENSG00000242062	0.30139824	-0.02296476	0.38527817	0.68536535	NA	MARK2P6
NA	ENSG00000242065	0	NA	NA	NA	NA	RN7SL291P
NA	ENSG00000242066	0	NA	NA	NA	NA	RN7SL214P
NA	ENSG00000242067	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL9P28
NA	ENSG00000242068	0	NA	NA	NA	NA	
NA	ENSG00000242070	0	NA	NA	NA	NA	NPM1P17
NA	ENSG00000242071	3.31593073	-0.0018408	0.37211594	0.98248463	0.99428951	RPL7AP6
NA	ENSG00000242072	0	NA	NA	NA	NA	
NA	ENSG00000242073	33.0576776	0.07112269	0.29743335	0.71245201	0.86169546	
NA	ENSG00000242076	0	NA	NA	NA	NA	IGKV1-33
NA	ENSG00000242078	0	NA	NA	NA	NA	
NA	ENSG00000242079	0	NA	NA	NA	NA	RN7SL318P
NA	ENSG00000242080	0	NA	NA	NA	NA	
NA	ENSG00000242082	173.484326	-0.11244141	0.18129782	0.481102	0.70194614	SLC5A4-AS1
NA	ENSG00000242083	1.6599654	0.01003858	0.37544292	0.90552273	NA	RPL7AP31
NA	ENSG00000242085	3.5481133	0.01308371	0.37000224	0.90082653	0.95635693	RPS20P33
NA	ENSG00000242086	716.39175	0.31163307	0.11244743	0.00365091	0.0178761	MUC20-OT1
NA	ENSG00000242087	0	NA	NA	NA	NA	RPL36AP41

NA	ENSG00000242088	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000242094	0.76940599	-0.0542165	0.38909984	0.28629215	NA	FOXP1-IT1
NA	ENSG00000242097	0	NA	NA	NA	NA	
NA	ENSG00000242100	0	NA	NA	NA	NA	RPL9P32
NA	ENSG00000242101	0	NA	NA	NA	NA	RN7SL416P
NA	ENSG00000242102	0	NA	NA	NA	NA	RN7SL152P
NA	ENSG00000242103	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000242104	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02618
NA	ENSG00000242107	0	NA	NA	NA	NA	LINC01100
NA	ENSG00000242109	0	NA	NA	NA	NA	NPM1P23
23600	ENSG00000242110	168.064063	-0.07441972	0.18128654	0.64079637	0.82008361	AMACR
NA	ENSG00000242111	0	NA	NA	NA	NA	TOPORSLP
NA	ENSG00000242113	0.29863895	-0.02292439	0.3852726	0.68753245	NA	RN7SL124P
51537	ENSG00000242114	403.548204	-0.48136631	0.16232994	0.0011629	0.00673635	MTFP1
NA	ENSG00000242118	0	NA	NA	NA	NA	RN7SL201P
NA	ENSG00000242119	0	NA	NA	NA	NA	
107986096	ENSG00000242120	0	NA	NA	NA	NA	MDFIC2
NA	ENSG00000242121	0	NA	NA	NA	NA	RN7SL267P
NA	ENSG00000242123	0	NA	NA	NA	NA	
8420	ENSG00000242125	1293.56936	-0.15888571	0.07697434	0.03484776	0.11295863	SNHG3
NA	ENSG00000242134	0	NA	NA	NA	NA	RPL5P13
NA	ENSG00000242135	0	NA	NA	NA	NA	RPL17P2
NA	ENSG00000242136	0	NA	NA	NA	NA	
NA	ENSG00000242137	0	NA	NA	NA	NA	RPL11P5
NA	ENSG00000242140	0	NA	NA	NA	NA	
NA	ENSG00000242142	0.51364107	-0.0101594	0.38327833	0.81901564	NA	SERBP1P3
NA	ENSG00000242145	0	NA	NA	NA	NA	
102723629	ENSG00000242147	1.59544542	-0.11234143	0.40643017	0.05970918	NA	LASTR
105376382	ENSG00000242147	1.59544542	-0.11234143	0.40643017	0.05970918	NA	LASTR
NA	ENSG00000242151	0	NA	NA	NA	NA	DYNLL1P5
NA	ENSG00000242152	0	NA	NA	NA	NA	
83864	ENSG00000242153	0	NA	NA	NA	NA	OFD1P6Y
NA	ENSG00000242154	0.51734507	0.00991169	0.38322157	0.78457391	NA	
NA	ENSG00000242156	0	NA	NA	NA	NA	
NA	ENSG00000242158	0	NA	NA	NA	NA	RN7SL361P
NA	ENSG00000242159	0	NA	NA	NA	NA	ABCF2P1
NA	ENSG00000242162	0	NA	NA	NA	NA	
NA	ENSG00000242163	0	NA	NA	NA	NA	

NA	ENSG00000242165	0	NA	NA	NA	NA	RN7SL222P
NA	ENSG00000242169	0	NA	NA	NA	NA	
NA	ENSG00000242170	0	NA	NA	NA	NA	RN7SL329P
398	ENSG00000242173	185.697933	-0.02246625	0.17197397	0.882669	0.94829441	ARHGDIG
NA	ENSG00000242175	0	NA	NA	NA	NA	RN7SL127P
NA	ENSG00000242176	0	NA	NA	NA	NA	RPL39P31
NA	ENSG00000242178	0	NA	NA	NA	NA	MTND4P17
NA	ENSG00000242182	0	NA	NA	NA	NA	RN7SL745P
NA	ENSG00000242186	0	NA	NA	NA	NA	
NA	ENSG00000242190	0	NA	NA	NA	NA	
730102	ENSG00000242193	2.99720586	-0.10597615	0.39372992	0.26061292	0.48260891	CRYZL2P
NA	ENSG00000242195	0	NA	NA	NA	NA	SRRM1P2
NA	ENSG00000242197	0	NA	NA	NA	NA	
NA	ENSG00000242198	4.72428596	-0.04850816	0.36515491	0.69751404	0.85389371	
NA	ENSG00000242199	1.10489182	-0.05354139	0.38610101	0.3436452	NA	
NA	ENSG00000242201	0	NA	NA	NA	NA	RN7SL215P
NA	ENSG00000242206	0	NA	NA	NA	NA	RPS26P35
100874351	ENSG00000242207	0	NA	NA	NA	NA	HOXB-AS4
NA	ENSG00000242208	0	NA	NA	NA	NA	RPL5P29
NA	ENSG00000242209	0	NA	NA	NA	NA	RPL32P12
NA	ENSG00000242214	0	NA	NA	NA	NA	MTND3P6
NA	ENSG00000242216	0	NA	NA	NA	NA	RN7SL97P
140290	ENSG00000242220	0.18922458	0.01954053	0.38488496	0.78225479	NA	TCP10L
5670	ENSG00000242221	0	NA	NA	NA	NA	PSG2
NA	ENSG00000242222	0	NA	NA	NA	NA	
NA	ENSG00000242229	1.08419756	0.02527005	0.38305376	0.60934212	NA	RPS3AP14
NA	ENSG00000242236	0.31682749	0.00122732	0.38336739	0.96609392	NA	RN7SL594P
NA	ENSG00000242241	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SL306P
NA	ENSG00000242242	1.40202533	0.09689839	0.40060629	0.08046257	NA	NECTIN3-AS1
NA	ENSG00000242244	0	NA	NA	NA	NA	ATP5MC1P3
NA	ENSG00000242246	0	NA	NA	NA	NA	
26286	ENSG00000242247	197.562885	-0.07033064	0.15600117	0.6208211	0.80662021	ARFGAP3
NA	ENSG00000242248	0	NA	NA	NA	NA	RPL7AP57
NA	ENSG00000242251	0	NA	NA	NA	NA	RN7SL20P
632	ENSG00000242252	13.5044383	1.15719148	0.98032011	0.00884807	0.03748274	BGLAP
NA	ENSG00000242255	0	NA	NA	NA	NA	RPL39P34
NA	ENSG00000242256	0	NA	NA	NA	NA	RN7SL57P
285972	ENSG00000242258	0.37844916	0.02407552	0.3854191	0.60038877	NA	LINC00996

128977	ENSG00000242259	591.580265	-0.10030517	0.10686055	0.3274834	0.55589242	C22orf39
NA	ENSG00000242261	49.5600965	-0.12439527	0.27039182	0.52499002	0.73755856	
NA	ENSG00000242262	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
23089	ENSG00000242265	4010.52529	9.13E-05	0.09007363	0.99941484	0.99966662	PEG10
NA	ENSG00000242266	0	NA	NA	NA	NA	RN7SL456P
NA	ENSG00000242267	3.45325107	0.17653403	0.42837176	0.10991837	0.26699075	SKINT1L
100507661	ENSG00000242268	3.16709043	0.14873624	0.41374348	0.14239258	0.32117652	LINC02082
NA	ENSG00000242272	0	NA	NA	NA	NA	AK2P2
NA	ENSG00000242276	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL5P3
NA	ENSG00000242278	0	NA	NA	NA	NA	RPS3AP48
NA	ENSG00000242279	0	NA	NA	NA	NA	
NA	ENSG00000242280	0	NA	NA	NA	NA	SLC16A1P1
NA	ENSG00000242281	0	NA	NA	NA	NA	RN7SL159P
NA	ENSG00000242282	4.48145147	0.07171523	0.37682453	0.51001067	0.72545712	
NA	ENSG00000242285	0	NA	NA	NA	NA	RPL6P8
113939925	ENSG00000242288	76.118069	-0.09183084	0.23807885	0.62401762	0.80828554	
101929754	ENSG00000242290	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ZBTB20-AS5
NA	ENSG00000242291	0	NA	NA	NA	NA	RPL36AP51
NA	ENSG00000242292	0	NA	NA	NA	NA	
NA	ENSG00000242293	0	NA	NA	NA	NA	RPS29P1
101735302	ENSG00000242294	443.791657	0.09943614	0.12158304	0.3889547	0.61818964	STAG3L5P
NA	ENSG00000242295	0	NA	NA	NA	NA	
NA	ENSG00000242296	0	NA	NA	NA	NA	DEFB109A
NA	ENSG00000242299	21.1867808	0.08407798	0.31639206	0.65427166	0.82790673	
NA	ENSG00000242307	1.11325765	-0.01591351	0.38203978	0.7532428	NA	RPS26P52
NA	ENSG00000242308	0	NA	NA	NA	NA	
NA	ENSG00000242314	0	NA	NA	NA	NA	RPL12P32
NA	ENSG00000242315	0	NA	NA	NA	NA	RN7SL685P
NA	ENSG00000242317	0	NA	NA	NA	NA	
NA	ENSG00000242318	0	NA	NA	NA	NA	
NA	ENSG00000242320	0	NA	NA	NA	NA	RPL21P126
NA	ENSG00000242321	0	NA	NA	NA	NA	RPL23AP40
NA	ENSG00000242324	0	NA	NA	NA	NA	
NA	ENSG00000242325	0.51571978	0.01608583	0.38317381	0.72824004	NA	RPS12P31
NA	ENSG00000242326	0	NA	NA	NA	NA	MCUR1P2
NA	ENSG00000242327	0	NA	NA	NA	NA	
NA	ENSG00000242329	0	NA	NA	NA	NA	
NA	ENSG00000242330	0	NA	NA	NA	NA	RN7SL683P

NA	ENSG00000242337	1.3686884	0.03337544	0.38228096	0.51942969	NA	INHCAP
NA	ENSG00000242338	40.2696854	0.27668571	0.31804207	0.19732364	0.40124024	BMS1P4
105377192	ENSG00000242339	0	NA	NA	NA	NA	LINC02025
NA	ENSG00000242341	0	NA	NA	NA	NA	RN7SL646P
NA	ENSG00000242348	0	NA	NA	NA	NA	RN7SL561P
NA	ENSG00000242352	0	NA	NA	NA	NA	FAM91A3P
NA	ENSG00000242353	0.84978026	-0.0083017	0.38145238	0.87381542	NA	RPL12P30
NA	ENSG00000242358	0	NA	NA	NA	NA	RPS21P4
NA	ENSG00000242360	0	NA	NA	NA	NA	RN7SL272P
NA	ENSG00000242364	0	NA	NA	NA	NA	
NA	ENSG00000242365	0	NA	NA	NA	NA	NDUFA5P5
54576	ENSG00000242366	0	NA	NA	NA	NA	UGT1A8
100874084	ENSG00000242370	0	NA	NA	NA	NA	KCNAB1-AS1
NA	ENSG00000242371	0	NA	NA	NA	NA	IGKV1-39
3692	ENSG00000242372	2140.56678	-0.14038547	0.06943425	0.03958174	0.12445351	EIF6
NA	ENSG00000242375	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000242381	0	NA	NA	NA	NA	RN7SL741P
100506724	ENSG00000242385	0	NA	NA	NA	NA	LINC00901
NA	ENSG00000242387	0	NA	NA	NA	NA	H2AC3P
378950	ENSG00000242389	0	NA	NA	NA	NA	RBMY1E
NA	ENSG00000242390	0	NA	NA	NA	NA	RPL6P9
NA	ENSG00000242391	0	NA	NA	NA	NA	
NA	ENSG00000242393	0	NA	NA	NA	NA	
NA	ENSG00000242396	1.56694607	0.04979949	0.38190689	0.51196157	NA	
NA	ENSG00000242398	0.34746601	0.02370763	0.3853651	0.61987128	NA	RN7SL800P
NA	ENSG00000242399	0	NA	NA	NA	NA	RPS20P23
NA	ENSG00000242405	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000242407	0	NA	NA	NA	NA	
NA	ENSG00000242411	0	NA	NA	NA	NA	
100169989	ENSG00000242412	0.82501847	0.01204345	0.38173195	0.81369884	NA	DBIL5P2
NA	ENSG00000242417	0	NA	NA	NA	NA	RPL18P1
56098	ENSG00000242419	738.913298	-0.43466509	0.34258814	0.06285139	0.17750484	PCDHGC4
NA	ENSG00000242423	0	NA	NA	NA	NA	RPL12P36
101929238	ENSG00000242428	0	NA	NA	NA	NA	CFAP20DC-AS1
NA	ENSG00000242430	0	NA	NA	NA	NA	RN7SL274P
NA	ENSG00000242431	0	NA	NA	NA	NA	
NA	ENSG00000242435	0.36277024	0.00129585	0.38336715	0.96357625	NA	UPK3BP1
NA	ENSG00000242436	0	NA	NA	NA	NA	RN7SL789P

NA	ENSG00000242439	0	NA	NA	NA	NA	
NA	ENSG00000242440	0	NA	NA	NA	NA	LINC02046
11036	ENSG00000242441	0	NA	NA	NA	NA	GTF2A1L
NA	ENSG00000242444	0	NA	NA	NA	NA	
NA	ENSG00000242445	0.9802801	-0.01958956	0.38100454	0.74095049	NA	RPL7AP11
NA	ENSG00000242456	0	NA	NA	NA	NA	MTCO3P38
NA	ENSG00000242457	3.82026812	-0.08052042	0.38056523	0.4483513	0.67234398	RBBP4P2
NA	ENSG00000242461	0	NA	NA	NA	NA	RPS15AP32
NA	ENSG00000242472	0	NA	NA	NA	NA	IGHJ5
NA	ENSG00000242473	0	NA	NA	NA	NA	KIR2DP1
NA	ENSG00000242474	163.372124	-0.12803934	0.24104544	0.49686012	0.71500229	
NA	ENSG00000242477	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000242479	2.36754255	-0.02151843	0.38043601	0.73365844	NA	
NA	ENSG00000242482	0	NA	NA	NA	NA	RN7SL392P
NA	ENSG00000242483	0	NA	NA	NA	NA	RN7SL293P
55052	ENSG00000242485	1391.88075	-0.24350551	0.07595263	0.00104623	0.00614119	MRPL20
NA	ENSG00000242488	0	NA	NA	NA	NA	
NA	ENSG00000242493	0	NA	NA	NA	NA	RN7SL37P
348110	ENSG00000242498	833.337628	-0.14372493	0.10676431	0.1597601	0.34735289	ARPIN
NA	ENSG00000242507	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000242509	0	NA	NA	NA	NA	RN7SL156P
NA	ENSG00000242510	0	NA	NA	NA	NA	NDUFB4P1
100996490	ENSG00000242512	0	NA	NA	NA	NA	LINC01206
54575	ENSG00000242515	0	NA	NA	NA	NA	UGT1A10
401074	ENSG00000242516	62.6273678	-0.0724327	0.24595707	0.70144191	0.85619586	LINC00960
NA	ENSG00000242520	0	NA	NA	NA	NA	MAGEA5
100874019	ENSG00000242522	0	NA	NA	NA	NA	KLHL6-AS1
NA	ENSG00000242524	0	NA	NA	NA	NA	OR2U2P
NA	ENSG00000242525	0	NA	NA	NA	NA	OR7E100P
NA	ENSG00000242527	0	NA	NA	NA	NA	
NA	ENSG00000242529	0	NA	NA	NA	NA	AHCYP8
NA	ENSG00000242531	0	NA	NA	NA	NA	
NA	ENSG00000242534	0	NA	NA	NA	NA	IGKV2D-28
NA	ENSG00000242536	0	NA	NA	NA	NA	
NA	ENSG00000242537	0	NA	NA	NA	NA	MRE11P1
NA	ENSG00000242539	54.5793716	-0.08526043	0.27028989	0.66006593	0.83146071	
NA	ENSG00000242540	1.17519289	0.0199729	0.37924207	0.77294808	NA	
NA	ENSG00000242545	0	NA	NA	NA	NA	

NA	ENSG00000242547	0	NA	NA	NA	NA	RN7SL169P
5273	ENSG00000242550	0	NA	NA	NA	NA	SERPINB10
NA	ENSG00000242551	2.09399365	-0.07264954	0.3866669	0.36065588	NA	POU5F1P6
NA	ENSG00000242552	0	NA	NA	NA	NA	MRPL42P4
NA	ENSG00000242553	10.804377	-0.05311942	0.34335239	0.73979631	0.87711	
NA	ENSG00000242559	0	NA	NA	NA	NA	RN7SL144P
NA	ENSG00000242560	0	NA	NA	NA	NA	RN7SL797P
NA	ENSG00000242561	0	NA	NA	NA	NA	ATP5MGP5
NA	ENSG00000242562	0	NA	NA	NA	NA	DCAF13P1
NA	ENSG00000242565	0	NA	NA	NA	NA	RN7SL372P
NA	ENSG00000242568	0	NA	NA	NA	NA	
NA	ENSG00000242571	2.72592397	0.14264912	0.41201208	0.13680017	0.31200314	RPL21P11
NA	ENSG00000242573	0	NA	NA	NA	NA	ACTR3P3
3109	ENSG00000242574	1.08377469	0.06119922	0.39083076	0.18583336	NA	HLA-DMB
NA	ENSG00000242575	0.85720752	0.04857842	0.38842543	0.27250728	NA	TUBAP13
NA	ENSG00000242578	0	NA	NA	NA	NA	
NA	ENSG00000242580	0	NA	NA	NA	NA	IGKV1D-43
NA	ENSG00000242583	0	NA	NA	NA	NA	KMT5AP3
NA	ENSG00000242586	0	NA	NA	NA	NA	
NA	ENSG00000242588	345.591995	0.07636218	0.12728618	0.52543358	0.73801083	
NA	ENSG00000242590	0	NA	NA	NA	NA	
NA	ENSG00000242593	328.451126	0.56201568	0.15843724	0.00012163	0.00090576	
NA	ENSG00000242595	0	NA	NA	NA	NA	RPL26P26
NA	ENSG00000242598	0.173733	0.01914545	0.38484597	0.78225479	NA	MED28P8
100130935	ENSG00000242599	15.9320914	-0.15017052	0.35344464	0.40840198	0.63650394	CSAG4
8512	ENSG00000242600	12.4312186	-0.12383206	0.34917442	0.48070112	0.70158112	MBL1P
NA	ENSG00000242602	0.34624801	-0.02356563	0.38536324	0.65270996	NA	RPL35AP13
NA	ENSG00000242607	0.86687229	0.03575058	0.38438986	0.45615021	NA	RPS3AP34
NA	ENSG00000242608	0	NA	NA	NA	NA	RPS23P5
NA	ENSG00000242609	0	NA	NA	NA	NA	CCDC137P
NA	ENSG00000242610	0.33471731	0.02354391	0.38534154	0.62842204	NA	OR5BH1P
NA	ENSG00000242611	0	NA	NA	NA	NA	
26063	ENSG00000242612	419.678691	0.62478349	0.15613404	1.66E-05	0.00015138	DECR2
NA	ENSG00000242613	0	NA	NA	NA	NA	
NA	ENSG00000242614	0	NA	NA	NA	NA	RN7SL164P
NA	ENSG00000242615	34.4862524	-0.01553634	0.29548884	0.93242199	0.97195497	
2790	ENSG00000242616	442.821056	-0.49336734	0.1246357	2.98E-05	0.00025655	GNG10
NA	ENSG00000242618	0	NA	NA	NA	NA	

NA	ENSG00000242622	65.5425152	0.10600452	0.23998903	0.57560283	0.7744446	
NA	ENSG00000242628	27.9056195	0.63665017	1.03299062	0.01409026	0.05487356	
NA	ENSG00000242634	0	NA	NA	NA	NA	RPS24P16
NA	ENSG00000242635	0	NA	NA	NA	NA	RPS14P7
NA	ENSG00000242636	0.36307598	0.02389562	0.38539254	0.60990648	NA	RPL21P129
NA	ENSG00000242638	0	NA	NA	NA	NA	RN7SL294P
NA	ENSG00000242640	0	NA	NA	NA	NA	RPS29P11
440970	ENSG00000242641	0	NA	NA	NA	NA	LINC00971
NA	ENSG00000242650	0	NA	NA	NA	NA	RN7SL292P
NA	ENSG00000242651	0	NA	NA	NA	NA	RN7SL862P
NA	ENSG00000242653	0	NA	NA	NA	NA	RN7SL132P
NA	ENSG00000242654	0	NA	NA	NA	NA	RPL32P14
NA	ENSG00000242657	0	NA	NA	NA	NA	RN7SL581P
NA	ENSG00000242659	0.48464252	-0.00617416	0.38314147	0.87171398	NA	
NA	ENSG00000242660	0	NA	NA	NA	NA	
NA	ENSG00000242661	0	NA	NA	NA	NA	RPS3AP43
NA	ENSG00000242667	0.30001543	-0.02294458	0.38527538	0.68644903	NA	
NA	ENSG00000242668	0	NA	NA	NA	NA	RN7SL317P
NA	ENSG00000242670	0	NA	NA	NA	NA	RPL22P13
NA	ENSG00000242671	0	NA	NA	NA	NA	LINC02010
NA	ENSG00000242673	0	NA	NA	NA	NA	RN7SL167P
NA	ENSG00000242675	0	NA	NA	NA	NA	RPS16P9
NA	ENSG00000242683	0	NA	NA	NA	NA	RPL12P21
101928521	ENSG00000242686	108.357123	1.10044807	0.23748837	3.92E-07	4.75E-06	PDE6B-AS1
NA	ENSG00000242688	0	NA	NA	NA	NA	RN7SL304P
1270	ENSG00000242689	64.4214321	-0.18071041	0.2583751	0.35661526	0.58670273	CNTF
NA	ENSG00000242692	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPS27AP1
NA	ENSG00000242696	0	NA	NA	NA	NA	RN7SL40P
NA	ENSG00000242697	0	NA	NA	NA	NA	RPL5P12
NA	ENSG00000242699	0	NA	NA	NA	NA	RN7SL516P
NA	ENSG00000242703	0	NA	NA	NA	NA	CCT4P1
NA	ENSG00000242705	0	NA	NA	NA	NA	ICE2P2
NA	ENSG00000242706	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPS27AP9
NA	ENSG00000242707	0	NA	NA	NA	NA	RN7SL362P
NA	ENSG00000242709	0	NA	NA	NA	NA	RPL30P9
728591	ENSG00000242715	59.6081371	-0.47114542	0.3010552	0.03672624	0.11778994	CCDC169
NA	ENSG00000242719	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL806P
NA	ENSG00000242727	0	NA	NA	NA	NA	

NA	ENSG00000242728	0	NA	NA	NA	NA	UQCRHP4
NA	ENSG00000242729	0	NA	NA	NA	NA	
NA	ENSG00000242731	0	NA	NA	NA	NA	FAM86LP
340526	ENSG00000242732	2064.92186	-0.1415998	0.06507365	0.02741385	0.09343597	RTL5
NA	ENSG00000242735	5.98144816	-0.05848095	0.37017717	0.61918915	0.8053437	RPSAP26
NA	ENSG00000242736	0	NA	NA	NA	NA	TRBV1
NA	ENSG00000242737	0	NA	NA	NA	NA	
NA	ENSG00000242741	0.51549759	0.02199626	0.38378485	0.65799367	NA	LINC02005
NA	ENSG00000242747	0	NA	NA	NA	NA	
NA	ENSG00000242748	8.99296193	0.03938667	0.34972708	0.79516809	0.90585603	RPL23AP81
NA	ENSG00000242752	0	NA	NA	NA	NA	NMTRQ-TTG12-1
NA	ENSG00000242753	0	NA	NA	NA	NA	
NA	ENSG00000242756	0	NA	NA	NA	NA	RHOT1P3
NA	ENSG00000242757	0	NA	NA	NA	NA	
NA	ENSG00000242759	14.4686798	0.23615724	0.40540446	0.20935132	0.41760809	LINC00882
NA	ENSG00000242764	0	NA	NA	NA	NA	RN7SL824P
NA	ENSG00000242766	0	NA	NA	NA	NA	IGKV1D-17
100874131	ENSG00000242767	0.32345582	0.0017083	0.38337178	0.96472715	NA	ZBTB20-AS4
NA	ENSG00000242768	0	NA	NA	NA	NA	
NA	ENSG00000242769	0	NA	NA	NA	NA	RN7SL432P
NA	ENSG00000242770	0	NA	NA	NA	NA	CD200R1L-AS1
NA	ENSG00000242771	0	NA	NA	NA	NA	TRBV5-2
NA	ENSG00000242775	0	NA	NA	NA	NA	
79986	ENSG00000242779	80.1111502	-0.04138312	0.24535871	0.82534469	0.92066374	ZNF702P
105377175	ENSG00000242781	0	NA	NA	NA	NA	LINC02050
NA	ENSG00000242790	0	NA	NA	NA	NA	
NA	ENSG00000242791	1.13446026	0.0074876	0.37961944	0.89816692	NA	
NA	ENSG00000242793	0	NA	NA	NA	NA	
NA	ENSG00000242794	0	NA	NA	NA	NA	RN7SL299P
NA	ENSG00000242795	0	NA	NA	NA	NA	
NA	ENSG00000242797	24.9275862	0.04234	0.30846222	0.82217928	0.91878095	GLYCTK-AS1
NA	ENSG00000242798	19.0608075	0.24054222	0.36601013	0.2434095	0.46186348	
9907	ENSG00000242802	763.344252	0.10517152	0.10692272	0.30591267	0.53356548	AP5Z1
NA	ENSG00000242807	0	NA	NA	NA	NA	RPL26P31
347689	ENSG00000242808	3.92786276	0.01711599	0.3695876	0.87116757	0.94384401	SOX2-OT
NA	ENSG00000242810	0	NA	NA	NA	NA	MRPL42P6
NA	ENSG00000242811	0	NA	NA	NA	NA	RN7SL229P
NA	ENSG00000242814	0	NA	NA	NA	NA	

NA	ENSG00000242816	0	NA	NA	NA	NA	
NA	ENSG00000242818	0	NA	NA	NA	NA	RN7SL846P
NA	ENSG00000242828	0	NA	NA	NA	NA	
NA	ENSG00000242829	2.44692913	0.12005961	0.40134219	0.19002277	NA	RPS26P21
NA	ENSG00000242834	0	NA	NA	NA	NA	RPL7AP56
NA	ENSG00000242836	0	NA	NA	NA	NA	MTCO3P35
NA	ENSG00000242837	0	NA	NA	NA	NA	RPL21P13
NA	ENSG00000242841	0	NA	NA	NA	NA	KRT8P35
NA	ENSG00000242849	0	NA	NA	NA	NA	ALDOAP1
NA	ENSG00000242850	0	NA	NA	NA	NA	RPL23AP68
163051	ENSG00000242852	110.217896	0.03434138	0.20387694	0.84500263	0.92965052	ZNF709
NA	ENSG00000242853	0	NA	NA	NA	NA	RN7SL749P
NA	ENSG00000242854	0	NA	NA	NA	NA	DNM1P24
NA	ENSG00000242855	0	NA	NA	NA	NA	RN7SL496P
NA	ENSG00000242856	0	NA	NA	NA	NA	VN1R105P
NA	ENSG00000242858	0	NA	NA	NA	NA	
NA	ENSG00000242860	0	NA	NA	NA	NA	RN7SL180P
NA	ENSG00000242861	0.87348916	0.03613127	0.38443722	0.45214812	NA	
NA	ENSG00000242863	0	NA	NA	NA	NA	RN7SL677P
NA	ENSG00000242865	0	NA	NA	NA	NA	RN7SL244P
161497	ENSG00000242866	15.857019	-0.01886873	0.33459921	0.90472957	0.95824443	STRC
378948	ENSG00000242875	0	NA	NA	NA	NA	RBMY1B
NA	ENSG00000242876	1.09321432	-0.05978501	0.39051881	0.20395169	NA	RN7SL812P
NA	ENSG00000242880	2.71936094	-0.04536529	0.38000913	0.56531488	0.76733419	
NA	ENSG00000242882	0.85342255	0.0114008	0.38157474	0.82585778	NA	RPL5P11
NA	ENSG00000242887	0	NA	NA	NA	NA	IGHJ3
NA	ENSG00000242888	0.6172547	-0.01996111	0.38311777	0.68390028	NA	
NA	ENSG00000242889	2.14447571	-0.01383208	0.37758929	0.8521262	NA	RN7SL449P
NA	ENSG00000242893	0	NA	NA	NA	NA	RN7SL413P
NA	ENSG00000242894	0	NA	NA	NA	NA	RN7SL634P
NA	ENSG00000242899	0.31916953	0.00190159	0.3833742	0.95885748	NA	RPL7P16
110806300	ENSG00000242902	0	NA	NA	NA	NA	FLNC-AS1
NA	ENSG00000242908	0	NA	NA	NA	NA	AADAACL2-AS1
NA	ENSG00000242911	0	NA	NA	NA	NA	
NA	ENSG00000242912	0	NA	NA	NA	NA	RN7SL384P
NA	ENSG00000242915	0	NA	NA	NA	NA	SNRPGP7
NA	ENSG00000242922	0	NA	NA	NA	NA	RPL21P104
100874036	ENSG00000242925	0	NA	NA	NA	NA	PLCH1-AS2

NA	ENSG00000242928	0	NA	NA	NA	NA	RN7SL868P
NA	ENSG00000242931	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL7P49
NA	ENSG00000242936	0	NA	NA	NA	NA	RPL30P6
NA	ENSG00000242941	0.46775827	-0.00945959	0.38288155	0.84939236	NA	RPL12P7
NA	ENSG00000242943	0	NA	NA	NA	NA	NKAIN1P1
NA	ENSG00000242945	0	NA	NA	NA	NA	RPL29P32
NA	ENSG00000242948	0	NA	NA	NA	NA	EPS15P1
30816	ENSG00000242950	18.688428	0.05792333	0.32721543	0.74448313	0.87966141	ERVW-1
NA	ENSG00000242951	0	NA	NA	NA	NA	
NA	ENSG00000242952	0	NA	NA	NA	NA	RPSAP3
NA	ENSG00000242953	0	NA	NA	NA	NA	
NA	ENSG00000242958	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000242960	0.173124	-0.01911262	0.38486262	0.84537521	NA	FTH1P23
NA	ENSG00000242963	0	NA	NA	NA	NA	
NA	ENSG00000242968	0	NA	NA	NA	NA	
NA	ENSG00000242970	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000242971	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL233P
101926934	ENSG00000242973	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000242976	0	NA	NA	NA	NA	RN7SL177P
NA	ENSG00000242978	0	NA	NA	NA	NA	PPIAP83
NA	ENSG00000242979	0.31847737	0.00140591	0.38336886	0.96360826	NA	RPS15AP18
NA	ENSG00000242983	0	NA	NA	NA	NA	CABYRP1
NA	ENSG00000242985	0	NA	NA	NA	NA	RN7SL50P
NA	ENSG00000242986	0	NA	NA	NA	NA	RPL21P99
NA	ENSG00000242989	0	NA	NA	NA	NA	RN7SL332P
NA	ENSG00000242990	0	NA	NA	NA	NA	RPL13AP23
NA	ENSG00000242991	0	NA	NA	NA	NA	RPL7P40
NA	ENSG00000242992	0	NA	NA	NA	NA	FTH1P4
NA	ENSG00000242993	0	NA	NA	NA	NA	RPL32P25
NA	ENSG00000242995	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000242998	0	NA	NA	NA	NA	RN7SL379P
NA	ENSG00000242999	0.80579235	-0.00649344	0.38080095	0.90865917	NA	RN7SL239P
NA	ENSG00000243004	3.12787538	0.00578089	0.37091748	0.95555169	0.9817278	
NA	ENSG00000243005	0	NA	NA	NA	NA	RN7SL16P
NA	ENSG00000243007	0	NA	NA	NA	NA	RPL12P35
NA	ENSG00000243008	16.5840895	3.07927368	0.77544387	4.14E-06	4.22E-05	
NA	ENSG00000243011	0	NA	NA	NA	NA	RN7SL266P
NA	ENSG00000243014	0.16735865	0.01897177	0.38482933	0.78225479	NA	PTMAP8

NA	ENSG00000243015	0	NA	NA	NA	NA	RN7SL737P
NA	ENSG00000243016	0	NA	NA	NA	NA	
NA	ENSG00000243018	0	NA	NA	NA	NA	
NA	ENSG00000243020	0	NA	NA	NA	NA	RPL7P39
NA	ENSG00000243022	0.68668015	0.00036592	0.38183963	0.99253125	NA	MARK3P3
NA	ENSG00000243023	0	NA	NA	NA	NA	UBA52P3
NA	ENSG00000243024	4.48929147	0.04362666	0.37013829	0.69360465	0.85183585	
NA	ENSG00000243025	0	NA	NA	NA	NA	MTAPP1
NA	ENSG00000243027	0	NA	NA	NA	NA	RN7SL354P
NA	ENSG00000243029	0	NA	NA	NA	NA	RN7SL635P
NA	ENSG00000243033	0	NA	NA	NA	NA	GAPDHP47
NA	ENSG00000243035	0	NA	NA	NA	NA	RN7SL810P
NA	ENSG00000243038	0	NA	NA	NA	NA	
159162	ENSG00000243040	0	NA	NA	NA	NA	RBMY2FP
NA	ENSG00000243044	0	NA	NA	NA	NA	
NA	ENSG00000243048	0	NA	NA	NA	NA	FTHL18
NA	ENSG00000243049	0	NA	NA	NA	NA	RN7SL33P
NA	ENSG00000243050	0	NA	NA	NA	NA	RPL30P10
NA	ENSG00000243051	0	NA	NA	NA	NA	RN7SL269P
NA	ENSG00000243053	0	NA	NA	NA	NA	RPL31P58
NA	ENSG00000243055	3.27247813	0.01753983	0.36908795	0.87120037	0.94384401	GK-AS1
8637	ENSG00000243056	3.35833394	0.0670773	0.3799615	0.4919289	0.7110834	EIF4EBP3
NA	ENSG00000243058	0	NA	NA	NA	NA	RPL39P33
NA	ENSG00000243059	0	NA	NA	NA	NA	RN7SL400P
148753	ENSG00000243062	1.02108245	0.02425248	0.38121443	0.68888302	NA	
NA	ENSG00000243063	0	NA	NA	NA	NA	IGKV3-7
150000	ENSG00000243064	0	NA	NA	NA	NA	ABCC13
NA	ENSG00000243066	0	NA	NA	NA	NA	RN7SL842P
100507524	ENSG00000243069	8.06775798	-0.39797817	0.61047174	0.04868369	0.14597015	ARHGEF26-AS1
NA	ENSG00000243071	2.17946302	0.02856721	0.3740002	0.7626299	NA	
NA	ENSG00000243072	0	NA	NA	NA	NA	
400735	ENSG00000243073	0	NA	NA	NA	NA	PRAMEF4
NA	ENSG00000243075	0	NA	NA	NA	NA	RN7SL519P
NA	ENSG00000243081	0	NA	NA	NA	NA	
201617	ENSG00000243083	7.04671994	0.06533761	0.37120948	0.57684503	0.77537977	LINC00870
NA	ENSG00000243085	0	NA	NA	NA	NA	
NA	ENSG00000243089	0	NA	NA	NA	NA	
NA	ENSG00000243094	1.47651302	0.04843909	0.38206454	0.51582734	NA	RPL32P2

NA	ENSG00000243095	0	NA	NA	NA	NA	RPL3P10
NA	ENSG00000243099	0	NA	NA	NA	NA	
NA	ENSG00000243101	0	NA	NA	NA	NA	RPS3P7
NA	ENSG00000243103	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL452P
NA	ENSG00000243104	0	NA	NA	NA	NA	MTND4LP14
NA	ENSG00000243107	36.8858246	-0.1943492	0.31206478	0.34066093	0.57088546	
NA	ENSG00000243115	0	NA	NA	NA	NA	RN7SL849P
NA	ENSG00000243116	0	NA	NA	NA	NA	
NA	ENSG00000243122	0	NA	NA	NA	NA	
NA	ENSG00000243124	0	NA	NA	NA	NA	RN7SL643P
NA	ENSG00000243125	0	NA	NA	NA	NA	RN7SL807P
NA	ENSG00000243129	0	NA	NA	NA	NA	
5680	ENSG00000243130	0	NA	NA	NA	NA	PSG11
NA	ENSG00000243136	0	NA	NA	NA	NA	RN7SL22P
5672	ENSG00000243137	0	NA	NA	NA	NA	PSG4
NA	ENSG00000243141	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL23AP66
NA	ENSG00000243144	0.5661881	0.00637436	0.38255159	0.97543542	NA	
9553	ENSG00000243147	648.794467	-0.17085486	0.10660204	0.09445856	0.23891609	MRPL33
NA	ENSG00000243149	0	NA	NA	NA	NA	LINC02040
100996447	ENSG00000243150	0	NA	NA	NA	NA	
NA	ENSG00000243154	0	NA	NA	NA	NA	SYPL1P1
NA	ENSG00000243155	47.2937655	0.24278364	0.28227583	0.23836442	0.45590958	
57553	ENSG00000243156	1715.74145	-0.13449922	0.08373441	0.09894523	0.24742544	MICAL3
NA	ENSG00000243160	0	NA	NA	NA	NA	
NA	ENSG00000243164	0	NA	NA	NA	NA	
NA	ENSG00000243165	0	NA	NA	NA	NA	
NA	ENSG00000243167	0	NA	NA	NA	NA	RPS10P28
NA	ENSG00000243171	0	NA	NA	NA	NA	
NA	ENSG00000243173	0.32320803	0.00153348	0.38336993	0.96639996	NA	RN7SL861P
NA	ENSG00000243175	2.22401523	0.11172761	0.39846754	0.20887694	NA	RPSAP36
NA	ENSG00000243176	26.2054362	0.13875124	0.31541698	0.47845002	0.70013633	
NA	ENSG00000243179	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000243181	0	NA	NA	NA	NA	
NA	ENSG00000243187	0	NA	NA	NA	NA	CCDC39-AS1
NA	ENSG00000243188	0	NA	NA	NA	NA	HNRNPA1P17
NA	ENSG00000243193	0.29863895	-0.02292439	0.3852726	0.68753245	NA	PRKAR2B-AS1
NA	ENSG00000243195	0	NA	NA	NA	NA	TUBBP11
285194	ENSG00000243197	0.59158236	-0.03381752	0.38626285	0.48698277	NA	TUSC7

NA	ENSG00000243199	7.72954873	0.03352507	0.34919966	0.82453373	0.92032344	
692312	ENSG00000243207	388.310391	-0.08176608	0.15458423	0.56237258	0.76552124	PPAN-P2RY11
101929054	ENSG00000243224	31.9843492	0.28712778	0.34534331	0.18754146	0.38786275	
NA	ENSG00000243225	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000243227	0	NA	NA	NA	NA	RN7SL55P
NA	ENSG00000243230	8.84922161	0.47285282	0.70018966	0.04049684	0.12654862	
56134	ENSG00000243232	600.451056	-0.18154913	0.10900773	0.0815261	0.21429626	PCDHAC2
NA	ENSG00000243234	0	NA	NA	NA	NA	
NA	ENSG00000243236	0	NA	NA	NA	NA	GSTA9P
NA	ENSG00000243238	0	NA	NA	NA	NA	IGKV2-30
NA	ENSG00000243243	2.04976984	0.0162946	0.37716305	0.8351772	NA	
11037	ENSG00000243244	168.575944	0.08725344	0.17693997	0.57946256	0.77706744	STON1
NA	ENSG00000243250	0.4698562	-0.02827018	0.38579374	0.54574443	NA	RPS6P16
NA	ENSG00000243254	0	NA	NA	NA	NA	RN7SL350P
NA	ENSG00000243256	0	NA	NA	NA	NA	RPL30P14
NA	ENSG00000243257	0	NA	NA	NA	NA	MTCO2P29
NA	ENSG00000243260	0.33471731	0.02354391	0.38534154	0.62842204	NA	RN7SL558P
NA	ENSG00000243264	0	NA	NA	NA	NA	IGKV2D-29
NA	ENSG00000243265	0.35719942	0.02382079	0.38538164	0.6137554	NA	RPL23AP55
NA	ENSG00000243267	0	NA	NA	NA	NA	RN7SL614P
NA	ENSG00000243273	0	NA	NA	NA	NA	
NA	ENSG00000243274	0	NA	NA	NA	NA	RN7SL571P
NA	ENSG00000243276	0	NA	NA	NA	NA	
11230	ENSG00000243279	841.542004	0.01227225	0.08952101	0.88870016	0.95146564	PRAF2
NA	ENSG00000243280	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
391123	ENSG00000243284	0.48250734	0.0104392	0.38335466	0.79810238	NA	VSIG8
NA	ENSG00000243287	0	NA	NA	NA	NA	RPS17P14
NA	ENSG00000243289	2.48776173	0.17971595	0.44082596	0.03450979	NA	AGAP13P
NA	ENSG00000243290	0	NA	NA	NA	NA	IGKV1-12
NA	ENSG00000243295	0	NA	NA	NA	NA	
NA	ENSG00000243296	0	NA	NA	NA	NA	
NA	ENSG00000243297	0.173733	0.01914545	0.38484597	0.78225479	NA	RPL31P61
NA	ENSG00000243302	274.701734	0.10181855	0.13901067	0.4324384	0.65788827	
NA	ENSG00000243303	0	NA	NA	NA	NA	
NA	ENSG00000243304	1.18940872	0.05088149	0.38367896	0.46032606	NA	
NA	ENSG00000243305	0	NA	NA	NA	NA	
NA	ENSG00000243307	2.12257864	-0.02942412	0.37530875	0.74200841	NA	POM121L6P
NA	ENSG00000243312	0.48575961	0.01089219	0.38337587	0.79110161	NA	

NA	ENSG00000243313	0	NA	NA	NA	NA	RN7SL285P
NA	ENSG00000243314	0	NA	NA	NA	NA	
NA	ENSG00000243316	0	NA	NA	NA	NA	GUCY2GP
647087	ENSG00000243317	905.838191	-0.0728246	0.09405621	0.4203925	0.6462065	STMP1
283480	ENSG00000243319	3.47618784	0.00367352	0.36757375	0.97501005	0.99122005	FGF14-IT1
107986046	ENSG00000243321	0	NA	NA	NA	NA	LINC01998
148713	ENSG00000243323	20.1439373	0.82174759	0.79406234	0.01744719	0.06525018	PTPRVP
NA	ENSG00000243328	0	NA	NA	NA	NA	
NA	ENSG00000243333	0	NA	NA	NA	NA	RN7SL174P
154881	ENSG00000243335	855.960877	0.19200708	0.09578583	0.03816479	0.12118909	KCTD7
NA	ENSG00000243338	0	NA	NA	NA	NA	RN7SL307P
NA	ENSG00000243339	0.34045199	-0.00011143	0.38336218	0.96630893	NA	RN7SL738P
NA	ENSG00000243345	0	NA	NA	NA	NA	
NA	ENSG00000243346	0	NA	NA	NA	NA	RN7SL601P
NA	ENSG00000243347	0	NA	NA	NA	NA	LINC02045
NA	ENSG00000243349	0	NA	NA	NA	NA	
NA	ENSG00000243352	0	NA	NA	NA	NA	RN7SL8P
NA	ENSG00000243353	0	NA	NA	NA	NA	RPS29P19
NA	ENSG00000243355	0.34105512	0.0236261	0.38535333	0.62413487	NA	
NA	ENSG00000243359	0.7880586	-0.0068543	0.38151778	0.8949678	NA	RN7SL815P
1945	ENSG00000243364	171.918453	1.94530213	0.20229938	5.09E-23	2.21E-21	EFNA4
NA	ENSG00000243365	0	NA	NA	NA	NA	RN7SL278P
NA	ENSG00000243366	0	NA	NA	NA	NA	RN7SL60P
NA	ENSG00000243368	5.97978557	-0.03690868	0.35833263	0.78373014	0.9014745	MCCC1-AS1
NA	ENSG00000243370	0.72955384	0.02697334	0.38356341	0.55504355	NA	RN7SL775P
NA	ENSG00000243373	0	NA	NA	NA	NA	RN7SL173P
NA	ENSG00000243374	0	NA	NA	NA	NA	RN7SL72P
NA	ENSG00000243378	0	NA	NA	NA	NA	
NA	ENSG00000243383	0	NA	NA	NA	NA	RN7SL89P
NA	ENSG00000243384	0	NA	NA	NA	NA	
NA	ENSG00000243385	0	NA	NA	NA	NA	
NA	ENSG00000243388	0	NA	NA	NA	NA	RPL3P3
NA	ENSG00000243389	3.85475305	0.02007097	0.36842239	0.85622574	0.93595144	
NA	ENSG00000243396	0	NA	NA	NA	NA	RPL32P7
NA	ENSG00000243398	0	NA	NA	NA	NA	RN7SL141P
NA	ENSG00000243402	0.31667257	0.00106922	0.38336622	0.96760856	NA	
NA	ENSG00000243403	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000243404	0.33471731	0.02354391	0.38534154	0.62842204	NA	RPL35AP32

100887750	ENSG00000243406	347.527316	0.18358923	0.14756959	0.17722865	0.37216515	MRPS31P5
NA	ENSG00000243410	0	NA	NA	NA	NA	PSMD6-AS1
353376	ENSG00000243414	0.68272719	0.00487731	0.38246555	0.90919376	NA	TICAM2
NA	ENSG00000243415	0	NA	NA	NA	NA	
NA	ENSG00000243417	0	NA	NA	NA	NA	RPS3AP18
NA	ENSG00000243420	0	NA	NA	NA	NA	RN7SL734P
NA	ENSG00000243422	32.183161	1.03630361	0.44624216	0.0017309	0.00947339	RPL23AP49
NA	ENSG00000243423	0	NA	NA	NA	NA	
NA	ENSG00000243424	0	NA	NA	NA	NA	RN7SL107P
NA	ENSG00000243426	0	NA	NA	NA	NA	RN7SL454P
NA	ENSG00000243429	0.79443515	-0.00515605	0.38214716	0.9123378	NA	OR7E29P
NA	ENSG00000243431	11.1456551	-0.05487152	0.34241902	0.73389446	0.87327664	RPL5P30
NA	ENSG00000243433	4.00779841	0.06555573	0.37272416	0.57496119	0.77384371	
NA	ENSG00000243437	0	NA	NA	NA	NA	RN7SL370P
NA	ENSG00000243438	0	NA	NA	NA	NA	LARP1BP2
NA	ENSG00000243439	0	NA	NA	NA	NA	RN7SL352P
NA	ENSG00000243445	0.66763811	-0.02111416	0.3830967	0.65774771	NA	
NA	ENSG00000243446	0	NA	NA	NA	NA	RN7SL284P
401115	ENSG00000243449	810.518195	0.24556569	0.11357483	0.02325891	0.08224146	C4orf48
NA	ENSG00000243455	0	NA	NA	NA	NA	RPS18P13
NA	ENSG00000243466	0	NA	NA	NA	NA	IGKV1-5
27160	ENSG00000243468	0	NA	NA	NA	NA	INGX
NA	ENSG00000243469	0	NA	NA	NA	NA	RPL7P51
24142	ENSG00000243477	125.813953	0.01082543	0.19166131	0.94656648	0.97814213	NAA80
NA	ENSG00000243478	0	NA	NA	NA	NA	AOX2P
645249	ENSG00000243479	0	NA	NA	NA	NA	MNX1-AS1
279	ENSG00000243480	0	NA	NA	NA	NA	AMY2A
NA	ENSG00000243483	0	NA	NA	NA	NA	
NA	ENSG00000243485	0	NA	NA	NA	NA	MIR1302-2HG
NA	ENSG00000243486	0	NA	NA	NA	NA	
NA	ENSG00000243488	0	NA	NA	NA	NA	RN7SL337P
386678	ENSG00000243489	0	NA	NA	NA	NA	KRTAP10-11
NA	ENSG00000243491	0	NA	NA	NA	NA	
NA	ENSG00000243494	0	NA	NA	NA	NA	
NA	ENSG00000243495	0	NA	NA	NA	NA	GMFBP1
NA	ENSG00000243498	0	NA	NA	NA	NA	UBA52P5
NA	ENSG00000243499	0	NA	NA	NA	NA	RPS6P21
NA	ENSG00000243501	0.45209736	-0.02505403	0.38558831	0.57865948	NA	

NA	ENSG00000243503	0	NA	NA	NA	NA	
NA	ENSG00000243504	0.32539995	0.00199832	0.38337525	0.96117945	NA	RPS23P1
NA	ENSG00000243505	0	NA	NA	NA	NA	RN7SL240P
NA	ENSG00000243507	0	NA	NA	NA	NA	
NA	ENSG00000243508	0.173124	-0.01911262	0.38486262	0.84537521	NA	DNAJB6P7
8771	ENSG00000243509	0	NA	NA	NA	NA	TNFRSF6B
NA	ENSG00000243510	0	NA	NA	NA	NA	RN7SL111P
NA	ENSG00000243514	0	NA	NA	NA	NA	RPL32P33
NA	ENSG00000243516	0	NA	NA	NA	NA	RPL12P40
NA	ENSG00000243517	1.53488294	0.02262108	0.37825653	0.76351586	NA	
NA	ENSG00000243518	0	NA	NA	NA	NA	
NA	ENSG00000243519	0.16735865	0.01897177	0.38482933	0.78225479	NA	IGLVIVOR22-2
NA	ENSG00000243521	0	NA	NA	NA	NA	RPL5P33
NA	ENSG00000243531	0	NA	NA	NA	NA	
NA	ENSG00000243532	0	NA	NA	NA	NA	RN7SL19P
NA	ENSG00000243537	0	NA	NA	NA	NA	RPL32P20
NA	ENSG00000243538	0	NA	NA	NA	NA	RPS26P28
NA	ENSG00000243539	0	NA	NA	NA	NA	RN7SL649P
NA	ENSG00000243541	0	NA	NA	NA	NA	RN7SL104P
140870	ENSG00000243543	0	NA	NA	NA	NA	WFDC6
NA	ENSG00000243544	0	NA	NA	NA	NA	RN7SL172P
NA	ENSG00000243546	0	NA	NA	NA	NA	RN7SL108P
NA	ENSG00000243547	0.30001729	-0.0229446	0.38527539	0.68644787	NA	HNRNPKP4
NA	ENSG00000243548	0	NA	NA	NA	NA	RN7SL101P
NA	ENSG00000243549	0	NA	NA	NA	NA	RN7SL705P
NA	ENSG00000243550	0	NA	NA	NA	NA	LINC01214
NA	ENSG00000243554	8.86884943	0.1646898	0.38769663	0.30418542	0.53153416	
NA	ENSG00000243560	0	NA	NA	NA	NA	RN7SL364P
NA	ENSG00000243562	0.34746601	0.02370763	0.3853651	0.61987128	NA	RN7SL838P
105375355	ENSG00000243566	2.29091206	0.05289829	0.38009139	0.53670876	NA	UPK3B
NA	ENSG00000243568	0.32265033	-0.0232555	0.38531889	0.66951484	NA	
105377096	ENSG00000243572	0	NA	NA	NA	NA	LINC02017
NA	ENSG00000243574	1.14894321	-0.00767628	0.38042588	0.89577363	NA	
NA	ENSG00000243581	0	NA	NA	NA	NA	RPS29P25
NA	ENSG00000243584	0	NA	NA	NA	NA	
NA	ENSG00000243591	0	NA	NA	NA	NA	RN7SL282P
NA	ENSG00000243592	0	NA	NA	NA	NA	RPL17P22
101926983	ENSG00000243593	0	NA	NA	NA	NA	LINC02049

NA	ENSG00000243596	0	NA	NA	NA	NA	
NA	ENSG00000243601	0	NA	NA	NA	NA	RPL12P24
NA	ENSG00000243607	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL35AP26
NA	ENSG00000243609	0	NA	NA	NA	NA	RPS2P44
NA	ENSG00000243613	0	NA	NA	NA	NA	
NA	ENSG00000243620	1.11313104	0.05581711	0.38544037	0.38618816	NA	
NA	ENSG00000243621	0	NA	NA	NA	NA	
388820	ENSG00000243627	0.33471731	0.02354391	0.38534154	0.62842204	NA	SMIM34A
339894	ENSG00000243629	0	NA	NA	NA	NA	LINC00880
NA	ENSG00000243633	0	NA	NA	NA	NA	RN7SL542P
NA	ENSG00000243635	0	NA	NA	NA	NA	
NA	ENSG00000243636	0	NA	NA	NA	NA	
NA	ENSG00000243641	0	NA	NA	NA	NA	OR13C7
NA	ENSG00000243642	0	NA	NA	NA	NA	RN7SL526P
NA	ENSG00000243643	0	NA	NA	NA	NA	TSPY20P
3588	ENSG00000243646	229.049321	0.51073848	0.18067586	0.00164206	0.00906721	IL10RB
NA	ENSG00000243648	0.52119901	0.02576573	0.38568143	0.51723676	NA	
629	ENSG00000243649	0.96625492	0.0492309	0.38473651	0.42325958	NA	CFB
NA	ENSG00000243650	0	NA	NA	NA	NA	RN7SL834P
NA	ENSG00000243655	0	NA	NA	NA	NA	
NA	ENSG00000243658	0	NA	NA	NA	NA	MTND5P16
NA	ENSG00000243659	0	NA	NA	NA	NA	
642819	ENSG00000243660	23.1667664	0.27216705	0.41436803	0.17292086	0.36578929	ZNF487
NA	ENSG00000243661	0	NA	NA	NA	NA	WBP1LP1
NA	ENSG00000243663	0.173733	0.01914545	0.38484597	0.78225479	NA	RPS4XP14
NA	ENSG00000243664	0	NA	NA	NA	NA	RPS29P12
116143	ENSG00000243667	193.103902	-0.07649056	0.17078313	0.61577647	0.80301072	WDR92
NA	ENSG00000243669	0	NA	NA	NA	NA	RPL34P23
NA	ENSG00000243671	0	NA	NA	NA	NA	RN7SL761P
NA	ENSG00000243672	0	NA	NA	NA	NA	RPS3AP40
NA	ENSG00000243674	0	NA	NA	NA	NA	OR7E66P
NA	ENSG00000243675	0.34119172	0.02362715	0.38535349	0.62406247	NA	RPL35AP9
4831	ENSG00000243678	5598.64935	-0.44610419	0.05793971	6.46E-15	1.75E-13	NME2
NA	ENSG00000243679	158.410145	0.15989547	0.17372952	0.30260083	0.52987991	
NA	ENSG00000243680	0.173124	-0.01911262	0.38486262	0.84537521	NA	RPL37P23
NA	ENSG00000243686	1.69813557	-0.02836889	0.38221367	0.62103985	NA	RPLP1P11
NA	ENSG00000243687	0	NA	NA	NA	NA	RPL35AP10
728290	ENSG00000243694	0	NA	NA	NA	NA	LINC02027

NA	ENSG00000243695	1.87673572	0.07213576	0.38726828	0.34701092	NA	
NA	ENSG00000243696	48.9513052	0.4382116	0.39719571	0.07210198	0.19559917	
NA	ENSG00000243697	0	NA	NA	NA	NA	
NA	ENSG00000243700	0	NA	NA	NA	NA	RN7SL598P
344595	ENSG00000243701	198.637671	0.78900372	0.21291733	3.57E-05	0.00030326	DUBR
NA	ENSG00000243702	0	NA	NA	NA	NA	RN7SL638P
NA	ENSG00000243704	0.173124	-0.01911262	0.38486262	0.84537521	NA	RN7SL105P
NA	ENSG00000243705	0	NA	NA	NA	NA	
100137049	ENSG00000243708	70.5795603	0.61000504	0.3480518	0.01614937	0.0612509	PLA2G4B
10637	ENSG00000243709	4.46783152	0.20973012	0.44456648	0.10406923	0.25680766	LEFTY1
149465	ENSG00000243710	9.63928418	0.18975264	0.42440393	0.13619041	0.31128106	CFAP57
NA	ENSG00000243711	0.50744923	0.01538016	0.38313985	0.73958504	NA	RPL21P116
100874237	ENSG00000243715	0	NA	NA	NA	NA	CACNA2D3-AS1
100132247	ENSG00000243716	2137.24685	-0.05601981	0.1058664	0.58080479	0.77801412	NPIP5
NA	ENSG00000243720	0	NA	NA	NA	NA	RPL21P127
NA	ENSG00000243721	0	NA	NA	NA	NA	RPL23AP63
NA	ENSG00000243723	0	NA	NA	NA	NA	RN7SL393P
7268	ENSG00000243725	459.504979	0.03528527	0.13224061	0.77717436	0.89777292	TTC4
81696	ENSG00000243729	0	NA	NA	NA	NA	OR5V1
NA	ENSG00000243730	0	NA	NA	NA	NA	RPL29P3
NA	ENSG00000243733	0	NA	NA	NA	NA	
NA	ENSG00000243738	0.50991537	0.03085646	0.38602743	0.48176741	NA	RN7SL181P
113157	ENSG00000243742	1.30784894	0.01792319	0.3795019	0.7920719	NA	RPLP0P2
NA	ENSG00000243744	0	NA	NA	NA	NA	
NA	ENSG00000243746	0.94711862	-0.04801754	0.38529456	0.40180573	NA	EEF1A1P10
100506144	ENSG00000243749	50.372124	0.18773588	0.27632724	0.35084038	0.58113897	TMEM35B
3139	ENSG00000243753	60.7083063	0.13080528	0.2509703	0.49716687	0.7150265	HLA-L
NA	ENSG00000243758	0	NA	NA	NA	NA	RPL35AP15
NA	ENSG00000243759	0.173124	-0.01911262	0.38486262	0.84537521	NA	ST13P15
NA	ENSG00000243761	0	NA	NA	NA	NA	RPL32P4
NA	ENSG00000243762	0	NA	NA	NA	NA	
NA	ENSG00000243766	0	NA	NA	NA	NA	HOTTIP
NA	ENSG00000243770	0	NA	NA	NA	NA	RN7SL65P
NA	ENSG00000243771	0	NA	NA	NA	NA	
3804	ENSG00000243772	0	NA	NA	NA	NA	KIR2DL3
202459	ENSG00000243775	0.34746601	0.02370763	0.3853651	0.61987128	NA	OSTCP1
NA	ENSG00000243777	0	NA	NA	NA	NA	
NA	ENSG00000243779	0	NA	NA	NA	NA	

NA	ENSG00000243780	0	NA	NA	NA	NA	
NA	ENSG00000243781	1.24682889	-0.03379682	0.38254793	0.56980055	NA	
NA	ENSG00000243782	0	NA	NA	NA	NA	RN7SL78P
100137047	ENSG00000243789	77.5627378	0.15301065	0.23832018	0.41902137	0.64480922	JMJD7
NA	ENSG00000243792	0	NA	NA	NA	NA	OR7E89P
NA	ENSG00000243794	0	NA	NA	NA	NA	SNRPCP10
101929717	ENSG00000243795	9.28153768	0.02579908	0.35026749	0.86325429	0.93939037	LINC02044
NA	ENSG00000243797	0	NA	NA	NA	NA	
NA	ENSG00000243799	0	NA	NA	NA	NA	PEX5L-AS1
NA	ENSG00000243801	0	NA	NA	NA	NA	RN7SL461P
NA	ENSG00000243802	0	NA	NA	NA	NA	
NA	ENSG00000243806	0	NA	NA	NA	NA	RPL7P18
NA	ENSG00000243810	0	NA	NA	NA	NA	CFAP61-AS1
140564	ENSG00000243811	6.22429115	0.11675203	0.38477624	0.36313459	0.5928728	APOBEC3D
NA	ENSG00000243813	0	NA	NA	NA	NA	
NA	ENSG00000243817	0	NA	NA	NA	NA	RN7SL189P
100507389	ENSG00000243818	0	NA	NA	NA	NA	
NA	ENSG00000243819	20.1270704	0.21900914	0.356211	0.27954418	0.50405857	RN7SL832P
NA	ENSG00000243822	0	NA	NA	NA	NA	
NA	ENSG00000243824	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL12P6
NA	ENSG00000243828	0	NA	NA	NA	NA	
NA	ENSG00000243829	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000243830	0	NA	NA	NA	NA	
NA	ENSG00000243831	0	NA	NA	NA	NA	
100507210	ENSG00000243832	0	NA	NA	NA	NA	LINC02000
100131176	ENSG00000243836	11.4983334	0.03706561	0.33799446	0.82328081	0.91945578	WDR86-AS1
NA	ENSG00000243838	0.32469337	0.00153968	0.38336994	0.96556693	NA	PSMC1P7
NA	ENSG00000243844	0	NA	NA	NA	NA	RPL17P33
NA	ENSG00000243845	0	NA	NA	NA	NA	RN7SL30P
NA	ENSG00000243847	0.29863895	-0.02292439	0.3852726	0.68753245	NA	RN7SL610P
100874029	ENSG00000243849	0.52119901	0.02576573	0.38568143	0.51723676	NA	CFAP44-AS1
NA	ENSG00000243853	0	NA	NA	NA	NA	ALDH7A1P3
NA	ENSG00000243854	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL67P
NA	ENSG00000243855	0	NA	NA	NA	NA	RPL12P5
NA	ENSG00000243856	0	NA	NA	NA	NA	RN7SL551P
NA	ENSG00000243859	0	NA	NA	NA	NA	RPL5P17
NA	ENSG00000243861	0	NA	NA	NA	NA	
NA	ENSG00000243864	0	NA	NA	NA	NA	RPS3AP50

NA	ENSG00000243870	0	NA	NA	NA	NA	RN7SL236P
NA	ENSG00000243871	1.41772883	0.0895862	0.39530971	0.16897084	NA	RN7SL487P
NA	ENSG00000243872	0	NA	NA	NA	NA	RN7SL464P
NA	ENSG00000243873	0	NA	NA	NA	NA	HMGB1P36
NA	ENSG00000243877	0	NA	NA	NA	NA	HMGB1P38
NA	ENSG00000243883	0.32478482	0.00160621	0.38337063	0.9649308	NA	RN7SL419P
NA	ENSG00000243885	0	NA	NA	NA	NA	
NA	ENSG00000243886	0	NA	NA	NA	NA	
NA	ENSG00000243888	0	NA	NA	NA	NA	
NA	ENSG00000243889	0	NA	NA	NA	NA	TRBV8-1
NA	ENSG00000243894	0.44795842	-0.02501848	0.38558245	0.5807882	NA	RPS3AP16
401427	ENSG00000243896	0	NA	NA	NA	NA	OR2A7
NA	ENSG00000243900	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL320P
114794	ENSG00000243902	4.33438386	0.03314046	0.36857453	0.76655321	0.8924999	
NA	ENSG00000243903	0	NA	NA	NA	NA	
NA	ENSG00000243904	0	NA	NA	NA	NA	RPSAP5
NA	ENSG00000243905	0	NA	NA	NA	NA	RN7SL679P
80086	ENSG00000243910	0	NA	NA	NA	NA	TUBA4B
NA	ENSG00000243911	0	NA	NA	NA	NA	RN7SL430P
NA	ENSG00000243914	0.44965365	-0.02729575	0.38571274	0.56198119	NA	RPL5P14
NA	ENSG00000243915	0.4870118	-0.00622397	0.38313752	0.87032008	NA	THAP12P2
NA	ENSG00000243916	0	NA	NA	NA	NA	
NA	ENSG00000243918	0	NA	NA	NA	NA	EIF4BP8
NA	ENSG00000243920	0	NA	NA	NA	NA	RPS26P24
NA	ENSG00000243925	0	NA	NA	NA	NA	RPS24P18
NA	ENSG00000243926	10.3367487	0.04218595	0.34140544	0.7951328	0.90585603	TIPARP-AS1
64968	ENSG00000243927	407.649983	0.01069268	0.12092812	0.92672276	0.96932621	MRPS6
NA	ENSG00000243929	0	NA	NA	NA	NA	
NA	ENSG00000243930	0	NA	NA	NA	NA	RPS12P21
NA	ENSG00000243939	0	NA	NA	NA	NA	
84450	ENSG00000243943	2573.41737	0.0149822	0.06840153	0.82451743	0.92032344	ZNF512
NA	ENSG00000243944	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000243945	0	NA	NA	NA	NA	
NA	ENSG00000243951	0	NA	NA	NA	NA	RN7SL308P
NA	ENSG00000243953	0	NA	NA	NA	NA	
NA	ENSG00000243954	0	NA	NA	NA	NA	RN7SL743P
2938	ENSG00000243955	0	NA	NA	NA	NA	GSTA1
NA	ENSG00000243957	0	NA	NA	NA	NA	RN7SL647P

NA	ENSG00000243959	0	NA	NA	NA	NA	RN7SL684P
NA	ENSG00000243960	1.87595524	-0.00719402	0.38014101	0.90339726	NA	
NA	ENSG00000243961	0	NA	NA	NA	NA	PARAL1
NA	ENSG00000243964	0.34045044	-0.00010249	0.38336217	0.96622416	NA	RPL23AP65
NA	ENSG00000243967	4.35533021	0.10869922	0.39047266	0.31460973	0.5422726	NBPF5P
NA	ENSG00000243968	0	NA	NA	NA	NA	RN7SL402P
NA	ENSG00000243969	0	NA	NA	NA	NA	
728448	ENSG00000243970	283.057116	0.49391829	0.15626141	0.00059638	0.00376582	PPIEL
NA	ENSG00000243974	0	NA	NA	NA	NA	VTI1BP1
NA	ENSG00000243976	0	NA	NA	NA	NA	RN7SL523P
NA	ENSG00000243977	0	NA	NA	NA	NA	H3P13
57529	ENSG00000243978	7.42303136	0.06196938	0.35783521	0.66843902	0.83697256	RTL9
NA	ENSG00000243979	0	NA	NA	NA	NA	
NA	ENSG00000243980	0	NA	NA	NA	NA	RN7SL702P
NA	ENSG00000243981	0	NA	NA	NA	NA	
NA	ENSG00000243986	0	NA	NA	NA	NA	ENO1P3
NA	ENSG00000243988	0	NA	NA	NA	NA	RPS24P17
95	ENSG00000243989	485.239884	0.1426951	0.12998821	0.24333655	0.4618134	ACY1
NA	ENSG00000243991	0	NA	NA	NA	NA	RN7SL447P
NA	ENSG00000243995	0	NA	NA	NA	NA	
NA	ENSG00000244000	0	NA	NA	NA	NA	
NA	ENSG00000244002	0	NA	NA	NA	NA	RPSAP39
NA	ENSG00000244003	0	NA	NA	NA	NA	RN7SL143P
NA	ENSG00000244004	0	NA	NA	NA	NA	RPS3AP19
9054	ENSG00000244005	514.981195	-0.0421557	0.1125445	0.69435672	0.85208349	NFS1
NA	ENSG00000244006	0	NA	NA	NA	NA	RN7SL799P
NA	ENSG00000244009	0	NA	NA	NA	NA	B3GAT3P1
NA	ENSG00000244018	0	NA	NA	NA	NA	RPL35P6
NA	ENSG00000244019	0	NA	NA	NA	NA	RPS2P24
645745	ENSG00000244020	0	NA	NA	NA	NA	MT1HL1
NA	ENSG00000244021	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000244024	0.86015647	-0.0055746	0.38134912	0.91529998	NA	LARP7P4
337970	ENSG00000244025	0	NA	NA	NA	NA	KRTAP19-3
692099	ENSG00000244026	139.484466	0.17491797	0.1783772	0.26862013	0.49155354	FAM86DP
NA	ENSG00000244031	0	NA	NA	NA	NA	RPS3AP17
NA	ENSG00000244033	0	NA	NA	NA	NA	RN7SL228P
NA	ENSG00000244034	0	NA	NA	NA	NA	RN7SL424P
NA	ENSG00000244036	0	NA	NA	NA	NA	

1650	ENSG00000244038	4014.45042	0.23987733	0.05942474	4.29E-05	0.00035752	DDOST
NA	ENSG00000244039	0	NA	NA	NA	NA	
101928376	ENSG00000244040	2.49524973	0.06902039	0.38320409	0.43464746	NA	IL12A-AS1
401232	ENSG00000244041	24.9860343	0.22986974	0.36357493	0.25815005	0.47950675	LINC01011
NA	ENSG00000244043	0	NA	NA	NA	NA	RPS27P27
NA	ENSG00000244044	0	NA	NA	NA	NA	RN7SL735P
147007	ENSG00000244045	638.368971	-0.16093088	0.11330629	0.13492237	0.3094278	TMEM199
NA	ENSG00000244048	0	NA	NA	NA	NA	RPS18P6
NA	ENSG00000244050	1.11825895	-0.03159961	0.38158592	0.61692063	NA	DEFB109F
NA	ENSG00000244052	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL5P24
NA	ENSG00000244053	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL13AP2
NA	ENSG00000244055	97.8285608	0.09242951	0.23902903	0.62385738	0.80823628	
NA	ENSG00000244056	3.9014458	0.1480982	0.40369792	0.227082	0.44177223	RN7SL417P
353144	ENSG00000244057	0	NA	NA	NA	NA	LCE3C
NA	ENSG00000244060	0.86999347	0.06313478	0.39092875	0.21115239	NA	RPS2P41
NA	ENSG00000244061	0.86073985	0.06128953	0.39056271	0.21919084	NA	
NA	ENSG00000244062	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000244063	0	NA	NA	NA	NA	
NA	ENSG00000244065	1.33736181	0.0320921	0.37992628	0.65591662	NA	MARK2P17
NA	ENSG00000244066	0	NA	NA	NA	NA	RN7SL148P
2939	ENSG00000244067	0	NA	NA	NA	NA	GSTA2
NA	ENSG00000244071	0	NA	NA	NA	NA	RPL9P33
NA	ENSG00000244073	0.83391594	-0.00835717	0.38080499	0.88276076	NA	RPS4XP6
NA	ENSG00000244076	0	NA	NA	NA	NA	
NA	ENSG00000244080	0	NA	NA	NA	NA	RN7SL833P
NA	ENSG00000244081	0	NA	NA	NA	NA	
NA	ENSG00000244083	0	NA	NA	NA	NA	
NA	ENSG00000244086	0.34700522	0.00064267	0.38336317	0.96237818	NA	
NA	ENSG00000244088	0	NA	NA	NA	NA	RPL23AP44
NA	ENSG00000244089	0	NA	NA	NA	NA	HMGB1P30
NA	ENSG00000244091	0	NA	NA	NA	NA	RN7SL483P
6705	ENSG00000244094	0	NA	NA	NA	NA	SPRR2F
NA	ENSG00000244097	2.25061203	-0.07751829	0.39551187	0.07541765	NA	RPS4XP17
NA	ENSG00000244099	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPS23P3
NA	ENSG00000244101	0	NA	NA	NA	NA	HMG1P10
NA	ENSG00000244104	0	NA	NA	NA	NA	RN7SL659P
NA	ENSG00000244107	0	NA	NA	NA	NA	RN7SL250P
NA	ENSG00000244112	1.01961496	0.03413444	0.38158532	0.59795254	NA	RN7SL508P

NA	ENSG00000244113	0.33950691	0.00262394	0.38338447	0.96340536	NA	
552891	ENSG00000244115	51.040007	-0.40347545	0.34799734	0.08266269	0.2165339	DNAJC25-GNG10
NA	ENSG00000244116	0	NA	NA	NA	NA	IGKV2-28
NA	ENSG00000244119	12.656357	0.19425495	0.38334721	0.28367016	0.50881632	PDCL3P4
54577	ENSG00000244122	0	NA	NA	NA	NA	UGT1A7
NA	ENSG00000244124	4.23751446	-0.05385703	0.37289491	0.62014174	0.80605425	ATP1B3-AS1
NA	ENSG00000244125	0	NA	NA	NA	NA	
NA	ENSG00000244128	1.65661819	0.04147368	0.37983134	0.59958731	NA	LINC01322
NA	ENSG00000244130	0	NA	NA	NA	NA	UBE2Q2P9
NA	ENSG00000244131	0	NA	NA	NA	NA	RPSAP51
NA	ENSG00000244134	0	NA	NA	NA	NA	RPS12P20
NA	ENSG00000244137	0	NA	NA	NA	NA	
NA	ENSG00000244139	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SL397P
NA	ENSG00000244142	0	NA	NA	NA	NA	ATP6V0CP2
NA	ENSG00000244144	0	NA	NA	NA	NA	
NA	ENSG00000244146	0	NA	NA	NA	NA	
NA	ENSG00000244151	51.415139	0.26082421	0.2998469	0.21573719	0.42652973	
NA	ENSG00000244153	0.45209736	-0.02505403	0.38558831	0.57865948	NA	WWP1P1
NA	ENSG00000244155	0	NA	NA	NA	NA	CYP4F34P
NA	ENSG00000244157	0	NA	NA	NA	NA	EIF4E2P2
NA	ENSG00000244158	0	NA	NA	NA	NA	CALHM6-AS1
NA	ENSG00000244159	0	NA	NA	NA	NA	RPS27AP13
105377105	ENSG00000244161	22.1409259	-0.0490756	0.3127282	0.78665753	0.90294962	FLNB-AS1
5032	ENSG00000244165	325.141297	0.3397299	0.14180025	0.00981625	0.04086329	P2RY11
NA	ENSG00000244167	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000244169	0	NA	NA	NA	NA	RN7SL120P
NA	ENSG00000244171	0.173733	0.01914545	0.38484597	0.78225479	NA	PBX2P1
NA	ENSG00000244176	0	NA	NA	NA	NA	
NA	ENSG00000244183	0	NA	NA	NA	NA	PPIAP71
101559451	ENSG00000244184	2.62992372	0.02551972	0.37326413	0.7899256	0.9043268	
85014	ENSG00000244187	293.634543	0.18592631	0.16219621	0.20588499	0.41297728	TMEM141
NA	ENSG00000244192	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000244193	0	NA	NA	NA	NA	
NA	ENSG00000244194	0	NA	NA	NA	NA	RN7SL218P
NA	ENSG00000244196	0.34624801	-0.02356563	0.38536324	0.65270996	NA	PPIAP15
NA	ENSG00000244197	0	NA	NA	NA	NA	RN7SL766P
NA	ENSG00000244198	5.30785912	-0.02934511	0.36983624	0.77428022	0.89604057	ARHGEF35-AS1
NA	ENSG00000244199	0	NA	NA	NA	NA	EIF4EP3

104502416	ENSG00000244203	0	NA	NA	NA	NA	FOXP1-AS1
NA	ENSG00000244213	0	NA	NA	NA	NA	ZFAND6P1
101927123	ENSG00000244215	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC02016
NA	ENSG00000244217	0.37844916	0.02407552	0.3854191	0.60038877	NA	RPS4XP10
NA	ENSG00000244218	4.65008447	0.01667523	0.36433369	0.89052074	0.95232275	RN7SL81P
100289187	ENSG00000244219	9.61728012	0.04132095	0.34757347	0.78956987	0.9043268	TMEM225B
NA	ENSG00000244222	0	NA	NA	NA	NA	OR7E121P
NA	ENSG00000244226	0.16735865	0.01897177	0.38482933	0.78225479	NA	ILF2P1
646168	ENSG00000244227	0	NA	NA	NA	NA	LRRC77P
NA	ENSG00000244229	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPL26P35
NA	ENSG00000244230	0	NA	NA	NA	NA	RN7SL151P
NA	ENSG00000244231	0	NA	NA	NA	NA	CSPG4P2Y
NA	ENSG00000244232	0	NA	NA	NA	NA	RN7SL698P
64396	ENSG00000244234	5.71256797	0.09629	0.37134539	0.48614316	0.70618541	GMCL2
NA	ENSG00000244235	0	NA	NA	NA	NA	
NA	ENSG00000244236	0	NA	NA	NA	NA	RN7SL604P
NA	ENSG00000244237	0	NA	NA	NA	NA	
NA	ENSG00000244239	96.955739	0.05634601	0.22628031	0.76006131	0.88886628	
402778	ENSG00000244242	425.585219	-1.68905513	0.19848784	1.11E-18	3.90E-17	IFITM10
NA	ENSG00000244244	0	NA	NA	NA	NA	RPS3AP42
NA	ENSG00000244245	0	NA	NA	NA	NA	
NA	ENSG00000244246	0	NA	NA	NA	NA	ZNF736P8Y
105374244	ENSG00000244247	0	NA	NA	NA	NA	LINC01995
NA	ENSG00000244249	0	NA	NA	NA	NA	
NA	ENSG00000244251	0	NA	NA	NA	NA	
NA	ENSG00000244253	0	NA	NA	NA	NA	RPS29P24
NA	ENSG00000244255	0	NA	NA	NA	NA	
NA	ENSG00000244256	0.9780628	0.0025567	0.38086233	0.96310973	NA	RN7SL130P
NA	ENSG00000244257	1114.49997	0.57583898	0.08255437	1.01E-12	2.30E-11	PKD1P1
NA	ENSG00000244259	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000244260	0	NA	NA	NA	NA	
NA	ENSG00000244264	0	NA	NA	NA	NA	RN7SL597P
NA	ENSG00000244265	1.7659065	0.023798	0.38031951	0.70640024	NA	SIAH2-AS1
NA	ENSG00000244266	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000244267	0	NA	NA	NA	NA	RPL34P22
NA	ENSG00000244268	0	NA	NA	NA	NA	
NA	ENSG00000244270	27.1816161	-0.2105122	0.35097882	0.29397312	0.52021105	RPL32P29
NA	ENSG00000244273	0	NA	NA	NA	NA	PGBD4P1

55861	ENSG00000244274	327.172192	-0.57356721	0.15059798	4.28E-05	0.00035707	DBNDD2
NA	ENSG00000244278	0	NA	NA	NA	NA	
347694	ENSG00000244280	0	NA	NA	NA	NA	ECEL1P2
NA	ENSG00000244281	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000244283	0	NA	NA	NA	NA	RPL23AP73
NA	ENSG00000244286	0	NA	NA	NA	NA	ITGB5-AS1
NA	ENSG00000244289	0	NA	NA	NA	NA	RPS3AP35
NA	ENSG00000244292	0	NA	NA	NA	NA	OR9N1P
NA	ENSG00000244294	0	NA	NA	NA	NA	RN7SL740P
NA	ENSG00000244295	0	NA	NA	NA	NA	RPS20P21
NA	ENSG00000244296	0	NA	NA	NA	NA	RN7SL168P
NA	ENSG00000244297	0	NA	NA	NA	NA	RN7SL465P
NA	ENSG00000244300	410.84658	0.27603629	0.11887629	0.01434051	0.05559119	GATA2-AS1
NA	ENSG00000244301	0	NA	NA	NA	NA	AOX3P
101928790	ENSG00000244302	0	NA	NA	NA	NA	PEX5L-AS2
503639	ENSG00000244306	5219.38353	-0.0951555	0.05673008	0.08964178	0.22992799	
NA	ENSG00000244307	0.69530437	0.05074945	0.38851047	0.30056088	NA	RN7SL395P
NA	ENSG00000244308	0.34167368	0.00287221	0.38338893	0.9602651	NA	RN7SL762P
NA	ENSG00000244310	0	NA	NA	NA	NA	
NA	ENSG00000244313	0.82656754	0.01855444	0.38139192	0.74199384	NA	
NA	ENSG00000244314	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL36P
NA	ENSG00000244318	0	NA	NA	NA	NA	RN7SL252P
NA	ENSG00000244321	0	NA	NA	NA	NA	LINC01326
NA	ENSG00000244326	0	NA	NA	NA	NA	RN7SL814P
NA	ENSG00000244327	0.64034418	0.00420173	0.38253478	0.92034789	NA	
NA	ENSG00000244328	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL845P
NA	ENSG00000244329	0	NA	NA	NA	NA	UBA52P9
NA	ENSG00000244331	0	NA	NA	NA	NA	
NA	ENSG00000244332	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000244335	0	NA	NA	NA	NA	RN7SL687P
NA	ENSG00000244337	0	NA	NA	NA	NA	
285401	ENSG00000244342	0	NA	NA	NA	NA	LINC00698
NA	ENSG00000244345	0	NA	NA	NA	NA	
NA	ENSG00000244346	0	NA	NA	NA	NA	
NA	ENSG00000244349	1.82307988	0.0264308	0.37736311	0.74435491	NA	
58530	ENSG00000244355	0.37844916	0.02407552	0.3854191	0.60038877	NA	LY6G6D
110599563	ENSG00000244355	0.37844916	0.02407552	0.3854191	0.60038877	NA	LY6G6D
NA	ENSG00000244356	0	NA	NA	NA	NA	RN7SL398P

NA	ENSG00000244357	1.41119415	0.08661989	0.39450159	0.17539852	NA	RN7SL145P
NA	ENSG00000244358	0	NA	NA	NA	NA	
NA	ENSG00000244361	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL30P7
337974	ENSG00000244362	0	NA	NA	NA	NA	KRTAP19-7
NA	ENSG00000244363	1.17271546	-0.00555332	0.37853482	0.93536182	NA	RPL7P23
NA	ENSG00000244371	11.7058472	0.03356939	0.33372324	0.84335693	0.92899903	PFN1P8
NA	ENSG00000244372	0	NA	NA	NA	NA	RN7SL423P
NA	ENSG00000244376	0	NA	NA	NA	NA	RN7SL636P
NA	ENSG00000244378	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPS2P45
NA	ENSG00000244380	1.10094607	0.03869429	0.38392095	0.48933579	NA	
NA	ENSG00000244381	0	NA	NA	NA	NA	SDHDP3
105377108	ENSG00000244383	0.52632639	-0.01541361	0.38365989	0.7449668	NA	FAM3D-AS1
NA	ENSG00000244384	0	NA	NA	NA	NA	RN7SL359P
NA	ENSG00000244389	0	NA	NA	NA	NA	RN7SL242P
NA	ENSG00000244390	0	NA	NA	NA	NA	RPS6P22
NA	ENSG00000244391	0	NA	NA	NA	NA	RN7SL330P
NA	ENSG00000244392	0	NA	NA	NA	NA	RN7SL869P
378949	ENSG00000244395	0	NA	NA	NA	NA	RBMY1D
NA	ENSG00000244398	2452.53712	-0.02464319	0.06654987	0.70636091	0.85848115	
NA	ENSG00000244399	0	NA	NA	NA	NA	RN7SL251P
NA	ENSG00000244400	0	NA	NA	NA	NA	RPS4XP12
NA	ENSG00000244402	0	NA	NA	NA	NA	RN7SL314P
NA	ENSG00000244404	0	NA	NA	NA	NA	RN7SL216P
2119	ENSG00000244405	1401.98772	-0.11620783	0.08975332	0.182201	0.37987261	ETV5
440050	ENSG00000244411	0.69543536	0.02700673	0.38368059	0.5728567	NA	KRTAP5-7
NA	ENSG00000244413	0	NA	NA	NA	NA	RPL23AP56
3078	ENSG00000244414	3.5918132	0.05527011	0.37419359	0.60699131	0.79648767	CFHR1
NA	ENSG00000244422	0	NA	NA	NA	NA	RPL38P3
NA	ENSG00000244425	5.61328972	-0.01876467	0.36021821	0.88172388	0.94774091	RN7SL268P
NA	ENSG00000244427	0	NA	NA	NA	NA	RPS3AP31
NA	ENSG00000244429	0	NA	NA	NA	NA	
NA	ENSG00000244432	0	NA	NA	NA	NA	RPL39P28
NA	ENSG00000244436	0	NA	NA	NA	NA	
NA	ENSG00000244437	0	NA	NA	NA	NA	IGKV3-15
NA	ENSG00000244441	0	NA	NA	NA	NA	
NA	ENSG00000244451	0	NA	NA	NA	NA	RPL34P21
NA	ENSG00000244456	0	NA	NA	NA	NA	SPECC1P2
NA	ENSG00000244457	1.05489384	-0.04391844	0.38790839	0.27834512	NA	ENO1P1

NA	ENSG00000244459	1.1075309	-0.03251724	0.38172399	0.60696638	NA	
NA	ENSG00000244461	0	NA	NA	NA	NA	LINC02077
10137	ENSG00000244462	2879.81528	-0.23640836	0.07246534	0.00087366	0.00526214	RBM12
NA	ENSG00000244464	0	NA	NA	NA	NA	
NA	ENSG00000244468	0	NA	NA	NA	NA	
NA	ENSG00000244470	0	NA	NA	NA	NA	
NA	ENSG00000244471	0	NA	NA	NA	NA	
54657	ENSG00000244474	0	NA	NA	NA	NA	UGT1A4
405754	ENSG00000244476	0.49096599	-0.00716235	0.38316699	0.85593295	NA	ERVFRD-1
NA	ENSG00000244479	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OR2A1-AS1
NA	ENSG00000244480	24.4575885	0.29289038	0.38353771	0.17686469	0.37163689	
79168	ENSG00000244482	1.19069685	0.02723214	0.37991351	0.69397395	NA	LILRA6
NA	ENSG00000244485	0	NA	NA	NA	NA	RPL18P13
91179	ENSG00000244486	1862.66751	0.10581459	0.06947863	0.11942815	0.28424358	SCARF2
NA	ENSG00000244490	1.40169299	-0.05549041	0.38376206	0.44657975	NA	RWDD4P1
NA	ENSG00000244491	0	NA	NA	NA	NA	
NA	ENSG00000244493	0	NA	NA	NA	NA	SLC9A9-AS2
NA	ENSG00000244501	0	NA	NA	NA	NA	RN7SL623P
100874101	ENSG00000244502	0.63626049	0.00196772	0.38250642	0.96166309	NA	HDAC11-AS1
NA	ENSG00000244503	0	NA	NA	NA	NA	
27350	ENSG00000244509	47.6903747	1.88038743	0.37901254	4.59E-08	6.32E-07	APOBEC3C
NA	ENSG00000244510	0	NA	NA	NA	NA	
NA	ENSG00000244512	0	NA	NA	NA	NA	RN7SL28P
NA	ENSG00000244513	28.9638115	0.14123484	0.30657335	0.47650893	0.69841458	
NA	ENSG00000244514	0	NA	NA	NA	NA	RN7SL125P
NA	ENSG00000244515	8.65975322	0.02855002	0.34864514	0.85101717	0.93262156	KRT18P34
NA	ENSG00000244521	0	NA	NA	NA	NA	RN7SL700P
NA	ENSG00000244527	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000244528	0	NA	NA	NA	NA	SEPTIN14P2
NA	ENSG00000244532	0	NA	NA	NA	NA	RN7SL380P
NA	ENSG00000244534	0	NA	NA	NA	NA	RN7SL211P
NA	ENSG00000244535	0	NA	NA	NA	NA	
85291	ENSG00000244537	0	NA	NA	NA	NA	KRTAP4-2
NA	ENSG00000244538	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000244540	0	NA	NA	NA	NA	RPL35AP29
101927992	ENSG00000244541	0	NA	NA	NA	NA	LINC01213
NA	ENSG00000244544	0	NA	NA	NA	NA	RN7SL446P
NA	ENSG00000244545	0	NA	NA	NA	NA	

NA	ENSG00000244550	0	NA	NA	NA	NA	
NA	ENSG00000244551	0	NA	NA	NA	NA	RPL34P29
NA	ENSG00000244556	4.62289268	-0.05158187	0.36554363	0.68033805	0.84380894	ODCP
NA	ENSG00000244558	13.3112183	-0.10537413	0.34770346	0.53478852	0.74572704	KCNK15-AS1
NA	ENSG00000244559	0	NA	NA	NA	NA	
NA	ENSG00000244560	108.150004	0.600672	0.2334066	0.00256994	0.0132884	
NA	ENSG00000244561	0	NA	NA	NA	NA	
NA	ENSG00000244563	38.7987481	-0.01522885	0.28172773	0.93505017	0.97306034	RPS26P19
101929316	ENSG00000244564	0	NA	NA	NA	NA	PRICKLE2-DT
NA	ENSG00000244565	0	NA	NA	NA	NA	POLR2DP2
NA	ENSG00000244568	0	NA	NA	NA	NA	RN7SL654P
NA	ENSG00000244571	0	NA	NA	NA	NA	RPS6P4
NA	ENSG00000244573	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL30P11
NA	ENSG00000244575	0	NA	NA	NA	NA	IGKV1-27
103344930	ENSG00000244578	0	NA	NA	NA	NA	LINC01391
NA	ENSG00000244582	0	NA	NA	NA	NA	RPL21P120
NA	ENSG00000244585	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL12P33
NA	ENSG00000244586	4.55192178	0.12055207	0.39254724	0.29852912	0.5253702	WNT5A-AS1
642636	ENSG00000244588	3.1502876	-0.15695269	0.41954586	0.11184601	0.27044787	RAD21L1
NA	ENSG00000244593	0	NA	NA	NA	NA	
NA	ENSG00000244604	0	NA	NA	NA	NA	
152206	ENSG00000244607	9.93556797	0.19209377	0.40691566	0.2269279	0.4416135	CCDC13
NA	ENSG00000244610	0	NA	NA	NA	NA	RN7SL756P
NA	ENSG00000244615	0	NA	NA	NA	NA	PSPC1P2
151516	ENSG00000244617	1.13534747	0.04747751	0.38849004	0.23182692	NA	ASPRV1
NA	ENSG00000244618	0	NA	NA	NA	NA	RN7SL334P
NA	ENSG00000244619	0	NA	NA	NA	NA	
NA	ENSG00000244620	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000244621	0	NA	NA	NA	NA	RPS17P11
81392	ENSG00000244623	0	NA	NA	NA	NA	OR2AE1
337975	ENSG00000244624	0	NA	NA	NA	NA	KRTAP20-1
NA	ENSG00000244625	108.534772	-0.11512495	0.21805914	0.52164596	0.73494218	MIATNB
NA	ENSG00000244627	35.5814383	0.44042567	0.368222	0.0675685	0.18665906	TPTEP2
NA	ENSG00000244630	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000244632	0	NA	NA	NA	NA	RN7SL863P
NA	ENSG00000244640	0	NA	NA	NA	NA	
NA	ENSG00000244641	0	NA	NA	NA	NA	RPS26P43
NA	ENSG00000244642	0	NA	NA	NA	NA	RN7SL396P

NA	ENSG00000244646	0	NA	NA	NA	NA	XKRY2
NA	ENSG00000244649	0	NA	NA	NA	NA	LINC02086
NA	ENSG00000244650	0	NA	NA	NA	NA	
NA	ENSG00000244652	0	NA	NA	NA	NA	
NA	ENSG00000244653	0	NA	NA	NA	NA	UBFD1P1
NA	ENSG00000244657	0	NA	NA	NA	NA	
NA	ENSG00000244661	0	NA	NA	NA	NA	TRBV12-1
NA	ENSG00000244662	0	NA	NA	NA	NA	
NA	ENSG00000244668	0	NA	NA	NA	NA	SNRPCP3
NA	ENSG00000244669	0	NA	NA	NA	NA	
NA	ENSG00000244671	1.19476853	0.04557854	0.38362286	0.47697606	NA	RN7SL280P
NA	ENSG00000244674	0	NA	NA	NA	NA	RPS3AP15
NA	ENSG00000244675	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000244676	0.55995227	0.01291017	0.38331673	0.73506574	NA	
NA	ENSG00000244677	0	NA	NA	NA	NA	RN7SL706P
100287639	ENSG00000244681	0	NA	NA	NA	NA	MTHFD2P1
NA	ENSG00000244682	0	NA	NA	NA	NA	FCGR2C
7335	ENSG00000244687	2230.39146	-0.03252975	0.06896248	0.63150855	0.81371846	UBE2V1
NA	ENSG00000244691	0	NA	NA	NA	NA	RPL10AP1
NA	ENSG00000244692	0.67042847	0.00158107	0.38187863	0.97220454	NA	RN7SL724P
100142659	ENSG00000244693	0	NA	NA	NA	NA	CTAGE8
442213	ENSG00000244694	45.3802399	0.04573071	0.2840249	0.81406675	0.91592004	PTCHD4
NA	ENSG00000244699	0	NA	NA	NA	NA	
NA	ENSG00000244701	12.0129603	-0.04782641	0.33742733	0.77175183	0.89531784	
NA	ENSG00000244703	0	NA	NA	NA	NA	CD46P1
NA	ENSG00000244705	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000244706	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000244708	0	NA	NA	NA	NA	RPL23P10
NA	ENSG00000244710	0	NA	NA	NA	NA	RN7SL47P
NA	ENSG00000244712	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000244716	0.93962135	-0.04818406	0.38535915	0.40420632	NA	
NA	ENSG00000244717	0	NA	NA	NA	NA	RPS27P14
NA	ENSG00000244720	0	NA	NA	NA	NA	NT5C3AP2
NA	ENSG00000244722	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPSAP29
NA	ENSG00000244723	0	NA	NA	NA	NA	ASLP1
NA	ENSG00000244730	0	NA	NA	NA	NA	
720	ENSG00000244731	62.5641624	-0.01160202	0.30847334	0.94686328	0.97815729	C4A
110384692	ENSG00000244731	62.5641624	-0.01160202	0.30847334	0.94686328	0.97815729	C4A

NA	ENSG00000244732	0	NA	NA	NA	NA	RN7SL870P
NA	ENSG00000244733	9.45966362	-0.00824302	0.34320479	0.9557751	0.9818048	
3043	ENSG00000244734	0	NA	NA	NA	NA	HBB
NA	ENSG00000244738	0	NA	NA	NA	NA	
NA	ENSG00000244740	0	NA	NA	NA	NA	
NA	ENSG00000244743	0	NA	NA	NA	NA	RPL35AP27
NA	ENSG00000244748	0	NA	NA	NA	NA	RN7SL153P
1415	ENSG00000244752	1.94465742	0.01483517	0.37562901	0.86114225	NA	CRYBB2
NA	ENSG00000244753	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL15P21
10443	ENSG00000244754	2417.42227	0.00359726	0.08718014	0.96749892	0.98759962	N4BP2L2
NA	ENSG00000244756	0	NA	NA	NA	NA	
NA	ENSG00000244757	25.0100561	-0.02498174	0.30449768	0.89171305	0.95300511	
101927657	ENSG00000244791	0	NA	NA	NA	NA	
NA	ENSG00000244879	3561.05491	0.18315503	0.115666	0.0966075	0.24301925	GABPB1-AS1
NA	ENSG00000244921	1.9913909	0.00944067	0.37377055	0.91769563	NA	MTCYBP18
100507300	ENSG00000244926	3.33948687	0.19213768	0.43738472	0.09821951	0.24588959	ALKBH3-AS1
NA	ENSG00000244932	0	NA	NA	NA	NA	
101928445	ENSG00000244945	3.06612881	0.06678256	0.37758872	0.5235698	0.73634542	RUFY1-AS1
NA	ENSG00000244952	0.72070543	0.05210875	0.38874801	0.28822071	NA	
NA	ENSG00000244953	76.4956589	2.31047218	0.32133365	4.07E-14	1.04E-12	
100506495	ENSG00000244968	7.64274257	3.14243008	1.27131795	0.00084502	0.00510353	LIFR-AS1
NA	ENSG00000244998	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101929538	ENSG00000245008	0	NA	NA	NA	NA	
643770	ENSG00000245017	6.64373695	-0.01746169	0.36877537	0.86524774	0.94028794	LINC02453
NA	ENSG00000245025	47.1006098	0.29054596	0.31159354	0.1763076	0.37081334	
NA	ENSG00000245059	1.21502893	0.05683121	0.38787381	0.28724792	NA	
729678	ENSG00000245060	133.454343	0.18901939	0.19784853	0.26684955	0.48926117	LINC00847
255130	ENSG00000245067	3.59460083	-0.05384904	0.37102609	0.63659054	0.81722218	IGFBP7-AS1
105375650	ENSG00000245080	2.5906612	-0.06562391	0.38394139	0.40821716	0.63640649	MIR3150BHG
144571	ENSG00000245105	2.14796589	0.11670891	0.40385827	0.14115947	NA	A2M-AS1
NA	ENSG00000245112	315.13501	0.25465364	0.1362245	0.04486346	0.13674773	SMARCA5-AS1
NA	ENSG00000245146	15.6737608	0.20205754	0.39392188	0.25155611	0.47149344	MALINC1
100506020	ENSG00000245148	8.08851084	-0.22261894	0.42769498	0.17166227	0.36420774	ARAP1-AS2
101927612	ENSG00000245149	45.1144014	-0.24408518	0.29644445	0.24074574	0.45879844	RNF139-AS1
NA	ENSG00000245156	15.2889991	0.0790242	0.33080978	0.65892154	0.83082321	
100130231	ENSG00000245164	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC00861
NA	ENSG00000245205	1.84870765	0.01624574	0.37652131	0.84115419	NA	EEF1A1P4
101930370	ENSG00000245213	38.832897	-0.07970374	0.2745128	0.68028221	0.84380894	

NA	ENSG00000245248	27.9924945	0.1714968	0.35717594	0.3579679	0.58831039	USP2-AS1
NA	ENSG00000245261	1.90833579	0.00765286	0.38012088	0.90117747	NA	
386627	ENSG00000245275	25.7797483	0.06751594	0.31354791	0.7175219	0.86412738	SAP30L-AS1
101929066	ENSG00000245281	46.4548694	-0.09745787	0.30456712	0.60770863	0.79694224	
101929595	ENSG00000245293	7.2671504	-0.09874055	0.37089093	0.47868362	0.7003511	CYP2U1-AS1
107986298	ENSG00000245293	7.2671504	-0.09874055	0.37089093	0.47868362	0.7003511	CYP2U1-AS1
101928646	ENSG00000245311	0	NA	NA	NA	NA	ARNTL2-AS1
100996419	ENSG00000245317	14.1668065	0.05633684	0.33000697	0.74868668	0.88205755	
NA	ENSG00000245322	8.26233797	-0.03665335	0.35115056	0.80242838	0.90988049	H2AZ1-DT
NA	ENSG00000245330	0.18922458	0.01954053	0.38488496	0.78225479	NA	
101929468	ENSG00000245384	1.7875822	-0.03385696	0.38113168	0.61338987	NA	CXXC4-AS1
NA	ENSG00000245385	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101928075	ENSG00000245466	0	NA	NA	NA	NA	
NA	ENSG00000245468	5.48488893	-0.04058037	0.36092247	0.75651839	0.88693352	LINC02447
101929765	ENSG00000245479	1.41952905	0.07083981	0.39307336	0.13152313	NA	LINC01585
NA	ENSG00000245482	1.04239802	0.04448868	0.38799694	0.25925947	NA	
100507283	ENSG00000245498	74.809166	0.21004124	0.25900974	0.28912369	0.51505917	
440028	ENSG00000245522	2.85876218	-0.06745709	0.38150878	0.46502964	0.68775162	LINC02709
645323	ENSG00000245526	125.516059	0.18319532	0.18771678	0.26438807	0.48663691	LINC00461
283131	ENSG00000245532	3238.98483	1.00321752	0.06835005	1.18E-49	1.16E-47	NEAT1
101928784	ENSG00000245534	9.83685274	-0.01553585	0.34218884	0.91906515	0.96566562	RORA-AS1
101929295	ENSG00000245552	20.4770789	-0.2248307	0.37559108	0.25187332	0.47174235	
728769	ENSG00000245556	154.694064	0.26665702	0.18182416	0.09666308	0.24306007	SCAMP1-AS1
101927204	ENSG00000245571	22.7154394	3.1584176	0.60670283	1.54E-08	2.27E-07	FAM111A-DT
497258	ENSG00000245573	45.6482718	0.31905628	0.36679364	0.15243112	0.33692441	BDNF-AS
100506068	ENSG00000245598	6.97935607	0.1110651	0.37663272	0.41738451	0.64367732	DACT3-AS1
100506660	ENSG00000245614	42.4816606	-0.04512192	0.26086733	0.81452446	0.91592004	DDX11-AS1
101928100	ENSG00000245648	0	NA	NA	NA	NA	KLRK1-AS1
283387	ENSG00000245651	1.53323733	-0.00622342	0.37906937	0.92173077	NA	
NA	ENSG00000245662	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02211
NA	ENSG00000245667	1.01746756	-0.05405837	0.38939962	0.238611	NA	
92285	ENSG00000245680	363.066505	-0.4413492	0.16774751	0.0036072	0.01771458	ZNF585B
728339	ENSG00000245685	36.1706594	-0.01863528	0.27770889	0.9209555	0.96670947	FRG1-DT
NA	ENSG00000245688	1.80998408	-0.11998133	0.40993623	0.04564478	NA	
101927480	ENSG00000245694	1455.06627	-0.13091558	0.08399179	0.10946546	0.26615132	CRNDE
101056700	ENSG00000245711	6.94181378	0.16288749	0.3982399	0.26466239	0.48691598	NADK2-AS1
101929076	ENSG00000245719	0.47217617	-0.02838342	0.38580362	0.54384832	NA	
729506	ENSG00000245729	0.52119901	0.02576573	0.38568143	0.51723676	NA	LINC02226

100129931	ENSG00000245748	7.2280357	-0.1357422	0.38556593	0.33625093	0.56617316	
145837	ENSG00000245750	2.13492586	-0.03051145	0.37589798	0.72777758	NA	DRAIC
NA	ENSG00000245768	0.66339244	-0.02205172	0.38321373	0.65189262	NA	
101927740	ENSG00000245812	2.98720707	-0.04727744	0.37848851	0.56527403	0.76733419	LINC02202
101928989	ENSG00000245832	0	NA	NA	NA	NA	MIR4300HG
1050	ENSG00000245848	18.5326185	0.00463312	0.31093125	0.98172391	0.99389849	CEBPA
100505648	ENSG00000245849	252.94472	0.0573656	0.13854463	0.65795191	0.83031782	RAD51-AS1
100652791	ENSG00000245857	31.5221451	0.28835551	0.36602295	0.18327078	0.38146163	
109729137	ENSG00000245864	0.49477276	-0.01003866	0.38283985	0.83457535	NA	MEF2C-AS2
NA	ENSG00000245869	0	NA	NA	NA	NA	
101927074	ENSG00000245870	926.4255	0.17707319	0.0943659	0.05266038	0.15487427	LINC00682
400512	ENSG00000245888	6.83501854	-0.10054711	0.37255504	0.46482876	0.68755165	NSMCE1-DT
NA	ENSG00000245904	12.2738095	0.25125917	0.46820491	0.0904023	0.23145976	
641638	ENSG00000245910	1291.51836	0.1321919	0.09145311	0.13652167	0.31158286	SNHG6
101928809	ENSG00000245928	0.31690049	0.00129534	0.38336795	0.96544212	NA	SDAD1-AS1
644873	ENSG00000245937	319.985764	-0.31014492	0.14651255	0.02163202	0.07750287	LINC01184
100996286	ENSG00000245954	0	NA	NA	NA	NA	LINC02273
645513	ENSG00000245958	284.678187	0.29753171	0.14593871	0.02706004	0.09264388	SEPTIN7P14
NA	ENSG00000245970	96.0333308	-0.16028991	0.21453723	0.36931306	0.59872292	
101928725	ENSG00000245975	5.45657227	-0.34715626	0.59625013	0.03343163	0.10939858	
NA	ENSG00000246016	0	NA	NA	NA	NA	LINC01513
100862662	ENSG00000246022	1.01980042	-0.02258427	0.38109311	0.70700324	NA	ALDH1L1-AS2
NA	ENSG00000246067	146.719781	-0.149492	0.1923266	0.36845174	0.59786396	RAB30-DT
152195	ENSG00000246082	1.30380489	-0.02762727	0.37929071	0.7029915	NA	NUDT16L2P
101929241	ENSG00000246084	0	NA	NA	NA	NA	LINC02325
100287015	ENSG00000246089	109.591209	0.0080591	0.20458053	0.96428546	0.98585095	
100507053	ENSG00000246090	75.513118	0.24741074	0.27299968	0.22437868	0.43811368	
NA	ENSG00000246095	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01096
NA	ENSG00000246100	16.7093513	0.0404997	0.33264507	0.81309796	0.91549081	LINC00900
NA	ENSG00000246115	0	NA	NA	NA	NA	SUPT4H1P2
286059	ENSG00000246130	6.19679253	0.04573877	0.35836846	0.74192379	0.87832019	
100505676	ENSG00000246145	0.68145953	0.03285411	0.38381681	0.53437202	NA	RRS1-AS1
100289388	ENSG00000246174	91.112317	0.22527606	0.21695627	0.21308229	0.42300907	KCTD21-AS1
NA	ENSG00000246203	3.04647329	0.01608424	0.37056451	0.87606568	0.94529871	
101928580	ENSG00000246211	0	NA	NA	NA	NA	P4HA3-AS1
101929524	ENSG00000246214	1.5635625	0.05740626	0.38641805	0.35881447	NA	
388011	ENSG00000246223	0	NA	NA	NA	NA	LINC01550
NA	ENSG00000246225	4.23477957	3.10472816	1.80861453	0.00302531	0.01523403	

727677	ENSG00000246228	0	NA	NA	NA	NA	CASC8
NA	ENSG00000246250	22.0020167	0.38852801	0.4465181	0.09751886	0.24456759	
NA	ENSG00000246263	23.1311689	0.23935784	0.34980993	0.25162656	0.47149344	UBR5-AS1
283104	ENSG00000246273	119.422294	0.03206257	0.19034189	0.84755563	0.93065124	SBF2-AS1
NA	ENSG00000246283	7.03343639	-0.03043608	0.3866849	0.11458097	0.27548308	
101928053	ENSG00000246308	9.36621145	-0.07659106	0.3563425	0.61104035	0.7991984	
NA	ENSG00000246316	0	NA	NA	NA	NA	
NA	ENSG00000246323	1.26906345	-0.01424487	0.3793289	0.83039239	NA	
645485	ENSG00000246331	1.41656147	0.10296478	0.40283349	0.0703514	NA	
NA	ENSG00000246334	9.83352084	0.01924753	0.34148126	0.90532253	0.95855092	PRR7-AS1
101929402	ENSG00000246339	44.5826638	0.15963899	0.29885278	0.42515328	0.6509524	EXTL3-AS1
NA	ENSG00000246350	19.3581169	0.04921245	0.31814592	0.78860663	0.90411045	
NA	ENSG00000246363	4.9725723	0.01208097	0.35960826	0.92721997	0.96953959	LINC02458
286190	ENSG00000246366	2.09514494	-0.03769611	0.3789766	0.58705331	NA	LACTB2-AS1
105369192	ENSG00000246375	0.32252989	-0.02325453	0.38531874	0.6695845	NA	PPM1K-DT
283856	ENSG00000246379	36.5102737	-1.48591643	0.44406926	5.25E-05	0.00042643	
101928597	ENSG00000246394	0.173124	-0.01911262	0.38486262	0.84537521	NA	ZNF84-DT
100505658	ENSG00000246422	0.173733	0.01914545	0.38484597	0.78225479	NA	DIAPH1-AS1
100507632	ENSG00000246430	0	NA	NA	NA	NA	LINC00968
NA	ENSG00000246451	107.829844	0.00042155	0.21000209	0.99951546	0.99966662	
NA	ENSG00000246465	284.570701	-0.03397324	0.13850256	0.79158436	0.90499209	
101929290	ENSG00000246477	26.7843321	-0.01208541	0.29604966	0.94732083	0.97843954	
100506368	ENSG00000246523	3.47426598	-0.07145107	0.37629283	0.5184946	0.73226139	FZD4-DT
339988	ENSG00000246526	2.78550196	0.02397293	0.37130308	0.8150194	0.91599551	LINC02481
101929759	ENSG00000246528	2.29998052	0.01241407	0.37512884	0.88498765	NA	
101929210	ENSG00000246541	0.173733	0.01914545	0.38484597	0.78225479	NA	
283575	ENSG00000246548	1.00670343	0.04712127	0.38598825	0.36759892	NA	LINC02288
105377348	ENSG00000246560	22.1261403	0.02933646	0.30963735	0.87562145	0.94509825	UBE2D3-AS1
NA	ENSG00000246575	0.49776469	-0.01056224	0.3828557	0.82345144	NA	
389641	ENSG00000246582	7.24977374	-0.07234041	0.36425028	0.59562402	0.78816266	
NA	ENSG00000246596	187.280409	0.30870607	0.20841509	0.08134819	0.21408425	
100652846	ENSG00000246627	1.97354862	0.01573418	0.37512807	0.85421153	NA	CACNA1C-AS1
284080	ENSG00000246640	1.17012128	0.05711269	0.38774583	0.29443997	NA	PICART1
642924	ENSG00000246662	2.2178423	-0.05960986	0.38166321	0.48571352	NA	LINC00535
NA	ENSG00000246695	399.955128	-0.01718323	0.12039461	0.87961637	0.94660386	RASSF8-AS1
55766	ENSG00000246705	35.7944484	0.48317938	0.37893038	0.05138411	0.15218103	H2AJ
85001	ENSG00000246731	12.0989558	0.06927405	0.33818833	0.68499593	0.84671809	
101928388	ENSG00000246740	0	NA	NA	NA	NA	PLA2G4E-AS1

503569	ENSG00000246763	27.2376914	-0.08665662	0.29832482	0.65192832	0.82607871	RGMB-AS1
645078	ENSG00000246774	0	NA	NA	NA	NA	COL25A1-DT
106699570	ENSG00000246777	6.43973878	0.02673134	0.36188653	0.83479834	0.92454439	
NA	ENSG00000246790	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000246792	11.0427896	-0.16113991	0.38188424	0.31810881	0.54567516	
NA	ENSG00000246820	5.86576605	-0.11795917	0.38113818	0.38322158	0.61246304	RIC3-DT
NA	ENSG00000246851	3.4681399	-0.03982578	0.37074318	0.71258383	0.86169546	
100505678	ENSG00000246859	882.726298	0.38461322	0.11029806	0.00026485	0.00183216	STARD4-AS1
NA	ENSG00000246863	6.34742154	-0.26736205	0.4867409	0.07604745	0.20347693	GPR176-DT
101927282	ENSG00000246876	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02466
NA	ENSG00000246877	10.9286818	0.08690141	0.35140546	0.59211991	0.78663848	DNM1P35
NA	ENSG00000246889	52.6937587	0.14129927	0.30554395	0.47340697	0.69547532	
NA	ENSG00000246898	8.7367248	-0.2636752	0.49446764	0.05689143	0.16436959	LINC00920
390595	ENSG00000246922	123.433385	0.22953222	0.19830833	0.17856623	0.37437958	UBAP1L
NA	ENSG00000246982	10.5542236	0.0336527	0.34034801	0.83655962	0.92562282	
144481	ENSG00000246985	97.9414855	0.00360763	0.2102154	0.98509626	0.99475332	SOCS2-AS1
NA	ENSG00000247011	0.69354441	0.01963913	0.38351215	0.62461035	NA	
NA	ENSG00000247033	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000247049	0.30001662	-0.02294459	0.38527539	0.68644828	NA	
192111	ENSG00000247077	1260.15226	-0.16874616	0.08420239	0.03960774	0.12447954	PGAM5
105369147	ENSG00000247081	62.7962486	0.18985034	0.27994586	0.3466894	0.57745009	BAALC-AS1
NA	ENSG00000247092	237.732978	0.28433132	0.15777563	0.04775888	0.14367493	SNHG10
NA	ENSG00000247095	44.0054403	0.20640661	0.29198566	0.31070447	0.53846756	MIR210HG
NA	ENSG00000247121	36.508458	0.1509804	0.29282956	0.45013484	0.67350492	
NA	ENSG00000247130	0	NA	NA	NA	NA	
101928002	ENSG00000247131	0	NA	NA	NA	NA	
NA	ENSG00000247134	4.18388238	-0.07287389	0.37923737	0.48220186	0.70272402	
NA	ENSG00000247137	103.085997	-0.254364	0.21351984	0.15546994	0.34143497	
338739	ENSG00000247151	1.26255225	0.03475241	0.38163956	0.5942197	NA	CSTF3-DT
338817	ENSG00000247157	22.7879624	0.69519282	0.72836819	0.02424959	0.08501712	LINC01252
439933	ENSG00000247193	0	NA	NA	NA	NA	
102546294	ENSG00000247199	54.0084293	0.18253057	0.27613905	0.36271428	0.59247911	
102723562	ENSG00000247213	0.48897518	-0.00720212	0.38317376	0.85593404	NA	LINC01498
400541	ENSG00000247228	1.34661596	0.06237236	0.38869501	0.25582213	NA	
440288	ENSG00000247240	112.717135	-0.06483415	0.19524368	0.6986855	0.85472333	UBL7-AS1
729013	ENSG00000247271	58.4204157	-0.17324591	0.2595935	0.37688097	0.60570261	ZBED5-AS1
NA	ENSG00000247287	0.66943461	0.03059546	0.38616409	0.42784935	NA	
NA	ENSG00000247311	0	NA	NA	NA	NA	

85364	ENSG00000247315	1285.20385	-0.15848492	0.07861968	0.0391495	0.12352513	ZCCHC3
NA	ENSG00000247317	3.17284252	-0.07763322	0.38239384	0.4319131	0.65749681	LY6E-DT
NA	ENSG00000247324	6.03664322	-0.04492208	0.35913959	0.73930715	0.87688337	
NA	ENSG00000247345	0	NA	NA	NA	NA	
100507250	ENSG00000247363	5.8091439	-0.07854925	0.36616322	0.56510399	0.76729149	
NA	ENSG00000247372	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000247373	59.9954274	0.05703384	0.24090249	0.76335802	0.89095066	TMED2-DT
NA	ENSG00000247381	0	NA	NA	NA	NA	PLUT
100289274	ENSG00000247400	51.8439537	0.1998634	0.30019238	0.32672495	0.55507989	DNAJC3-DT
NA	ENSG00000247402	0	NA	NA	NA	NA	
101928847	ENSG00000247416	79.8191392	-0.20530276	0.23200249	0.27232641	0.49568018	
100852407	ENSG00000247473	2.33459438	0.06417303	0.38051432	0.49379338	NA	CARS1-AS1
100506314	ENSG00000247498	54.4985729	0.52502026	0.32217358	0.02692264	0.09226899	GPRC5D-AS1
100505738	ENSG00000247516	102.098524	0.32451718	0.25286229	0.10420758	0.25698924	MIR4458HG
729082	ENSG00000247556	2839.43506	0.1055983	0.07925145	0.1733623	0.36633379	OIP5-AS1
NA	ENSG00000247570	0	NA	NA	NA	NA	SDCBPP2
100131067	ENSG00000247572	244.683067	0.30561175	0.1513592	0.02764206	0.09400385	CKMT2-AS1
100506540	ENSG00000247595	9.70798362	-0.08614021	0.36166244	0.55233728	0.75883745	SPTY2D1OS
11344	ENSG00000247596	1233.34283	0.13672706	0.07858698	0.07543161	0.2022854	TWF2
441009	ENSG00000247624	0.46938384	-0.00831371	0.38282047	0.86395743	NA	CPEB2-DT
92935	ENSG00000247626	285.149637	-0.09440624	0.13497601	0.45404433	0.67734106	MARS2
NA	ENSG00000247627	140.420469	-0.04003107	0.17663481	0.79919847	0.90801909	MTND4P12
100507401	ENSG00000247675	6.06892276	6.02332657	2.67251053	4.90E-05	0.00040213	LRP4-AS1
NA	ENSG00000247679	173.46333	0.09770239	0.17295357	0.52790272	0.73966031	
NA	ENSG00000247699	0	NA	NA	NA	NA	FABP6-AS1
100507266	ENSG00000247708	197.933821	-0.19609694	0.16284878	0.18249483	0.3803144	STX18-AS1
NA	ENSG00000247728	12.4506766	0.013225	0.33663814	0.93767604	0.97366414	
NA	ENSG00000247735	28.8000875	0.19098862	0.32430325	0.3467029	0.57745009	
158880	ENSG00000247746	46.9949379	-0.0571386	0.25870603	0.76473609	0.8916054	USP51
NA	ENSG00000247763	0	NA	NA	NA	NA	TUBAP14
NA	ENSG00000247765	0	NA	NA	NA	NA	
100233209	ENSG00000247774	0	NA	NA	NA	NA	PCED1B-AS1
644248	ENSG00000247775	0.90753711	0.01254962	0.38099096	0.84689909	NA	SNCA-AS1
257396	ENSG00000247796	43.637071	-0.41050572	0.33723382	0.07602858	0.20345386	
NA	ENSG00000247809	0	NA	NA	NA	NA	NR2F2-AS1
101928721	ENSG00000247810	0	NA	NA	NA	NA	
100505894	ENSG00000247828	544.931841	0.18225603	0.13539449	0.1496607	0.33254209	TMEM161B-AS1
NA	ENSG00000247853	12.5124	0.07486928	0.34501598	0.65075808	0.8254613	

283214	ENSG00000247867	0	NA	NA	NA	NA	
NA	ENSG00000247872	0	NA	NA	NA	NA	SPCS2P3
NA	ENSG00000247877	5.2332964	0.06172895	0.36695924	0.62691881	0.81066736	
NA	ENSG00000247903	39.2325987	-0.29293213	0.31850014	0.17538261	0.36938334	
NA	ENSG00000247911	0	NA	NA	NA	NA	HMGNI1P12
NA	ENSG00000247925	0	NA	NA	NA	NA	
NA	ENSG00000247934	24.4717432	-0.09061125	0.30870858	0.6294824	0.8124371	
100533182	ENSG00000247950	29.5574902	-0.17853238	0.33016414	0.36806574	0.59748194	SEC24B-AS1
NA	ENSG00000247970	3.24161276	-0.05687029	0.3751506	0.5860513	0.7817695	
283663	ENSG00000247982	83.1234385	0.60762327	0.3140297	0.01121519	0.04558686	LINC00926
NA	ENSG00000247993	0	NA	NA	NA	NA	FOXD1-AS1
100506668	ENSG00000248008	193.027916	-0.15385416	0.16151035	0.29208008	0.5181392	NRAV
NA	ENSG00000248015	141.763792	-0.09691911	0.19556937	0.56361356	0.76627833	
285512	ENSG00000248019	43.5714941	-0.37094393	0.36601081	0.10812223	0.26372572	FAM13A-AS1
100128386	ENSG00000248027	0	NA	NA	NA	NA	ARHGAP42-AS1
NA	ENSG00000248029	0	NA	NA	NA	NA	
NA	ENSG00000248049	280.562036	-0.26523777	0.14532977	0.04787944	0.14395032	UBA6-AS1
NA	ENSG00000248050	1.16530299	-0.00933206	0.37865454	0.89197594	NA	
NA	ENSG00000248079	11.8592875	0.01998977	0.34912909	0.89251697	0.95350475	DPH6-DT
NA	ENSG00000248092	330.53503	-0.35214328	0.15740628	0.01406667	0.05479733	NNT-AS1
593	ENSG00000248098	693.325875	0.07339778	0.10181633	0.45518695	0.67860754	BCKDHA
3640	ENSG00000248099	0.91150283	0.0321059	0.38464706	0.47532545	NA	INSL3
NA	ENSG00000248100	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000248101	26.9513019	0.08632525	0.31271817	0.64956865	0.82525848	
NA	ENSG00000248103	134.715354	0.18692347	0.1940471	0.26595673	0.48827746	
NA	ENSG00000248104	0	NA	NA	NA	NA	TARS2P1
NA	ENSG00000248105	0	NA	NA	NA	NA	
NA	ENSG00000248106	0	NA	NA	NA	NA	
102546228	ENSG00000248107	0	NA	NA	NA	NA	LINC02039
105378220	ENSG00000248109	0.5059888	-0.00899448	0.38322858	0.83699076	NA	MARCOL
NA	ENSG00000248112	1.00724464	0.05569532	0.38974936	0.21468543	NA	
NA	ENSG00000248113	0	NA	NA	NA	NA	
NA	ENSG00000248114	0	NA	NA	NA	NA	
NA	ENSG00000248115	2.05907386	0.04813299	0.38188844	0.51398417	NA	
NA	ENSG00000248117	0	NA	NA	NA	NA	MICOS10P4
285577	ENSG00000248118	0	NA	NA	NA	NA	LINC01019
NA	ENSG00000248120	0	NA	NA	NA	NA	
NA	ENSG00000248121	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SMURF2P1

	NA	ENSG00000248122	0	NA	NA	NA	NA	APOOP4
	NA	ENSG00000248124	273.586811	0.24023656	0.15824127	0.09520081	0.24027275	RRN3P1
	NA	ENSG00000248125	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
	NA	ENSG00000248126	0	NA	NA	NA	NA	
	NA	ENSG00000248127	27.0324111	0.09801719	0.31368285	0.60719801	0.79658855	
	NA	ENSG00000248128	0	NA	NA	NA	NA	
	NA	ENSG00000248131	27.8860146	-0.75995016	0.56717176	0.01739054	0.06511196	LINC01194
101928569	NA	ENSG00000248132	0	NA	NA	NA	NA	LINC02101
	NA	ENSG00000248133	0	NA	NA	NA	NA	MTND4LP22
	NA	ENSG00000248134	0	NA	NA	NA	NA	
	NA	ENSG00000248136	0	NA	NA	NA	NA	MTND6P8
	NA	ENSG00000248137	0	NA	NA	NA	NA	
	NA	ENSG00000248138	0	NA	NA	NA	NA	
	NA	ENSG00000248139	0	NA	NA	NA	NA	CUL4AP1
105374436	NA	ENSG00000248143	0	NA	NA	NA	NA	LINC02383
	126	ENSG00000248144	0	NA	NA	NA	NA	ADH1C
	NA	ENSG00000248145	0	NA	NA	NA	NA	
	NA	ENSG00000248148	0	NA	NA	NA	NA	
101929505	NA	ENSG00000248150	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02150
	NA	ENSG00000248152	1.03625245	0.04636748	0.38592506	0.36784203	NA	ANK2-AS1
	NA	ENSG00000248155	0	NA	NA	NA	NA	
	NA	ENSG00000248156	0	NA	NA	NA	NA	BTG4P1
	NA	ENSG00000248159	0.63341902	0.00201941	0.38251281	0.96065369	NA	HSPA8P11
	NA	ENSG00000248160	0	NA	NA	NA	NA	
	NA	ENSG00000248161	8.03273907	-0.05966198	0.3532837	0.6885907	0.84881264	
	NA	ENSG00000248162	0	NA	NA	NA	NA	CHORDC1P3
	NA	ENSG00000248165	0	NA	NA	NA	NA	
202658	NA	ENSG00000248167	0.8173843	-0.04641056	0.38801922	0.31323916	NA	TRIM39-RPP21
	NA	ENSG00000248170	0	NA	NA	NA	NA	
	NA	ENSG00000248172	0	NA	NA	NA	NA	
101928509	NA	ENSG00000248174	115.549073	1.27086448	0.23665208	7.33E-09	1.12E-07	LINC02268
	NA	ENSG00000248176	0	NA	NA	NA	NA	
	NA	ENSG00000248180	0.32306198	0.00142081	0.38336884	0.96747763	NA	GAPDHP60
	NA	ENSG00000248184	0	NA	NA	NA	NA	LINC02283
	NA	ENSG00000248185	0	NA	NA	NA	NA	
	NA	ENSG00000248187	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000248188	0	NA	NA	NA	NA	
	NA	ENSG00000248191	0	NA	NA	NA	NA	PES1P1

NA	ENSG00000248192	0	NA	NA	NA	NA	ATG10-AS1
NA	ENSG00000248195	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000248196	1.82112262	-0.00414855	0.37607936	0.95754771	NA	
728081	ENSG00000248197	0	NA	NA	NA	NA	LINC00290
NA	ENSG00000248199	0	NA	NA	NA	NA	
NA	ENSG00000248200	0	NA	NA	NA	NA	
109729164	ENSG00000248202	0.95121414	0.01529591	0.38149253	0.77718296	NA	LINC02234
NA	ENSG00000248203	0	NA	NA	NA	NA	
NA	ENSG00000248205	0	NA	NA	NA	NA	H3P17
NA	ENSG00000248206	4.21045106	-0.07735491	0.37254317	0.53107849	0.74258913	
NA	ENSG00000248208	0	NA	NA	NA	NA	WDR45P1
NA	ENSG00000248209	0	NA	NA	NA	NA	
101927849	ENSG00000248210	0	NA	NA	NA	NA	LINC02355
100874024	ENSG00000248211	0	NA	NA	NA	NA	TRPC7-AS1
NA	ENSG00000248213	95.0264234	-0.06402754	0.20701349	0.71256151	0.86169546	CICP16
NA	ENSG00000248215	0	NA	NA	NA	NA	LINC02505
NA	ENSG00000248216	0	NA	NA	NA	NA	KCTD9P5
104472519	ENSG00000248221	0.173124	-0.01911262	0.38486262	0.84537521	NA	STX18-IT1
NA	ENSG00000248222	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SLIT3-AS1
NA	ENSG00000248223	0.37844916	0.02407552	0.3854191	0.60038877	NA	
105374410	ENSG00000248227	0	NA	NA	NA	NA	LINC02513
100505893	ENSG00000248228	0	NA	NA	NA	NA	SLIT2-IT1
NA	ENSG00000248229	0	NA	NA	NA	NA	
NA	ENSG00000248231	0	NA	NA	NA	NA	KRT8P4
NA	ENSG00000248234	0	NA	NA	NA	NA	
NA	ENSG00000248235	6.16847818	0.09375894	0.38029173	0.42932447	0.65501365	
NA	ENSG00000248236	0	NA	NA	NA	NA	
NA	ENSG00000248237	0	NA	NA	NA	NA	
NA	ENSG00000248238	0	NA	NA	NA	NA	LINC02438
NA	ENSG00000248240	0.47286787	-0.03503977	0.38628279	0.4962058	NA	
NA	ENSG00000248242	0	NA	NA	NA	NA	
NA	ENSG00000248243	0.71360058	0.04206647	0.38737682	0.34113922	NA	LINC02014
NA	ENSG00000248245	0.47320054	-0.03505663	0.38628448	0.49597322	NA	
NA	ENSG00000248249	0	NA	NA	NA	NA	
NA	ENSG00000248254	0.78171723	-0.00433438	0.3821505	0.92624363	NA	
100861517	ENSG00000248256	0	NA	NA	NA	NA	OCIAD1-AS1
NA	ENSG00000248257	0	NA	NA	NA	NA	PSG10P
NA	ENSG00000248259	0	NA	NA	NA	NA	MTND4LP31

NA	ENSG00000248261	0	NA	NA	NA	NA	
NA	ENSG00000248262	0	NA	NA	NA	NA	
440101	ENSG00000248265	19.9665087	0.14494388	0.33383115	0.44869093	0.67234398	
NA	ENSG00000248266	0	NA	NA	NA	NA	
NA	ENSG00000248268	0.63636175	0.00205514	0.38250713	0.96004327	NA	
NA	ENSG00000248271	0	NA	NA	NA	NA	PGAM1P1
100507602	ENSG00000248275	96.6139032	-0.12541153	0.2160498	0.48344125	0.70370318	TRIM52-AS1
105371814	ENSG00000248278	1.68855075	-0.05174348	0.38491004	0.41302848	NA	SUMO2P17
340113	ENSG00000248279	0	NA	NA	NA	NA	LINC02120
NA	ENSG00000248281	0	NA	NA	NA	NA	
NA	ENSG00000248282	0	NA	NA	NA	NA	MTCYBP44
NA	ENSG00000248283	0.173733	0.01914545	0.38484597	0.78225479	NA	CCNL2P1
NA	ENSG00000248285	0	NA	NA	NA	NA	
NA	ENSG00000248286	0	NA	NA	NA	NA	
NA	ENSG00000248287	0	NA	NA	NA	NA	SCGB1D5P
NA	ENSG00000248288	0	NA	NA	NA	NA	
NA	ENSG00000248290	0.34685679	3.37E-05	0.38336202	0.96813594	NA	TNXA
NA	ENSG00000248293	0	NA	NA	NA	NA	
NA	ENSG00000248295	0	NA	NA	NA	NA	DDX43P1
NA	ENSG00000248296	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
105374484	ENSG00000248300	0	NA	NA	NA	NA	LINC02360
NA	ENSG00000248302	1.14022993	-0.0275741	0.38120818	0.65822137	NA	BNIP3P41
NA	ENSG00000248305	0	NA	NA	NA	NA	
641365	ENSG00000248307	0	NA	NA	NA	NA	LINC00616
NA	ENSG00000248308	0.173733	0.01914545	0.38484597	0.78225479	NA	
101929423	ENSG00000248309	16.5263358	0.20947896	0.36382517	0.28894744	0.51490664	MEF2C-AS1
NA	ENSG00000248311	0	NA	NA	NA	NA	
NA	ENSG00000248313	0	NA	NA	NA	NA	CYP4F27P
NA	ENSG00000248315	0	NA	NA	NA	NA	MTND4LP2
NA	ENSG00000248317	0	NA	NA	NA	NA	
101927543	ENSG00000248318	0	NA	NA	NA	NA	
100506085	ENSG00000248319	0.30002057	-0.02294463	0.38527539	0.68644581	NA	LINC02275
NA	ENSG00000248320	0	NA	NA	NA	NA	THAP12P9
NA	ENSG00000248322	0	NA	NA	NA	NA	
NA	ENSG00000248323	13.298052	0.36408528	0.51718304	0.08516375	0.2214571	LUCAT1
NA	ENSG00000248327	0	NA	NA	NA	NA	NOL8P1
NA	ENSG00000248328	0	NA	NA	NA	NA	MTCO3P28
100506013	ENSG00000248329	0	NA	NA	NA	NA	APELA

100507528	ENSG00000248330	0	NA	NA	NA	NA	LINC00613
101927917	ENSG00000248332	0.48057488	0.01891726	0.38429156	0.76610598	NA	TUB-AS1
984	ENSG00000248333	1147.77846	0.153206	0.09034183	0.08078509	0.21305012	CDK11B
NA	ENSG00000248334	129.819325	0.76185482	0.22404619	0.00012133	0.00090393	WHAMMP2
NA	ENSG00000248335	0	NA	NA	NA	NA	
NA	ENSG00000248336	0	NA	NA	NA	NA	HMGNI1P11
NA	ENSG00000248337	0	NA	NA	NA	NA	
NA	ENSG00000248338	0	NA	NA	NA	NA	LINC02472
101928288	ENSG00000248339	0	NA	NA	NA	NA	LINC02504
NA	ENSG00000248340	0	NA	NA	NA	NA	PIMREGP4
NA	ENSG00000248343	0	NA	NA	NA	NA	
NA	ENSG00000248346	0	NA	NA	NA	NA	
NA	ENSG00000248347	0	NA	NA	NA	NA	
NA	ENSG00000248349	0	NA	NA	NA	NA	
NA	ENSG00000248350	0	NA	NA	NA	NA	
NA	ENSG00000248351	0	NA	NA	NA	NA	HSPD1P18
NA	ENSG00000248355	0	NA	NA	NA	NA	ARL2BPP6
NA	ENSG00000248356	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000248358	0	NA	NA	NA	NA	
NA	ENSG00000248359	1.09245189	-0.07529559	0.39384814	0.15728085	NA	
201853	ENSG00000248360	1.9077009	0.05811375	0.38422928	0.42903185	NA	LINC00504
NA	ENSG00000248362	0	NA	NA	NA	NA	
NA	ENSG00000248363	0	NA	NA	NA	NA	
NA	ENSG00000248364	0	NA	NA	NA	NA	OR7E86P
NA	ENSG00000248365	0	NA	NA	NA	NA	POU5F1P7
NA	ENSG00000248366	0	NA	NA	NA	NA	TRAJ51
NA	ENSG00000248367	0.61770092	-0.01494322	0.38329171	0.72684829	NA	
NA	ENSG00000248369	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000248370	0	NA	NA	NA	NA	LINC02434
102477328	ENSG00000248371	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02056
NA	ENSG00000248373	0	NA	NA	NA	NA	
NA	ENSG00000248374	0	NA	NA	NA	NA	
NA	ENSG00000248375	0	NA	NA	NA	NA	
NA	ENSG00000248376	0	NA	NA	NA	NA	
NA	ENSG00000248377	0	NA	NA	NA	NA	HMGNI1P9
NA	ENSG00000248378	0	NA	NA	NA	NA	
56135	ENSG00000248383	93.0621022	-0.38314496	0.26742538	0.06530678	0.18235113	PCDHAC1
441864	ENSG00000248385	0	NA	NA	NA	NA	TARM1

NA	ENSG00000248387	0	NA	NA	NA	NA	
NA	ENSG00000248388	0	NA	NA	NA	NA	
NA	ENSG00000248391	0	NA	NA	NA	NA	LINC02064
NA	ENSG00000248393	0	NA	NA	NA	NA	
NA	ENSG00000248394	0.37844916	0.02407552	0.3854191	0.60038877	NA	FOSL1P1
NA	ENSG00000248396	0	NA	NA	NA	NA	TOMM22P4
NA	ENSG00000248397	0	NA	NA	NA	NA	LINC00498
NA	ENSG00000248399	0	NA	NA	NA	NA	
NA	ENSG00000248400	0.36296133	0.02389481	0.38539241	0.6099632	NA	ST13P12
NA	ENSG00000248401	0	NA	NA	NA	NA	
NA	ENSG00000248403	0	NA	NA	NA	NA	NACAP6
553158	ENSG00000248405	4.19871851	-0.07880577	0.37874607	0.47263555	0.69470213	PRR5-ARHGAP8
NA	ENSG00000248406	2.26010093	-0.10609346	0.40185673	0.09764247	NA	
NA	ENSG00000248408	0	NA	NA	NA	NA	LINC02469
NA	ENSG00000248409	6.56354283	-0.06233771	0.36097989	0.65164568	0.82602754	
NA	ENSG00000248415	0	NA	NA	NA	NA	GAPDHP61
NA	ENSG00000248416	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000248417	0	NA	NA	NA	NA	
NA	ENSG00000248418	0	NA	NA	NA	NA	UBL5P1
NA	ENSG00000248419	0	NA	NA	NA	NA	
NA	ENSG00000248420	0	NA	NA	NA	NA	MTATP6P9
NA	ENSG00000248422	0	NA	NA	NA	NA	
NA	ENSG00000248423	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000248424	0	NA	NA	NA	NA	OR51K1P
NA	ENSG00000248425	0	NA	NA	NA	NA	
NA	ENSG00000248426	0	NA	NA	NA	NA	
NA	ENSG00000248428	0	NA	NA	NA	NA	
285505	ENSG00000248429	0	NA	NA	NA	NA	FAM198B-AS1
NA	ENSG00000248430	0	NA	NA	NA	NA	HMGB3P16
NA	ENSG00000248431	0.48210744	-0.02886135	0.38584542	0.53596518	NA	
NA	ENSG00000248434	0	NA	NA	NA	NA	
NA	ENSG00000248439	1.93818725	-0.08749341	0.39206102	0.25429941	NA	RPL23AP94
NA	ENSG00000248440	0	NA	NA	NA	NA	
400456	ENSG00000248441	0	NA	NA	NA	NA	LINC01197
NA	ENSG00000248442	0	NA	NA	NA	NA	OR10J7P
NA	ENSG00000248443	0	NA	NA	NA	NA	
NA	ENSG00000248444	0	NA	NA	NA	NA	HNRNPA1P65
NA	ENSG00000248445	15.952655	-0.09606775	0.3314454	0.59331099	0.78711401	SEMA6A-AS1

NA	ENSG00000248447	0	NA	NA	NA	NA	
NA	ENSG00000248448	0	NA	NA	NA	NA	COX5BP1
56120	ENSG00000248449	4.66495325	-0.05967272	0.37416986	0.58209106	0.77905333	PCDHGB8P
NA	ENSG00000248452	0	NA	NA	NA	NA	
101929544	ENSG00000248455	0	NA	NA	NA	NA	LINC02217
NA	ENSG00000248456	0	NA	NA	NA	NA	LINC02485
NA	ENSG00000248457	0	NA	NA	NA	NA	LINC02220
NA	ENSG00000248458	7.06588339	-0.10585982	0.36834639	0.47200361	0.69433911	
NA	ENSG00000248459	0	NA	NA	NA	NA	
101929745	ENSG00000248461	0	NA	NA	NA	NA	LINC02119
NA	ENSG00000248462	0	NA	NA	NA	NA	NENFP3
101927075	ENSG00000248464	0	NA	NA	NA	NA	FGF10-AS1
NA	ENSG00000248466	0	NA	NA	NA	NA	
NA	ENSG00000248468	5.78087513	-0.00103032	0.35735068	0.99178294	0.9973124	
100996385	ENSG00000248469	0	NA	NA	NA	NA	
NA	ENSG00000248471	0	NA	NA	NA	NA	
727856	ENSG00000248472	1.27352761	-0.04114059	0.38274431	0.52362844	NA	DDX11L9
100287596	ENSG00000248472	1.27352761	-0.04114059	0.38274431	0.52362844	NA	DDX11L9
100288486	ENSG00000248472	1.27352761	-0.04114059	0.38274431	0.52362844	NA	DDX11L9
NA	ENSG00000248473	2.3190051	0.03814041	0.38168957	0.55912499	NA	LINC01962
NA	ENSG00000248474	0	NA	NA	NA	NA	LINC02122
NA	ENSG00000248475	0.49839687	-0.01005991	0.38282607	0.82971604	NA	
NA	ENSG00000248476	1.87476172	0.0481223	0.37976407	0.56482349	NA	BACH1-IT1
NA	ENSG00000248477	110.078321	-0.00179267	0.20469916	0.99037601	0.99675646	NAIPP3
NA	ENSG00000248479	0	NA	NA	NA	NA	
NA	ENSG00000248480	0	NA	NA	NA	NA	
NA	ENSG00000248482	0	NA	NA	NA	NA	
134187	ENSG00000248483	2.45950607	-0.06796738	0.3821991	0.45222854	NA	POU5F2
NA	ENSG00000248484	0	NA	NA	NA	NA	
654790	ENSG00000248485	9.71531057	-0.05692911	0.35222829	0.70412636	0.85774517	PCP4L1
25864	ENSG00000248487	377.847244	-0.07833242	0.12601526	0.50947419	0.7251053	ABHD14A
NA	ENSG00000248488	0	NA	NA	NA	NA	PGAM4P2
NA	ENSG00000248489	11.0542323	-0.03086781	0.34045941	0.84586851	0.93006158	LINC02062
NA	ENSG00000248490	0	NA	NA	NA	NA	
NA	ENSG00000248491	0	NA	NA	NA	NA	
594840	ENSG00000248492	0	NA	NA	NA	NA	ZFAT-AS1
NA	ENSG00000248493	0	NA	NA	NA	NA	
NA	ENSG00000248494	0.16735865	0.01897177	0.38482933	0.78225479	NA	LNX1-AS2

389652	ENSG00000248498	11.0631466	0.02787168	0.35657723	0.84129991	0.92791806	ASNSP1
NA	ENSG00000248503	14.2137289	0.25328579	0.40961375	0.19459253	0.39768396	
NA	ENSG00000248505	0	NA	NA	NA	NA	LINC02380
NA	ENSG00000248506	0	NA	NA	NA	NA	TUBAP10
NA	ENSG00000248507	0	NA	NA	NA	NA	OR5H4P
100131089	ENSG00000248508	140.229682	0.0129242	0.19104	0.93926239	0.97474024	SRP14-AS1
NA	ENSG00000248510	1.44976498	0.08766479	0.39472303	0.16541053	NA	LINC02267
NA	ENSG00000248511	0	NA	NA	NA	NA	
NA	ENSG00000248514	1.76247548	0.00949893	0.37791566	0.89684445	NA	
NA	ENSG00000248515	0	NA	NA	NA	NA	
NA	ENSG00000248516	0	NA	NA	NA	NA	
NA	ENSG00000248517	0	NA	NA	NA	NA	LINC02437
NA	ENSG00000248518	0	NA	NA	NA	NA	
NA	ENSG00000248521	0	NA	NA	NA	NA	
100133234	ENSG00000248522	0	NA	NA	NA	NA	SBF1P1
NA	ENSG00000248525	0	NA	NA	NA	NA	
NA	ENSG00000248527	5821.46592	-0.02251423	0.07683384	0.76424718	0.89148768	MTATP6P1
NA	ENSG00000248528	0	NA	NA	NA	NA	LINC02058
101928651	ENSG00000248529	0	NA	NA	NA	NA	
NA	ENSG00000248530	0	NA	NA	NA	NA	BCL2L12P1
NA	ENSG00000248531	0	NA	NA	NA	NA	NDUFA5P12
NA	ENSG00000248532	0	NA	NA	NA	NA	
NA	ENSG00000248533	0	NA	NA	NA	NA	
NA	ENSG00000248537	0	NA	NA	NA	NA	
157273	ENSG00000248538	104.175446	-1.37098663	0.25519506	6.43E-09	9.94E-08	
NA	ENSG00000248539	0	NA	NA	NA	NA	LINC02117
283731	ENSG00000248540	980.804525	-0.99281584	0.0915766	3.05E-28	1.65E-26	
NA	ENSG00000248542	0	NA	NA	NA	NA	
NA	ENSG00000248543	0	NA	NA	NA	NA	NPM1P41
NA	ENSG00000248544	20.0423376	0.29564253	0.40272749	0.16666428	0.35740949	
NA	ENSG00000248545	0	NA	NA	NA	NA	
23520	ENSG00000248546	0	NA	NA	NA	NA	ANP32C
NA	ENSG00000248547	0	NA	NA	NA	NA	
NA	ENSG00000248548	0	NA	NA	NA	NA	MTND4P8
NA	ENSG00000248550	0	NA	NA	NA	NA	OTX2-AS1
NA	ENSG00000248551	0	NA	NA	NA	NA	
NA	ENSG00000248552	0	NA	NA	NA	NA	
NA	ENSG00000248553	0	NA	NA	NA	NA	OR52H2P

NA	ENSG00000248554	0.60062881	-0.03512702	0.38649214	0.44186948	NA	C5orf34-AS1
NA	ENSG00000248555	0	NA	NA	NA	NA	LINC01339
NA	ENSG00000248557	2.93410687	-0.0691493	0.37744569	0.51504031	0.72955207	
NA	ENSG00000248559	1.79576537	0.01543964	0.37667477	0.84776333	NA	
NA	ENSG00000248560	0	NA	NA	NA	NA	
NA	ENSG00000248564	0.97286767	0.02331411	0.38224796	0.66400528	NA	
NA	ENSG00000248565	0	NA	NA	NA	NA	TECRP2
NA	ENSG00000248567	0	NA	NA	NA	NA	
NA	ENSG00000248568	0	NA	NA	NA	NA	KRT8P48
NA	ENSG00000248569	0	NA	NA	NA	NA	
NA	ENSG00000248571	0	NA	NA	NA	NA	
100506475	ENSG00000248572	0	NA	NA	NA	NA	EGFLAM-AS2
NA	ENSG00000248573	0	NA	NA	NA	NA	PRYP6
NA	ENSG00000248574	0	NA	NA	NA	NA	ADAM20P2
NA	ENSG00000248576	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000248577	0	NA	NA	NA	NA	
NA	ENSG00000248578	0.173124	-0.01911262	0.38486262	0.84537521	NA	NPM1P21
NA	ENSG00000248583	13.4668491	0.43056827	0.654419	0.04421853	0.13540604	
NA	ENSG00000248585	0	NA	NA	NA	NA	
NA	ENSG00000248586	0	NA	NA	NA	NA	
NA	ENSG00000248587	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GDNF-AS1
NA	ENSG00000248588	0	NA	NA	NA	NA	
NA	ENSG00000248590	0	NA	NA	NA	NA	GLDCP1
NA	ENSG00000248591	0	NA	NA	NA	NA	
100526772	ENSG00000248592	154.269828	0.09530824	0.18603254	0.55972046	0.76413192	STIMATE-MUSTN1
171220	ENSG00000248593	30.3674669	-0.17611013	0.34508391	0.3614919	0.59131002	DSTNP2
NA	ENSG00000248596	4.2155139	-0.06807207	0.37542969	0.53931969	0.74850934	
NA	ENSG00000248597	0	NA	NA	NA	NA	
441374	ENSG00000248599	0.51894312	-0.03057635	0.38600037	0.50874356	NA	
NA	ENSG00000248600	0	NA	NA	NA	NA	
NA	ENSG00000248601	0	NA	NA	NA	NA	
NA	ENSG00000248605	0	NA	NA	NA	NA	
NA	ENSG00000248607	0	NA	NA	NA	NA	
NA	ENSG00000248608	0	NA	NA	NA	NA	
NA	ENSG00000248610	0.173733	0.01914545	0.38484597	0.78225479	NA	HSPA8P4
NA	ENSG00000248611	0	NA	NA	NA	NA	
NA	ENSG00000248613	0	NA	NA	NA	NA	
NA	ENSG00000248616	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ANKRD49P3

NA	ENSG00000248618	0	NA	NA	NA	NA	ENPP7P3
NA	ENSG00000248621	0	NA	NA	NA	NA	
NA	ENSG00000248624	0	NA	NA	NA	NA	
NA	ENSG00000248625	0	NA	NA	NA	NA	
NA	ENSG00000248626	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAPDHP40
NA	ENSG00000248627	0	NA	NA	NA	NA	
NA	ENSG00000248629	0	NA	NA	NA	NA	
NA	ENSG00000248633	0	NA	NA	NA	NA	WRBP1
NA	ENSG00000248634	0	NA	NA	NA	NA	
NA	ENSG00000248635	0	NA	NA	NA	NA	
NA	ENSG00000248636	0.90008354	0.05176537	0.38895511	0.25020729	NA	
NA	ENSG00000248637	0	NA	NA	NA	NA	
NA	ENSG00000248639	0	NA	NA	NA	NA	
NA	ENSG00000248640	0	NA	NA	NA	NA	HNRNPA1P56
NA	ENSG00000248641	1.22324644	0.0335042	0.38285929	0.5569705	NA	HMGA1P2
NA	ENSG00000248642	0	NA	NA	NA	NA	OR10J2P
100526737	ENSG00000248643	358.168452	-0.05470295	0.13174463	0.65755043	0.83025448	RBM14-RBM4
NA	ENSG00000248645	0	NA	NA	NA	NA	
NA	ENSG00000248646	0	NA	NA	NA	NA	
NA	ENSG00000248647	0	NA	NA	NA	NA	
NA	ENSG00000248648	0	NA	NA	NA	NA	
NA	ENSG00000248651	0	NA	NA	NA	NA	GCSHP1
NA	ENSG00000248652	0	NA	NA	NA	NA	
NA	ENSG00000248654	0	NA	NA	NA	NA	MTCO3P44
NA	ENSG00000248656	0	NA	NA	NA	NA	
NA	ENSG00000248659	0	NA	NA	NA	NA	
NA	ENSG00000248660	0	NA	NA	NA	NA	SRIP1
NA	ENSG00000248663	0	NA	NA	NA	NA	LINC00992
NA	ENSG00000248664	1.78557264	0.00113519	0.37435429	0.99075009	NA	
NA	ENSG00000248667	0	NA	NA	NA	NA	
100874002	ENSG00000248668	43.9834648	-0.22411827	0.30475195	0.2783643	0.50275355	OXCT1-AS1
NA	ENSG00000248669	0	NA	NA	NA	NA	
285407	ENSG00000248671	54.9492586	0.49945185	0.31887704	0.03288071	0.10786266	
100526664	ENSG00000248672	0	NA	NA	NA	NA	LY75-CD302
104310351	ENSG00000248673	0	NA	NA	NA	NA	LINC01331
NA	ENSG00000248674	0	NA	NA	NA	NA	RBBP4P6
NA	ENSG00000248676	0	NA	NA	NA	NA	
100505625	ENSG00000248677	3.05724009	-0.0072467	0.37596449	0.89572535	0.95469109	LINC02102

NA	ENSG00000248682	0	NA	NA	NA	NA	ARHGAP22-IT1
NA	ENSG00000248684	0	NA	NA	NA	NA	BIN2P2
NA	ENSG00000248685	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02484
NA	ENSG00000248687	0	NA	NA	NA	NA	
NA	ENSG00000248690	0	NA	NA	NA	NA	HAS2-AS1
NA	ENSG00000248692	0	NA	NA	NA	NA	ADGRL3-AS1
NA	ENSG00000248693	0	NA	NA	NA	NA	LINC02100
NA	ENSG00000248694	0	NA	NA	NA	NA	
NA	ENSG00000248696	0	NA	NA	NA	NA	
NA	ENSG00000248697	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TOX4P1
152742	ENSG00000248698	0.45209736	-0.02505403	0.38558831	0.57865948	NA	LINC01085
NA	ENSG00000248699	0	NA	NA	NA	NA	
NA	ENSG00000248701	0	NA	NA	NA	NA	
NA	ENSG00000248702	0	NA	NA	NA	NA	
107161159	ENSG00000248703	0	NA	NA	NA	NA	LINC02415
NA	ENSG00000248704	0	NA	NA	NA	NA	MTND4P2
NA	ENSG00000248705	0	NA	NA	NA	NA	
NA	ENSG00000248708	0	NA	NA	NA	NA	LINC02144
NA	ENSG00000248709	0	NA	NA	NA	NA	
NA	ENSG00000248710	3.58517262	0.03445342	0.37598848	0.70373726	0.85757322	
NA	ENSG00000248711	0	NA	NA	NA	NA	THUMPD3P1
283152	ENSG00000248712	3.27532407	0.1286892	0.40247851	0.19592548	0.39958487	CCDC153
285556	ENSG00000248713	0	NA	NA	NA	NA	C4orf54
NA	ENSG00000248714	12.0824352	2.26987159	0.78775538	0.00016201	0.00117565	
NA	ENSG00000248715	0	NA	NA	NA	NA	
NA	ENSG00000248716	0	NA	NA	NA	NA	
NA	ENSG00000248717	0	NA	NA	NA	NA	LINC02222
NA	ENSG00000248719	21.2549906	1.69248149	0.61221067	0.00031942	0.00216588	
NA	ENSG00000248720	0	NA	NA	NA	NA	RFPL4AP5
NA	ENSG00000248722	0	NA	NA	NA	NA	AK3P4
348808	ENSG00000248724	0.16735865	0.01897177	0.38482933	0.78225479	NA	NPHP3-AS1
NA	ENSG00000248725	0	NA	NA	NA	NA	
102467147	ENSG00000248727	157.772632	-0.55870761	0.21118433	0.00236996	0.01238998	LINC01948
NA	ENSG00000248729	0.18922458	0.01954053	0.38488496	0.78225479	NA	MTCO1P30
100852408	ENSG00000248730	0	NA	NA	NA	NA	EGFLAM-AS4
NA	ENSG00000248733	0	NA	NA	NA	NA	
NA	ENSG00000248734	2.56724871	0.00068413	0.37322375	0.99574693	0.99852582	
NA	ENSG00000248735	0.84010937	0.01874551	0.38137987	0.73985823	NA	R3HDM2P1

NA	ENSG00000248736	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
101929237	ENSG00000248738	0.70683294	0.0359026	0.38639988	0.50393839	NA	
NA	ENSG00000248739	0	NA	NA	NA	NA	
NA	ENSG00000248740	0	NA	NA	NA	NA	LINC02428
NA	ENSG00000248744	0	NA	NA	NA	NA	
NA	ENSG00000248745	0	NA	NA	NA	NA	NMNAT1P4
89	ENSG00000248746	1.73470525	0.03016427	0.37822577	0.70098404	NA	ACTN3
NA	ENSG00000248747	0	NA	NA	NA	NA	
NA	ENSG00000248748	0	NA	NA	NA	NA	MTND5P9
NA	ENSG00000248749	0	NA	NA	NA	NA	
NA	ENSG00000248750	0	NA	NA	NA	NA	
NA	ENSG00000248751	8.56557883	0.16234641	0.38794339	0.3047277	0.53198909	
NA	ENSG00000248752	0.89301899	0.06433558	0.39119747	0.20339845	NA	
NA	ENSG00000248753	0	NA	NA	NA	NA	
NA	ENSG00000248755	0	NA	NA	NA	NA	
102467212	ENSG00000248757	0	NA	NA	NA	NA	LINC02115
NA	ENSG00000248758	0	NA	NA	NA	NA	
NA	ENSG00000248761	0	NA	NA	NA	NA	
NA	ENSG00000248762	0	NA	NA	NA	NA	
NA	ENSG00000248763	0	NA	NA	NA	NA	
NA	ENSG00000248764	0	NA	NA	NA	NA	
NA	ENSG00000248765	0	NA	NA	NA	NA	MTCYBP37
NA	ENSG00000248766	0	NA	NA	NA	NA	
116033993	ENSG00000248767	0	NA	NA	NA	NA	FOXL3
NA	ENSG00000248769	1.46471823	-0.0236638	0.38072951	0.70666385	NA	
NA	ENSG00000248770	0	NA	NA	NA	NA	
100505989	ENSG00000248771	0	NA	NA	NA	NA	SMIM31
NA	ENSG00000248772	0	NA	NA	NA	NA	
NA	ENSG00000248773	0	NA	NA	NA	NA	
NA	ENSG00000248774	0.93567972	-0.01407949	0.38225024	0.7724176	NA	
NA	ENSG00000248775	0	NA	NA	NA	NA	
NA	ENSG00000248777	0	NA	NA	NA	NA	
NA	ENSG00000248778	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000248779	0	NA	NA	NA	NA	
NA	ENSG00000248780	1.5370993	0.07516568	0.3894593	0.29117702	NA	ARL4AP2
NA	ENSG00000248781	0	NA	NA	NA	NA	PSMC1P4
NA	ENSG00000248783	3.85261436	0.00625939	0.36655504	0.9573928	0.98264776	
NA	ENSG00000248785	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HIGD1AP14

	NA	ENSG00000248787	0.36238946	0.00092298	0.38336451	0.96708633	NA	
105378960	NA	ENSG00000248789	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02118
	NA	ENSG00000248790	0	NA	NA	NA	NA	
	NA	ENSG00000248791	4.32110298	-0.12897618	0.39324543	0.2913955	0.51742125	
	NA	ENSG00000248792	0	NA	NA	NA	NA	LINC00266-2P
	NA	ENSG00000248794	1.92336437	-0.00195534	0.3759991	0.97918359	NA	
	NA	ENSG00000248795	0	NA	NA	NA	NA	
	NA	ENSG00000248796	0	NA	NA	NA	NA	MED15P8
	NA	ENSG00000248799	0	NA	NA	NA	NA	
	NA	ENSG00000248801	0	NA	NA	NA	NA	C8orf34-AS1
	NA	ENSG00000248802	0	NA	NA	NA	NA	
	NA	ENSG00000248803	0	NA	NA	NA	NA	
	NA	ENSG00000248807	0	NA	NA	NA	NA	KRTAP9-12P
100505545	NA	ENSG00000248809	0	NA	NA	NA	NA	LINC01095
100507639	NA	ENSG00000248810	0	NA	NA	NA	NA	LINC02432
	NA	ENSG00000248813	0	NA	NA	NA	NA	
	NA	ENSG00000248816	0	NA	NA	NA	NA	
	NA	ENSG00000248817	0	NA	NA	NA	NA	PMPCAP1
	NA	ENSG00000248820	0	NA	NA	NA	NA	DYNLL1P6
	NA	ENSG00000248821	0	NA	NA	NA	NA	
	NA	ENSG00000248822	0	NA	NA	NA	NA	APOBEC3AP1
	NA	ENSG00000248824	0	NA	NA	NA	NA	
	NA	ENSG00000248826	0	NA	NA	NA	NA	PCBP2P3
	NA	ENSG00000248827	0.46900914	-0.00697274	0.38321924	0.87215679	NA	
	NA	ENSG00000248830	2.06719697	0.06685459	0.38361564	0.43220277	NA	ZNF807P
	NA	ENSG00000248831	0	NA	NA	NA	NA	
	NA	ENSG00000248834	0	NA	NA	NA	NA	MARK2P5
	NA	ENSG00000248837	0.91076083	-0.06445893	0.39115812	0.21666812	NA	
	NA	ENSG00000248838	0	NA	NA	NA	NA	PGAM1P13
	NA	ENSG00000248839	0	NA	NA	NA	NA	
	NA	ENSG00000248840	1.50849692	0.04936896	0.38220772	0.50820655	NA	
	NA	ENSG00000248842	0	NA	NA	NA	NA	
	NA	ENSG00000248843	0.34746601	0.02370763	0.3853651	0.61987128	NA	
101928443	NA	ENSG00000248844	0	NA	NA	NA	NA	LINC02753
	NA	ENSG00000248846	0	NA	NA	NA	NA	LINC02065
	NA	ENSG00000248847	0	NA	NA	NA	NA	
10895	NA	ENSG00000248848	0	NA	NA	NA	NA	PPBPP2
	NA	ENSG00000248850	0.33471731	0.02354391	0.38534154	0.62842204	NA	

NA	ENSG00000248851	0	NA	NA	NA	NA	
NA	ENSG00000248853	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000248854	0	NA	NA	NA	NA	HNRNPH1P3
441369	ENSG00000248858	11.7413369	0.06918776	0.34077367	0.68140672	0.84429601	
102577424	ENSG00000248859	0	NA	NA	NA	NA	LINC01574
NA	ENSG00000248863	1.34558798	-0.01960949	0.37868597	0.78372612	NA	
NA	ENSG00000248866	39.794508	0.17100764	0.28163206	0.39533261	0.62492223	USP46-DT
NA	ENSG00000248867	0	NA	NA	NA	NA	
105377441	ENSG00000248869	0	NA	NA	NA	NA	LINC02511
NA	ENSG00000248870	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
407977	ENSG00000248871	15.171083	0.17049792	0.4040293	0.24052479	0.45858273	TNFSF12-TNFSF13
100506122	ENSG00000248872	0	NA	NA	NA	NA	LINC02431
NA	ENSG00000248873	0.44938071	-0.02728241	0.38571165	0.56220732	NA	SERBP1P6
439936	ENSG00000248874	0	NA	NA	NA	NA	C5orf17
NA	ENSG00000248876	0	NA	NA	NA	NA	
NA	ENSG00000248877	0	NA	NA	NA	NA	PGBD4P4
NA	ENSG00000248878	0	NA	NA	NA	NA	
NA	ENSG00000248880	0	NA	NA	NA	NA	ICE2P1
NA	ENSG00000248881	0	NA	NA	NA	NA	
NA	ENSG00000248883	0	NA	NA	NA	NA	B4GALNT2P1
NA	ENSG00000248884	0	NA	NA	NA	NA	
NA	ENSG00000248885	0	NA	NA	NA	NA	SEPTIN7P10
NA	ENSG00000248886	0	NA	NA	NA	NA	UGT2A3P7
646576	ENSG00000248890	0.83612448	0.02948033	0.38441029	0.50960419	NA	HHIP-AS1
NA	ENSG00000248891	0	NA	NA	NA	NA	
100124412	ENSG00000248893	0	NA	NA	NA	NA	FAM138E
NA	ENSG00000248895	0	NA	NA	NA	NA	
102723313	ENSG00000248896	7.26841703	-0.00099124	0.35357869	0.99234524	0.99756121	
NA	ENSG00000248898	1.67228381	0.02976462	0.37992018	0.67496975	NA	
105379098	ENSG00000248901	0	NA	NA	NA	NA	LINC01846
NA	ENSG00000248903	0	NA	NA	NA	NA	
342184	ENSG00000248905	191.092981	-0.3692063	0.25942896	0.06931765	0.19008462	FMN1
NA	ENSG00000248907	0	NA	NA	NA	NA	MTND2P33
340107	ENSG00000248908	0	NA	NA	NA	NA	LINC02239
NA	ENSG00000248909	0.76421431	-0.02902927	0.38363156	0.56424374	NA	HMGB1P21
NA	ENSG00000248911	0	NA	NA	NA	NA	
NA	ENSG00000248912	0	NA	NA	NA	NA	
NA	ENSG00000248913	0	NA	NA	NA	NA	PHBP14

NA	ENSG00000248915	0	NA	NA	NA	NA	ACTR6P1
NA	ENSG00000248916	0	NA	NA	NA	NA	NUP210P3
NA	ENSG00000248918	2.83675409	-0.11058348	0.39341614	0.27728635	0.50167437	
100526740	ENSG00000248919	190.979986	-0.24018116	0.18963168	0.14560388	0.32613386	ATP5MF-PTCD1
100287404	ENSG00000248920	0	NA	NA	NA	NA	USP17L19
NA	ENSG00000248921	0	NA	NA	NA	NA	
NA	ENSG00000248923	2.00426366	-0.01535706	0.37409206	0.86279158	NA	MTND5P11
NA	ENSG00000248924	0	NA	NA	NA	NA	
NA	ENSG00000248925	2.25321111	-0.00200588	0.37467864	0.97974329	NA	
NA	ENSG00000248926	0.3256545	0.00214007	0.38337717	0.95982218	NA	
NA	ENSG00000248927	3.76674613	0.02872806	0.36960124	0.79127628	0.90493295	
NA	ENSG00000248928	0	NA	NA	NA	NA	
NA	ENSG00000248929	0	NA	NA	NA	NA	HIGD1AP3
NA	ENSG00000248930	0	NA	NA	NA	NA	CHP1P1
NA	ENSG00000248931	0	NA	NA	NA	NA	MTCYBP40
100507291	ENSG00000248932	184.81723	0.03549047	0.19692733	0.83514374	0.92475394	
100287513	ENSG00000248933	0	NA	NA	NA	NA	USP17L22
NA	ENSG00000248935	0	NA	NA	NA	NA	
NA	ENSG00000248936	2.10104606	0.12457911	0.40536615	0.14914491	NA	
NA	ENSG00000248939	0	NA	NA	NA	NA	
NA	ENSG00000248942	0	NA	NA	NA	NA	LINC01335
NA	ENSG00000248943	0	NA	NA	NA	NA	
NA	ENSG00000248944	0	NA	NA	NA	NA	FAM90A6P
NA	ENSG00000248946	0	NA	NA	NA	NA	MTND3P22
NA	ENSG00000248949	0.47326976	-0.00742667	0.38322908	0.86449	NA	
NA	ENSG00000248950	0	NA	NA	NA	NA	LDHBP3
NA	ENSG00000248951	0	NA	NA	NA	NA	MTCO2P32
NA	ENSG00000248954	0	NA	NA	NA	NA	
NA	ENSG00000248955	0	NA	NA	NA	NA	
NA	ENSG00000248956	0.18922458	0.01954053	0.38488496	0.78225479	NA	HMGB1P44
NA	ENSG00000248958	0	NA	NA	NA	NA	ZSWIM5P3
NA	ENSG00000248962	0	NA	NA	NA	NA	
101929470	ENSG00000248964	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000248965	0	NA	NA	NA	NA	
NA	ENSG00000248966	0.18922458	0.01954053	0.38488496	0.78225479	NA	BCLAF1P1
NA	ENSG00000248967	0	NA	NA	NA	NA	
NA	ENSG00000248968	0.74981427	-0.04344279	0.38756701	0.34464352	NA	
NA	ENSG00000248969	0	NA	NA	NA	NA	

NA	ENSG00000248971	11.1787781	-0.04396279	0.34221066	0.78214973	0.90073431	KRT8P46
NA	ENSG00000248973	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000248975	0.35670009	0.0238172	0.38538108	0.61400743	NA	
NA	ENSG00000248977	0	NA	NA	NA	NA	
NA	ENSG00000248978	0	NA	NA	NA	NA	
NA	ENSG00000248979	0	NA	NA	NA	NA	LAMTOR3P2
NA	ENSG00000248980	0	NA	NA	NA	NA	SPCS3-AS1
NA	ENSG00000248984	0	NA	NA	NA	NA	
NA	ENSG00000248987	0	NA	NA	NA	NA	PRDX4P1
NA	ENSG00000248988	0.47407388	-0.0284743	0.38581144	0.5423502	NA	PSME2P3
NA	ENSG00000248990	0	NA	NA	NA	NA	LINC02758
NA	ENSG00000248991	0	NA	NA	NA	NA	
NA	ENSG00000248993	0.173124	-0.01911262	0.38486262	0.84537521	NA	
105374618	ENSG00000248994	0	NA	NA	NA	NA	
109729131	ENSG00000248995	0	NA	NA	NA	NA	LINC02231
NA	ENSG00000248996	0	NA	NA	NA	NA	
NA	ENSG00000248998	0	NA	NA	NA	NA	EFL1P2
NA	ENSG00000249000	0	NA	NA	NA	NA	
NA	ENSG00000249001	0	NA	NA	NA	NA	
NA	ENSG00000249002	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000249003	0	NA	NA	NA	NA	CLUHP4
NA	ENSG00000249004	0.33471731	0.02354391	0.38534154	0.62842204	NA	PRMT5P1
NA	ENSG00000249005	0	NA	NA	NA	NA	FAM90A4P
NA	ENSG00000249006	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000249007	0	NA	NA	NA	NA	
NA	ENSG00000249008	0	NA	NA	NA	NA	
NA	ENSG00000249012	0	NA	NA	NA	NA	
NA	ENSG00000249013	0	NA	NA	NA	NA	FTH1P21
NA	ENSG00000249014	0.36324351	0.00164598	0.38337046	0.96027808	NA	HMG2P4
NA	ENSG00000249016	0	NA	NA	NA	NA	
NA	ENSG00000249017	0	NA	NA	NA	NA	
NA	ENSG00000249018	0	NA	NA	NA	NA	GAPDHP56
NA	ENSG00000249019	0	NA	NA	NA	NA	
NA	ENSG00000249020	0	NA	NA	NA	NA	SNORA58
NA	ENSG00000249021	0	NA	NA	NA	NA	
NA	ENSG00000249022	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000249023	0	NA	NA	NA	NA	
NA	ENSG00000249025	0	NA	NA	NA	NA	ZNF519P4

	NA	ENSG00000249026	0.173733	0.01914545	0.38484597	0.78225479	NA	CTNNA1P1
	NA	ENSG00000249028	0	NA	NA	NA	NA	
	NA	ENSG00000249031	0	NA	NA	NA	NA	SUMO2P6
101927096		ENSG00000249035	0.48942322	-0.00559511	0.38311451	0.88937625	NA	CLMAT3
	NA	ENSG00000249036	0	NA	NA	NA	NA	
	NA	ENSG00000249038	0	NA	NA	NA	NA	AARS1P1
	NA	ENSG00000249041	0	NA	NA	NA	NA	
	NA	ENSG00000249042	163.170432	0.29146463	0.18122872	0.0688298	0.18913894	
	NA	ENSG00000249045	0	NA	NA	NA	NA	MTND3P24
	NA	ENSG00000249047	0	NA	NA	NA	NA	COX6B1P5
	NA	ENSG00000249048	0	NA	NA	NA	NA	TRAV31
	NA	ENSG00000249049	0	NA	NA	NA	NA	
	NA	ENSG00000249050	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000249051	0	NA	NA	NA	NA	
	NA	ENSG00000249052	0	NA	NA	NA	NA	
	NA	ENSG00000249053	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
677784		ENSG00000249054	0	NA	NA	NA	NA	FAM138D
	NA	ENSG00000249055	0.29863895	-0.02292439	0.3852726	0.68753245	NA	TBCAP3
	NA	ENSG00000249056	0	NA	NA	NA	NA	
	NA	ENSG00000249057	0	NA	NA	NA	NA	MAST4-IT1
	NA	ENSG00000249061	0	NA	NA	NA	NA	
	NA	ENSG00000249064	0	NA	NA	NA	NA	KRT18P25
	NA	ENSG00000249065	0	NA	NA	NA	NA	PCNAP1
	NA	ENSG00000249066	0	NA	NA	NA	NA	LINC02496
	NA	ENSG00000249068	0	NA	NA	NA	NA	
	NA	ENSG00000249069	0.31681308	0.00121345	0.38336728	0.96622676	NA	LINC01033
	NA	ENSG00000249071	0	NA	NA	NA	NA	EGFLAM-AS3
	NA	ENSG00000249072	0	NA	NA	NA	NA	
105664404		ENSG00000249073	1.43090226	-0.0561726	0.38473649	0.4185575	NA	WSPAR
	NA	ENSG00000249074	0	NA	NA	NA	NA	NDUFB2P1
	NA	ENSG00000249077	0	NA	NA	NA	NA	
	NA	ENSG00000249079	0	NA	NA	NA	NA	
	NA	ENSG00000249081	0	NA	NA	NA	NA	OR5M14P
101927953		ENSG00000249082	0	NA	NA	NA	NA	C5orf66-AS1
	NA	ENSG00000249084	3.28752696	0.02634437	0.37077418	0.80055797	0.90868418	
	NA	ENSG00000249085	1.71453585	-0.04146158	0.38046063	0.5811695	NA	
	NA	ENSG00000249086	0	NA	NA	NA	NA	
	NA	ENSG00000249087	47.4794286	1.08766873	0.37138028	0.0003097	0.00210787	ZNF436-AS1

NA	ENSG00000249089	0	NA	NA	NA	NA	AIG1P1
NA	ENSG00000249091	0	NA	NA	NA	NA	
NA	ENSG00000249092	0	NA	NA	NA	NA	PPIAP77
NA	ENSG00000249094	0	NA	NA	NA	NA	
NA	ENSG00000249096	3.27551903	0.07966879	0.38364654	0.40778096	0.63603571	LINC02362
NA	ENSG00000249098	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000249099	0	NA	NA	NA	NA	
NA	ENSG00000249100	0	NA	NA	NA	NA	
NA	ENSG00000249101	0	NA	NA	NA	NA	
NA	ENSG00000249102	0	NA	NA	NA	NA	
100287327	ENSG00000249104	0	NA	NA	NA	NA	USP17L17
NA	ENSG00000249105	0	NA	NA	NA	NA	
101928590	ENSG00000249106	0	NA	NA	NA	NA	
NA	ENSG00000249109	0	NA	NA	NA	NA	
NA	ENSG00000249111	0	NA	NA	NA	NA	
NA	ENSG00000249112	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000249114	0	NA	NA	NA	NA	
23354	ENSG00000249115	597.038008	0.26577749	0.10446474	0.00802441	0.03460211	HAUS5
NA	ENSG00000249116	0	NA	NA	NA	NA	IRX4-AS1
NA	ENSG00000249119	0	NA	NA	NA	NA	MTND6P4
NA	ENSG00000249122	6.3326703	-0.01012767	0.35917916	0.93542631	0.97325384	
NA	ENSG00000249125	0	NA	NA	NA	NA	
NA	ENSG00000249127	0	NA	NA	NA	NA	MTND3P3
102467225	ENSG00000249128	0	NA	NA	NA	NA	LINC02215
NA	ENSG00000249129	0.35669568	0.02381717	0.38538108	0.61400966	NA	SUDS3P1
NA	ENSG00000249131	2.35896606	0.01160899	0.37485997	0.894438	NA	PSD2-AS1
NA	ENSG00000249135	0	NA	NA	NA	NA	
643036	ENSG00000249138	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100526773	ENSG00000249139	0	NA	NA	NA	NA	EPPIN-WFDC6
NA	ENSG00000249140	0.83387356	0.01594917	0.38189335	0.75789975	NA	PRDX2P3
NA	ENSG00000249141	1.70581107	0.09296418	0.39987022	0.06733456	NA	
NA	ENSG00000249142	0	NA	NA	NA	NA	
105374374	ENSG00000249145	0	NA	NA	NA	NA	LINC02517
NA	ENSG00000249148	0	NA	NA	NA	NA	
NA	ENSG00000249149	0	NA	NA	NA	NA	
NA	ENSG00000249150	0	NA	NA	NA	NA	
NA	ENSG00000249152	0	NA	NA	NA	NA	LNCPRESS2
NA	ENSG00000249153	0	NA	NA	NA	NA	

NA	ENSG00000249156	0	NA	NA	NA	NA	TAF11L12
NA	ENSG00000249157	0	NA	NA	NA	NA	
56138	ENSG00000249158	137.535632	0.14553073	0.18595462	0.37188532	0.60097783	PCDHA11
NA	ENSG00000249159	4.53672499	-0.04039207	0.36896404	0.72035481	0.86653971	
389273	ENSG00000249160	0	NA	NA	NA	NA	LINC02213
NA	ENSG00000249162	0	NA	NA	NA	NA	ADAM20P3
NA	ENSG00000249163	0	NA	NA	NA	NA	
NA	ENSG00000249166	0	NA	NA	NA	NA	
105379132	ENSG00000249167	17.4943123	-0.0914329	0.3468018	0.58070459	0.77801412	SEMA6A-AS2
NA	ENSG00000249169	0	NA	NA	NA	NA	
NA	ENSG00000249170	0	NA	NA	NA	NA	
NA	ENSG00000249171	0	NA	NA	NA	NA	
100506229	ENSG00000249173	0	NA	NA	NA	NA	LINC01093
NA	ENSG00000249174	0	NA	NA	NA	NA	
NA	ENSG00000249175	0	NA	NA	NA	NA	
NA	ENSG00000249176	0	NA	NA	NA	NA	
NA	ENSG00000249177	0	NA	NA	NA	NA	MTND4P29
NA	ENSG00000249180	0	NA	NA	NA	NA	
NA	ENSG00000249183	0	NA	NA	NA	NA	SUMO2P4
105377488	ENSG00000249184	0	NA	NA	NA	NA	
NA	ENSG00000249186	0	NA	NA	NA	NA	
NA	ENSG00000249188	0	NA	NA	NA	NA	ENPP7P1
NA	ENSG00000249189	0	NA	NA	NA	NA	
NA	ENSG00000249191	0	NA	NA	NA	NA	UBE2V1P12
NA	ENSG00000249192	0	NA	NA	NA	NA	MTND3P25
NA	ENSG00000249193	0	NA	NA	NA	NA	HSPD1P5
283352	ENSG00000249196	0	NA	NA	NA	NA	TMEM132D-AS1
NA	ENSG00000249197	0	NA	NA	NA	NA	OR10J9P
NA	ENSG00000249198	0	NA	NA	NA	NA	
NA	ENSG00000249199	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000249200	0	NA	NA	NA	NA	
101928857	ENSG00000249201	0	NA	NA	NA	NA	
NA	ENSG00000249203	0	NA	NA	NA	NA	LINC02224
NA	ENSG00000249206	0	NA	NA	NA	NA	GCNT1P2
NA	ENSG00000249207	3.2259996	0.04037688	0.37010608	0.71678849	0.86371598	
NA	ENSG00000249209	3.65267858	0.0444384	0.36867775	0.70309439	0.85721088	
NA	ENSG00000249210	0	NA	NA	NA	NA	GAPDHP38
NA	ENSG00000249212	2.01099787	0.05725962	0.38246955	0.47802542	NA	ATP1B1P1

NA	ENSG00000249213	0	NA	NA	NA	NA	
NA	ENSG00000249215	0	NA	NA	NA	NA	NCOA4P4
NA	ENSG00000249216	0.34038852	0.0029678	0.38339082	0.96011681	NA	
NA	ENSG00000249219	0	NA	NA	NA	NA	
267020	ENSG00000249222	0	NA	NA	NA	NA	ATP5MGL
NA	ENSG00000249225	0	NA	NA	NA	NA	
NA	ENSG00000249226	0	NA	NA	NA	NA	SUCLG2P4
NA	ENSG00000249228	0	NA	NA	NA	NA	
NA	ENSG00000249229	0	NA	NA	NA	NA	NAMPTP2
NA	ENSG00000249230	16.8415499	8.12580985	2.69831136	6.23E-09	9.64E-08	CDH12P2
643714	ENSG00000249231	0	NA	NA	NA	NA	CASC16
NA	ENSG00000249234	0	NA	NA	NA	NA	
NA	ENSG00000249235	0	NA	NA	NA	NA	
NA	ENSG00000249236	0	NA	NA	NA	NA	
NA	ENSG00000249237	0.55354215	0.01210119	0.38327343	0.7469516	NA	
NA	ENSG00000249238	0	NA	NA	NA	NA	BCL9P1
NA	ENSG00000249239	0	NA	NA	NA	NA	
NA	ENSG00000249240	19.3677081	0.63875418	0.58625514	0.03105384	0.10304537	
101060498	ENSG00000249241	0	NA	NA	NA	NA	LINC02265
441027	ENSG00000249242	151.985656	0.68700272	0.24638157	0.0010807	0.00630808	TMEM150C
NA	ENSG00000249244	7.3434136	-0.08909301	0.36912562	0.51464335	0.72937777	
NA	ENSG00000249245	0.18922458	0.01954053	0.38488496	0.78225479	NA	NCOA4P3
NA	ENSG00000249247	0	NA	NA	NA	NA	MTCYBP17
NA	ENSG00000249249	13.5565767	0.10000435	0.36244077	0.51076049	0.72599857	
101929095	ENSG00000249252	0	NA	NA	NA	NA	C1QTNF7-AS1
NA	ENSG00000249253	0	NA	NA	NA	NA	
NA	ENSG00000249255	0	NA	NA	NA	NA	PGAM1P9
NA	ENSG00000249256	0	NA	NA	NA	NA	ATP5MGP3
NA	ENSG00000249257	0	NA	NA	NA	NA	
NA	ENSG00000249258	5.23277739	0.0568544	0.36713797	0.65018688	0.82529572	
NA	ENSG00000249259	0	NA	NA	NA	NA	
NA	ENSG00000249261	0	NA	NA	NA	NA	
NA	ENSG00000249262	0	NA	NA	NA	NA	
NA	ENSG00000249263	0	NA	NA	NA	NA	PARP4P3
NA	ENSG00000249264	2.67679609	-0.04230314	0.37362704	0.6739719	0.84006388	EEF1A1P9
NA	ENSG00000249266	0	NA	NA	NA	NA	MTHFD2P6
400084	ENSG00000249267	0	NA	NA	NA	NA	LINC00939
NA	ENSG00000249269	0	NA	NA	NA	NA	

NA	ENSG00000249270	0	NA	NA	NA	NA	KATNBL1P4
NA	ENSG00000249271	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HNRNPA1P44
NA	ENSG00000249272	0	NA	NA	NA	NA	UNC93B8
NA	ENSG00000249274	31.2669805	0.21680675	0.3227596	0.29577365	0.52251089	PDLIM1P4
NA	ENSG00000249275	0	NA	NA	NA	NA	
NA	ENSG00000249276	0	NA	NA	NA	NA	
NA	ENSG00000249277	0	NA	NA	NA	NA	SLIRPP2
NA	ENSG00000249278	0	NA	NA	NA	NA	
105378992	ENSG00000249279	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02057
NA	ENSG00000249282	0	NA	NA	NA	NA	
NA	ENSG00000249283	0	NA	NA	NA	NA	ACTR3BP4
NA	ENSG00000249284	0	NA	NA	NA	NA	
NA	ENSG00000249285	0	NA	NA	NA	NA	
NA	ENSG00000249286	4.1470703	-0.059593	0.37440084	0.58136889	0.77855949	AMD1P3
NA	ENSG00000249287	0	NA	NA	NA	NA	
NA	ENSG00000249288	0	NA	NA	NA	NA	SLC25A15P5
NA	ENSG00000249289	0	NA	NA	NA	NA	
NA	ENSG00000249290	0	NA	NA	NA	NA	
NA	ENSG00000249293	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101928924	ENSG00000249295	0	NA	NA	NA	NA	
105377536	ENSG00000249297	0	NA	NA	NA	NA	LINC02174
NA	ENSG00000249301	0	NA	NA	NA	NA	
NA	ENSG00000249302	0	NA	NA	NA	NA	FTH1P24
NA	ENSG00000249304	0.36310146	0.0238958	0.38539257	0.60989388	NA	
NA	ENSG00000249305	0	NA	NA	NA	NA	
NA	ENSG00000249306	0.61721451	-0.01994286	0.38311603	0.68411121	NA	LINC01411
NA	ENSG00000249307	13.6227638	0.00313859	0.33605726	0.98699554	0.99565021	LINC01088
NA	ENSG00000249309	0	NA	NA	NA	NA	
100874530	ENSG00000249310	0	NA	NA	NA	NA	APOBEC3B-AS1
NA	ENSG00000249311	0.173124	-0.01911262	0.38486262	0.84537521	NA	TERF1P3
NA	ENSG00000249312	0	NA	NA	NA	NA	ARL2BPP4
NA	ENSG00000249316	0	NA	NA	NA	NA	
105377480	ENSG00000249317	0	NA	NA	NA	NA	
NA	ENSG00000249318	0	NA	NA	NA	NA	
NA	ENSG00000249319	12.1210058	0.25363323	0.42813239	0.17123495	0.36358107	
NA	ENSG00000249320	0	NA	NA	NA	NA	
NA	ENSG00000249321	0	NA	NA	NA	NA	OR5H5P
101929081	ENSG00000249326	0	NA	NA	NA	NA	

101927040	ENSG00000249328	8.68909939	-0.11056714	0.37829432	0.40898482	0.6370813	
NA	ENSG00000249330	0	NA	NA	NA	NA	
NA	ENSG00000249332	0	NA	NA	NA	NA	LINC02149
NA	ENSG00000249333	0	NA	NA	NA	NA	
NA	ENSG00000249334	0	NA	NA	NA	NA	
NA	ENSG00000249335	2.6435221	-0.16858476	0.437609	0.01302334	0.05150152	
NA	ENSG00000249337	0	NA	NA	NA	NA	SNX18P25
NA	ENSG00000249338	2.19619116	0.052563	0.38018324	0.53979801	NA	HMGB1P47
100506444	ENSG00000249341	0	NA	NA	NA	NA	
NA	ENSG00000249343	0	NA	NA	NA	NA	LINC01333
101927592	ENSG00000249345	0	NA	NA	NA	NA	LINC02405
100507584	ENSG00000249346	0	NA	NA	NA	NA	LINC01016
NA	ENSG00000249347	0	NA	NA	NA	NA	
100885776	ENSG00000249348	56.4910198	0.02726573	0.24162163	0.88620404	0.95015905	UGDH-AS1
NA	ENSG00000249349	0	NA	NA	NA	NA	
NA	ENSG00000249351	0	NA	NA	NA	NA	
NA	ENSG00000249352	0	NA	NA	NA	NA	LINC02198
NA	ENSG00000249353	3.8485641	-0.06719731	0.37357395	0.55751978	0.76263048	NPM1P27
NA	ENSG00000249359	2.32510931	-0.1173489	0.40292738	0.15145694	NA	
NA	ENSG00000249360	0	NA	NA	NA	NA	TOMM40P3
NA	ENSG00000249362	0	NA	NA	NA	NA	LINC02488
NA	ENSG00000249363	1.60756218	-0.05775416	0.38523279	0.39843498	NA	
101928858	ENSG00000249364	0.36182967	-0.0235619	0.3853657	0.6614861	NA	
NA	ENSG00000249367	0	NA	NA	NA	NA	FABP5P12
NA	ENSG00000249368	0	NA	NA	NA	NA	
NA	ENSG00000249372	0	NA	NA	NA	NA	ATP6V1G1P6
NA	ENSG00000249373	0	NA	NA	NA	NA	
100270680	ENSG00000249375	0.4995947	-0.01434195	0.38310739	0.77531267	NA	CASC11
401164	ENSG00000249378	1.74598803	0.08161699	0.38938229	0.30449698	NA	LINC01060
NA	ENSG00000249379	2.49237928	0.13996059	0.41314368	0.09463398	NA	
NA	ENSG00000249380	0	NA	NA	NA	NA	
NA	ENSG00000249381	0	NA	NA	NA	NA	LINC00500
105377245	ENSG00000249382	0	NA	NA	NA	NA	LINC02619
101927274	ENSG00000249383	0	NA	NA	NA	NA	LINC02071
NA	ENSG00000249386	0	NA	NA	NA	NA	MTCO2P9
NA	ENSG00000249387	0	NA	NA	NA	NA	KRTAP5-14P
NA	ENSG00000249388	1.48557358	0.0077816	0.37876907	0.90798394	NA	
NA	ENSG00000249392	0	NA	NA	NA	NA	

101805492	ENSG00000249395	85.7293712	-0.90427233	0.26936144	0.00010277	0.00077939	CASC9
101929412	ENSG00000249396	0	NA	NA	NA	NA	LINC02212
	NA	ENSG00000249400	0	NA	NA	NA	HMGB3P17
	NA	ENSG00000249403	0	NA	NA	NA	
	NA	ENSG00000249404	0	NA	NA	NA	
	NA	ENSG00000249405	0	NA	NA	NA	
	NA	ENSG00000249406	0.99658843	0.00444697	0.37926504	0.94541322	NA
	NA	ENSG00000249407	0	NA	NA	NA	IL20RB-AS1
	NA	ENSG00000249409	0	NA	NA	NA	
	NA	ENSG00000249410	0.173124	-0.01911262	0.38486262	0.84537521	NA
	NA	ENSG00000249411	0	NA	NA	NA	AK4P2
	NA	ENSG00000249412	1.31921721	0.00266375	0.37900767	0.96869818	NA
	NA	ENSG00000249413	26.1859743	0.14974575	0.31605885	0.4494053	0.672975
	NA	ENSG00000249416	0	NA	NA	NA	NA
	NA	ENSG00000249417	0.34126536	0.02362771	0.38535358	0.62402345	NA
	NA	ENSG00000249418	0	NA	NA	NA	NA
101928052	ENSG00000249419	0	NA	NA	NA	NA	
103689846	ENSG00000249421	15.5617872	2.59137046	0.74748827	2.39E-05	0.000211	ADAMTS19-AS1
	NA	ENSG00000249425	0	NA	NA	NA	LINC02477
	NA	ENSG00000249426	0	NA	NA	NA	
	NA	ENSG00000249429	0	NA	NA	NA	
	NA	ENSG00000249433	0	NA	NA	NA	
	NA	ENSG00000249435	0	NA	NA	NA	
100996645	ENSG00000249436	0	NA	NA	NA	NA	
4671	ENSG00000249437	874.500489	0.28320541	0.09120739	0.00135896	0.00769895	NAIP
	NA	ENSG00000249438	0	NA	NA	NA	KRT18P45
	NA	ENSG00000249439	0	NA	NA	NA	HMGN1P14
	NA	ENSG00000249441	0	NA	NA	NA	
	NA	ENSG00000249443	0	NA	NA	NA	
	NA	ENSG00000249444	0	NA	NA	NA	
	NA	ENSG00000249446	0	NA	NA	NA	TRAJ60
	NA	ENSG00000249448	0	NA	NA	NA	MTCO1P24
	NA	ENSG00000249449	0	NA	NA	NA	MRPL57P6
	NA	ENSG00000249451	0	NA	NA	NA	
	NA	ENSG00000249452	0	NA	NA	NA	
	NA	ENSG00000249453	0	NA	NA	NA	
	NA	ENSG00000249454	0	NA	NA	NA	GZMAP1
	NA	ENSG00000249456	58.7654749	0.00204498	0.23749034	0.99273036	0.99756121

NA	ENSG00000249458	0	NA	NA	NA	NA	
729288	ENSG00000249459	185.620315	-0.37577411	0.23335382	0.04971595	0.14834779	ZNF286B
NA	ENSG00000249460	0	NA	NA	NA	NA	LINC02500
NA	ENSG00000249462	0	NA	NA	NA	NA	MLLT10P2
NA	ENSG00000249463	0	NA	NA	NA	NA	
285419	ENSG00000249464	0.7230177	-0.01067975	0.3826687	0.75562046	NA	LINC01091
NA	ENSG00000249465	0.18922458	0.01954053	0.38488496	0.78225479	NA	RBMXP4
NA	ENSG00000249467	0	NA	NA	NA	NA	H2AL1QP
388569	ENSG00000249471	216.030446	-0.1681942	0.15239462	0.22739567	0.44217683	ZNF324B
NA	ENSG00000249472	0	NA	NA	NA	NA	
NA	ENSG00000249474	0.68264648	0.04062327	0.38717624	0.35734191	NA	
285638	ENSG00000249476	10.213815	-0.15506757	0.37381819	0.35570356	0.58599659	
NA	ENSG00000249478	1.00432939	-0.06927805	0.39219378	0.19145377	NA	
NA	ENSG00000249479	0	NA	NA	NA	NA	
221409	ENSG00000249481	2.17839375	0.00016247	0.37255856	0.99999936	NA	SPATS1
NA	ENSG00000249482	0	NA	NA	NA	NA	USP17L14P
NA	ENSG00000249483	0.32249212	-0.02325423	0.38531869	0.66960634	NA	
101927134	ENSG00000249484	0	NA	NA	NA	NA	LINC01470
NA	ENSG00000249485	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RBBP4P1
NA	ENSG00000249486	0	NA	NA	NA	NA	
101929743	ENSG00000249487	0.61096439	0.02050672	0.38393351	0.64108133	NA	LINC01586
NA	ENSG00000249488	0	NA	NA	NA	NA	NACAP5
NA	ENSG00000249489	0.37844916	0.02407552	0.3854191	0.60038877	NA	GAPDHP70
NA	ENSG00000249490	0	NA	NA	NA	NA	LINC02146
NA	ENSG00000249491	0	NA	NA	NA	NA	EGFLAM-AS1
NA	ENSG00000249492	49.9296735	0.13802017	0.2624066	0.48216361	0.70272402	
NA	ENSG00000249493	1.24289026	0.01795497	0.38000303	0.77951015	NA	ANKRD20A18P
NA	ENSG00000249494	8.71052884	0.51760035	0.9369692	0.01620952	0.06143205	
NA	ENSG00000249495	0	NA	NA	NA	NA	
101927207	ENSG00000249497	0	NA	NA	NA	NA	LINC02075
101928151	ENSG00000249500	0	NA	NA	NA	NA	LINC01179
NA	ENSG00000249501	0	NA	NA	NA	NA	USP9YP2
NA	ENSG00000249502	1.58005329	-0.05940231	0.38581258	0.38150177	NA	
NA	ENSG00000249503	0	NA	NA	NA	NA	HMGN1P16
NA	ENSG00000249504	34.8613067	-0.25130849	0.33657945	0.23459788	0.45153942	PCDHA14
NA	ENSG00000249505	0	NA	NA	NA	NA	
NA	ENSG00000249506	0.35668472	0.02381709	0.38538106	0.6140152	NA	ZEB2P1
NA	ENSG00000249509	42.7417739	-0.4690993	0.34195362	0.04901073	0.14679543	NEUROG2-AS1

NA	ENSG00000249510	0	NA	NA	NA	NA	
NA	ENSG00000249513	0	NA	NA	NA	NA	
NA	ENSG00000249514	0	NA	NA	NA	NA	TMEM251P1
NA	ENSG00000249515	0	NA	NA	NA	NA	LINC02113
NA	ENSG00000249516	0	NA	NA	NA	NA	PRELID3BP6
NA	ENSG00000249518	0	NA	NA	NA	NA	
NA	ENSG00000249519	0	NA	NA	NA	NA	LINC01438
NA	ENSG00000249520	0	NA	NA	NA	NA	
101929153	ENSG00000249521	0	NA	NA	NA	NA	LINC02114
NA	ENSG00000249522	0	NA	NA	NA	NA	
NA	ENSG00000249525	0	NA	NA	NA	NA	
NA	ENSG00000249526	2.19726189	0.08007626	0.38951803	0.29961276	NA	
NA	ENSG00000249531	0	NA	NA	NA	NA	
109864269	ENSG00000249532	2.83135499	0.09118431	0.38866347	0.32922489	0.55775099	MIR302CHG
101928776	ENSG00000249534	0	NA	NA	NA	NA	LINC01258
NA	ENSG00000249539	0	NA	NA	NA	NA	MRPS36P2
NA	ENSG00000249540	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000249541	0	NA	NA	NA	NA	
NA	ENSG00000249542	0	NA	NA	NA	NA	EEF1A1P21
NA	ENSG00000249545	0	NA	NA	NA	NA	MCTP1-AS1
NA	ENSG00000249547	0	NA	NA	NA	NA	
100506465	ENSG00000249550	168.549425	-1.88942577	0.27215703	2.17E-13	5.17E-12	LINC01234
NA	ENSG00000249551	0	NA	NA	NA	NA	LINC02216
100874361	ENSG00000249553	0	NA	NA	NA	NA	PPP2R2B-IT1
NA	ENSG00000249555	0	NA	NA	NA	NA	TMEM248P1
NA	ENSG00000249557	0	NA	NA	NA	NA	HSPD1P15
NA	ENSG00000249558	0	NA	NA	NA	NA	RCC2P4
NA	ENSG00000249562	0	NA	NA	NA	NA	
NA	ENSG00000249563	0	NA	NA	NA	NA	
NA	ENSG00000249564	0	NA	NA	NA	NA	
NA	ENSG00000249565	1.1528354	-0.0037526	0.37949753	0.95260585	NA	SERBP1P5
NA	ENSG00000249568	2.49191468	-0.06301129	0.38350131	0.44023786	NA	
NA	ENSG00000249572	13.8709595	0.05556927	0.33179241	0.75005717	0.8824202	
442497	ENSG00000249574	0	NA	NA	NA	NA	
NA	ENSG00000249577	0	NA	NA	NA	NA	
NA	ENSG00000249579	0	NA	NA	NA	NA	
NA	ENSG00000249580	0	NA	NA	NA	NA	MTATP6P22
645104	ENSG00000249581	0	NA	NA	NA	NA	CLRN2

	NA	ENSG00000249582	0	NA	NA	NA	NA	RPL7L1P4
101928539	NA	ENSG00000249584	0	NA	NA	NA	NA	LINC02225
	NA	ENSG00000249588	0	NA	NA	NA	NA	
	NA	ENSG00000249590	2.6692885	-0.05643535	0.3788844	0.54060243	0.74925268	
100129917	NA	ENSG00000249592	113.849501	0.42438759	0.22629842	0.02513452	0.08753183	
	NA	ENSG00000249593	0.81255168	-0.04620407	0.38798681	0.31532531	NA	
	NA	ENSG00000249599	22.3740227	-0.18497232	0.33952617	0.35023679	0.58060645	BMPR1B-DT
	NA	ENSG00000249600	0	NA	NA	NA	NA	
	NA	ENSG00000249601	0	NA	NA	NA	NA	LINC01187
	NA	ENSG00000249602	0.63901753	-0.02099246	0.38316493	0.66814441	NA	
	NA	ENSG00000249604	5.87110435	-0.07531344	0.36893132	0.56124586	0.76472206	
	NA	ENSG00000249605	0	NA	NA	NA	NA	
	NA	ENSG00000249606	0	NA	NA	NA	NA	TRAPPC2P7
	NA	ENSG00000249607	0	NA	NA	NA	NA	
	NA	ENSG00000249609	0.61640815	-0.01932283	0.3830562	0.69117496	NA	
	NA	ENSG00000249610	0	NA	NA	NA	NA	ZNF474-AS1
105377355	NA	ENSG00000249613	0	NA	NA	NA	NA	LINC02173
	NA	ENSG00000249614	0.70164984	-0.0173601	0.38330318	0.67329148	NA	LINC02503
	NA	ENSG00000249616	0	NA	NA	NA	NA	CCNB3P1
	NA	ENSG00000249617	0	NA	NA	NA	NA	
107986313	NA	ENSG00000249618	0	NA	NA	NA	NA	LINC02465
	NA	ENSG00000249619	0	NA	NA	NA	NA	HMGN1P13
	NA	ENSG00000249620	0	NA	NA	NA	NA	H3P18
	NA	ENSG00000249621	0	NA	NA	NA	NA	
	NA	ENSG00000249623	0	NA	NA	NA	NA	PALLD-AS1
	NA	ENSG00000249624	11.7141944	-0.00976102	0.37964322	0.87224275	0.94414841	
	NA	ENSG00000249626	49.9414452	0.4776444	0.32823026	0.0425676	0.13174296	
	NA	ENSG00000249627	0	NA	NA	NA	NA	
100292680	NA	ENSG00000249628	6.19596897	-0.06040546	0.36726778	0.63052795	0.81314944	LINC00942
	NA	ENSG00000249631	0	NA	NA	NA	NA	
	NA	ENSG00000249633	0	NA	NA	NA	NA	OR52V1P
	NA	ENSG00000249634	0	NA	NA	NA	NA	USP9YP5
101929577	NA	ENSG00000249635	3.22704086	0.12518193	0.40060669	0.21796358	0.42977514	
	NA	ENSG00000249637	12.6401979	0.15945017	0.36514019	0.3697996	0.59912004	
	NA	ENSG00000249638	0	NA	NA	NA	NA	
	NA	ENSG00000249639	0	NA	NA	NA	NA	
100874366	NA	ENSG00000249641	0	NA	NA	NA	NA	HOXC13-AS
	NA	ENSG00000249642	0	NA	NA	NA	NA	

	NA	ENSG00000249646	0	NA	NA	NA	NA	OR7E94P
340073		ENSG00000249647	0	NA	NA	NA	NA	C5orf66-AS2
	NA	ENSG00000249649	0	NA	NA	NA	NA	MRPS33P2
	NA	ENSG00000249650	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
	NA	ENSG00000249654	0	NA	NA	NA	NA	VN1R104P
	NA	ENSG00000249655	3.30192502	-0.03666083	0.36991642	0.73619127	0.87477001	
	NA	ENSG00000249658	0	NA	NA	NA	NA	
	NA	ENSG00000249661	9.12827826	0.14215252	0.37604241	0.37248112	0.60143185	TNRC18P1
102723526		ENSG00000249662	0	NA	NA	NA	NA	LINC02218
	NA	ENSG00000249664	1.36871279	0.04537574	0.3809278	0.55383144	NA	
106144599		ENSG00000249667	0	NA	NA	NA	NA	LINC01259
	NA	ENSG00000249668	0	NA	NA	NA	NA	KRT18P56
	NA	ENSG00000249669	11.3661612	0.05323138	0.340624	0.74766557	0.88148829	CARMN
	NA	ENSG00000249673	475.27921	-0.09290181	0.10908412	0.37356867	0.6025693	NOP14-AS1
	NA	ENSG00000249675	0	NA	NA	NA	NA	
	NA	ENSG00000249678	0	NA	NA	NA	NA	
	NA	ENSG00000249679	22.1772102	0.29166097	0.44614927	0.1345484	0.30894131	
	NA	ENSG00000249680	0	NA	NA	NA	NA	TUBA3GP
	NA	ENSG00000249681	0	NA	NA	NA	NA	KRT19P3
	NA	ENSG00000249684	6.00379222	-0.02123192	0.37632499	0.77499401	0.89613481	
	NA	ENSG00000249685	6.79834167	0.20187437	0.41812068	0.19462018	0.39769949	
	NA	ENSG00000249686	0	NA	NA	NA	NA	
	NA	ENSG00000249688	0	NA	NA	NA	NA	
	NA	ENSG00000249689	0	NA	NA	NA	NA	
	NA	ENSG00000249690	0.66107166	0.00179971	0.38189979	0.96846299	NA	
	NA	ENSG00000249691	0	NA	NA	NA	NA	
	NA	ENSG00000249692	0	NA	NA	NA	NA	
100506564		ENSG00000249693	5.39991799	0.18504087	0.41647229	0.19129445	0.39296769	THEGL
	574538	ENSG00000249695	6.97791761	-4.22440138	1.55795907	0.0003206	0.0021709	
	NA	ENSG00000249697	0	NA	NA	NA	NA	
	NA	ENSG00000249698	0	NA	NA	NA	NA	MTCO3P9
101929199		ENSG00000249699	0	NA	NA	NA	NA	LINC02261
100506462		ENSG00000249700	4.02072898	0.13524716	0.40557821	0.16735936	0.35828164	SRD5A3-AS1
	NA	ENSG00000249706	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000249708	0	NA	NA	NA	NA	
163050		ENSG00000249709	93.5741227	-0.25041107	0.22320229	0.17377513	0.36689354	ZNF564
101929353		ENSG00000249710	0	NA	NA	NA	NA	
101929109		ENSG00000249713	0.34110708	0.0236265	0.38535339	0.62410733	NA	

90342	ENSG00000249715	2.38776594	0.04934887	0.37787216	0.58740049	NA	FER1L5
100507388	ENSG00000249717	0	NA	NA	NA	NA	PARM1-AS1
NA	ENSG00000249721	0	NA	NA	NA	NA	
NA	ENSG00000249722	1.77242996	-0.07079941	0.38756109	0.33132732	NA	
NA	ENSG00000249725	0	NA	NA	NA	NA	
NA	ENSG00000249726	0	NA	NA	NA	NA	TUBB1P1
NA	ENSG00000249727	0	NA	NA	NA	NA	
NA	ENSG00000249729	0	NA	NA	NA	NA	
NA	ENSG00000249730	0	NA	NA	NA	NA	OR10J4
NA	ENSG00000249731	3.87077524	0.05515803	0.37181855	0.62655988	0.81036167	
NA	ENSG00000249735	0	NA	NA	NA	NA	
105379006	ENSG00000249736	0	NA	NA	NA	NA	LINC02242
NA	ENSG00000249737	0	NA	NA	NA	NA	
285626	ENSG00000249738	4.16133667	0.04313411	0.37132514	0.68353468	0.84579696	
101926904	ENSG00000249740	0	NA	NA	NA	NA	OSMR-AS1
NA	ENSG00000249741	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000249742	0	NA	NA	NA	NA	
NA	ENSG00000249743	0	NA	NA	NA	NA	
NA	ENSG00000249744	0	NA	NA	NA	NA	
NA	ENSG00000249745	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HMGB1P28
NA	ENSG00000249746	0	NA	NA	NA	NA	
NA	ENSG00000249747	0	NA	NA	NA	NA	LINC02374
100506406	ENSG00000249748	0	NA	NA	NA	NA	
641700	ENSG00000249751	0	NA	NA	NA	NA	ECSCR
NA	ENSG00000249752	0	NA	NA	NA	NA	
NA	ENSG00000249753	0.48521756	-0.00632249	0.38314586	0.86943869	NA	
NA	ENSG00000249754	0	NA	NA	NA	NA	NDUFB4P9
NA	ENSG00000249755	1.03547804	0.05510059	0.38665514	0.32245847	NA	
NA	ENSG00000249761	0	NA	NA	NA	NA	
NA	ENSG00000249763	0	NA	NA	NA	NA	
NA	ENSG00000249764	0	NA	NA	NA	NA	
NA	ENSG00000249766	0	NA	NA	NA	NA	
NA	ENSG00000249767	0	NA	NA	NA	NA	ENPP7P10
NA	ENSG00000249768	0	NA	NA	NA	NA	HSPE1P10
NA	ENSG00000249770	0	NA	NA	NA	NA	MTND6P17
NA	ENSG00000249771	5.3547902	-0.04008489	0.36464749	0.74290236	0.87875221	
NA	ENSG00000249772	1.19163159	0.05800969	0.38798418	0.28620948	NA	
NA	ENSG00000249773	76.1573984	-0.0579288	0.22797543	0.75150459	0.88344203	

NA	ENSG00000249774	0	NA	NA	NA	NA	
NA	ENSG00000249776	1.09392565	-0.07536399	0.39386651	0.15695122	NA	
NA	ENSG00000249777	0.31696818	0.00135544	0.38336847	0.96486615	NA	SAP18P1
NA	ENSG00000249778	0	NA	NA	NA	NA	TRMT112P2
NA	ENSG00000249779	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000249780	0	NA	NA	NA	NA	
285692	ENSG00000249781	0	NA	NA	NA	NA	LINC02112
105374647	ENSG00000249782	0	NA	NA	NA	NA	
677770	ENSG00000249784	0	NA	NA	NA	NA	SCARNA22
NA	ENSG00000249785	0	NA	NA	NA	NA	LINC02103
NA	ENSG00000249786	2.34895132	0.06177133	0.38038578	0.49942774	NA	EAF1-AS1
NA	ENSG00000249787	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000249790	0.8729833	-0.02530802	0.38277775	0.57775925	NA	
NA	ENSG00000249791	0.72653655	0.05241024	0.38880124	0.28555583	NA	
NA	ENSG00000249792	0	NA	NA	NA	NA	
NA	ENSG00000249795	0	NA	NA	NA	NA	
NA	ENSG00000249797	0	NA	NA	NA	NA	LINC02147
NA	ENSG00000249798	0	NA	NA	NA	NA	HSD3BP3
NA	ENSG00000249799	0	NA	NA	NA	NA	SNRPCP13
NA	ENSG00000249803	0	NA	NA	NA	NA	
NA	ENSG00000249806	0	NA	NA	NA	NA	
NA	ENSG00000249807	0	NA	NA	NA	NA	
102467074	ENSG00000249808	0	NA	NA	NA	NA	
100287478	ENSG00000249811	0	NA	NA	NA	NA	USP17L21
NA	ENSG00000249815	0.48345803	0.0294879	0.38589305	0.50327208	NA	
157381	ENSG00000249816	0	NA	NA	NA	NA	LINC00964
102724700	ENSG00000249818	0	NA	NA	NA	NA	
NA	ENSG00000249819	0	NA	NA	NA	NA	
NA	ENSG00000249820	0	NA	NA	NA	NA	
101929215	ENSG00000249825	2.71451894	0.00045935	0.37328962	0.99771807	0.99926338	THBS4-AS1
NA	ENSG00000249828	0	NA	NA	NA	NA	
NA	ENSG00000249829	0	NA	NA	NA	NA	
105374624	ENSG00000249830	0	NA	NA	NA	NA	LINC02162
NA	ENSG00000249831	0	NA	NA	NA	NA	
100506907	ENSG00000249833	0	NA	NA	NA	NA	CCDC37-DT
NA	ENSG00000249834	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PGBD4P3
105379054	ENSG00000249835	0	NA	NA	NA	NA	VCAN-AS1
NA	ENSG00000249837	0	NA	NA	NA	NA	

	NA	ENSG00000249838	0	NA	NA	NA	NA	SUMO2P7
	NA	ENSG00000249839	119.792054	-0.36327414	0.22496229	0.05226217	0.15402903	
	NA	ENSG00000249840	0	NA	NA	NA	NA	GAPDHP76
	NA	ENSG00000249842	0	NA	NA	NA	NA	
	NA	ENSG00000249843	0	NA	NA	NA	NA	
	NA	ENSG00000249844	0	NA	NA	NA	NA	OR7E43P
105374104	NA	ENSG00000249846	7.17808187	0.09342988	0.36466945	0.52595838	0.73808697	LINC02021
	NA	ENSG00000249847	0	NA	NA	NA	NA	
	NA	ENSG00000249848	0	NA	NA	NA	NA	
	NA	ENSG00000249849	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000249850	0.50741669	0.01462997	0.38307837	0.74789476	NA	KRT18P31
	NA	ENSG00000249851	0.29863895	-0.02292439	0.3852726	0.68753245	NA	RPS27AP18
	NA	ENSG00000249852	0	NA	NA	NA	NA	
222537	NA	ENSG00000249853	18.0709171	-0.02173045	0.31619501	0.90237622	0.95713489	HS3ST5
	NA	ENSG00000249854	0	NA	NA	NA	NA	CDH18-AS1
	NA	ENSG00000249855	31.3239007	-0.01146595	0.27967952	0.95073838	0.97972521	EEF1A1P19
	NA	ENSG00000249856	0	NA	NA	NA	NA	
	NA	ENSG00000249857	0	NA	NA	NA	NA	
	NA	ENSG00000249858	0	NA	NA	NA	NA	SNX5P1
	NA	ENSG00000249859	142.622134	-0.31270452	0.20138451	0.07003862	0.19166431	PVT1
100463289	NA	ENSG00000249860	0.16735865	0.01897177	0.38482933	0.78225479	NA	MTRNR2L5
148003	NA	ENSG00000249861	0	NA	NA	NA	NA	LGALS16
	NA	ENSG00000249863	4.18910642	0.0202319	0.37005709	0.84816834	0.93095493	
	NA	ENSG00000249865	0	NA	NA	NA	NA	
	NA	ENSG00000249866	0	NA	NA	NA	NA	OR7E83P
	NA	ENSG00000249867	0	NA	NA	NA	NA	LINC02742
	NA	ENSG00000249868	0	NA	NA	NA	NA	
	NA	ENSG00000249869	0	NA	NA	NA	NA	
	NA	ENSG00000249870	0	NA	NA	NA	NA	
	NA	ENSG00000249873	0	NA	NA	NA	NA	LINC02372
	NA	ENSG00000249875	0	NA	NA	NA	NA	
	NA	ENSG00000249876	0.34047251	-0.00020551	0.38336232	0.96720061	NA	
	NA	ENSG00000249877	0	NA	NA	NA	NA	
	NA	ENSG00000249878	0	NA	NA	NA	NA	
	NA	ENSG00000249881	0	NA	NA	NA	NA	
	NA	ENSG00000249882	0	NA	NA	NA	NA	LINC02501
	NA	ENSG00000249883	0	NA	NA	NA	NA	
100526767	NA	ENSG00000249884	3.47956449	0.16109019	0.422943	0.09855618	0.24663907	RNF103-CHMP3

100874374	ENSG00000249885	0	NA	NA	NA	NA	ARHGEF38-IT1	
	NA	ENSG00000249887	0	NA	NA	NA		
	NA	ENSG00000249888	0	NA	NA	NA		
	NA	ENSG00000249889	0.82475436	0.01257346	0.38241678	0.7862013	ALG1L11P	
	NA	ENSG00000249890	0	NA	NA	NA		
	NA	ENSG00000249891	0	NA	NA	NA	KRT19P6	
	NA	ENSG00000249892	0	NA	NA	NA		
	NA	ENSG00000249893	0	NA	NA	NA	MTND6P16	
	NA	ENSG00000249894	1.66815011	-0.01270857	0.3768705	0.8694137	NA	
	NA	ENSG00000249896	133.611905	-1.00610836	0.23687918	2.57E-06	2.72E-05	LINC02495
	NA	ENSG00000249898	45.6866622	0.36783046	0.32969892	0.10291344	0.25477628	MCPH1-AS1
	NA	ENSG00000249899	5.71678517	-0.09573639	0.37254812	0.47735237	0.6991489	
	NA	ENSG00000249901	0	NA	NA	NA	NA	
	NA	ENSG00000249904	0	NA	NA	NA	NA	
100288866	ENSG00000249906	0.86001996	0.01644737	0.38117166	0.77087608	NA		
	NA	ENSG00000249908	0	NA	NA	NA	BRD9P2	
	NA	ENSG00000249909	0	NA	NA	NA	CYCTP	
	NA	ENSG00000249910	0	NA	NA	NA	TRIM51CP	
	NA	ENSG00000249912	0	NA	NA	NA	TRBV26	
10016	ENSG00000249915	1726.38577	0.17867387	0.06942177	0.00882709	0.03742084	PDCD6	
	NA	ENSG00000249916	0	NA	NA	NA		
100859921	ENSG00000249917	2.01818452	0.03205565	0.37891713	0.67747971	NA	LINC00536	
	NA	ENSG00000249919	0	NA	NA	NA	FABP5P6	
	NA	ENSG00000249920	0	NA	NA	NA	HNRNPA1P55	
	NA	ENSG00000249921	0	NA	NA	NA		
284865	ENSG00000249923	0.3410973	0.02362643	0.38535338	0.62411251	NA	LINC02891	
	NA	ENSG00000249924	0	NA	NA	NA		
	NA	ENSG00000249926	0	NA	NA	NA		
	NA	ENSG00000249927	0	NA	NA	NA		
	NA	ENSG00000249928	0	NA	NA	NA	UQCRBP3	
	NA	ENSG00000249930	0	NA	NA	NA		
653125	ENSG00000249931	23.556231	0.06572021	0.30414107	0.72985681	0.87081915	GOLGA8K	
	NA	ENSG00000249934	0.31670123	0.00110012	0.38336644	0.96731252	NA	NCOA4P2
	NA	ENSG00000249936	1.73124003	-0.06407614	0.39190352	0.1291005	NA	RAC1P2
	NA	ENSG00000249937	0	NA	NA	NA	NA	LINC02223
	NA	ENSG00000249941	0	NA	NA	NA	NA	
	NA	ENSG00000249942	0	NA	NA	NA	NA	
	NA	ENSG00000249943	0	NA	NA	NA	NA	

NA	ENSG00000249944	0	NA	NA	NA	NA	
NA	ENSG00000249945	0	NA	NA	NA	NA	
NA	ENSG00000249947	3.50231903	0.0106093	0.36674418	0.9262602	0.96932621	XBP1P1
57733	ENSG00000249948	0	NA	NA	NA	NA	GBA3
NA	ENSG00000249950	0	NA	NA	NA	NA	
NA	ENSG00000249951	0	NA	NA	NA	NA	
NA	ENSG00000249955	1.51105052	-0.00086134	0.37730155	0.9898613	NA	
NA	ENSG00000249956	0	NA	NA	NA	NA	UGT2B24P
NA	ENSG00000249958	0	NA	NA	NA	NA	CCT7P2
NA	ENSG00000249959	0	NA	NA	NA	NA	
NA	ENSG00000249960	0	NA	NA	NA	NA	
283847	ENSG00000249961	0.33691811	0.00550581	0.3834622	0.92727297	NA	TERB1
NA	ENSG00000249963	0	NA	NA	NA	NA	EEF1A1P20
NA	ENSG00000249965	0.51422201	0.01617113	0.38318627	0.72836781	NA	CDC42P4
NA	ENSG00000249966	0	NA	NA	NA	NA	
NA	ENSG00000249967	2.64914409	0.08998728	0.39956664	0.04253877	0.13168499	
NA	ENSG00000249970	0	NA	NA	NA	NA	
NA	ENSG00000249971	0	NA	NA	NA	NA	
NA	ENSG00000249973	0	NA	NA	NA	NA	CHCHD2P7
NA	ENSG00000249975	0	NA	NA	NA	NA	OR5H3P
NA	ENSG00000249976	0	NA	NA	NA	NA	
NA	ENSG00000249977	0	NA	NA	NA	NA	
NA	ENSG00000249978	0	NA	NA	NA	NA	TRGV7
107987420	ENSG00000249981	0	NA	NA	NA	NA	
107987434	ENSG00000249981	0	NA	NA	NA	NA	
NA	ENSG00000249982	0	NA	NA	NA	NA	
NA	ENSG00000249984	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000249985	0	NA	NA	NA	NA	
NA	ENSG00000249986	0.16735865	0.01897177	0.38482933	0.78225479	NA	YWHAQP6
NA	ENSG00000249987	0	NA	NA	NA	NA	RPS4XP20
NA	ENSG00000249988	0	NA	NA	NA	NA	
NA	ENSG00000249990	0	NA	NA	NA	NA	MTCO2P24
25907	ENSG00000249992	20.0196227	-1.45426249	0.60556306	0.00095252	0.00567859	TMEM158
85003	ENSG00000249993	0	NA	NA	NA	NA	BFSP2-AS1
NA	ENSG00000249994	0	NA	NA	NA	NA	
NA	ENSG00000249995	0	NA	NA	NA	NA	ECM1P2
NA	ENSG00000249996	0.69522582	0.04053192	0.38717839	0.35460406	NA	PPIC-AS1
NA	ENSG00000249997	0	NA	NA	NA	NA	MTCO3P7

NA	ENSG00000249998	0	NA	NA	NA	NA	
NA	ENSG00000250001	0	NA	NA	NA	NA	
NA	ENSG00000250006	0	NA	NA	NA	NA	
NA	ENSG00000250007	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000250011	0	NA	NA	NA	NA	HMGB1P3
NA	ENSG00000250012	7.17427445	-0.02586762	0.35908493	0.84079964	0.92773074	
NA	ENSG00000250013	0	NA	NA	NA	NA	ZP3P1
NA	ENSG00000250015	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000250016	0	NA	NA	NA	NA	SNX18P23
NA	ENSG00000250017	0	NA	NA	NA	NA	
NA	ENSG00000250020	0	NA	NA	NA	NA	
100526783	ENSG00000250021	387.765408	0.21949168	0.12916248	0.07046242	0.19245241	ARPIN-AP3S2
NA	ENSG00000250024	0	NA	NA	NA	NA	
NA	ENSG00000250025	0	NA	NA	NA	NA	
NA	ENSG00000250026	0	NA	NA	NA	NA	TMPRSS11BNL
NA	ENSG00000250027	2.3109729	-0.02453629	0.37778102	0.75135744	NA	
NA	ENSG00000250030	0	NA	NA	NA	NA	
NA	ENSG00000250031	4.15077974	0.00170127	0.36514192	0.99025664	0.99673744	
NA	ENSG00000250032	0	NA	NA	NA	NA	
641364	ENSG00000250033	4.90673886	0.30993363	0.59223983	0.00335334	0.01662423	SLC7A11-AS1
NA	ENSG00000250034	0	NA	NA	NA	NA	
NA	ENSG00000250036	0	NA	NA	NA	NA	IGKV1D-37
NA	ENSG00000250037	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000250038	3.87852723	-0.02214122	0.36619342	0.84563249	0.92995669	
NA	ENSG00000250039	1.95702864	-0.01503765	0.3756595	0.85635581	NA	
NA	ENSG00000250040	0	NA	NA	NA	NA	RAF1P1
NA	ENSG00000250041	0	NA	NA	NA	NA	
105377602	ENSG00000250042	0	NA	NA	NA	NA	LINC02514
NA	ENSG00000250043	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000250045	0	NA	NA	NA	NA	CBX3P3
NA	ENSG00000250046	5.14377745	0.06805624	0.36853285	0.59325589	0.78711401	
NA	ENSG00000250048	0	NA	NA	NA	NA	LINC00603
NA	ENSG00000250049	0	NA	NA	NA	NA	
NA	ENSG00000250050	0.16735865	0.01897177	0.38482933	0.78225479	NA	MTND4P9
NA	ENSG00000250053	0	NA	NA	NA	NA	RARRES2P4
NA	ENSG00000250056	5.99310342	0.02007166	0.35968874	0.87734404	0.94576863	LINC01018
NA	ENSG00000250057	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000250060	0	NA	NA	NA	NA	

101929064	ENSG00000250062	0	NA	NA	NA	NA	MAPK10-AS1
NA	ENSG00000250064	0	NA	NA	NA	NA	
NA	ENSG00000250066	0	NA	NA	NA	NA	
374887	ENSG00000250067	360.93373	0.62210946	0.15972069	2.62E-05	0.00022914	YJEFN3
NA	ENSG00000250068	0	NA	NA	NA	NA	
NA	ENSG00000250069	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000250071	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000250072	0	NA	NA	NA	NA	SH3TC2-DT
101929340	ENSG00000250073	10.058428	0.04055569	0.34280072	0.80137491	0.90902045	
NA	ENSG00000250074	0	NA	NA	NA	NA	
101927237	ENSG00000250075	0.31891762	0.00254055	0.38338357	0.95348926	NA	
NA	ENSG00000250076	0	NA	NA	NA	NA	MAPRE1P2
NA	ENSG00000250078	0	NA	NA	NA	NA	
NA	ENSG00000250079	0	NA	NA	NA	NA	
NA	ENSG00000250080	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000250081	2.23006252	0.09602866	0.3939225	0.24304498	NA	
NA	ENSG00000250082	0	NA	NA	NA	NA	
NA	ENSG00000250084	0	NA	NA	NA	NA	
NA	ENSG00000250088	0	NA	NA	NA	NA	
NA	ENSG00000250090	1.10969345	-0.04828331	0.38617069	0.36184404	NA	
NA	ENSG00000250091	191.038143	1.49744115	0.19485423	1.32E-15	3.77E-14	DNAH10OS
105374516	ENSG00000250092	0	NA	NA	NA	NA	
100873948	ENSG00000250095	0	NA	NA	NA	NA	NREP-AS1
NA	ENSG00000250098	0	NA	NA	NA	NA	
NA	ENSG00000250099	0	NA	NA	NA	NA	
NA	ENSG00000250100	0	NA	NA	NA	NA	
NA	ENSG00000250101	0.32489873	0.00168553	0.38337148	0.96417233	NA	
NA	ENSG00000250102	0	NA	NA	NA	NA	LINC02377
110231149	ENSG00000250103	0	NA	NA	NA	NA	PANCR
NA	ENSG00000250105	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000250106	0	NA	NA	NA	NA	ANKRD33B-AS1
253962	ENSG00000250107	2.47791353	-0.13708318	0.41066018	0.13032113	NA	CACNA1G-AS1
101929141	ENSG00000250111	0.69493202	0.03154416	0.38626309	0.41391645	NA	
NA	ENSG00000250114	0	NA	NA	NA	NA	
NA	ENSG00000250115	0	NA	NA	NA	NA	AK3P2
100506142	ENSG00000250116	2.77318404	0.00468873	0.37189654	0.96292652	0.9853756	RHOQ-AS1
NA	ENSG00000250118	0	NA	NA	NA	NA	
56139	ENSG00000250120	135.154835	-0.44432794	0.22789079	0.01987323	0.0726123	PCDHA10

NA	ENSG00000250122	0	NA	NA	NA	NA	
NA	ENSG00000250124	0	NA	NA	NA	NA	
401134	ENSG00000250125	0	NA	NA	NA	NA	LINC02232
NA	ENSG00000250126	0	NA	NA	NA	NA	
101928600	ENSG00000250127	0	NA	NA	NA	NA	LINC02108
NA	ENSG00000250129	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000250130	0.32451092	0.00139785	0.38336859	0.96692253	NA	GAPDHP43
NA	ENSG00000250131	1.84975716	-0.00498187	0.3762404	0.94880383	NA	
NA	ENSG00000250132	87.1846774	-0.19128961	0.24560809	0.31818564	0.54575975	
100874364	ENSG00000250133	1.02149248	0.02109085	0.38182359	0.69975445	NA	HOXC-AS2
NA	ENSG00000250135	1.83483388	-0.09080779	0.3991671	0.0723944	NA	
NA	ENSG00000250137	0	NA	NA	NA	NA	
NA	ENSG00000250138	53.012037	0.16380309	0.26119028	0.40594146	0.63416367	
NA	ENSG00000250140	0	NA	NA	NA	NA	
NA	ENSG00000250141	0	NA	NA	NA	NA	LINC02276
NA	ENSG00000250144	0	NA	NA	NA	NA	
NA	ENSG00000250145	0	NA	NA	NA	NA	
NA	ENSG00000250147	0.49976788	0.01189493	0.38340874	0.77493601	NA	MORF4L2P1
NA	ENSG00000250148	0.62027509	-0.0162275	0.38340448	0.71368239	NA	KRT8P31
NA	ENSG00000250149	0	NA	NA	NA	NA	
NA	ENSG00000250150	0	NA	NA	NA	NA	
100526693	ENSG00000250151	114.955593	0.02852945	0.19607429	0.86705824	0.94161889	ARPC4-TTLL3
NA	ENSG00000250155	1.21043089	-0.06271027	0.39122716	0.17847261	NA	
102546226	ENSG00000250156	0	NA	NA	NA	NA	LINC02060
NA	ENSG00000250158	0	NA	NA	NA	NA	
NA	ENSG00000250159	43.0967782	-0.51495509	0.36027312	0.03728124	0.11908867	
NA	ENSG00000250161	0	NA	NA	NA	NA	TRMT112P5
NA	ENSG00000250162	0	NA	NA	NA	NA	CSNK1A1P3
NA	ENSG00000250164	0	NA	NA	NA	NA	
NA	ENSG00000250166	0.53469843	0.01235789	0.38333992	0.74805528	NA	
NA	ENSG00000250167	0	NA	NA	NA	NA	
NA	ENSG00000250169	0	NA	NA	NA	NA	MTND5P13
NA	ENSG00000250170	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RASA2-IT1
NA	ENSG00000250173	0	NA	NA	NA	NA	
100873940	ENSG00000250174	0.90075246	0.0377903	0.3845588	0.43709354	NA	MYLK-AS2
NA	ENSG00000250180	0	NA	NA	NA	NA	
NA	ENSG00000250182	5.16888708	0.07951608	0.37084873	0.53855862	0.74830191	EEF1A1P13
NA	ENSG00000250183	0	NA	NA	NA	NA	

NA	ENSG00000250185	0	NA	NA	NA	NA	RCC2P8
NA	ENSG00000250186	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000250189	0	NA	NA	NA	NA	
NA	ENSG00000250190	0	NA	NA	NA	NA	LINC02364
NA	ENSG00000250191	0	NA	NA	NA	NA	
NA	ENSG00000250192	0	NA	NA	NA	NA	
NA	ENSG00000250193	0	NA	NA	NA	NA	
NA	ENSG00000250194	0	NA	NA	NA	NA	
105377448	ENSG00000250195	0	NA	NA	NA	NA	
NA	ENSG00000250197	0.34025547	0.00291845	0.38338986	0.96058914	NA	HMGNI1P15
NA	ENSG00000250198	0	NA	NA	NA	NA	LINC02199
NA	ENSG00000250200	0	NA	NA	NA	NA	
NA	ENSG00000250202	0	NA	NA	NA	NA	
100101121	ENSG00000250204	0	NA	NA	NA	NA	TTY23B
NA	ENSG00000250205	0	NA	NA	NA	NA	YWAEP4
NA	ENSG00000250207	0	NA	NA	NA	NA	
440119	ENSG00000250208	0	NA	NA	NA	NA	FZD10-AS1
NA	ENSG00000250213	0	NA	NA	NA	NA	
NA	ENSG00000250214	0.53330581	0.03199687	0.38614092	0.46497895	NA	
NA	ENSG00000250215	0.49776449	-0.00969062	0.38280843	0.83465729	NA	CIR1P2
100874204	ENSG00000250218	0.173124	-0.01911262	0.38486262	0.84537521	NA	ALDH1L1-AS1
NA	ENSG00000250219	0	NA	NA	NA	NA	LTV1P1
NA	ENSG00000250220	3.26813429	-0.03502379	0.37532412	0.70104514	0.85586952	
NA	ENSG00000250221	0	NA	NA	NA	NA	KRT8P32
NA	ENSG00000250222	5.6196985	0.07799824	0.36656285	0.56736454	0.76893998	
100874275	ENSG00000250223	0	NA	NA	NA	NA	LINC01216
NA	ENSG00000250227	0	NA	NA	NA	NA	TRIM60P14
NA	ENSG00000250229	0	NA	NA	NA	NA	
101927495	ENSG00000250230	0	NA	NA	NA	NA	
NA	ENSG00000250231	0	NA	NA	NA	NA	USP17L16P
NA	ENSG00000250234	0	NA	NA	NA	NA	
NA	ENSG00000250237	0	NA	NA	NA	NA	
NA	ENSG00000250238	0	NA	NA	NA	NA	
NA	ENSG00000250240	8.21944579	-0.19856453	0.41772997	0.19074577	0.39211202	
NA	ENSG00000250241	21.7395407	0.25920099	0.36501777	0.21977906	0.43189545	
NA	ENSG00000250242	0	NA	NA	NA	NA	
NA	ENSG00000250243	0	NA	NA	NA	NA	
NA	ENSG00000250244	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

NA	ENSG00000250247	0	NA	NA	NA	NA	SEPHS2P1
NA	ENSG00000250249	0	NA	NA	NA	NA	
101929472	ENSG00000250250	0	NA	NA	NA	NA	
NA	ENSG00000250251	1014.09043	0.09388848	0.11375055	0.38792728	0.61690263	PKD1P6
107986319	ENSG00000250252	0	NA	NA	NA	NA	LINC02430
NA	ENSG00000250253	0	NA	NA	NA	NA	
10744	ENSG00000250254	0	NA	NA	NA	NA	PTTG2
NA	ENSG00000250256	0	NA	NA	NA	NA	
NA	ENSG00000250257	0	NA	NA	NA	NA	LDHAL6DP
NA	ENSG00000250258	0	NA	NA	NA	NA	
NA	ENSG00000250259	0	NA	NA	NA	NA	
NA	ENSG00000250260	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000250261	0	NA	NA	NA	NA	CCDC74BP1
105377556	ENSG00000250263	0	NA	NA	NA	NA	LINC02509
NA	ENSG00000250264	186.682272	-0.79795581	0.29262408	0.00094215	0.0056302	
101928223	ENSG00000250266	0	NA	NA	NA	NA	LINC01612
NA	ENSG00000250267	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000250268	0	NA	NA	NA	NA	ALG1L14P
NA	ENSG00000250271	0	NA	NA	NA	NA	
NA	ENSG00000250272	0	NA	NA	NA	NA	TRMT112P1
NA	ENSG00000250273	0	NA	NA	NA	NA	PSMC1P5
100128059	ENSG00000250274	0	NA	NA	NA	NA	
NA	ENSG00000250277	0	NA	NA	NA	NA	
NA	ENSG00000250280	0	NA	NA	NA	NA	
NA	ENSG00000250282	2.03152252	0.08687474	0.39325645	0.22011326	NA	
NA	ENSG00000250284	0	NA	NA	NA	NA	
105371824	ENSG00000250286	6.64983854	0.21433219	0.43529279	0.1441122	0.32391367	
NA	ENSG00000250289	0	NA	NA	NA	NA	VWA8P1
NA	ENSG00000250290	0	NA	NA	NA	NA	NCAPGP1
NA	ENSG00000250292	0	NA	NA	NA	NA	
NA	ENSG00000250293	0	NA	NA	NA	NA	CRYZP2
101926926	ENSG00000250295	0.64960028	0.00502767	0.3819765	0.9144766	NA	RDH10-AS1
100507096	ENSG00000250298	0	NA	NA	NA	NA	GIMD1
NA	ENSG00000250299	17.0126742	0.1330071	0.35206242	0.45370353	0.67695556	MRPS31P4
NA	ENSG00000250300	0	NA	NA	NA	NA	
152578	ENSG00000250302	8.72757497	-0.37393538	0.68427892	0.01075354	0.04398973	LINC01618
107986281	ENSG00000250302	8.72757497	-0.37393538	0.68427892	0.01075354	0.04398973	LINC01618
283140	ENSG00000250303	10.0847003	0.09654988	0.35721217	0.54392072	0.75196063	LINC02762

NA	ENSG00000250304	0	NA	NA	NA	NA	ZBED1P1
57604	ENSG00000250305	1.81865749	0.01985777	0.37900783	0.76745443	NA	TRMT9B
NA	ENSG00000250306	0	NA	NA	NA	NA	
NA	ENSG00000250307	0	NA	NA	NA	NA	TUBB8P3
NA	ENSG00000250308	0	NA	NA	NA	NA	SALL4P1
NA	ENSG00000250309	4.77455157	0.08491523	0.37241259	0.51120093	0.72640667	
NA	ENSG00000250310	0	NA	NA	NA	NA	
255403	ENSG00000250312	11.9407667	-2.27929088	0.95074917	0.00069938	0.00432533	ZNF718
NA	ENSG00000250313	0	NA	NA	NA	NA	LINC02229
NA	ENSG00000250315	0	NA	NA	NA	NA	
NA	ENSG00000250316	0	NA	NA	NA	NA	
389203	ENSG00000250317	288.056461	0.07100555	0.14677615	0.60291941	0.79296792	SMIM20
NA	ENSG00000250318	18.0164674	0.23909856	0.37993357	0.23546826	0.45228872	
NA	ENSG00000250319	0	NA	NA	NA	NA	
NA	ENSG00000250320	8.92303761	-0.17000011	0.40295352	0.23560203	0.45240308	EDIL3-DT
NA	ENSG00000250321	0	NA	NA	NA	NA	
NA	ENSG00000250322	0	NA	NA	NA	NA	
NA	ENSG00000250324	0	NA	NA	NA	NA	MRPL22P1
NA	ENSG00000250325	0	NA	NA	NA	NA	IGBP1P4
105377623	ENSG00000250326	43.6373954	0.75466565	0.40986903	0.00857043	0.03655146	
NA	ENSG00000250327	7.74623049	-0.09677557	0.36169193	0.52409919	0.73698546	RPSAP70
153163	ENSG00000250328	0	NA	NA	NA	NA	
NA	ENSG00000250329	0	NA	NA	NA	NA	KDEL3P1
NA	ENSG00000250330	0	NA	NA	NA	NA	
102546227	ENSG00000250331	0.50722456	-0.0300376	0.3859506	0.51715697	NA	LINC01340
NA	ENSG00000250332	0	NA	NA	NA	NA	
NA	ENSG00000250333	0.30002138	-0.02294464	0.38527539	0.68644531	NA	
100506035	ENSG00000250334	0.45590073	0.00213458	0.38310763	0.9162374	NA	LINC00989
643401	ENSG00000250337	20.8836625	0.53425269	0.50207763	0.04716241	0.1422151	PURPL
NA	ENSG00000250338	0	NA	NA	NA	NA	
NA	ENSG00000250339	0	NA	NA	NA	NA	CXCL1P1
105377671	ENSG00000250340	0	NA	NA	NA	NA	LINC02494
NA	ENSG00000250341	0	NA	NA	NA	NA	LINC02510
NA	ENSG00000250342	0	NA	NA	NA	NA	SNRPCP16
NA	ENSG00000250343	2.00399587	0.01854406	0.37922257	0.78883882	NA	STK32A-AS1
NA	ENSG00000250344	0	NA	NA	NA	NA	
NA	ENSG00000250345	0.34225149	0.00308392	0.3833931	0.95823979	NA	
NA	ENSG00000250346	0	NA	NA	NA	NA	EEF1GP2

NA	ENSG00000250347	0	NA	NA	NA	NA	
NA	ENSG00000250348	0.30001561	-0.02294458	0.38527538	0.68644891	NA	
NA	ENSG00000250349	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000250350	0	NA	NA	NA	NA	
NA	ENSG00000250351	0	NA	NA	NA	NA	H3P20
NA	ENSG00000250354	0	NA	NA	NA	NA	
NA	ENSG00000250356	0	NA	NA	NA	NA	HSPE1P23
NA	ENSG00000250357	0	NA	NA	NA	NA	
NA	ENSG00000250358	0	NA	NA	NA	NA	LINC02200
NA	ENSG00000250359	0	NA	NA	NA	NA	PTP4A1P4
NA	ENSG00000250360	17.2933433	-0.28235445	0.40662517	0.17369306	0.36679833	
2994	ENSG00000250361	0.18922458	0.01954053	0.38488496	0.78225479	NA	GYPB
NA	ENSG00000250362	0	NA	NA	NA	NA	
NA	ENSG00000250363	0	NA	NA	NA	NA	KRT18P21
101927124	ENSG00000250365	22.2113753	-0.40417878	0.45368852	0.08909842	0.22877088	
NA	ENSG00000250366	292.428207	-4.91004383	0.26194594	1.46E-79	2.95E-77	TUNAR
NA	ENSG00000250371	2.30184034	0.059688	0.38636799	0.36094195	NA	
NA	ENSG00000250372	0	NA	NA	NA	NA	MARK2P4
NA	ENSG00000250374	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TRIM75P
NA	ENSG00000250375	0	NA	NA	NA	NA	
NA	ENSG00000250376	0	NA	NA	NA	NA	
NA	ENSG00000250377	0.90498843	0.00390299	0.38124803	0.94003627	NA	
NA	ENSG00000250378	0	NA	NA	NA	NA	
NA	ENSG00000250379	0	NA	NA	NA	NA	
NA	ENSG00000250381	0	NA	NA	NA	NA	UNC93B4
NA	ENSG00000250383	0	NA	NA	NA	NA	
NA	ENSG00000250384	0	NA	NA	NA	NA	UBE2CP3
NA	ENSG00000250385	0	NA	NA	NA	NA	
NA	ENSG00000250386	0	NA	NA	NA	NA	H3P21
NA	ENSG00000250387	0.4289117	0.01375351	0.38390612	0.84431391	NA	LINC02197
NA	ENSG00000250389	0	NA	NA	NA	NA	MTND6P2
NA	ENSG00000250390	0	NA	NA	NA	NA	
NA	ENSG00000250391	0	NA	NA	NA	NA	CRLF3P2
100996694	ENSG00000250392	0	NA	NA	NA	NA	LINC02502
NA	ENSG00000250393	0	NA	NA	NA	NA	
NA	ENSG00000250397	55.1334355	0.05937924	0.25094671	0.75724464	0.88697677	
NA	ENSG00000250398	0	NA	NA	NA	NA	
NA	ENSG00000250402	0	NA	NA	NA	NA	

NA	ENSG00000250403	0	NA	NA	NA	NA	
NA	ENSG00000250405	0	NA	NA	NA	NA	
NA	ENSG00000250406	0	NA	NA	NA	NA	
NA	ENSG00000250407	0	NA	NA	NA	NA	
NA	ENSG00000250409	0	NA	NA	NA	NA	
NA	ENSG00000250410	2.07838483	-0.09448015	0.3947902	0.2171025	NA	
NA	ENSG00000250412	1.80631725	0.06816885	0.38884736	0.29010629	NA	KLHL2P1
NA	ENSG00000250413	0	NA	NA	NA	NA	SLC2A9-AS1
NA	ENSG00000250415	0	NA	NA	NA	NA	
NA	ENSG00000250416	0	NA	NA	NA	NA	SEC63P2
101929034	ENSG00000250417	0	NA	NA	NA	NA	LINC02116
NA	ENSG00000250418	0	NA	NA	NA	NA	
729522	ENSG00000250420	3.87652299	0.02274021	0.36943915	0.8329825	0.9239848	AACSP1
NA	ENSG00000250421	0	NA	NA	NA	NA	
NA	ENSG00000250422	0	NA	NA	NA	NA	
57481	ENSG00000250423	0	NA	NA	NA	NA	KIAA1210
NA	ENSG00000250424	1.5912519	0.08383863	0.39692031	0.08599443	NA	
NA	ENSG00000250425	0	NA	NA	NA	NA	OR7E35P
100130017	ENSG00000250426	0	NA	NA	NA	NA	FTLP10
100505811	ENSG00000250427	0	NA	NA	NA	NA	LINC02148
NA	ENSG00000250428	0	NA	NA	NA	NA	MRS2P1
NA	ENSG00000250430	0	NA	NA	NA	NA	
NA	ENSG00000250431	0	NA	NA	NA	NA	
NA	ENSG00000250432	7.0183568	-0.16118379	0.39633487	0.27130392	0.49473993	FAM242C
101927808	ENSG00000250433	0	NA	NA	NA	NA	CLSTN2-AS1
728040	ENSG00000250436	0	NA	NA	NA	NA	LINC02499
NA	ENSG00000250437	0	NA	NA	NA	NA	LINC02161
NA	ENSG00000250438	0	NA	NA	NA	NA	
NA	ENSG00000250441	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000250442	0	NA	NA	NA	NA	EIF3KP3
NA	ENSG00000250444	0.29863895	-0.02292439	0.3852726	0.68753245	NA	CCT5P1
NA	ENSG00000250446	0	NA	NA	NA	NA	LINC01332
105378966	ENSG00000250447	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02105
NA	ENSG00000250448	28.9533978	-0.72255355	0.51992709	0.01830253	0.06767091	
100874363	ENSG00000250451	6.24529219	-0.09735209	0.38552805	0.36406188	0.59381904	HOXC-AS1
NA	ENSG00000250453	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000250455	0	NA	NA	NA	NA	
339978	ENSG00000250456	0	NA	NA	NA	NA	LINC02260

NA	ENSG00000250458	0	NA	NA	NA	NA	
NA	ENSG00000250461	0	NA	NA	NA	NA	
NA	ENSG00000250462	490.288932	0.09301542	0.12354196	0.42696987	0.65286501	LRRC37BP1
NA	ENSG00000250464	0	NA	NA	NA	NA	LRRC34P2
NA	ENSG00000250467	83.2859562	-0.06012257	0.22314668	0.73973472	0.8770894	PHOX2B-AS1
NA	ENSG00000250470	0.3000207	-0.02294463	0.38527539	0.68644573	NA	
NA	ENSG00000250471	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GMPS1
NA	ENSG00000250472	0.34113318	0.00136329	0.38336773	0.95233284	NA	TRIM36-IT1
NA	ENSG00000250473	0.18922458	0.01954053	0.38488496	0.78225479	NA	DUTP7
NA	ENSG00000250474	11.1157852	0.32639316	0.48588629	0.10532531	0.25877695	WBP1LP2
NA	ENSG00000250475	0	NA	NA	NA	NA	
NA	ENSG00000250476	0	NA	NA	NA	NA	ENPP7P9
400916	ENSG00000250479	314.117323	-0.26018251	0.14023367	0.04546701	0.13826877	CHCHD10
NA	ENSG00000250480	0	NA	NA	NA	NA	
NA	ENSG00000250481	0	NA	NA	NA	NA	
NA	ENSG00000250482	0	NA	NA	NA	NA	DUX4L51
NA	ENSG00000250483	1.33799559	0.05639784	0.38536441	0.39823472	NA	PPM1AP1
NA	ENSG00000250484	0	NA	NA	NA	NA	PPIAP76
NA	ENSG00000250485	0	NA	NA	NA	NA	EXOC7P1
152756	ENSG00000250486	0.64927623	-0.0228036	0.38267633	0.65516003	NA	FAM218A
NA	ENSG00000250488	0	NA	NA	NA	NA	LINC02233
401172	ENSG00000250490	4.56166598	0.03723201	0.36988271	0.72944202	0.87060877	LINC02145
NA	ENSG00000250492	0	NA	NA	NA	NA	INTS6P1
101929227	ENSG00000250493	0.52795596	0.01273932	0.38339561	0.75641212	NA	
NA	ENSG00000250494	0	NA	NA	NA	NA	
NA	ENSG00000250496	0.18922458	0.01954053	0.38488496	0.78225479	NA	ABT1P1
NA	ENSG00000250497	0	NA	NA	NA	NA	
NA	ENSG00000250500	0	NA	NA	NA	NA	
NA	ENSG00000250501	0	NA	NA	NA	NA	
NA	ENSG00000250503	0	NA	NA	NA	NA	
NA	ENSG00000250504	0	NA	NA	NA	NA	KRT18P51
NA	ENSG00000250505	0	NA	NA	NA	NA	
1018	ENSG00000250506	252.422856	0.48471684	0.16422236	0.00122367	0.00704108	CDK3
NA	ENSG00000250507	0	NA	NA	NA	NA	
105369364	ENSG00000250508	2.5152227	0.02518055	0.3742788	0.78569078	NA	LINC02701
NA	ENSG00000250509	0	NA	NA	NA	NA	
27239	ENSG00000250510	395.003236	-0.00741062	0.12697096	0.95426787	0.98112988	GPR162
NA	ENSG00000250511	0	NA	NA	NA	NA	

101928203	ENSG00000250514	0	NA	NA	NA	NA	LINC02125
NA	ENSG00000250515	0	NA	NA	NA	NA	
NA	ENSG00000250516	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000250517	0	NA	NA	NA	NA	LDHAL6CP
NA	ENSG00000250519	11.4079621	-0.44968227	0.6905382	0.03387746	0.11058388	
NA	ENSG00000250522	0	NA	NA	NA	NA	
NA	ENSG00000250523	0	NA	NA	NA	NA	
NA	ENSG00000250524	0	NA	NA	NA	NA	
NA	ENSG00000250526	0	NA	NA	NA	NA	CCT6P2
105374631	ENSG00000250529	0	NA	NA	NA	NA	LINC02121
NA	ENSG00000250532	0	NA	NA	NA	NA	
NA	ENSG00000250535	0	NA	NA	NA	NA	STK19B
NA	ENSG00000250536	0.86671444	-0.00851491	0.38213738	0.8570168	NA	ABHD17AP3
NA	ENSG00000250538	3.11536975	-0.04286614	0.3738302	0.67153077	0.83826144	
NA	ENSG00000250539	23.3100902	0.0271783	0.30315326	0.88672297	0.95023138	KRT8P33
NA	ENSG00000250540	0	NA	NA	NA	NA	
NA	ENSG00000250541	0	NA	NA	NA	NA	
NA	ENSG00000250543	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000250544	0	NA	NA	NA	NA	LINC02059
101928978	ENSG00000250546	0	NA	NA	NA	NA	
NA	ENSG00000250547	0	NA	NA	NA	NA	
101927780	ENSG00000250548	0	NA	NA	NA	NA	LINC01303
NA	ENSG00000250550	0	NA	NA	NA	NA	PPBPP1
NA	ENSG00000250551	0	NA	NA	NA	NA	MIR583HG
NA	ENSG00000250555	0	NA	NA	NA	NA	
NA	ENSG00000250556	0	NA	NA	NA	NA	CCDC34P1
NA	ENSG00000250560	0	NA	NA	NA	NA	
NA	ENSG00000250561	0	NA	NA	NA	NA	OR7E59P
NA	ENSG00000250562	0	NA	NA	NA	NA	RPL38P4
NA	ENSG00000250563	0	NA	NA	NA	NA	KNOP1P5
102546229	ENSG00000250564	0	NA	NA	NA	NA	
90423	ENSG00000250565	400.071341	0.19868143	0.13469571	0.11457492	0.27548308	ATP6V1E2
NA	ENSG00000250566	0	NA	NA	NA	NA	UGT2B29P
NA	ENSG00000250567	0	NA	NA	NA	NA	
NA	ENSG00000250568	0	NA	NA	NA	NA	
NA	ENSG00000250569	3.63871415	-0.00411041	0.36581546	0.96941658	0.98853525	NTAN1P2
2738	ENSG00000250571	372.694368	0.22725314	0.13489368	0.07126928	0.19409505	GLI4
NA	ENSG00000250572	0	NA	NA	NA	NA	

NA	ENSG00000250573	0	NA	NA	NA	NA	
NA	ENSG00000250574	0	NA	NA	NA	NA	
NA	ENSG00000250575	279.863482	0.18169994	0.14514785	0.1758594	0.37013108	
NA	ENSG00000250576	0	NA	NA	NA	NA	
NA	ENSG00000250577	0	NA	NA	NA	NA	
101929176	ENSG00000250579	2.40052506	-0.07940448	0.38658434	0.35600017	NA	
NA	ENSG00000250580	0	NA	NA	NA	NA	SNRPCP8
101927659	ENSG00000250582	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SMAD1-AS2
NA	ENSG00000250583	0	NA	NA	NA	NA	
100506791	ENSG00000250584	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC01511
106144578	ENSG00000250585	0	NA	NA	NA	NA	LINC00604
NA	ENSG00000250587	0	NA	NA	NA	NA	HPRT1P2
NA	ENSG00000250590	0.37844916	0.02407552	0.3854191	0.60038877	NA	LINC02492
NA	ENSG00000250591	0	NA	NA	NA	NA	PRSS3P1
NA	ENSG00000250592	4.68891684	-0.0585639	0.36845068	0.63179958	0.81371846	
NA	ENSG00000250594	0	NA	NA	NA	NA	RNF14P2
NA	ENSG00000250596	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000250597	0	NA	NA	NA	NA	
NA	ENSG00000250600	0	NA	NA	NA	NA	ROPN1L-AS1
NA	ENSG00000250602	0	NA	NA	NA	NA	
NA	ENSG00000250603	0	NA	NA	NA	NA	
NA	ENSG00000250604	0	NA	NA	NA	NA	
339874	ENSG00000250608	16.1068408	0.61135106	0.62031067	0.03484979	0.11295863	
NA	ENSG00000250609	0	NA	NA	NA	NA	
NA	ENSG00000250611	0	NA	NA	NA	NA	
NA	ENSG00000250612	0	NA	NA	NA	NA	
NA	ENSG00000250613	0	NA	NA	NA	NA	
NA	ENSG00000250614	0	NA	NA	NA	NA	
NA	ENSG00000250615	7.98210638	0.05890456	0.37425591	0.59089561	0.78559063	
NA	ENSG00000250616	12.4167349	0.09690149	0.3464599	0.56986813	0.77039833	
NA	ENSG00000250618	0	NA	NA	NA	NA	
NA	ENSG00000250619	0	NA	NA	NA	NA	
NA	ENSG00000250620	0	NA	NA	NA	NA	LINC02515
NA	ENSG00000250622	0	NA	NA	NA	NA	
NA	ENSG00000250623	0	NA	NA	NA	NA	
NA	ENSG00000250624	0	NA	NA	NA	NA	MTCYBP43
NA	ENSG00000250625	0	NA	NA	NA	NA	
NA	ENSG00000250626	0	NA	NA	NA	NA	

NA	ENSG00000250627	0	NA	NA	NA	NA	TTC39CP1
NA	ENSG00000250629	0	NA	NA	NA	NA	
NA	ENSG00000250630	0	NA	NA	NA	NA	MTCO1P35
100133461	ENSG00000250632	0	NA	NA	NA	NA	LINC02171
101929071	ENSG00000250634	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01182
111082989	ENSG00000250635	0.62294831	-0.04507565	0.3875689	0.37404731	NA	CXXC5-AS1
NA	ENSG00000250636	0	NA	NA	NA	NA	
NA	ENSG00000250637	0	NA	NA	NA	NA	
NA	ENSG00000250640	0	NA	NA	NA	NA	OR7E41P
110599563	ENSG00000250641	0	NA	NA	NA	NA	LY6G6F-LY6G6D
NA	ENSG00000250642	0	NA	NA	NA	NA	
NA	ENSG00000250643	0	NA	NA	NA	NA	
NA	ENSG00000250644	525.341211	-1.00791116	0.13955319	6.67E-14	1.67E-12	
NA	ENSG00000250645	0.4879698	0.01118965	0.38339023	0.78650698	NA	
NA	ENSG00000250646	0	NA	NA	NA	NA	
NA	ENSG00000250650	0	NA	NA	NA	NA	
NA	ENSG00000250651	2.18805286	-0.02978452	0.37442476	0.7470685	NA	PABPC1P7
100240735	ENSG00000250654	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000250655	0	NA	NA	NA	NA	
NA	ENSG00000250656	4.39556029	0.21920293	0.45160421	0.09793583	0.24536517	ST3GAL1P1
NA	ENSG00000250657	0	NA	NA	NA	NA	
NA	ENSG00000250658	0	NA	NA	NA	NA	
NA	ENSG00000250659	0	NA	NA	NA	NA	
NA	ENSG00000250662	0.16735865	0.01897177	0.38482933	0.78225479	NA	HNRNPKP5
NA	ENSG00000250665	0	NA	NA	NA	NA	
105377617	ENSG00000250666	0	NA	NA	NA	NA	LINC01596
NA	ENSG00000250667	0	NA	NA	NA	NA	
101929261	ENSG00000250668	0	NA	NA	NA	NA	LINC02123
NA	ENSG00000250669	0	NA	NA	NA	NA	
NA	ENSG00000250670	0	NA	NA	NA	NA	
NA	ENSG00000250672	0	NA	NA	NA	NA	
345051	ENSG00000250673	2.44590195	-0.05223954	0.38107719	0.50285773	NA	REELD1
NA	ENSG00000250674	0	NA	NA	NA	NA	
NA	ENSG00000250677	0	NA	NA	NA	NA	
NA	ENSG00000250678	0.68090388	7.62E-06	0.38240776	0.99826867	NA	
NA	ENSG00000250681	0	NA	NA	NA	NA	
NA	ENSG00000250682	0	NA	NA	NA	NA	LINC00491
NA	ENSG00000250684	0	NA	NA	NA	NA	ADI1P2

654780	ENSG00000250685	0	NA	NA	NA	NA	
NA	ENSG00000250686	0	NA	NA	NA	NA	KHDRBS2-OT1
NA	ENSG00000250687	3.22660534	-0.0603945	0.37524292	0.57072693	0.77107405	NAIPP1
NA	ENSG00000250688	0	NA	NA	NA	NA	TRAJ55
NA	ENSG00000250692	0.64409194	-0.0201099	0.38305518	0.67337056	NA	
NA	ENSG00000250693	0	NA	NA	NA	NA	RPF2P2
NA	ENSG00000250694	0	NA	NA	NA	NA	
NA	ENSG00000250696	0	NA	NA	NA	NA	
NA	ENSG00000250697	0	NA	NA	NA	NA	
NA	ENSG00000250698	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000250699	0.50869256	0.01525623	0.38312517	0.73997264	NA	
NA	ENSG00000250703	0	NA	NA	NA	NA	
NA	ENSG00000250704	0	NA	NA	NA	NA	
NA	ENSG00000250705	0	NA	NA	NA	NA	H3P23
NA	ENSG00000250706	0	NA	NA	NA	NA	
101928478	ENSG00000250708	2.45178137	0.12727199	0.40852999	0.11563998	NA	LINC02269
100526761	ENSG00000250709	30.4699489	1.15189385	0.55233786	0.00248503	0.01290655	CCDC169-SOHLH2
NA	ENSG00000250710	0	NA	NA	NA	NA	OR7E99P
NA	ENSG00000250711	0	NA	NA	NA	NA	PRELID3BP7
NA	ENSG00000250712	0	NA	NA	NA	NA	
NA	ENSG00000250714	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000250715	0	NA	NA	NA	NA	H3P22
NA	ENSG00000250716	0	NA	NA	NA	NA	LINC01017
110117498	ENSG00000250719	0	NA	NA	NA	NA	P3R3URF
NA	ENSG00000250721	0	NA	NA	NA	NA	HMGB1P22
6414	ENSG00000250722	72.5275718	-0.15599028	0.26542061	0.42716501	0.65297433	SELENOP
NA	ENSG00000250723	0	NA	NA	NA	NA	
NA	ENSG00000250725	0	NA	NA	NA	NA	
NA	ENSG00000250726	2.23540014	0.08995507	0.38772508	0.3442507	NA	
NA	ENSG00000250727	0	NA	NA	NA	NA	
NA	ENSG00000250728	0	NA	NA	NA	NA	
NA	ENSG00000250730	0	NA	NA	NA	NA	HMGB3P3
NA	ENSG00000250731	0.84575293	0.0159271	0.38116317	0.77750999	NA	TPM3P6
NA	ENSG00000250732	0	NA	NA	NA	NA	RPEP1
NA	ENSG00000250733	0.173733	0.01914545	0.38484597	0.78225479	NA	C8orf17
NA	ENSG00000250734	0	NA	NA	NA	NA	
NA	ENSG00000250735	0	NA	NA	NA	NA	
101928971	ENSG00000250739	0	NA	NA	NA	NA	LINC01262

NA	ENSG00000250740	0	NA	NA	NA	NA	
100526794	ENSG00000250741	0	NA	NA	NA	NA	NT5C1B-RDH14
400043	ENSG00000250742	524.291408	0.09487363	0.11002666	0.36838324	0.59780607	LINC02381
100287441	ENSG00000250745	0	NA	NA	NA	NA	USP17L20
NA	ENSG00000250746	0	NA	NA	NA	NA	
NA	ENSG00000250747	0	NA	NA	NA	NA	
105369187	ENSG00000250748	0	NA	NA	NA	NA	
NA	ENSG00000250749	0	NA	NA	NA	NA	
NA	ENSG00000250750	0	NA	NA	NA	NA	OR5BM1P
NA	ENSG00000250751	0.86932426	0.04330541	0.38476541	0.41427759	NA	
NA	ENSG00000250752	0	NA	NA	NA	NA	RPL23AP96
NA	ENSG00000250753	0.834131	0.04758001	0.38825843	0.28175463	NA	
101928877	ENSG00000250754	0	NA	NA	NA	NA	LINC02436
NA	ENSG00000250756	0	NA	NA	NA	NA	
NA	ENSG00000250761	0	NA	NA	NA	NA	
NA	ENSG00000250762	0	NA	NA	NA	NA	
NA	ENSG00000250764	1.60441024	-0.06842875	0.38718473	0.34403812	NA	
NA	ENSG00000250765	3.59553126	0.01679156	0.37482275	0.85044739	0.93230613	SEPTIN14P5
NA	ENSG00000250767	0	NA	NA	NA	NA	
NA	ENSG00000250768	0	NA	NA	NA	NA	DPP3P1
NA	ENSG00000250769	1.11135828	-0.02853881	0.3813622	0.64705225	NA	
NA	ENSG00000250770	15.8892574	-0.16730975	0.3659321	0.35191618	0.58202876	
100419170	ENSG00000250771	0.33226763	-0.02333258	0.38533061	0.66400368	NA	
101927007	ENSG00000250772	0	NA	NA	NA	NA	LINC01365
NA	ENSG00000250775	0	NA	NA	NA	NA	
NA	ENSG00000250777	0	NA	NA	NA	NA	
NA	ENSG00000250778	0	NA	NA	NA	NA	
105374428	ENSG00000250781	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000250782	0.14931947	-0.01844332	0.38480212	0.84537521	NA	TAF11L14
NA	ENSG00000250786	0.7112367	0.04795863	0.38799676	0.32074611	NA	SNHG18
NA	ENSG00000250787	0	NA	NA	NA	NA	HMG1P17
NA	ENSG00000250788	0	NA	NA	NA	NA	TUBB8P4
NA	ENSG00000250790	5.72418707	-0.07440981	0.37502725	0.52104914	0.73457437	
NA	ENSG00000250791	0	NA	NA	NA	NA	
NA	ENSG00000250794	0	NA	NA	NA	NA	ALG1L12P
NA	ENSG00000250796	4.48072715	0.01977515	0.36663728	0.86395003	0.93973512	
58510	ENSG00000250799	0	NA	NA	NA	NA	PRODH2
NA	ENSG00000250801	0	NA	NA	NA	NA	THOC3-AS1

	NA	ENSG00000250802	201.455795	0.08213253	0.16476125	0.58246275	0.7792354	ZBED3-AS1
100505841	NA	ENSG00000250803	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000250804	0	NA	NA	NA	NA	OR7E111FP
	NA	ENSG00000250806	0	NA	NA	NA	NA	
	NA	ENSG00000250808	0	NA	NA	NA	NA	MTCO2P30
	NA	ENSG00000250812	0	NA	NA	NA	NA	
	NA	ENSG00000250813	0	NA	NA	NA	NA	SERF1AP1
	NA	ENSG00000250814	0	NA	NA	NA	NA	LINC02221
	NA	ENSG00000250815	0	NA	NA	NA	NA	
	NA	ENSG00000250816	0	NA	NA	NA	NA	DCAF13P2
101929123	NA	ENSG00000250819	0	NA	NA	NA	NA	LINC02493
	NA	ENSG00000250820	0.173124	-0.01911262	0.38486262	0.84537521	NA	
644145	NA	ENSG00000250821	2.52571507	0.12724508	0.40433012	0.17463868	NA	EXOC1L
401177	NA	ENSG00000250822	0	NA	NA	NA	NA	LINC02111
	NA	ENSG00000250825	0	NA	NA	NA	NA	PGAM1P12
	NA	ENSG00000250826	0	NA	NA	NA	NA	HNRNPA3P13
	NA	ENSG00000250827	0	NA	NA	NA	NA	MFSD4BP1
	NA	ENSG00000250828	0	NA	NA	NA	NA	
	NA	ENSG00000250829	0	NA	NA	NA	NA	
	NA	ENSG00000250830	0	NA	NA	NA	NA	MRPS35P2
	NA	ENSG00000250831	0	NA	NA	NA	NA	
	NA	ENSG00000250833	0	NA	NA	NA	NA	DNM1P17
	NA	ENSG00000250834	0	NA	NA	NA	NA	KRT18P54
	NA	ENSG00000250835	0	NA	NA	NA	NA	LSM3P4
	NA	ENSG00000250838	0	NA	NA	NA	NA	
	NA	ENSG00000250839	0	NA	NA	NA	NA	
	NA	ENSG00000250842	0	NA	NA	NA	NA	
100287364	NA	ENSG00000250844	0	NA	NA	NA	NA	USP17L18
100144602	NA	ENSG00000250846	0	NA	NA	NA	NA	EPHA5-AS1
	NA	ENSG00000250847	0	NA	NA	NA	NA	
	NA	ENSG00000250848	5.46725222	-0.00633559	0.36006591	0.95778439	0.98264776	
	NA	ENSG00000250850	0	NA	NA	NA	NA	
	NA	ENSG00000250853	0.35629283	0.02381426	0.38538062	0.61421315	NA	RNF138P1
	NA	ENSG00000250855	0	NA	NA	NA	NA	
	NA	ENSG00000250857	0	NA	NA	NA	NA	TRIM60P15
	NA	ENSG00000250858	0	NA	NA	NA	NA	IGBP1P5
	NA	ENSG00000250859	0.30139824	-0.02296476	0.38527817	0.68536535	NA	HNRNPKP1
	NA	ENSG00000250860	0	NA	NA	NA	NA	

	NA	ENSG00000250862	0	NA	NA	NA	NA	HMGB1P29
105374438	NA	ENSG00000250863	0	NA	NA	NA	NA	
	NA	ENSG00000250865	0	NA	NA	NA	NA	
	NA	ENSG00000250866	0	NA	NA	NA	NA	
	NA	ENSG00000250868	0	NA	NA	NA	NA	XKRY
	NA	ENSG00000250869	0.35655934	0.02381618	0.38538092	0.61407852	NA	
	NA	ENSG00000250874	17.5974026	-0.00227881	0.32270349	0.98770781	0.99589897	
	NA	ENSG00000250877	0	NA	NA	NA	NA	
121952	NA	ENSG00000250878	0	NA	NA	NA	NA	METTL21EP
	NA	ENSG00000250882	0	NA	NA	NA	NA	
	NA	ENSG00000250884	0	NA	NA	NA	NA	OR7E85P
	NA	ENSG00000250885	0	NA	NA	NA	NA	LINC02061
	NA	ENSG00000250886	0	NA	NA	NA	NA	
	NA	ENSG00000250887	0	NA	NA	NA	NA	
105616916	NA	ENSG00000250888	0	NA	NA	NA	NA	LINC01455
	NA	ENSG00000250890	0	NA	NA	NA	NA	
	NA	ENSG00000250891	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC02208
	NA	ENSG00000250892	0	NA	NA	NA	NA	
	NA	ENSG00000250893	0	NA	NA	NA	NA	
	NA	ENSG00000250894	0	NA	NA	NA	NA	PRAMEF31P
	NA	ENSG00000250895	0	NA	NA	NA	NA	TUBAP15
	NA	ENSG00000250896	0	NA	NA	NA	NA	RNPS1P1
	NA	ENSG00000250897	0	NA	NA	NA	NA	HMGB3P15
	NA	ENSG00000250899	113.765673	-0.20467377	0.22883424	0.27069193	0.49398241	
	NA	ENSG00000250900	1.02622827	0.00657074	0.38001294	0.91411503	NA	TRIM7-AS1
	NA	ENSG00000250902	0	NA	NA	NA	NA	SMAD1-AS1
	NA	ENSG00000250903	59.6663342	0.63531577	0.33305607	0.01114968	0.04534843	GMDS-DT
	NA	ENSG00000250905	0	NA	NA	NA	NA	
	NA	ENSG00000250906	0.37844916	0.02407552	0.3854191	0.60038877	NA	
	NA	ENSG00000250908	0	NA	NA	NA	NA	
	NA	ENSG00000250909	2.36531515	-0.0482755	0.37682881	0.60831621	NA	
102724776	NA	ENSG00000250910	0.8499984	0.03694597	0.38457735	0.46092206	NA	
	NA	ENSG00000250913	0	NA	NA	NA	NA	USP17L23
	NA	ENSG00000250914	0.4612408	-0.00702734	0.383244	0.87677362	NA	
101928532	NA	ENSG00000250915	0	NA	NA	NA	NA	
	NA	ENSG00000250917	1.39739831	0.05733394	0.38576355	0.38291152	NA	
	NA	ENSG00000250919	0	NA	NA	NA	NA	UGT2B26P
	NA	ENSG00000250920	0	NA	NA	NA	NA	

	NA	ENSG00000250921	0	NA	NA	NA	NA	LINC02063
	NA	ENSG00000250922	0	NA	NA	NA	NA	ATP5F1EP1
	NA	ENSG00000250923	0	NA	NA	NA	NA	
	NA	ENSG00000250927	0	NA	NA	NA	NA	MESTP3
	NA	ENSG00000250928	0	NA	NA	NA	NA	
	NA	ENSG00000250929	0	NA	NA	NA	NA	LINC01181
100873939	NA	ENSG00000250930	0	NA	NA	NA	NA	LNK1-AS1
	NA	ENSG00000250933	0	NA	NA	NA	NA	GAPDHP66
	NA	ENSG00000250934	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000250938	2.48900043	0.05378724	0.37803748	0.56863873	NA	
	NA	ENSG00000250939	0	NA	NA	NA	NA	
	NA	ENSG00000250940	0	NA	NA	NA	NA	
	NA	ENSG00000250942	0	NA	NA	NA	NA	ENPP7P11
	NA	ENSG00000250945	0	NA	NA	NA	NA	
	NA	ENSG00000250946	0	NA	NA	NA	NA	
106478968	NA	ENSG00000250947	0	NA	NA	NA	NA	TRPC7-AS2
	NA	ENSG00000250948	0.83372029	-0.03064851	0.38366061	0.52817084	NA	
	NA	ENSG00000250949	0	NA	NA	NA	NA	
	NA	ENSG00000250950	1.05728859	-0.04480396	0.38535188	0.3948114	NA	
	NA	ENSG00000250951	0	NA	NA	NA	NA	USP9YP1
101928622	NA	ENSG00000250954	0	NA	NA	NA	NA	
	NA	ENSG00000250955	0	NA	NA	NA	NA	
	NA	ENSG00000250956	0	NA	NA	NA	NA	
	NA	ENSG00000250957	1.06479362	0.0521746	0.38698204	0.32846755	NA	
100861468	NA	ENSG00000250958	0	NA	NA	NA	NA	LINC00492
2749	NA	ENSG00000250959	53.3031924	0.2095872	0.2717143	0.29802751	0.52474847	GLUD1P3
	NA	ENSG00000250961	0	NA	NA	NA	NA	
	NA	ENSG00000250962	0.5366059	0.01465715	0.38298587	0.72795631	NA	
	NA	ENSG00000250966	2.02500122	0.01464065	0.37399269	0.87192967	NA	H3P14
100506107	NA	ENSG00000250968	0	NA	NA	NA	NA	LINC02382
	NA	ENSG00000250969	0	NA	NA	NA	NA	
	NA	ENSG00000250971	0	NA	NA	NA	NA	
	NA	ENSG00000250972	0	NA	NA	NA	NA	CKS1BP5
	NA	ENSG00000250973	0	NA	NA	NA	NA	KRTAP13-6P
	NA	ENSG00000250974	0	NA	NA	NA	NA	LINC02196
	NA	ENSG00000250976	0	NA	NA	NA	NA	
	NA	ENSG00000250977	0	NA	NA	NA	NA	
	NA	ENSG00000250978	0	NA	NA	NA	NA	

	NA	ENSG00000250979	630.905089	0.09933558	0.10141287	0.31011869	0.53778389	
	NA	ENSG00000250980	0	NA	NA	NA	NA	NSA2P6
	NA	ENSG00000250981	0.32473357	0.00156926	0.38337024	0.96528412	NA	MARCHF11-AS1
	NA	ENSG00000250982	0.87045417	0.06316002	0.39093441	0.21098458	NA	GAPDHP35
	NA	ENSG00000250983	0	NA	NA	NA	NA	
	NA	ENSG00000250984	0	NA	NA	NA	NA	
	NA	ENSG00000250986	40.3765519	-1.29790649	0.41031686	0.00011823	0.00088384	LINC02600
100505616	NA	ENSG00000250988	82.5003091	0.16810398	0.2186802	0.3534701	0.58377148	SNHG21
	NA	ENSG00000250990	0.67597091	0.01894948	0.38348267	0.63567666	NA	
	NA	ENSG00000250992	0	NA	NA	NA	NA	
	NA	ENSG00000250993	0	NA	NA	NA	NA	
	NA	ENSG00000250994	0	NA	NA	NA	NA	
	NA	ENSG00000250995	0.85630477	0.04981597	0.38860994	0.26682509	NA	TMEM30BP1
	NA	ENSG00000250997	0	NA	NA	NA	NA	
	NA	ENSG00000250999	12.9443647	0.04362498	0.33400002	0.79841897	0.90769144	
	NA	ENSG00000251000	0	NA	NA	NA	NA	GGCTP1
	NA	ENSG00000251001	0	NA	NA	NA	NA	
105370401	NA	ENSG00000251002	3.90004111	0.22681489	0.48724989	0.0028745	0.01460438	
	NA	ENSG00000251003	0	NA	NA	NA	NA	ZFPM2-AS1
	NA	ENSG00000251005	0	NA	NA	NA	NA	H3P15
	NA	ENSG00000251008	0.18922458	0.01954053	0.38488496	0.78225479	NA	ORAOV1P1
	NA	ENSG00000251009	0	NA	NA	NA	NA	
	NA	ENSG00000251010	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000251011	75.2450456	2.99083447	0.51791085	2.15E-10	3.99E-09	TMEM108-AS1
	NA	ENSG00000251012	0	NA	NA	NA	NA	
	NA	ENSG00000251013	3.94753678	0.02937447	0.37033106	0.78379155	0.9014745	GAPDHP62
	NA	ENSG00000251014	0	NA	NA	NA	NA	
100874259	NA	ENSG00000251015	1.13073372	-0.03515047	0.38130823	0.59992662	NA	SLC25A30-AS1
	NA	ENSG00000251017	0	NA	NA	NA	NA	
	NA	ENSG00000251018	0	NA	NA	NA	NA	HMMR-AS1
	NA	ENSG00000251019	0	NA	NA	NA	NA	HIGD1AP13
	NA	ENSG00000251022	840.016743	-0.00132275	0.10389511	0.98800949	0.99589897	THAP9-AS1
	NA	ENSG00000251023	2.64115638	-0.08410063	0.3863924	0.36479527	0.59432668	
	NA	ENSG00000251025	0	NA	NA	NA	NA	NDUFB5P1
	NA	ENSG00000251026	0	NA	NA	NA	NA	LINC02163
102467213	NA	ENSG00000251027	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01950
	NA	ENSG00000251031	0	NA	NA	NA	NA	
	NA	ENSG00000251032	0.18922458	0.01954053	0.38488496	0.78225479	NA	CUL1P1

NA	ENSG00000251033	0	NA	NA	NA	NA	
NA	ENSG00000251034	14.0111247	-0.07567792	0.34119594	0.65136615	0.82586301	
NA	ENSG00000251035	0	NA	NA	NA	NA	WBP1LP4
NA	ENSG00000251038	0	NA	NA	NA	NA	
NA	ENSG00000251039	0	NA	NA	NA	NA	IGKV2D-40
105377652	ENSG00000251040	0	NA	NA	NA	NA	LINC02480
NA	ENSG00000251044	0	NA	NA	NA	NA	
340074	ENSG00000251045	0	NA	NA	NA	NA	SLC25A48-AS1
NA	ENSG00000251046	0	NA	NA	NA	NA	ZNF969P
NA	ENSG00000251048	0	NA	NA	NA	NA	
NA	ENSG00000251049	0	NA	NA	NA	NA	
NA	ENSG00000251050	3.46326764	-0.01601697	0.37068837	0.87257557	0.94430258	RBX1P2
NA	ENSG00000251051	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ELL2P2
NA	ENSG00000251054	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000251055	0	NA	NA	NA	NA	
NA	ENSG00000251056	19.4923546	0.0818538	0.31747953	0.6613683	0.8324506	ANKRD20A17P
NA	ENSG00000251058	0	NA	NA	NA	NA	
101928942	ENSG00000251059	0	NA	NA	NA	NA	PRKG2-AS1
NA	ENSG00000251061	0	NA	NA	NA	NA	LINC02512
NA	ENSG00000251062	0	NA	NA	NA	NA	
NA	ENSG00000251066	0	NA	NA	NA	NA	
102723557	ENSG00000251072	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LMNB1-DT
NA	ENSG00000251073	0	NA	NA	NA	NA	NUDT19P5
NA	ENSG00000251074	0	NA	NA	NA	NA	
NA	ENSG00000251075	0	NA	NA	NA	NA	HTT-AS
101927023	ENSG00000251076	0	NA	NA	NA	NA	
NA	ENSG00000251078	0	NA	NA	NA	NA	SLC25A5P9
NA	ENSG00000251079	79.4937114	0.03802864	0.2265136	0.83702199	0.92594176	BMS1P2
NA	ENSG00000251080	0	NA	NA	NA	NA	
NA	ENSG00000251081	0	NA	NA	NA	NA	
NA	ENSG00000251087	0	NA	NA	NA	NA	ALG1L3P
NA	ENSG00000251088	0	NA	NA	NA	NA	
NA	ENSG00000251090	0	NA	NA	NA	NA	OR5AC4P
NA	ENSG00000251093	0	NA	NA	NA	NA	
NA	ENSG00000251095	1.3116715	-0.0561957	0.38463978	0.42118911	NA	
NA	ENSG00000251099	0	NA	NA	NA	NA	
NA	ENSG00000251101	0	NA	NA	NA	NA	
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NA	ENSG00000251105	0	NA	NA	NA	NA	
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NA	ENSG00000251107	0	NA	NA	NA	NA	PDCD5P2
NA	ENSG00000251108	0	NA	NA	NA	NA	YBX1P5
NA	ENSG00000251111	0.18922458	0.01954053	0.38488496	0.78225479	NA	FCF1P8
NA	ENSG00000251112	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000251113	0	NA	NA	NA	NA	
NA	ENSG00000251118	0	NA	NA	NA	NA	H3P24
NA	ENSG00000251122	0	NA	NA	NA	NA	NIFKP2
NA	ENSG00000251123	0	NA	NA	NA	NA	
NA	ENSG00000251125	0.46134908	-0.00705008	0.38324475	0.87641625	NA	
NA	ENSG00000251126	0	NA	NA	NA	NA	
NA	ENSG00000251127	0	NA	NA	NA	NA	
101928734	ENSG00000251128	0.30139824	-0.02296476	0.38527817	0.68536535	NA	WWC2-AS1
NA	ENSG00000251129	0	NA	NA	NA	NA	LINC02506
NA	ENSG00000251131	0	NA	NA	NA	NA	
NA	ENSG00000251132	0	NA	NA	NA	NA	
NA	ENSG00000251135	0	NA	NA	NA	NA	
101929709	ENSG00000251136	271.833474	0.18474851	0.18623468	0.25710113	0.47814578	
NA	ENSG00000251137	0	NA	NA	NA	NA	RPL7L1P7
100507377	ENSG00000251138	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02882
NA	ENSG00000251139	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000251141	33.6453009	0.11248529	0.30994721	0.55993846	0.76415299	MRPS30-DT
NA	ENSG00000251142	0	NA	NA	NA	NA	
100128494	ENSG00000251143	80.1208026	0.73523317	0.32792286	0.00398012	0.0192177	
NA	ENSG00000251144	0	NA	NA	NA	NA	
NA	ENSG00000251147	0	NA	NA	NA	NA	
NA	ENSG00000251148	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000251149	0	NA	NA	NA	NA	MTND5P5
100874365	ENSG00000251151	0.16735865	0.01897177	0.38482933	0.78225479	NA	HOXC-AS3
NA	ENSG00000251152	0	NA	NA	NA	NA	
102723899	ENSG00000251154	0	NA	NA	NA	NA	PTTG1IP2
NA	ENSG00000251155	0.4659976	-0.00795794	0.38327642	0.86213412	NA	SEPTIN14P4
NA	ENSG00000251158	14.0928145	-0.14656554	0.35530595	0.41311827	0.6403849	
NA	ENSG00000251159	0	NA	NA	NA	NA	
NA	ENSG00000251161	3.40403011	0.09873416	0.38646596	0.35709182	0.58712453	
NA	ENSG00000251162	0	NA	NA	NA	NA	
NA	ENSG00000251163	0	NA	NA	NA	NA	PRELID3BP4

285441	ENSG00000251165	0	NA	NA	NA	NA	F11-AS1
NA	ENSG00000251166	0	NA	NA	NA	NA	OR7E163P
NA	ENSG00000251168	0	NA	NA	NA	NA	
101927934	ENSG00000251169	0	NA	NA	NA	NA	LINC01843
NA	ENSG00000251170	0	NA	NA	NA	NA	
NA	ENSG00000251171	0	NA	NA	NA	NA	
NA	ENSG00000251172	0	NA	NA	NA	NA	
101410542	ENSG00000251173	0	NA	NA	NA	NA	UCHL1-AS1
NA	ENSG00000251174	0	NA	NA	NA	NA	TSEN2P1
101929529	ENSG00000251175	0	NA	NA	NA	NA	GSTCD-AS1
NA	ENSG00000251176	0	NA	NA	NA	NA	
NA	ENSG00000251177	0	NA	NA	NA	NA	
NA	ENSG00000251178	0	NA	NA	NA	NA	OR7E21P
103752589	ENSG00000251179	0	NA	NA	NA	NA	TMEM92-AS1
NA	ENSG00000251182	0	NA	NA	NA	NA	LINC02497
105378238	ENSG00000251183	0	NA	NA	NA	NA	LINC01861
NA	ENSG00000251184	0	NA	NA	NA	NA	
NA	ENSG00000251185	0	NA	NA	NA	NA	
NA	ENSG00000251186	0	NA	NA	NA	NA	
NA	ENSG00000251187	0	NA	NA	NA	NA	
NA	ENSG00000251188	10.8219718	-0.06532858	0.34378446	0.68748877	0.84817465	
NA	ENSG00000251189	0	NA	NA	NA	NA	
619351	ENSG00000251191	16.9626131	-0.91428623	0.68171752	0.01219562	0.04886129	LINC00589
641339	ENSG00000251192	97.7424594	-0.01866864	0.23315995	0.91819314	0.9653411	ZNF674
NA	ENSG00000251193	0	NA	NA	NA	NA	
NA	ENSG00000251194	0	NA	NA	NA	NA	
NA	ENSG00000251195	0	NA	NA	NA	NA	
NA	ENSG00000251196	0.97964021	-0.01431527	0.38129055	0.79491897	NA	
NA	ENSG00000251199	0	NA	NA	NA	NA	
NA	ENSG00000251200	0	NA	NA	NA	NA	
100302736	ENSG00000251201	169.565232	0.37353724	0.1750368	0.01703281	0.06405061	TMED7-TICAM2
NA	ENSG00000251203	0.48770252	-0.00640012	0.38314278	0.86762113	NA	DNAJB6P2
NA	ENSG00000251204	0	NA	NA	NA	NA	
NA	ENSG00000251205	0	NA	NA	NA	NA	
NA	ENSG00000251206	0	NA	NA	NA	NA	
91948	ENSG00000251209	0	NA	NA	NA	NA	LINC00923
101929019	ENSG00000251210	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02270
NA	ENSG00000251211	0.64119169	0.00328692	0.38137258	0.94814494	NA	

NA	ENSG00000251212	0	NA	NA	NA	NA	MTND5P4
NA	ENSG00000251213	0	NA	NA	NA	NA	
NA	ENSG00000251214	0	NA	NA	NA	NA	
NA	ENSG00000251215	0	NA	NA	NA	NA	GOLGA5P1
NA	ENSG00000251216	48.2871667	0.91121265	0.40964348	0.0026433	0.0136049	
101927845	ENSG00000251218	0	NA	NA	NA	NA	
100874276	ENSG00000251219	0	NA	NA	NA	NA	LINC01217
NA	ENSG00000251220	0	NA	NA	NA	NA	RFPL4AP3
103689917	ENSG00000251221	0.66585085	0.00285844	0.38131469	0.95493584	NA	LINC01337
NA	ENSG00000251223	0.30139824	-0.02296476	0.38527817	0.68536535	NA	MTCO1P9
NA	ENSG00000251224	0	NA	NA	NA	NA	CNOT10-AS1
729305	ENSG00000251226	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02714
NA	ENSG00000251228	0	NA	NA	NA	NA	
NA	ENSG00000251229	1.43260349	-0.03077132	0.37913329	0.68101767	NA	
NA	ENSG00000251230	0	NA	NA	NA	NA	MIR3945HG
NA	ENSG00000251234	0	NA	NA	NA	NA	PSMA2P2
NA	ENSG00000251235	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SNRPCP2
NA	ENSG00000251236	0	NA	NA	NA	NA	
NA	ENSG00000251237	0.18922458	0.01954053	0.38488496	0.78225479	NA	B3GNTL1P1
101927253	ENSG00000251239	0	NA	NA	NA	NA	
NA	ENSG00000251243	0	NA	NA	NA	NA	
NA	ENSG00000251244	0.72614955	0.00286878	0.38234362	0.94669384	NA	
NA	ENSG00000251246	1.34915777	0.07372127	0.39394933	0.12150327	NA	
25850	ENSG00000251247	105.564472	0.09504343	0.21200128	0.59281871	0.78702605	ZNF345
NA	ENSG00000251248	0	NA	NA	NA	NA	
100505685	ENSG00000251249	0	NA	NA	NA	NA	
NA	ENSG00000251250	1.87606613	-0.05995291	0.38473711	0.41412911	NA	
NA	ENSG00000251252	0	NA	NA	NA	NA	MTND2P31
NA	ENSG00000251253	0	NA	NA	NA	NA	MTHFD2P4
NA	ENSG00000251254	0.173733	0.01914545	0.38484597	0.78225479	NA	GTF2F2P1
NA	ENSG00000251256	0	NA	NA	NA	NA	LINC02358
NA	ENSG00000251257	0	NA	NA	NA	NA	
442247	ENSG00000251258	0	NA	NA	NA	NA	RFPL4B
NA	ENSG00000251259	2.33238482	0.06693513	0.38078459	0.48194265	NA	
NA	ENSG00000251260	0	NA	NA	NA	NA	WDFY3-AS1
NA	ENSG00000251261	0	NA	NA	NA	NA	OR7H2P
NA	ENSG00000251264	0	NA	NA	NA	NA	
105377247	ENSG00000251266	0	NA	NA	NA	NA	LINC02429

NA	ENSG00000251270	0	NA	NA	NA	NA	
NA	ENSG00000251271	0	NA	NA	NA	NA	ALG1L7P
NA	ENSG00000251273	0	NA	NA	NA	NA	LINC02228
NA	ENSG00000251276	0	NA	NA	NA	NA	MAGI2-AS1
NA	ENSG00000251278	0	NA	NA	NA	NA	
NA	ENSG00000251279	0.6960864	0.0247804	0.38337517	0.58232717	NA	SMIM15-AS1
NA	ENSG00000251281	0	NA	NA	NA	NA	
NA	ENSG00000251283	0	NA	NA	NA	NA	LINC02272
NA	ENSG00000251284	0	NA	NA	NA	NA	
NA	ENSG00000251285	0	NA	NA	NA	NA	
NA	ENSG00000251286	0	NA	NA	NA	NA	
644974	ENSG00000251287	0.30001594	-0.02294459	0.38527538	0.68644871	NA	ALG1L2
NA	ENSG00000251288	0.78845231	-0.00764899	0.38086686	0.89233728	NA	
NA	ENSG00000251291	0	NA	NA	NA	NA	LINC02462
NA	ENSG00000251292	0	NA	NA	NA	NA	ERVH-1
NA	ENSG00000251293	0	NA	NA	NA	NA	
NA	ENSG00000251294	0	NA	NA	NA	NA	
NA	ENSG00000251296	0	NA	NA	NA	NA	
NA	ENSG00000251297	0.16735865	0.01897177	0.38482933	0.78225479	NA	TUBB7P
NA	ENSG00000251298	0.72168372	0.05215949	0.38875695	0.28777056	NA	
NA	ENSG00000251299	0	NA	NA	NA	NA	SLC25A15P3
NA	ENSG00000251300	0	NA	NA	NA	NA	
NA	ENSG00000251301	1.05238425	-0.00123768	0.38083357	0.98188738	NA	LINC02384
NA	ENSG00000251303	0.31838587	0.00132684	0.38336816	0.96436563	NA	CAB39P1
NA	ENSG00000251306	0	NA	NA	NA	NA	NDUFB4P2
NA	ENSG00000251307	0	NA	NA	NA	NA	
NA	ENSG00000251308	0	NA	NA	NA	NA	MRPS33P3
NA	ENSG00000251309	0	NA	NA	NA	NA	
NA	ENSG00000251310	0	NA	NA	NA	NA	
NA	ENSG00000251311	0	NA	NA	NA	NA	LINC02214
NA	ENSG00000251312	0	NA	NA	NA	NA	
NA	ENSG00000251313	0.37844916	0.02407552	0.3854191	0.60038877	NA	
101929710	ENSG00000251314	0	NA	NA	NA	NA	
NA	ENSG00000251320	0	NA	NA	NA	NA	
118425	ENSG00000251321	0	NA	NA	NA	NA	PCAT4
85358	ENSG00000251322	309.756011	0.28442953	0.17791447	0.07137869	0.19425517	SHANK3
101928865	ENSG00000251323	13.4772985	0.06745371	0.33776265	0.69327838	0.85183585	LINC02728
NA	ENSG00000251324	0	NA	NA	NA	NA	LINC01386

	NA	ENSG00000251325	0	NA	NA	NA	NA	
	NA	ENSG00000251326	0	NA	NA	NA	NA	LINC02479
101927363	ENSG00000251329	0	NA	NA	NA	NA	NA	LINC02353
	NA	ENSG00000251330	1.30950169	0.0295217	0.3808333	0.65547677	NA	
	NA	ENSG00000251332	1.36727872	0.02017818	0.3806607	0.74322285	NA	PSME2P4
	NA	ENSG00000251333	0	NA	NA	NA	NA	RTN3P1
	NA	ENSG00000251334	0	NA	NA	NA	NA	
105377573	ENSG00000251336	0	NA	NA	NA	NA	NA	TEMN3-AS1
	NA	ENSG00000251338	0	NA	NA	NA	NA	
	NA	ENSG00000251339	0	NA	NA	NA	NA	
	NA	ENSG00000251340	0	NA	NA	NA	NA	MTCYBP35
	NA	ENSG00000251342	1.60569107	-0.09466542	0.39631587	0.15751884	NA	
	NA	ENSG00000251345	0	NA	NA	NA	NA	CDRT15P11
	NA	ENSG00000251347	0	NA	NA	NA	NA	IRF5P1
	NA	ENSG00000251348	32.3205778	0.16076466	0.29803428	0.42442957	0.65014536	HSPD1P11
100526694	ENSG00000251349	499.237056	-0.64632149	0.15917202	1.24E-05	0.00011573	0.00011573	MSANTD3-TMEFF1
100506827	ENSG00000251350	0	NA	NA	NA	NA	NA	LINC02475
	NA	ENSG00000251352	0	NA	NA	NA	NA	
	NA	ENSG00000251353	0	NA	NA	NA	NA	MTND3P5
	NA	ENSG00000251354	0	NA	NA	NA	NA	
	NA	ENSG00000251356	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RAB5CP2
	NA	ENSG00000251357	0.173733	0.01914545	0.38484597	0.78225479	NA	
152641	ENSG00000251359	5.76473552	0.16797708	0.4062626	0.22708053	0.44177223	0.44177223	WWC2-AS2
	NA	ENSG00000251360	0	NA	NA	NA	NA	KHDC1P1
	NA	ENSG00000251361	0.56767373	0.02627943	0.38574813	0.49686938	NA	
	NA	ENSG00000251363	7.81933245	-0.07876797	0.36024654	0.58904506	0.78360292	LINC02315
100506258	ENSG00000251364	2.32352705	0.1287387	0.40912226	0.10143077	NA	NA	
109729133	ENSG00000251365	69.2448475	-0.04027763	0.23273988	0.82663038	0.92144622	0.92144622	LINC02236
	NA	ENSG00000251366	0	NA	NA	NA	NA	DBIP2
	NA	ENSG00000251367	0	NA	NA	NA	NA	
	NA	ENSG00000251368	0	NA	NA	NA	NA	
162972	ENSG00000251369	412.376353	0.07875504	0.11702595	0.48230867	0.70272483	0.70272483	ZNF550
101929338	ENSG00000251370	0	NA	NA	NA	NA	NA	SEMA5A-AS1
	NA	ENSG00000251371	0	NA	NA	NA	NA	
100874047	ENSG00000251372	0	NA	NA	NA	NA	NA	LINC00499
	NA	ENSG00000251373	0	NA	NA	NA	NA	
	NA	ENSG00000251374	0	NA	NA	NA	NA	
	NA	ENSG00000251376	0	NA	NA	NA	NA	

NA	ENSG00000251377	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000251378	0	NA	NA	NA	NA	
NA	ENSG00000251379	0.31942293	0.00205357	0.38337616	0.95739945	NA	
140947	ENSG00000251380	0	NA	NA	NA	NA	DCANP1
100506305	ENSG00000251381	0.51341399	-0.01984356	0.38358098	0.70422394	NA	LINC00958
441025	ENSG00000251383	0	NA	NA	NA	NA	LINC02483
NA	ENSG00000251385	0	NA	NA	NA	NA	MTCYBP16
NA	ENSG00000251387	1.63361132	0.04169177	0.38284627	0.52065314	NA	
NA	ENSG00000251388	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000251389	0	NA	NA	NA	NA	YTHDF1P1
NA	ENSG00000251391	0	NA	NA	NA	NA	
NA	ENSG00000251393	35.9931341	-0.54720291	0.39329192	0.03434064	0.11170355	
NA	ENSG00000251395	0	NA	NA	NA	NA	FTH1P9
NA	ENSG00000251396	9.52876923	0.36782266	0.56232231	0.0623463	0.17642997	LINC01301
104355285	ENSG00000251398	0	NA	NA	NA	NA	LINC01256
NA	ENSG00000251399	0	NA	NA	NA	NA	
NA	ENSG00000251400	0	NA	NA	NA	NA	ALDH7A1P1
NA	ENSG00000251401	0	NA	NA	NA	NA	
NA	ENSG00000251402	3.04654826	0.01685192	0.37024628	0.87151865	0.94401928	FAM90A25P
NA	ENSG00000251405	7.85500398	0.23106742	0.44754902	0.12752726	0.29797913	
NA	ENSG00000251407	0	NA	NA	NA	NA	MTND1P22
NA	ENSG00000251408	0.96430113	-0.02420846	0.38054746	0.7069161	NA	
NA	ENSG00000251409	0	NA	NA	NA	NA	
NA	ENSG00000251410	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000251411	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000251412	0	NA	NA	NA	NA	
NA	ENSG00000251413	0	NA	NA	NA	NA	
NA	ENSG00000251414	3.03617256	0.08716109	0.38409789	0.39787874	0.62704855	
NA	ENSG00000251416	0	NA	NA	NA	NA	
NA	ENSG00000251417	11.6401539	0.10290649	0.35074936	0.54086013	0.74940045	
NA	ENSG00000251418	0	NA	NA	NA	NA	ASS1P8
NA	ENSG00000251419	0	NA	NA	NA	NA	
NA	ENSG00000251421	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000251423	0	NA	NA	NA	NA	
NA	ENSG00000251424	0	NA	NA	NA	NA	
NA	ENSG00000251426	0	NA	NA	NA	NA	
NA	ENSG00000251427	0	NA	NA	NA	NA	
NA	ENSG00000251429	0.14931947	-0.01844332	0.38480212	0.84537521	NA	AIDAP2

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	NA	ENSG00000251431	0	NA	NA	NA	NA	
100507487		ENSG00000251432	27.7675571	0.194938	0.33290951	0.33528316	0.5651672	LINC02615
	NA	ENSG00000251433	0	NA	NA	NA	NA	CCNHP1
	NA	ENSG00000251434	0	NA	NA	NA	NA	
	NA	ENSG00000251435	0	NA	NA	NA	NA	C1GALT1P2
	NA	ENSG00000251436	0	NA	NA	NA	NA	NUP58P1
	NA	ENSG00000251437	0	NA	NA	NA	NA	NDUFS5P4
	NA	ENSG00000251438	0	NA	NA	NA	NA	
	NA	ENSG00000251439	0	NA	NA	NA	NA	KRTAP4-17P
	NA	ENSG00000251440	0	NA	NA	NA	NA	STMN1P2
	NA	ENSG00000251441	0.66943461	0.03059546	0.38616409	0.42784935	NA	RTEL1P1
	NA	ENSG00000251442	0	NA	NA	NA	NA	LINC01094
105374716		ENSG00000251443	0	NA	NA	NA	NA	LINC02160
	NA	ENSG00000251445	0	NA	NA	NA	NA	
	NA	ENSG00000251446	0	NA	NA	NA	NA	
	NA	ENSG00000251447	0	NA	NA	NA	NA	
	NA	ENSG00000251448	1.81425946	0.1255976	0.41269805	0.03653846	NA	
	NA	ENSG00000251449	0	NA	NA	NA	NA	MTND1P19
102524628		ENSG00000251450	1.6402536	-0.06536699	0.3912101	0.17172872	NA	RASGRF2-AS1
	NA	ENSG00000251451	0	NA	NA	NA	NA	GTF2IP9
	NA	ENSG00000251452	0	NA	NA	NA	NA	
	NA	ENSG00000251453	0.18922458	0.01954053	0.38488496	0.78225479	NA	HAUS1P1
	NA	ENSG00000251454	0	NA	NA	NA	NA	
	NA	ENSG00000251455	7.86690141	0.05149807	0.35513091	0.72480928	0.86844186	
	NA	ENSG00000251456	0	NA	NA	NA	NA	
	NA	ENSG00000251458	0	NA	NA	NA	NA	
	NA	ENSG00000251459	0	NA	NA	NA	NA	
	NA	ENSG00000251460	0.48558052	0.01086774	0.3833747	0.79147945	NA	
	NA	ENSG00000251461	0	NA	NA	NA	NA	
	NA	ENSG00000251463	0	NA	NA	NA	NA	FKBP4P1
	NA	ENSG00000251464	0	NA	NA	NA	NA	RPL7L1P13
	NA	ENSG00000251467	0	NA	NA	NA	NA	
	NA	ENSG00000251468	0	NA	NA	NA	NA	
	NA	ENSG00000251470	0	NA	NA	NA	NA	ASNSP4
	NA	ENSG00000251471	0	NA	NA	NA	NA	
	NA	ENSG00000251473	0	NA	NA	NA	NA	
	NA	ENSG00000251474	354.051129	0.08367965	0.14862545	0.54158146	0.74998089	RPL32P3

NA	ENSG00000251476	0.29863895	-0.02292439	0.3852726	0.68753245	NA	MTCO1P31
NA	ENSG00000251477	0	NA	NA	NA	NA	
NA	ENSG00000251478	0.64779657	0.00348149	0.38250471	0.93386819	NA	
NA	ENSG00000251482	0	NA	NA	NA	NA	AKIRIN2P1
NA	ENSG00000251483	0	NA	NA	NA	NA	LYPLA1P2
NA	ENSG00000251484	1.17923696	0.01478882	0.37974199	0.81909083	NA	
NA	ENSG00000251485	62.4292324	0.16380468	0.24795077	0.39625473	0.62563597	NRBF2P6
NA	ENSG00000251487	0	NA	NA	NA	NA	
NA	ENSG00000251488	0	NA	NA	NA	NA	
NA	ENSG00000251489	0	NA	NA	NA	NA	
NA	ENSG00000251490	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000251491	0	NA	NA	NA	NA	OR7E28P
NA	ENSG00000251492	0	NA	NA	NA	NA	
2297	ENSG00000251493	1.08522309	-0.02893226	0.38162704	0.63631102	NA	FOXD1
NA	ENSG00000251495	0.16735865	0.01897177	0.38482933	0.78225479	NA	PPIAP11
100507091	ENSG00000251497	0	NA	NA	NA	NA	PITPNM2-AS1
NA	ENSG00000251498	0	NA	NA	NA	NA	
NA	ENSG00000251501	0	NA	NA	NA	NA	
100526739	ENSG00000251503	26.4931986	-0.13752099	0.35506744	0.43076846	0.65615711	CENPS-CORT
101928656	ENSG00000251504	0	NA	NA	NA	NA	LINC01099
NA	ENSG00000251506	0	NA	NA	NA	NA	
NA	ENSG00000251508	0	NA	NA	NA	NA	
NA	ENSG00000251510	0	NA	NA	NA	NA	
NA	ENSG00000251511	0.53024662	0.03939758	0.38680895	0.41710829	NA	
NA	ENSG00000251513	0.53268114	0.01350679	0.3834444	0.74602997	NA	LIX1-AS1
NA	ENSG00000251515	0	NA	NA	NA	NA	CCDC11P1
NA	ENSG00000251516	0	NA	NA	NA	NA	
NA	ENSG00000251517	2.33637501	-0.07699606	0.38798085	0.3303874	NA	
105374729	ENSG00000251518	0	NA	NA	NA	NA	LINC02110
NA	ENSG00000251520	1.97289226	-0.00896717	0.37733649	0.90370453	NA	
NA	ENSG00000251521	6.39738263	0.20849916	0.42763497	0.16531934	0.35535597	IMPA1P1
NA	ENSG00000251523	0	NA	NA	NA	NA	
NA	ENSG00000251525	0	NA	NA	NA	NA	TCP11X3P
NA	ENSG00000251526	0	NA	NA	NA	NA	LINC02435
NA	ENSG00000251527	0	NA	NA	NA	NA	
NA	ENSG00000251529	0	NA	NA	NA	NA	
NA	ENSG00000251532	0	NA	NA	NA	NA	
100131366	ENSG00000251533	0	NA	NA	NA	NA	LINC00605

NA	ENSG00000251535	4.38684712	0.01264429	0.36393716	0.91771988	0.9652015	
NA	ENSG00000251536	0	NA	NA	NA	NA	
NA	ENSG00000251537	4.16442792	0.12503984	0.39864576	0.24025449	0.45820056	
101927379	ENSG00000251538	0	NA	NA	NA	NA	LINC02201
NA	ENSG00000251539	1.16961767	-0.00801957	0.3794509	0.90057486	NA	SNX18P24
101927059	ENSG00000251542	0	NA	NA	NA	NA	LINC01957
NA	ENSG00000251543	0	NA	NA	NA	NA	LINC02230
NA	ENSG00000251544	0	NA	NA	NA	NA	MTND5P12
NA	ENSG00000251545	0	NA	NA	NA	NA	
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NA	ENSG00000251548	0	NA	NA	NA	NA	
NA	ENSG00000251549	0	NA	NA	NA	NA	
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NA	ENSG00000251552	0	NA	NA	NA	NA	COQ10BP2
NA	ENSG00000251553	0	NA	NA	NA	NA	DDX18P4
NA	ENSG00000251555	5.73217941	-0.04011313	0.36069523	0.75919154	0.88842516	
NA	ENSG00000251556	0	NA	NA	NA	NA	
399881	ENSG00000251557	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HNRNPKP3
378938	ENSG00000251562	4041.81836	0.63688832	0.10695805	8.80E-10	1.53E-08	MALAT1
NA	ENSG00000251563	0	NA	NA	NA	NA	IARS2P1
NA	ENSG00000251566	0	NA	NA	NA	NA	HMGB1P35
NA	ENSG00000251567	0.69004527	0.02728095	0.38373139	0.5701726	NA	
NA	ENSG00000251568	0	NA	NA	NA	NA	ALG3P1
NA	ENSG00000251569	5.65311797	-0.01417742	0.36604591	0.89893423	0.95556135	
NA	ENSG00000251571	0	NA	NA	NA	NA	DDX3P3
NA	ENSG00000251572	0	NA	NA	NA	NA	
100287592	ENSG00000251573	31.366521	-0.02205595	0.28390512	0.9067713	0.95943377	LINC02106
105379109	ENSG00000251574	0.18922458	0.01954053	0.38488496	0.78225479	NA	
100506526	ENSG00000251575	0	NA	NA	NA	NA	C5orf64-AS1
101927565	ENSG00000251576	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC01267
NA	ENSG00000251577	0	NA	NA	NA	NA	
NA	ENSG00000251578	0	NA	NA	NA	NA	TRBV21-1
NA	ENSG00000251579	0	NA	NA	NA	NA	
NA	ENSG00000251580	20.9556644	0.00383757	0.30707713	0.98534074	0.99476696	LINC02482
NA	ENSG00000251583	1.97698779	-0.06967549	0.38488956	0.40032666	NA	MFFP2
NA	ENSG00000251584	0	NA	NA	NA	NA	
NA	ENSG00000251585	0	NA	NA	NA	NA	
NA	ENSG00000251586	0.16735865	0.01897177	0.38482933	0.78225479	NA	TET2-AS1

NA	ENSG00000251587	0	NA	NA	NA	NA	LDHAP1
NA	ENSG00000251588	0	NA	NA	NA	NA	
NA	ENSG00000251590	0	NA	NA	NA	NA	NIFKP7
NA	ENSG00000251591	0	NA	NA	NA	NA	
NA	ENSG00000251593	0	NA	NA	NA	NA	MSNP1
79963	ENSG00000251595	100.861464	-0.04471326	0.20121713	0.79315552	0.9054599	ABCA11P
NA	ENSG00000251596	3.05151503	0.03734061	0.37264619	0.71557154	0.86274919	HADHAP1
NA	ENSG00000251597	0	NA	NA	NA	NA	RPL37P25
NA	ENSG00000251598	0	NA	NA	NA	NA	
105379030	ENSG00000251599	0	NA	NA	NA	NA	
101927636	ENSG00000251600	23.040882	0.112716	0.33967768	0.52865739	0.74035171	
NA	ENSG00000251601	0	NA	NA	NA	NA	
100507437	ENSG00000251602	87.4318902	-0.05829483	0.21525369	0.7448041	0.87988222	
NA	ENSG00000251604	0	NA	NA	NA	NA	LINC01385
NA	ENSG00000251605	0	NA	NA	NA	NA	
26530	ENSG00000251608	0	NA	NA	NA	NA	OR12D1
NA	ENSG00000251609	0.173124	-0.01911262	0.38486262	0.84537521	NA	SETP12
NA	ENSG00000251610	0	NA	NA	NA	NA	
NA	ENSG00000251611	0.5340022	0.03203103	0.38614445	0.46447744	NA	FAM160A1-DT
NA	ENSG00000251613	1.23277136	-0.02310696	0.38221595	0.54605853	NA	
NA	ENSG00000251614	0.49595885	0.01220596	0.38344192	0.77082667	NA	HSPA8P19
NA	ENSG00000251615	8.2489496	0.04439219	0.3526155	0.76445967	0.89148768	
NA	ENSG00000251616	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000251618	0	NA	NA	NA	NA	
105377610	ENSG00000251619	0	NA	NA	NA	NA	LINC02508
101410545	ENSG00000251620	0	NA	NA	NA	NA	STPG2-AS1
NA	ENSG00000251621	0	NA	NA	NA	NA	
202134	ENSG00000251623	0	NA	NA	NA	NA	
NA	ENSG00000251624	0	NA	NA	NA	NA	UNC93B7
NA	ENSG00000251627	0	NA	NA	NA	NA	
105374676	ENSG00000251629	11.7656376	-0.0173193	0.33564596	0.91424773	0.96378282	LINC02241
NA	ENSG00000251630	0	NA	NA	NA	NA	
105377443	ENSG00000251632	0	NA	NA	NA	NA	LINC02172
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NA	ENSG00000251634	170.954824	0.22876528	0.20253567	0.18661684	0.38635899	NAIPP4
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NA	ENSG00000251660	3.42257333	0.12022638	0.39564643	0.26485639	0.48706137	
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NA	ENSG00000251667	6.00123572	-0.07270059	0.363968	0.59617389	0.78832911	BRCC3P1
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NA	ENSG00000251675	0.674422	0.00223266	0.38187608	0.96141271	NA	
101927305	ENSG00000251676	0.57331226	0.04150036	0.38706409	0.39290298	NA	SNHG27
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NA	ENSG00000253063	0	NA	NA	NA	NA	RNU6-494P
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NA	ENSG00000253065	0	NA	NA	NA	NA	
NA	ENSG00000253066	0	NA	NA	NA	NA	RNU6-709P
NA	ENSG00000253067	0	NA	NA	NA	NA	
NA	ENSG00000253070	0	NA	NA	NA	NA	RNU6-794P

NA	ENSG00000253072	0	NA	NA	NA	NA	
NA	ENSG00000253073	0	NA	NA	NA	NA	RN7SKP295
NA	ENSG00000253074	0	NA	NA	NA	NA	RNU6-586P
NA	ENSG00000253075	0	NA	NA	NA	NA	RN7SKP92
NA	ENSG00000253077	0	NA	NA	NA	NA	RNA5SP169
NA	ENSG00000253078	0	NA	NA	NA	NA	RNU6-1116P
NA	ENSG00000253079	0	NA	NA	NA	NA	NRON
NA	ENSG00000253080	0	NA	NA	NA	NA	RNA5SP373
NA	ENSG00000253081	0	NA	NA	NA	NA	RNU4ATAC17P
NA	ENSG00000253083	0	NA	NA	NA	NA	RNA5SP106
NA	ENSG00000253084	0	NA	NA	NA	NA	RNU6-840P
NA	ENSG00000253085	0	NA	NA	NA	NA	
NA	ENSG00000253086	0	NA	NA	NA	NA	RNU6-537P
NA	ENSG00000253087	0	NA	NA	NA	NA	RNU6-1174P
NA	ENSG00000253088	0	NA	NA	NA	NA	
NA	ENSG00000253089	0	NA	NA	NA	NA	RNU1-104P
NA	ENSG00000253090	0	NA	NA	NA	NA	
NA	ENSG00000253092	0	NA	NA	NA	NA	
NA	ENSG00000253093	0	NA	NA	NA	NA	RNA5SP179
NA	ENSG00000253094	0	NA	NA	NA	NA	
NA	ENSG00000253096	0	NA	NA	NA	NA	
NA	ENSG00000253097	0	NA	NA	NA	NA	RNU2-19P
NA	ENSG00000253098	0	NA	NA	NA	NA	RNU7-161P
NA	ENSG00000253099	0	NA	NA	NA	NA	RNU2-60P
NA	ENSG00000253100	0	NA	NA	NA	NA	
NA	ENSG00000253102	12.9104157	-0.15198416	0.36316755	0.38564688	0.61480386	
101927487	ENSG00000253103	0	NA	NA	NA	NA	LINC01609
NA	ENSG00000253104	0	NA	NA	NA	NA	
NA	ENSG00000253105	0	NA	NA	NA	NA	
NA	ENSG00000253106	36.9449337	-0.47141056	0.37441323	0.05494042	0.16005939	
NA	ENSG00000253107	0	NA	NA	NA	NA	
NA	ENSG00000253108	0	NA	NA	NA	NA	
NA	ENSG00000253109	0	NA	NA	NA	NA	RPL12P22
NA	ENSG00000253110	0	NA	NA	NA	NA	
NA	ENSG00000253111	0	NA	NA	NA	NA	
NA	ENSG00000253112	0	NA	NA	NA	NA	
NA	ENSG00000253114	0	NA	NA	NA	NA	
NA	ENSG00000253115	0	NA	NA	NA	NA	

	NA	ENSG00000253116	0	NA	NA	NA	NA	
729330	NA	ENSG00000253117	0.14931947	-0.01844332	0.38480212	0.84537521	NA	OC90
	NA	ENSG00000253118	0	NA	NA	NA	NA	
	NA	ENSG00000253119	0	NA	NA	NA	NA	HNRNPA3P7
	NA	ENSG00000253120	0	NA	NA	NA	NA	IGLV2-34
	NA	ENSG00000253121	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
	NA	ENSG00000253122	0	NA	NA	NA	NA	
100507403	NA	ENSG00000253123	0	NA	NA	NA	NA	
	NA	ENSG00000253124	0	NA	NA	NA	NA	TRAPPC2P2
	NA	ENSG00000253125	0	NA	NA	NA	NA	
	NA	ENSG00000253126	0	NA	NA	NA	NA	IGLVI-56
	NA	ENSG00000253127	0	NA	NA	NA	NA	IGKV2D-36
	NA	ENSG00000253130	0	NA	NA	NA	NA	
	NA	ENSG00000253131	0	NA	NA	NA	NA	IGHV7-56
	NA	ENSG00000253132	0	NA	NA	NA	NA	IGHV3-62
	NA	ENSG00000253133	2.48773746	0.00236773	0.37140374	0.98219475	NA	
	NA	ENSG00000253134	0	NA	NA	NA	NA	
	NA	ENSG00000253135	0	NA	NA	NA	NA	
	NA	ENSG00000253137	0	NA	NA	NA	NA	PSMC2P2
100505659	NA	ENSG00000253138	0	NA	NA	NA	NA	LINC00967
	NA	ENSG00000253139	0	NA	NA	NA	NA	
	NA	ENSG00000253140	0	NA	NA	NA	NA	
	NA	ENSG00000253141	0	NA	NA	NA	NA	
	NA	ENSG00000253142	0	NA	NA	NA	NA	
	NA	ENSG00000253143	0	NA	NA	NA	NA	
	NA	ENSG00000253144	2.08479605	0.07640289	0.39520228	0.07476764	NA	
	NA	ENSG00000253146	0	NA	NA	NA	NA	CIR1P1
102467222	NA	ENSG00000253147	0	NA	NA	NA	NA	
431704	NA	ENSG00000253148	0	NA	NA	NA	NA	RGS21
	NA	ENSG00000253149	0	NA	NA	NA	NA	IGHVII-28-1
	NA	ENSG00000253152	0	NA	NA	NA	NA	IGLV3-17
	NA	ENSG00000253153	0	NA	NA	NA	NA	
	NA	ENSG00000253154	0	NA	NA	NA	NA	
	NA	ENSG00000253155	0	NA	NA	NA	NA	
	NA	ENSG00000253156	0	NA	NA	NA	NA	H2AZP7
	NA	ENSG00000253158	0	NA	NA	NA	NA	IGKV3-31
26025	NA	ENSG00000253159	7.09805574	0.05427954	0.35810968	0.7023931	0.85693514	PCDHGA12
	NA	ENSG00000253160	0	NA	NA	NA	NA	

NA	ENSG00000253161	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC01605
NA	ENSG00000253162	0	NA	NA	NA	NA	
NA	ENSG00000253163	0	NA	NA	NA	NA	
NA	ENSG00000253164	0	NA	NA	NA	NA	
101927798	ENSG00000253165	0	NA	NA	NA	NA	
NA	ENSG00000253166	0	NA	NA	NA	NA	
106479020	ENSG00000253167	3.10768961	0.04641923	0.37476634	0.64446789	0.822478	WASHC5-AS1
NA	ENSG00000253168	0	NA	NA	NA	NA	
NA	ENSG00000253169	0	NA	NA	NA	NA	IGHVII-65-1
NA	ENSG00000253170	0	NA	NA	NA	NA	
NA	ENSG00000253171	0	NA	NA	NA	NA	
NA	ENSG00000253172	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000253173	0	NA	NA	NA	NA	H2AZP2
NA	ENSG00000253174	7.1440965	0.134475	0.39476453	0.28767042	0.51339221	
NA	ENSG00000253175	0	NA	NA	NA	NA	
NA	ENSG00000253176	0	NA	NA	NA	NA	
101926956	ENSG00000253177	0	NA	NA	NA	NA	
NA	ENSG00000253178	0	NA	NA	NA	NA	
NA	ENSG00000253179	0	NA	NA	NA	NA	CALCP
NA	ENSG00000253180	2.18010096	-0.02456484	0.37409722	0.78826583	NA	
NA	ENSG00000253181	0	NA	NA	NA	NA	
NA	ENSG00000253182	0	NA	NA	NA	NA	
NA	ENSG00000253183	0	NA	NA	NA	NA	
NA	ENSG00000253184	0	NA	NA	NA	NA	
NA	ENSG00000253186	0	NA	NA	NA	NA	
100874323	ENSG00000253187	0	NA	NA	NA	NA	HOXA10-AS
NA	ENSG00000253188	0	NA	NA	NA	NA	TRBV6-7
NA	ENSG00000253189	0	NA	NA	NA	NA	
NA	ENSG00000253190	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000253191	0	NA	NA	NA	NA	IGKV1D-32
NA	ENSG00000253194	7.99427655	0.94767538	1.39810972	0.01426536	0.05539728	
NA	ENSG00000253195	0	NA	NA	NA	NA	
NA	ENSG00000253196	0	NA	NA	NA	NA	
NA	ENSG00000253197	0	NA	NA	NA	NA	
NA	ENSG00000253198	0	NA	NA	NA	NA	
286114	ENSG00000253199	0	NA	NA	NA	NA	LINC02153
NA	ENSG00000253200	185.008906	0.00169343	0.17393225	0.99253469	0.99756121	
NA	ENSG00000253202	0	NA	NA	NA	NA	IGKV3-25

NA	ENSG00000253203	152.108811	0.3878248	0.18641437	0.01836818	0.06786306	GUSBP3
NA	ENSG00000253204	0	NA	NA	NA	NA	
NA	ENSG00000253205	0	NA	NA	NA	NA	
NA	ENSG00000253206	0	NA	NA	NA	NA	
NA	ENSG00000253207	0	NA	NA	NA	NA	
NA	ENSG00000253208	0.33471731	0.02354391	0.38534154	0.62842204	NA	PSME2P5
NA	ENSG00000253209	0	NA	NA	NA	NA	IGHV3-65
NA	ENSG00000253210	28.7262309	-0.04365855	0.31816504	0.80696124	0.91256903	
NA	ENSG00000253213	2.39071448	-0.0412509	0.37696855	0.64421949	NA	USP12P1
NA	ENSG00000253214	0	NA	NA	NA	NA	
NA	ENSG00000253215	0	NA	NA	NA	NA	
NA	ENSG00000253216	0	NA	NA	NA	NA	
NA	ENSG00000253217	0	NA	NA	NA	NA	
NA	ENSG00000253218	0.78405649	-0.00772644	0.38155506	0.88154213	NA	KLF3P1
NA	ENSG00000253219	0	NA	NA	NA	NA	KRT18P41
NA	ENSG00000253220	0	NA	NA	NA	NA	
NA	ENSG00000253223	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000253224	0	NA	NA	NA	NA	PGAM5P1
NA	ENSG00000253225	0	NA	NA	NA	NA	
NA	ENSG00000253226	0	NA	NA	NA	NA	HAUS1P3
NA	ENSG00000253227	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000253228	0	NA	NA	NA	NA	NRBF2P4
NA	ENSG00000253229	0	NA	NA	NA	NA	HIGD1AP6
157627	ENSG00000253230	330.476497	-2.04721096	0.15111403	5.87E-43	4.80E-41	MIR124-1HG
NA	ENSG00000253231	0	NA	NA	NA	NA	COX6CP8
NA	ENSG00000253232	0	NA	NA	NA	NA	
NA	ENSG00000253233	0	NA	NA	NA	NA	
NA	ENSG00000253234	0	NA	NA	NA	NA	IGLV2-5
NA	ENSG00000253235	0	NA	NA	NA	NA	
NA	ENSG00000253236	0	NA	NA	NA	NA	LINC02143
NA	ENSG00000253237	0	NA	NA	NA	NA	
NA	ENSG00000253238	0	NA	NA	NA	NA	
NA	ENSG00000253239	0	NA	NA	NA	NA	IGLVI-70
NA	ENSG00000253240	0.18922458	0.01954053	0.38488496	0.78225479	NA	IGHV3-36
NA	ENSG00000253241	0	NA	NA	NA	NA	IGHV3-50
NA	ENSG00000253242	0	NA	NA	NA	NA	IGLVIV-64
NA	ENSG00000253244	0	NA	NA	NA	NA	
NA	ENSG00000253245	11.4968247	-0.18434689	0.37611366	0.30738234	0.53486671	MTND1P36

NA	ENSG00000253247	0	NA	NA	NA	NA	IGHV3-76
100127983	ENSG00000253250	166.811318	-0.0456536	0.16849355	0.76196789	0.89001685	C8orf88
112441434	ENSG00000253251	60.0966942	-0.15579643	0.2469335	0.41656883	0.64309452	SHLD3
NA	ENSG00000253252	1.48727861	-0.03292329	0.37934381	0.66038106	NA	
NA	ENSG00000253256	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000253257	0	NA	NA	NA	NA	MTND4P7
NA	ENSG00000253258	0	NA	NA	NA	NA	
NA	ENSG00000253259	0	NA	NA	NA	NA	
NA	ENSG00000253260	0	NA	NA	NA	NA	
NA	ENSG00000253261	0	NA	NA	NA	NA	
NA	ENSG00000253262	0	NA	NA	NA	NA	
NA	ENSG00000253263	2.60531852	-0.09457314	0.38924054	0.32186642	0.54956623	
NA	ENSG00000253265	0	NA	NA	NA	NA	IGKV2-14
NA	ENSG00000253266	0	NA	NA	NA	NA	
100507435	ENSG00000253267	0	NA	NA	NA	NA	DLGAP2-AS1
NA	ENSG00000253269	0	NA	NA	NA	NA	
NA	ENSG00000253270	0	NA	NA	NA	NA	
NA	ENSG00000253271	0	NA	NA	NA	NA	
NA	ENSG00000253273	0	NA	NA	NA	NA	
NA	ENSG00000253274	0	NA	NA	NA	NA	IGHV1-67
NA	ENSG00000253275	0	NA	NA	NA	NA	
168455	ENSG00000253276	867.516161	0.22942567	0.11984353	0.04359748	0.13393838	CCDC71L
NA	ENSG00000253278	0	NA	NA	NA	NA	IGKV2-10
286135	ENSG00000253279	0	NA	NA	NA	NA	LINC02209
NA	ENSG00000253280	0	NA	NA	NA	NA	
101929528	ENSG00000253281	0	NA	NA	NA	NA	
NA	ENSG00000253282	0	NA	NA	NA	NA	
NA	ENSG00000253283	0	NA	NA	NA	NA	
NA	ENSG00000253284	0	NA	NA	NA	NA	
NA	ENSG00000253286	0	NA	NA	NA	NA	
NA	ENSG00000253287	0	NA	NA	NA	NA	
NA	ENSG00000253288	0	NA	NA	NA	NA	
NA	ENSG00000253290	0	NA	NA	NA	NA	
NA	ENSG00000253291	0	NA	NA	NA	NA	TRBV7-7
NA	ENSG00000253292	0	NA	NA	NA	NA	MIOXP1
3206	ENSG00000253293	0	NA	NA	NA	NA	HOXA10
NA	ENSG00000253294	0	NA	NA	NA	NA	IGHVII-40-1
101928093	ENSG00000253295	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000253297	0	NA	NA	NA	NA	
285627	ENSG00000253298	0	NA	NA	NA	NA	LINC01845
NA	ENSG00000253299	0	NA	NA	NA	NA	UFM1P3
NA	ENSG00000253300	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000253301	0	NA	NA	NA	NA	LINC01606
100128126	ENSG00000253302	1.90643876	0.03167825	0.38108696	0.61233919	NA	STAU2-AS1
NA	ENSG00000253303	0	NA	NA	NA	NA	IGHVIII-82
399474	ENSG00000253304	9.92816429	0.2896403	0.47261313	0.11447302	0.27535702	TMEM200B
56100	ENSG00000253305	20.7770811	-0.21865884	0.35387537	0.28004857	0.5047371	PCDHGB6
NA	ENSG00000253307	0	NA	NA	NA	NA	
NA	ENSG00000253308	0	NA	NA	NA	NA	
647174	ENSG00000253309	3.42124882	0.03038903	0.36959685	0.78003673	0.89936692	SERPINE3
NA	ENSG00000253310	0	NA	NA	NA	NA	IGHVIII-76-1
101927766	ENSG00000253311	0	NA	NA	NA	NA	LINC01847
NA	ENSG00000253312	0	NA	NA	NA	NA	
149466	ENSG00000253313	0	NA	NA	NA	NA	C1orf210
497634	ENSG00000253314	0	NA	NA	NA	NA	LINC00293
105377682	ENSG00000253315	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01932
NA	ENSG00000253317	174.531683	-0.24880083	0.18286921	0.12164815	0.28819117	
NA	ENSG00000253318	0	NA	NA	NA	NA	TMCC1P1
NA	ENSG00000253319	0	NA	NA	NA	NA	
NA	ENSG00000253320	121.024775	0.32307112	0.20777623	0.06812172	0.18781025	MAILR
NA	ENSG00000253321	0	NA	NA	NA	NA	
NA	ENSG00000253322	0	NA	NA	NA	NA	
NA	ENSG00000253325	0.34697551	0.00058132	0.38336294	0.96295829	NA	IGHV7-34-1
NA	ENSG00000253326	1.33530394	0.00588779	0.3788363	0.93108931	NA	
644660	ENSG00000253327	6.74669724	-0.03740278	0.35511778	0.78940867	0.90431711	RAD21-AS1
NA	ENSG00000253328	0	NA	NA	NA	NA	SUMO2P19
NA	ENSG00000253329	0	NA	NA	NA	NA	IGLV3-30
NA	ENSG00000253330	1.37201368	0.00648724	0.3777242	0.92980679	NA	
NA	ENSG00000253331	0	NA	NA	NA	NA	
NA	ENSG00000253332	0	NA	NA	NA	NA	
NA	ENSG00000253333	0	NA	NA	NA	NA	
NA	ENSG00000253334	0.53837157	0.01392364	0.38346276	0.73855103	NA	
NA	ENSG00000253335	0	NA	NA	NA	NA	
NA	ENSG00000253336	1.19538736	0.02116347	0.37946773	0.75727105	NA	
NA	ENSG00000253338	0	NA	NA	NA	NA	IGLV3-29
NA	ENSG00000253339	0	NA	NA	NA	NA	

NA	ENSG00000253340	0	NA	NA	NA	NA	
NA	ENSG00000253341	0.37844916	0.02407552	0.3854191	0.60038877	NA	PCBP2P2
NA	ENSG00000253342	0	NA	NA	NA	NA	
NA	ENSG00000253343	0	NA	NA	NA	NA	
NA	ENSG00000253344	0	NA	NA	NA	NA	
NA	ENSG00000253345	0	NA	NA	NA	NA	IGHVII-22-1
NA	ENSG00000253346	0	NA	NA	NA	NA	
NA	ENSG00000253347	0.64905449	0.00254624	0.38248698	0.95117592	NA	
NA	ENSG00000253348	0	NA	NA	NA	NA	
NA	ENSG00000253349	0	NA	NA	NA	NA	COX6B1P6
619344	ENSG00000253351	0	NA	NA	NA	NA	LINC01298
NA	ENSG00000253352	6815.80491	-0.12478195	0.06029532	0.03578084	0.11531705	TUG1
NA	ENSG00000253354	0	NA	NA	NA	NA	
NA	ENSG00000253355	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000253356	0	NA	NA	NA	NA	
NA	ENSG00000253357	0	NA	NA	NA	NA	
NA	ENSG00000253358	0	NA	NA	NA	NA	
NA	ENSG00000253359	0.173124	-0.01911262	0.38486262	0.84537521	NA	IGHV3-37
NA	ENSG00000253361	0	NA	NA	NA	NA	
NA	ENSG00000253362	0	NA	NA	NA	NA	
NA	ENSG00000253363	0	NA	NA	NA	NA	
NA	ENSG00000253364	0	NA	NA	NA	NA	COPDA1
NA	ENSG00000253365	0	NA	NA	NA	NA	IGKV1D-22
NA	ENSG00000253366	16.7421859	2.14441352	0.8864739	0.00066535	0.00413424	GUSBP16
NA	ENSG00000253367	0	NA	NA	NA	NA	IGHVIII-25-1
388610	ENSG00000253368	38.7522685	-0.81412833	0.42938451	0.00668568	0.0297404	TRNP1
NA	ENSG00000253369	0.88133119	0.06366609	0.39104236	0.20783348	NA	
NA	ENSG00000253370	0	NA	NA	NA	NA	
NA	ENSG00000253372	0	NA	NA	NA	NA	
NA	ENSG00000253373	0	NA	NA	NA	NA	
NA	ENSG00000253374	0	NA	NA	NA	NA	
NA	ENSG00000253376	0	NA	NA	NA	NA	
NA	ENSG00000253377	0	NA	NA	NA	NA	
100507464	ENSG00000253380	0	NA	NA	NA	NA	
NA	ENSG00000253381	0	NA	NA	NA	NA	
NA	ENSG00000253382	0	NA	NA	NA	NA	POU5F1P2
NA	ENSG00000253383	0	NA	NA	NA	NA	
NA	ENSG00000253384	3.41895176	-0.01649084	0.36926912	0.87442231	0.94470892	

NA	ENSG00000253385	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000253386	0	NA	NA	NA	NA	IGHVII-49-1
NA	ENSG00000253387	0	NA	NA	NA	NA	IGHVIII-5-1
NA	ENSG00000253388	0	NA	NA	NA	NA	
NA	ENSG00000253389	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000253390	5.82550909	0.10651257	0.37633642	0.43404935	0.65928182	
NA	ENSG00000253391	0	NA	NA	NA	NA	
NA	ENSG00000253392	3.52179444	0.02338135	0.3676941	0.83732731	0.92616234	
NA	ENSG00000253393	0	NA	NA	NA	NA	RANP9
NA	ENSG00000253394	0	NA	NA	NA	NA	LINC00534
NA	ENSG00000253395	1.66229209	0.03974651	0.37822624	0.63705588	NA	
105379391	ENSG00000253396	0	NA	NA	NA	NA	
NA	ENSG00000253397	0	NA	NA	NA	NA	
NA	ENSG00000253398	0	NA	NA	NA	NA	
NA	ENSG00000253399	0.44965745	-0.02729594	0.38571276	0.56197804	NA	
NA	ENSG00000253400	0	NA	NA	NA	NA	
NA	ENSG00000253401	0	NA	NA	NA	NA	VTA1P2
NA	ENSG00000253403	0	NA	NA	NA	NA	
105379194	ENSG00000253404	0.89453006	0.0135747	0.38162355	0.79469792	NA	
101410536	ENSG00000253405	0	NA	NA	NA	NA	EVX1-AS
NA	ENSG00000253406	0.33820008	0.00201313	0.38337513	0.9692343	NA	
NA	ENSG00000253407	0	NA	NA	NA	NA	
NA	ENSG00000253408	0.16735865	0.01897177	0.38482933	0.78225479	NA	IKBKB-DT
NA	ENSG00000253409	0	NA	NA	NA	NA	TRBV7-4
NA	ENSG00000253410	0	NA	NA	NA	NA	
NA	ENSG00000253412	0	NA	NA	NA	NA	IGHVIII-13-1
NA	ENSG00000253413	0	NA	NA	NA	NA	
100507420	ENSG00000253414	6.26104362	-0.41556925	0.70170362	0.02719862	0.09298992	
NA	ENSG00000253415	0	NA	NA	NA	NA	
NA	ENSG00000253416	0	NA	NA	NA	NA	
285629	ENSG00000253417	0	NA	NA	NA	NA	LINC02159
NA	ENSG00000253418	0	NA	NA	NA	NA	SNX18P27
NA	ENSG00000253420	0	NA	NA	NA	NA	
NA	ENSG00000253421	0	NA	NA	NA	NA	ZNHIT1P1
NA	ENSG00000253422	0	NA	NA	NA	NA	
NA	ENSG00000253423	0	NA	NA	NA	NA	
NA	ENSG00000253424	0	NA	NA	NA	NA	
NA	ENSG00000253425	0.33471731	0.02354391	0.38534154	0.62842204	NA	HSPA8P13

NA	ENSG00000253427	0	NA	NA	NA	NA	
105377736	ENSG00000253428	0	NA	NA	NA	NA	LINC01942
NA	ENSG00000253429	0	NA	NA	NA	NA	
NA	ENSG00000253430	0	NA	NA	NA	NA	
NA	ENSG00000253431	0	NA	NA	NA	NA	SRPK2P
NA	ENSG00000253432	0	NA	NA	NA	NA	
552853	ENSG00000253433	0.51751422	-0.00947943	0.38322522	0.82410288	NA	
105375706	ENSG00000253434	0	NA	NA	NA	NA	LINC02237
NA	ENSG00000253435	0	NA	NA	NA	NA	IGKV2-4
NA	ENSG00000253437	0	NA	NA	NA	NA	RNU6-988P
100750225	ENSG00000253438	0.16735865	0.01897177	0.38482933	0.78225479	NA	PCAT1
NA	ENSG00000253439	0	NA	NA	NA	NA	CDC42P5
NA	ENSG00000253440	0.66016068	0.0016471	0.38190052	0.97099756	NA	IGHV3-33-2
NA	ENSG00000253441	0	NA	NA	NA	NA	IGHV3-25
NA	ENSG00000253444	0	NA	NA	NA	NA	
NA	ENSG00000253445	0	NA	NA	NA	NA	
NA	ENSG00000253447	1.89153372	-0.13235206	0.41301021	0.07845795	NA	
NA	ENSG00000253448	0	NA	NA	NA	NA	IGLV3-6
NA	ENSG00000253449	0	NA	NA	NA	NA	
NA	ENSG00000253451	0	NA	NA	NA	NA	IGLV2-28
NA	ENSG00000253452	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000253454	0	NA	NA	NA	NA	NDUFA5P2
NA	ENSG00000253455	0	NA	NA	NA	NA	
NA	ENSG00000253456	0	NA	NA	NA	NA	
100507341	ENSG00000253457	53.4754457	-0.41437545	0.30555136	0.06347089	0.17887414	SMIM18
NA	ENSG00000253458	0	NA	NA	NA	NA	IGHVII-15-1
NA	ENSG00000253460	0	NA	NA	NA	NA	IGKV2OR22-3
NA	ENSG00000253461	0	NA	NA	NA	NA	IGKV1-35
NA	ENSG00000253462	0	NA	NA	NA	NA	IGHVIII-26-1
NA	ENSG00000253463	1.01461516	0.02765406	0.38244201	0.61743813	NA	HMGB1P19
NA	ENSG00000253465	0.51177099	-0.00988796	0.38326626	0.82320372	NA	IGHVIV-44-1
NA	ENSG00000253467	0	NA	NA	NA	NA	IGHV7-40
NA	ENSG00000253468	0	NA	NA	NA	NA	
101927908	ENSG00000253469	0	NA	NA	NA	NA	
NA	ENSG00000253470	0	NA	NA	NA	NA	
NA	ENSG00000253471	0	NA	NA	NA	NA	
NA	ENSG00000253472	0	NA	NA	NA	NA	
NA	ENSG00000253474	0	NA	NA	NA	NA	

NA	ENSG00000253475	0	NA	NA	NA	NA	
NA	ENSG00000253476	4.57802477	-0.04047823	0.36804305	0.72488857	0.86844186	
NA	ENSG00000253477	22.7758259	-2.27747144	0.6311288	1.48E-05	0.00013614	
NA	ENSG00000253479	0	NA	NA	NA	NA	LINC01603
NA	ENSG00000253480	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000253481	0	NA	NA	NA	NA	IGKV1OR22-1
NA	ENSG00000253482	0	NA	NA	NA	NA	IGHVII-26-2
NA	ENSG00000253483	1.89436623	-0.07655527	0.38910625	0.29825366	NA	
NA	ENSG00000253484	0	NA	NA	NA	NA	
56110	ENSG00000253485	33.0794488	-0.3151153	0.34892374	0.15549001	0.34144125	PCDHGA5
NA	ENSG00000253487	0	NA	NA	NA	NA	IGKV2-36
NA	ENSG00000253488	0	NA	NA	NA	NA	SINHC AFP3
NA	ENSG00000253489	0	NA	NA	NA	NA	
101929450	ENSG00000253490	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02099
NA	ENSG00000253491	0	NA	NA	NA	NA	IGHVII-30-1
NA	ENSG00000253492	15.1615719	-7.77701294	2.72315356	2.86E-08	4.06E-07	CDH12P3
NA	ENSG00000253493	0	NA	NA	NA	NA	
NA	ENSG00000253495	0	NA	NA	NA	NA	CYCSP23
NA	ENSG00000253496	0	NA	NA	NA	NA	
NA	ENSG00000253497	0	NA	NA	NA	NA	IGKV1-13
NA	ENSG00000253499	0	NA	NA	NA	NA	
NA	ENSG00000253500	0	NA	NA	NA	NA	
NA	ENSG00000253501	0	NA	NA	NA	NA	IGKV3D-34
NA	ENSG00000253502	0	NA	NA	NA	NA	ATP6V1G1P2
NA	ENSG00000253503	0	NA	NA	NA	NA	
NA	ENSG00000253504	0	NA	NA	NA	NA	MTCYBP19
NA	ENSG00000253505	0	NA	NA	NA	NA	
342538	ENSG00000253506	0	NA	NA	NA	NA	NACA2
NA	ENSG00000253507	0	NA	NA	NA	NA	
NA	ENSG00000253508	0	NA	NA	NA	NA	
NA	ENSG00000253509	0	NA	NA	NA	NA	
NA	ENSG00000253510	0	NA	NA	NA	NA	
NA	ENSG00000253512	0	NA	NA	NA	NA	
105375744	ENSG00000253513	0	NA	NA	NA	NA	
NA	ENSG00000253515	0	NA	NA	NA	NA	
NA	ENSG00000253516	0.85650513	0.06107041	0.39051552	0.22071596	NA	HMGB1P41
NA	ENSG00000253517	0	NA	NA	NA	NA	XRCC6P4
NA	ENSG00000253519	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

NA	ENSG00000253520	0	NA	NA	NA	NA	
93668	ENSG00000253521	0.15069912	-0.01848503	0.38480575	0.84537521	NA	HPYR1
107075116	ENSG00000253522	0	NA	NA	NA	NA	MIR3142HG
NA	ENSG00000253523	0	NA	NA	NA	NA	
NA	ENSG00000253524	0	NA	NA	NA	NA	
NA	ENSG00000253525	0	NA	NA	NA	NA	CPP
NA	ENSG00000253526	0	NA	NA	NA	NA	
NA	ENSG00000253527	0	NA	NA	NA	NA	
NA	ENSG00000253528	0.49003462	-0.01098095	0.3829048	0.82363979	NA	
NA	ENSG00000253530	0	NA	NA	NA	NA	
NA	ENSG00000253532	0	NA	NA	NA	NA	
NA	ENSG00000253534	0	NA	NA	NA	NA	TRBV6-8
NA	ENSG00000253535	0.5767571	0.01689671	0.38362124	0.68105006	NA	
NA	ENSG00000253536	0	NA	NA	NA	NA	
56108	ENSG00000253537	553.339665	0.53922857	0.11133634	4.51E-07	5.42E-06	PCDHGA7
NA	ENSG00000253538	0	NA	NA	NA	NA	
NA	ENSG00000253539	0	NA	NA	NA	NA	
NA	ENSG00000253540	5.72765786	0.30322216	0.52513618	0.05609467	0.16266792	FAM86HP
NA	ENSG00000253541	0	NA	NA	NA	NA	SEPTIN10P1
442388	ENSG00000253542	0	NA	NA	NA	NA	SDR16C6P
NA	ENSG00000253543	0	NA	NA	NA	NA	
NA	ENSG00000253544	0	NA	NA	NA	NA	C1GALT1P3
NA	ENSG00000253545	0	NA	NA	NA	NA	IGHV3-52
NA	ENSG00000253546	0	NA	NA	NA	NA	IGLVVI-22-1
NA	ENSG00000253547	0	NA	NA	NA	NA	TUBAP7
152138	ENSG00000253548	0	NA	NA	NA	NA	PYDC2
NA	ENSG00000253549	0	NA	NA	NA	NA	CA3-AS1
NA	ENSG00000253550	0	NA	NA	NA	NA	
101929341	ENSG00000253551	0	NA	NA	NA	NA	
NA	ENSG00000253552	0	NA	NA	NA	NA	HOXA-AS2
NA	ENSG00000253553	33.6099281	0.7766953	0.48588608	0.01211269	0.04859773	
102724623	ENSG00000253554	5.02922718	0.22195517	0.45758703	0.08150696	0.21429626	LINC01414
NA	ENSG00000253555	0	NA	NA	NA	NA	TARDBPP4
NA	ENSG00000253556	0	NA	NA	NA	NA	MTCO1P4
NA	ENSG00000253557	0	NA	NA	NA	NA	
NA	ENSG00000253558	0.93889663	-0.01922087	0.38104426	0.74508998	NA	
NA	ENSG00000253559	7.37033267	-0.03704824	0.35376939	0.79438206	0.90579008	OSGEPL1-AS1
NA	ENSG00000253560	0	NA	NA	NA	NA	

NA	ENSG00000253561	0	NA	NA	NA	NA	
NA	ENSG00000253562	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100506237	ENSG00000253563	0	NA	NA	NA	NA	NKX2-1-AS1
NA	ENSG00000253564	0	NA	NA	NA	NA	
NA	ENSG00000253567	0.49080764	-0.01116502	0.38291327	0.82104242	NA	
NA	ENSG00000253568	0	NA	NA	NA	NA	
NA	ENSG00000253569	0	NA	NA	NA	NA	VENTXP5
NA	ENSG00000253570	0	NA	NA	NA	NA	RNF5P1
NA	ENSG00000253571	0	NA	NA	NA	NA	
NA	ENSG00000253572	0	NA	NA	NA	NA	
NA	ENSG00000253573	0	NA	NA	NA	NA	
NA	ENSG00000253574	0	NA	NA	NA	NA	
NA	ENSG00000253576	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000253577	0	NA	NA	NA	NA	
NA	ENSG00000253578	0	NA	NA	NA	NA	IGKV1-22
NA	ENSG00000253579	0	NA	NA	NA	NA	SUMO2P16
NA	ENSG00000253580	0	NA	NA	NA	NA	TRMT10BP1
NA	ENSG00000253581	0	NA	NA	NA	NA	
NA	ENSG00000253582	0	NA	NA	NA	NA	
NA	ENSG00000253583	0	NA	NA	NA	NA	
NA	ENSG00000253584	0	NA	NA	NA	NA	
NA	ENSG00000253585	0	NA	NA	NA	NA	
NA	ENSG00000253586	0	NA	NA	NA	NA	
NA	ENSG00000253587	0	NA	NA	NA	NA	IGHV3-30-2
NA	ENSG00000253590	0	NA	NA	NA	NA	IGLV3-13
105377716	ENSG00000253591	0.60279648	-0.02752712	0.38588313	0.49730371	NA	KCNIP1-AS1
NA	ENSG00000253592	0	NA	NA	NA	NA	IGKV2-38
101927822	ENSG00000253593	0	NA	NA	NA	NA	
731779	ENSG00000253595	0	NA	NA	NA	NA	LINC01300
NA	ENSG00000253596	2.1161803	-0.00228327	0.37426824	0.97782753	NA	
347051	ENSG00000253598	4.70581784	-0.04995668	0.36545588	0.68909583	0.8490152	SLC10A5
NA	ENSG00000253600	0	NA	NA	NA	NA	
NA	ENSG00000253602	0	NA	NA	NA	NA	RN7SL260P
105375847	ENSG00000253603	0.173124	-0.01911262	0.38486262	0.84537521	NA	CERNA3
NA	ENSG00000253604	0	NA	NA	NA	NA	
NA	ENSG00000253605	0.18922458	0.01954053	0.38488496	0.78225479	NA	HNRNPA1P38
NA	ENSG00000253606	0	NA	NA	NA	NA	AFG3L2P1
NA	ENSG00000253607	0	NA	NA	NA	NA	

101929268	ENSG00000253608	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000253610	0	NA	NA	NA	NA	
NA	ENSG00000253611	0	NA	NA	NA	NA	VN1R46P
NA	ENSG00000253612	0	NA	NA	NA	NA	WBP1LP3
NA	ENSG00000253613	0	NA	NA	NA	NA	
286177	ENSG00000253614	0	NA	NA	NA	NA	
NA	ENSG00000253615	0	NA	NA	NA	NA	
NA	ENSG00000253616	0	NA	NA	NA	NA	
NA	ENSG00000253617	0	NA	NA	NA	NA	
106144529	ENSG00000253618	0.70324131	0.00256706	0.38182157	0.95623055	NA	GRPEL2-AS1
NA	ENSG00000253619	0	NA	NA	NA	NA	
NA	ENSG00000253620	0	NA	NA	NA	NA	
NA	ENSG00000253621	0	NA	NA	NA	NA	RPSAP74
NA	ENSG00000253622	0	NA	NA	NA	NA	
NA	ENSG00000253623	0	NA	NA	NA	NA	
NA	ENSG00000253625	0	NA	NA	NA	NA	IGKV2-23
143244	ENSG00000253626	3.07678207	0.06865517	0.37877675	0.50392829	0.72045005	EIF5AL1
NA	ENSG00000253627	0	NA	NA	NA	NA	
NA	ENSG00000253628	0	NA	NA	NA	NA	
NA	ENSG00000253629	0	NA	NA	NA	NA	
NA	ENSG00000253630	0	NA	NA	NA	NA	
NA	ENSG00000253631	0	NA	NA	NA	NA	IGLV7-35
NA	ENSG00000253632	0.16735865	0.01897177	0.38482933	0.78225479	NA	
107986898	ENSG00000253633	12.0868379	0.28448033	0.4558083	0.13266691	0.30598688	
NA	ENSG00000253634	0	NA	NA	NA	NA	
NA	ENSG00000253635	0	NA	NA	NA	NA	IGHVIII-67-3
NA	ENSG00000253636	31.2325031	0.1752252	0.30410264	0.3870033	0.61602672	
NA	ENSG00000253637	0	NA	NA	NA	NA	IGLVV-58
NA	ENSG00000253638	0	NA	NA	NA	NA	
NA	ENSG00000253639	0	NA	NA	NA	NA	SUMO2P18
101929191	ENSG00000253641	13.3330869	0.21709985	0.38760327	0.25070937	0.47063996	
NA	ENSG00000253642	0	NA	NA	NA	NA	
101929315	ENSG00000253643	0	NA	NA	NA	NA	
NA	ENSG00000253644	0	NA	NA	NA	NA	LINC02845
NA	ENSG00000253645	1.49319474	-0.05783425	0.39048926	0.16515854	NA	
NA	ENSG00000253646	0	NA	NA	NA	NA	
101928033	ENSG00000253647	0	NA	NA	NA	NA	KCNIP1-OT1
NA	ENSG00000253648	0	NA	NA	NA	NA	

	NA	ENSG00000253649	3.02673624	0.00414237	0.36846902	0.97083766	0.98911805	PRSS51
	NA	ENSG00000253650	0	NA	NA	NA	NA	SMARCE1P4
	NA	ENSG00000253651	0	NA	NA	NA	NA	SOD1P3
	NA	ENSG00000253652	0	NA	NA	NA	NA	
	NA	ENSG00000253653	1.27358974	-0.01261536	0.38026834	0.8357067	NA	
	NA	ENSG00000253654	0	NA	NA	NA	NA	IDI1P2
	NA	ENSG00000253655	0	NA	NA	NA	NA	JCHAINP1
	NA	ENSG00000253656	0	NA	NA	NA	NA	
	NA	ENSG00000253657	0	NA	NA	NA	NA	
100505718	NA	ENSG00000253658	0	NA	NA	NA	NA	LINC01592
	NA	ENSG00000253659	10.3912469	-4.35854031	1.23629588	6.84E-05	0.00054447	
	NA	ENSG00000253660	0	NA	NA	NA	NA	
	NA	ENSG00000253661	31.5128912	0.38132046	0.40963549	0.10443692	0.25733091	ZFH4-AS1
	NA	ENSG00000253663	0	NA	NA	NA	NA	NPM1P52
	NA	ENSG00000253664	0.35697015	0.02381914	0.38538138	0.6138711	NA	
	NA	ENSG00000253665	0	NA	NA	NA	NA	LINC02866
	NA	ENSG00000253666	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000253667	5.80951935	0.06143584	0.36134065	0.65796355	0.83031782	
	NA	ENSG00000253668	0	NA	NA	NA	NA	
	NA	ENSG00000253669	15.2288522	0.15908851	0.35465839	0.38954396	0.61876783	GASAL1
	NA	ENSG00000253670	0	NA	NA	NA	NA	
101930275	NA	ENSG00000253671	0.90867904	0.06093877	0.39043602	0.21925615	NA	
	NA	ENSG00000253672	0	NA	NA	NA	NA	
	NA	ENSG00000253673	0	NA	NA	NA	NA	
	NA	ENSG00000253674	0	NA	NA	NA	NA	IGHVII-78-1
	NA	ENSG00000253675	0	NA	NA	NA	NA	
	NA	ENSG00000253676	0	NA	NA	NA	NA	TAGLN2P1
	NA	ENSG00000253677	0	NA	NA	NA	NA	UBE2HP1
	NA	ENSG00000253678	0.173124	-0.01911262	0.38486262	0.84537521	NA	
105375679	NA	ENSG00000253679	0	NA	NA	NA	NA	LINC02844
	NA	ENSG00000253680	0	NA	NA	NA	NA	
	NA	ENSG00000253681	0	NA	NA	NA	NA	
	NA	ENSG00000253682	0	NA	NA	NA	NA	
	NA	ENSG00000253683	0	NA	NA	NA	NA	
	NA	ENSG00000253684	0	NA	NA	NA	NA	BUD31P1
	NA	ENSG00000253685	0	NA	NA	NA	NA	MTND5P41
101928136	NA	ENSG00000253686	13.9810545	-0.3106422	0.44241674	0.13534732	0.30992327	LINC01484
	NA	ENSG00000253687	0	NA	NA	NA	NA	

	NA	ENSG00000253688	3.92303485	0.01231675	0.365252	0.91678846	0.96473338	
	NA	ENSG00000253690	0	NA	NA	NA	NA	
	NA	ENSG00000253691	0	NA	NA	NA	NA	IGKV2OR22-4
	NA	ENSG00000253692	0	NA	NA	NA	NA	IGHEP1
	NA	ENSG00000253693	0	NA	NA	NA	NA	
	NA	ENSG00000253695	1.01649132	0.00575305	0.38163643	0.9089078	NA	
104266957	NA	ENSG00000253696	2.01153102	-0.12490317	0.40855736	0.09007206	NA	KBTBD11-OT1
	NA	ENSG00000253697	0	NA	NA	NA	NA	
	NA	ENSG00000253698	0	NA	NA	NA	NA	
	NA	ENSG00000253699	0	NA	NA	NA	NA	
	NA	ENSG00000253702	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02847
	NA	ENSG00000253703	0	NA	NA	NA	NA	IGHV1-68
101926977	NA	ENSG00000253704	11.297908	0.1924596	0.39922487	0.2416327	0.45963497	
	NA	ENSG00000253706	4.37746028	-0.07909	0.3752152	0.49955924	0.71690059	
	NA	ENSG00000253707	0	NA	NA	NA	NA	
	NA	ENSG00000253708	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000253709	0	NA	NA	NA	NA	IGHV1-14
440138	NA	ENSG00000253710	1040.65841	-0.03453743	0.09077393	0.69404016	0.85201936	ALG11
	NA	ENSG00000253711	0.40845553	-0.01222004	0.38384283	0.8852752	NA	
	NA	ENSG00000253712	0	NA	NA	NA	NA	LINC02886
	NA	ENSG00000253713	0	NA	NA	NA	NA	
	NA	ENSG00000253714	0	NA	NA	NA	NA	IGHVII-53-1
	NA	ENSG00000253715	0	NA	NA	NA	NA	
100507316	NA	ENSG00000253716	93.8468722	0.15484698	0.2123723	0.38452196	0.61356176	MINCR
	NA	ENSG00000253717	0	NA	NA	NA	NA	
552889	NA	ENSG00000253719	4029.65497	0.03534761	0.054897	0.51560709	0.72995895	ATXN7L3B
	NA	ENSG00000253720	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000253721	0	NA	NA	NA	NA	SUMO2P20
	NA	ENSG00000253722	0	NA	NA	NA	NA	
	NA	ENSG00000253723	0	NA	NA	NA	NA	
	NA	ENSG00000253725	0	NA	NA	NA	NA	
101926908	NA	ENSG00000253726	0	NA	NA	NA	NA	
	NA	ENSG00000253728	0	NA	NA	NA	NA	
5591	NA	ENSG00000253729	11639.8647	-0.0724753	0.06924298	0.2871037	0.51288829	PRKDC
	NA	ENSG00000253730	3.02681216	-0.00913331	0.36930345	0.92861365	0.97011965	
56109	NA	ENSG00000253731	103.241493	0.01628026	0.2086497	0.92742663	0.96965347	PCDHGA6
	NA	ENSG00000253732	0	NA	NA	NA	NA	IGKV2-19
100874051	NA	ENSG00000253733	0	NA	NA	NA	NA	LZTS1-AS1

286184	ENSG00000253734	0.95433375	0.04692705	0.38622948	0.36095504	NA	LINC01289
NA	ENSG00000253735	0	NA	NA	NA	NA	
NA	ENSG00000253736	1.48372249	-0.07389889	0.39392695	0.12591138	NA	
NA	ENSG00000253737	0.55760761	0.01262028	0.38330092	0.73932164	NA	
NA	ENSG00000253738	449.424318	-0.19414876	0.11933778	0.08596985	0.2230472	OTUD6B-AS1
NA	ENSG00000253739	0	NA	NA	NA	NA	RNU6-323P
NA	ENSG00000253740	0	NA	NA	NA	NA	
100288181	ENSG00000253741	14.5160379	0.08742748	0.33828575	0.61724076	0.80396906	LNCOC1
NA	ENSG00000253742	0	NA	NA	NA	NA	IGHV3-60
NA	ENSG00000253743	0	NA	NA	NA	NA	MARK2P11
NA	ENSG00000253744	0.59987325	-0.03509239	0.3864882	0.44235124	NA	
NA	ENSG00000253745	0	NA	NA	NA	NA	
NA	ENSG00000253746	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000253747	0	NA	NA	NA	NA	IGHVII-62-1
NA	ENSG00000253748	0	NA	NA	NA	NA	CYP4F44P
NA	ENSG00000253749	0	NA	NA	NA	NA	
NA	ENSG00000253750	0	NA	NA	NA	NA	
NA	ENSG00000253752	0	NA	NA	NA	NA	IGLVI-63
NA	ENSG00000253754	0	NA	NA	NA	NA	
NA	ENSG00000253755	0	NA	NA	NA	NA	IGHGP
NA	ENSG00000253756	0	NA	NA	NA	NA	CARS1P2
NA	ENSG00000253759	0	NA	NA	NA	NA	IGHV3-57
NA	ENSG00000253760	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000253762	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000253763	0	NA	NA	NA	NA	IGHV3-6
101928058	ENSG00000253764	25.6458799	0.93390211	0.62602698	0.00913647	0.0384857	
NA	ENSG00000253765	0	NA	NA	NA	NA	IGKV2D-19
NA	ENSG00000253766	0.173733	0.01914545	0.38484597	0.78225479	NA	
9708	ENSG00000253767	20.7964429	-0.03993599	0.30777367	0.82842295	0.92220943	PCDHGA8
NA	ENSG00000253768	0	NA	NA	NA	NA	
NA	ENSG00000253770	0	NA	NA	NA	NA	HMGB1P23
NA	ENSG00000253771	1.74555105	0.06054798	0.3876539	0.24150487	NA	TPTE2P1
NA	ENSG00000253772	0.68229388	0.04060754	0.38717419	0.35751397	NA	
NA	ENSG00000253773	1.01528111	0.01624633	0.38139988	0.76892132	NA	C8orf37-AS1
NA	ENSG00000253774	0	NA	NA	NA	NA	
NA	ENSG00000253775	0	NA	NA	NA	NA	
NA	ENSG00000253776	0	NA	NA	NA	NA	
NA	ENSG00000253777	0	NA	NA	NA	NA	

	NA	ENSG00000253778	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000253779	0	NA	NA	NA	NA	IGLVVI-25-1
	NA	ENSG00000253780	0	NA	NA	NA	NA	IGHVIII-2-1
	NA	ENSG00000253781	0.16735865	0.01897177	0.38482933	0.78225479	NA	ZNF317P1
105375814	NA	ENSG00000253782	0	NA	NA	NA	NA	
	NA	ENSG00000253783	0	NA	NA	NA	NA	
	NA	ENSG00000253784	0	NA	NA	NA	NA	
	NA	ENSG00000253785	0.50915237	0.01002148	0.38324912	0.78521272	NA	
	NA	ENSG00000253786	0	NA	NA	NA	NA	IGLV3-15
102467655	NA	ENSG00000253787	0	NA	NA	NA	NA	LINC02219
	NA	ENSG00000253789	0	NA	NA	NA	NA	NARS1P2
	NA	ENSG00000253790	0	NA	NA	NA	NA	
	NA	ENSG00000253792	0	NA	NA	NA	NA	
	NA	ENSG00000253793	1.81594359	-0.00088225	0.37434222	0.99078271	NA	
	NA	ENSG00000253794	0	NA	NA	NA	NA	IGLV10-67
	NA	ENSG00000253795	0	NA	NA	NA	NA	MTND1P5
	NA	ENSG00000253796	3.05360545	-0.02413788	0.36913067	0.8213698	0.91847813	
9724	NA	ENSG00000253797	0	NA	NA	NA	NA	UTP14C
	NA	ENSG00000253798	0.173733	0.01914545	0.38484597	0.78225479	NA	
101937451	NA	ENSG00000253799	0	NA	NA	NA	NA	LINC01030
	NA	ENSG00000253800	0	NA	NA	NA	NA	
	NA	ENSG00000253801	0	NA	NA	NA	NA	
112543493	NA	ENSG00000253802	0	NA	NA	NA	NA	SIRLNT
	NA	ENSG00000253803	0	NA	NA	NA	NA	
	NA	ENSG00000253805	0	NA	NA	NA	NA	
	NA	ENSG00000253806	0	NA	NA	NA	NA	
	NA	ENSG00000253807	0.77123127	-0.0554079	0.38929192	0.28063913	NA	LINC01170
	NA	ENSG00000253808	0	NA	NA	NA	NA	IGHVII-46-1
	NA	ENSG00000253809	0	NA	NA	NA	NA	
	NA	ENSG00000253810	0	NA	NA	NA	NA	PSAT1P1
	NA	ENSG00000253811	0	NA	NA	NA	NA	
	NA	ENSG00000253813	0	NA	NA	NA	NA	COX6B1P4
	NA	ENSG00000253814	0	NA	NA	NA	NA	MRPS36P3
	NA	ENSG00000253816	326.277559	0.45017707	0.14113163	0.00062642	0.00393169	GUSBP14
	NA	ENSG00000253817	0	NA	NA	NA	NA	
	NA	ENSG00000253818	0	NA	NA	NA	NA	IGLV1-41
	NA	ENSG00000253819	0	NA	NA	NA	NA	LINC01151
	NA	ENSG00000253820	0	NA	NA	NA	NA	IGHVII-67-1

NA	ENSG00000253821	0	NA	NA	NA	NA	
NA	ENSG00000253822	0	NA	NA	NA	NA	IGLV3-24
NA	ENSG00000253823	0	NA	NA	NA	NA	IGLV1-62
NA	ENSG00000253824	0	NA	NA	NA	NA	
NA	ENSG00000253825	0	NA	NA	NA	NA	
NA	ENSG00000253826	0	NA	NA	NA	NA	WBP1LP10
NA	ENSG00000253828	0	NA	NA	NA	NA	MTND2P38
NA	ENSG00000253829	0.73304346	0.02759625	0.38363607	0.54843736	NA	
440695	ENSG00000253831	0	NA	NA	NA	NA	ETV3L
NA	ENSG00000253832	0.47051628	-0.00729002	0.38322981	0.8672032	NA	
NA	ENSG00000253833	0.31848082	0.00140881	0.38336888	0.96358049	NA	DSTNP3
NA	ENSG00000253834	0	NA	NA	NA	NA	
NA	ENSG00000253836	0	NA	NA	NA	NA	
100507156	ENSG00000253837	13.2180467	-0.08104135	0.33747337	0.63839136	0.81803815	
NA	ENSG00000253838	0	NA	NA	NA	NA	
NA	ENSG00000253840	0	NA	NA	NA	NA	
NA	ENSG00000253841	0	NA	NA	NA	NA	
NA	ENSG00000253842	0	NA	NA	NA	NA	
NA	ENSG00000253843	0	NA	NA	NA	NA	
NA	ENSG00000253844	0.36303898	0.02389536	0.3853925	0.60992479	NA	
NA	ENSG00000253845	0	NA	NA	NA	NA	
56106	ENSG00000253846	36.511762	0.11316249	0.28093713	0.56604074	0.76788022	PCDHGA10
NA	ENSG00000253848	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000253849	0	NA	NA	NA	NA	
NA	ENSG00000253851	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000253852	0	NA	NA	NA	NA	
NA	ENSG00000253853	0	NA	NA	NA	NA	
NA	ENSG00000253854	38.4580021	-0.05821068	0.27082873	0.76197927	0.89001685	
NA	ENSG00000253855	0	NA	NA	NA	NA	
NA	ENSG00000253857	0	NA	NA	NA	NA	
NA	ENSG00000253858	0	NA	NA	NA	NA	
NA	ENSG00000253859	0	NA	NA	NA	NA	
NA	ENSG00000253860	0	NA	NA	NA	NA	IGKV3-34
NA	ENSG00000253861	85.4671967	0.07152665	0.38514817	0.40622639	0.63450886	SLC2A3P1
NA	ENSG00000253862	0	NA	NA	NA	NA	IGHVIII-47-1
NA	ENSG00000253865	1.49799775	0.04931064	0.38188245	0.51642843	NA	
NA	ENSG00000253866	0	NA	NA	NA	NA	TMEM97P2
157376	ENSG00000253868	0.37844916	0.02407552	0.3854191	0.60038877	NA	FER1L6-AS2

NA	ENSG00000253869	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PIGFP1
NA	ENSG00000253870	0	NA	NA	NA	NA	IGKV1-32
101929488	ENSG00000253871	0	NA	NA	NA	NA	
NA	ENSG00000253872	0	NA	NA	NA	NA	
56105	ENSG00000253873	9.80733017	0.06196533	0.35309525	0.68507254	0.84671809	PCDHGA11
NA	ENSG00000253874	0	NA	NA	NA	NA	IGLVIV-66-1
NA	ENSG00000253875	3.55805123	0.14603113	0.40533221	0.21145197	0.42065649	
101927459	ENSG00000253877	4.19016983	0.01188357	0.36595181	0.91807475	0.9653411	LINC01608
NA	ENSG00000253878	19.623317	0.01513497	0.30746352	0.93669035	0.97351594	
NA	ENSG00000253879	0	NA	NA	NA	NA	
NA	ENSG00000253880	0	NA	NA	NA	NA	
NA	ENSG00000253881	0	NA	NA	NA	NA	
154761	ENSG00000253882	7.57296133	0.17036131	0.41072125	0.19857745	0.40288134	
NA	ENSG00000253883	0	NA	NA	NA	NA	IGHV3-19
NA	ENSG00000253884	0	NA	NA	NA	NA	
NA	ENSG00000253885	0	NA	NA	NA	NA	ARF1P3
NA	ENSG00000253886	2.15959488	-0.06516951	0.38515109	0.3964039	NA	
NA	ENSG00000253887	0.34044482	-6.59E-05	0.38336214	0.9658778	NA	
NA	ENSG00000253888	0	NA	NA	NA	NA	
NA	ENSG00000253889	0	NA	NA	NA	NA	IGLVI-38
NA	ENSG00000253891	0	NA	NA	NA	NA	
NA	ENSG00000253892	0	NA	NA	NA	NA	
NA	ENSG00000253893	6.87717378	0.21410946	0.4328288	0.15338159	0.33827155	FAM85B
102724612	ENSG00000253894	0	NA	NA	NA	NA	
NA	ENSG00000253895	0	NA	NA	NA	NA	IGHVII-44-2
NA	ENSG00000253896	0	NA	NA	NA	NA	
NA	ENSG00000253897	0	NA	NA	NA	NA	
103352670	ENSG00000253898	0.68318671	0.00503933	0.3813173	0.92191908	NA	LINC01419
NA	ENSG00000253899	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000253900	0	NA	NA	NA	NA	CDH12P4
NA	ENSG00000253901	0	NA	NA	NA	NA	
NA	ENSG00000253903	0	NA	NA	NA	NA	
NA	ENSG00000253906	0	NA	NA	NA	NA	IGKV2D-10
NA	ENSG00000253907	0	NA	NA	NA	NA	
NA	ENSG00000253908	1.5211943	0.00257717	0.37711118	0.97368801	NA	
56103	ENSG00000253910	108.9444	0.20827073	0.21186032	0.24284037	0.4611137	PCDHGB2
NA	ENSG00000253911	0	NA	NA	NA	NA	
NA	ENSG00000253912	0	NA	NA	NA	NA	

NA	ENSG00000253913	0	NA	NA	NA	NA	IGLV3-26
NA	ENSG00000253915	0.173124	-0.01911262	0.38486262	0.84537521	NA	MAPRE1P1
NA	ENSG00000253916	0	NA	NA	NA	NA	MTCO1P49
NA	ENSG00000253917	1.3427241	0.00360832	0.37985998	0.95399026	NA	
NA	ENSG00000253919	2.9583727	-0.02990717	0.37113088	0.77112272	0.8951015	THAP12P7
NA	ENSG00000253920	0	NA	NA	NA	NA	IGLV3-31
NA	ENSG00000253921	0	NA	NA	NA	NA	
NA	ENSG00000253923	0.46567683	-0.00789902	0.38327426	0.86306163	NA	
NA	ENSG00000253924	0	NA	NA	NA	NA	
NA	ENSG00000253925	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000253926	0	NA	NA	NA	NA	
NA	ENSG00000253927	0	NA	NA	NA	NA	
NA	ENSG00000253930	4.66681109	0.10845	0.38532067	0.36370421	0.59354103	TNFRSF10A-AS1
NA	ENSG00000253931	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000253932	0	NA	NA	NA	NA	
NA	ENSG00000253934	0	NA	NA	NA	NA	MRPL49P2
NA	ENSG00000253935	0	NA	NA	NA	NA	IGLVIV-53
NA	ENSG00000253936	0	NA	NA	NA	NA	IGHV3-63
NA	ENSG00000253937	0	NA	NA	NA	NA	NATP
NA	ENSG00000253939	0	NA	NA	NA	NA	
NA	ENSG00000253940	0	NA	NA	NA	NA	
NA	ENSG00000253941	0	NA	NA	NA	NA	IGHVII-51-2
NA	ENSG00000253942	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000253943	0	NA	NA	NA	NA	KRT18P37
NA	ENSG00000253944	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000253945	0	NA	NA	NA	NA	
NA	ENSG00000253946	0	NA	NA	NA	NA	
NA	ENSG00000253947	0	NA	NA	NA	NA	
NA	ENSG00000253948	24.9366827	0.2504626	0.34658381	0.23621488	0.4530211	VPS13B-DT
NA	ENSG00000253949	0	NA	NA	NA	NA	
NA	ENSG00000253951	0	NA	NA	NA	NA	CCT3P1
NA	ENSG00000253952	0.173733	0.01914545	0.38484597	0.78225479	NA	HIGD1AP18
8641	ENSG00000253953	47.2667021	-0.36443818	0.31921836	0.10219892	0.25341857	PCDHGB4
NA	ENSG00000253954	0	NA	NA	NA	NA	HMGNI1P38
285593	ENSG00000253955	4.73354619	0.06048814	0.36816247	0.62754911	0.81099169	
NA	ENSG00000253956	0	NA	NA	NA	NA	
NA	ENSG00000253957	0	NA	NA	NA	NA	IGHV3-22
137075	ENSG00000253958	21.582494	0.11983467	0.32768981	0.52562701	0.73806584	CLDN23

NA	ENSG00000253959	0	NA	NA	NA	NA	LINC01863
NA	ENSG00000253960	0	NA	NA	NA	NA	
NA	ENSG00000253961	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000253963	0	NA	NA	NA	NA	IGLV3-2
NA	ENSG00000253964	0	NA	NA	NA	NA	RPL31P40
NA	ENSG00000253965	0.5328344	0.01352393	0.38344538	0.74577103	NA	
NA	ENSG00000253966	1.46713727	0.03514816	0.38212879	0.57873853	NA	
101926892	ENSG00000253967	0	NA	NA	NA	NA	
NA	ENSG00000253968	0	NA	NA	NA	NA	
NA	ENSG00000253970	0	NA	NA	NA	NA	MTND2P7
NA	ENSG00000253971	0	NA	NA	NA	NA	CDC42P3
105375726	ENSG00000253972	0	NA	NA	NA	NA	MAL2-AS1
NA	ENSG00000253973	23.2918651	0.59904238	0.64274798	0.03212423	0.10588625	
100856811	ENSG00000253974	0	NA	NA	NA	NA	NRG1-IT1
NA	ENSG00000253975	0	NA	NA	NA	NA	
NA	ENSG00000253976	0	NA	NA	NA	NA	
NA	ENSG00000253977	0	NA	NA	NA	NA	MTCO2P4
101927862	ENSG00000253978	10.0181073	0.48836472	0.67297991	0.04483173	0.13667203	
NA	ENSG00000253979	0	NA	NA	NA	NA	
NA	ENSG00000253980	0	NA	NA	NA	NA	
NA	ENSG00000253981	1.48203136	-0.03055339	0.37907679	0.68279189	NA	ALG1L13P
NA	ENSG00000253982	170.084219	0.10831576	0.16733945	0.47281181	0.69485824	
NA	ENSG00000253983	0	NA	NA	NA	NA	
NA	ENSG00000253985	0	NA	NA	NA	NA	
NA	ENSG00000253986	0	NA	NA	NA	NA	
NA	ENSG00000253988	0	NA	NA	NA	NA	
NA	ENSG00000253989	5.9436942	-0.1329786	0.38860063	0.32254201	0.55014042	IGHVIII-38-1
NA	ENSG00000253991	0	NA	NA	NA	NA	
NA	ENSG00000253992	0	NA	NA	NA	NA	
NA	ENSG00000253993	0	NA	NA	NA	NA	
NA	ENSG00000253994	0	NA	NA	NA	NA	NDUFB9P3
NA	ENSG00000253995	0	NA	NA	NA	NA	RPL10P18
NA	ENSG00000253997	0	NA	NA	NA	NA	
NA	ENSG00000253998	0	NA	NA	NA	NA	IGKV2-29
NA	ENSG00000253999	0	NA	NA	NA	NA	IGKV3D-31
NA	ENSG00000254000	0	NA	NA	NA	NA	
NA	ENSG00000254001	0	NA	NA	NA	NA	
NA	ENSG00000254002	0	NA	NA	NA	NA	

102723885	ENSG00000254003	1.98629095	0.05877129	0.38228504	0.47805356	NA	SRI-AS1
339324	ENSG00000254004	882.508121	0.07142417	0.12433062	0.54458857	0.75235966	ZNF260
NA	ENSG00000254006	0	NA	NA	NA	NA	
NA	ENSG00000254007	0	NA	NA	NA	NA	
619434	ENSG00000254008	0.3386657	0.00224902	0.38337845	0.96698496	NA	LINC00051
NA	ENSG00000254009	0	NA	NA	NA	NA	IGKV2D-38
NA	ENSG00000254011	0	NA	NA	NA	NA	
NA	ENSG00000254012	0	NA	NA	NA	NA	RPL10P8
NA	ENSG00000254013	0	NA	NA	NA	NA	MAP2K1P1
NA	ENSG00000254014	0	NA	NA	NA	NA	
NA	ENSG00000254015	0	NA	NA	NA	NA	MTND4LP26
NA	ENSG00000254016	0	NA	NA	NA	NA	ALG1L10P
NA	ENSG00000254017	0.68663394	0.02655722	0.38364434	0.5780238	NA	IGHEP2
105375787	ENSG00000254019	0	NA	NA	NA	NA	
NA	ENSG00000254020	0	NA	NA	NA	NA	
NA	ENSG00000254021	0	NA	NA	NA	NA	
NA	ENSG00000254023	0	NA	NA	NA	NA	PKMP4
NA	ENSG00000254024	0	NA	NA	NA	NA	
NA	ENSG00000254025	0	NA	NA	NA	NA	BRIX1P1
NA	ENSG00000254026	0	NA	NA	NA	NA	
NA	ENSG00000254027	16.653708	-0.14449978	0.33947383	0.44172369	0.66660059	
NA	ENSG00000254028	0.69581776	0.01985679	0.3835301	0.62174862	NA	
NA	ENSG00000254029	0	NA	NA	NA	NA	IGLC4
NA	ENSG00000254030	0	NA	NA	NA	NA	IGLC5
NA	ENSG00000254031	0	NA	NA	NA	NA	
NA	ENSG00000254033	0	NA	NA	NA	NA	
NA	ENSG00000254034	6.03657849	-0.1364341	0.38922296	0.31339277	0.54126787	INTS9-AS1
NA	ENSG00000254035	4.17774042	0.11568778	0.38988727	0.31991401	0.54754089	
NA	ENSG00000254036	0	NA	NA	NA	NA	IGHVIII-67-2
NA	ENSG00000254037	0	NA	NA	NA	NA	
NA	ENSG00000254038	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000254039	0	NA	NA	NA	NA	
NA	ENSG00000254040	0	NA	NA	NA	NA	
NA	ENSG00000254041	0	NA	NA	NA	NA	
NA	ENSG00000254042	31.2987385	0.16864222	0.31131417	0.40252825	0.63061911	SLIT3-AS2
NA	ENSG00000254043	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000254044	0.3717644	0.02395611	0.38540205	0.6056392	NA	
NA	ENSG00000254045	0	NA	NA	NA	NA	IGHVIII-22-2

NA	ENSG00000254046	0	NA	NA	NA	NA	IGHV1-17
NA	ENSG00000254047	0	NA	NA	NA	NA	
NA	ENSG00000254048	0	NA	NA	NA	NA	
100874286	ENSG00000254049	0	NA	NA	NA	NA	NRG1-IT3
NA	ENSG00000254050	0	NA	NA	NA	NA	
NA	ENSG00000254051	0	NA	NA	NA	NA	
NA	ENSG00000254052	0	NA	NA	NA	NA	IGHVIII-67-4
NA	ENSG00000254053	0	NA	NA	NA	NA	IGHVIII-5-2
NA	ENSG00000254054	0	NA	NA	NA	NA	
105375851	ENSG00000254055	0	NA	NA	NA	NA	
NA	ENSG00000254056	0	NA	NA	NA	NA	IGHV3-71
NA	ENSG00000254057	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000254060	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000254061	0	NA	NA	NA	NA	
NA	ENSG00000254063	0	NA	NA	NA	NA	DUXAP2
100507071	ENSG00000254064	14.0631995	-0.14054675	0.35019824	0.4361424	0.6612819	
NA	ENSG00000254065	0	NA	NA	NA	NA	
NA	ENSG00000254066	0	NA	NA	NA	NA	LINC01938
NA	ENSG00000254067	0	NA	NA	NA	NA	
NA	ENSG00000254069	0	NA	NA	NA	NA	
NA	ENSG00000254070	0	NA	NA	NA	NA	
NA	ENSG00000254073	0	NA	NA	NA	NA	IGLVVII-41-1
NA	ENSG00000254075	0	NA	NA	NA	NA	IGLVV-66
NA	ENSG00000254076	0	NA	NA	NA	NA	
NA	ENSG00000254077	0	NA	NA	NA	NA	IGLV3-7
NA	ENSG00000254079	0	NA	NA	NA	NA	SRSF3P2
NA	ENSG00000254080	0	NA	NA	NA	NA	
NA	ENSG00000254081	0	NA	NA	NA	NA	LINC01299
286094	ENSG00000254083	0	NA	NA	NA	NA	LINC01591
NA	ENSG00000254084	0	NA	NA	NA	NA	
NA	ENSG00000254086	0	NA	NA	NA	NA	
4067	ENSG00000254087	2292.75261	-0.11764794	0.087187	0.16520336	0.35517682	LYN
NA	ENSG00000254088	0.51424321	0.01252107	0.38289489	0.75930758	NA	SLC2A3P4
NA	ENSG00000254089	0	NA	NA	NA	NA	
NA	ENSG00000254090	0	NA	NA	NA	NA	MTND2P32
NA	ENSG00000254091	0.47340295	-0.03506689	0.38628551	0.49583185	NA	
NA	ENSG00000254092	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
54984	ENSG00000254093	189.99721	-0.01234145	0.17462832	0.93591289	0.97325384	PINX1

NA	ENSG00000254094	1.17955945	-0.02963552	0.38124998	0.63887636	NA	
NA	ENSG00000254095	0	NA	NA	NA	NA	
NA	ENSG00000254097	0	NA	NA	NA	NA	IGKV3D-25
NA	ENSG00000254098	0	NA	NA	NA	NA	IGKV2-26
NA	ENSG00000254099	0	NA	NA	NA	NA	
107986980	ENSG00000254101	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02055
401463	ENSG00000254102	0.36554114	-0.0028033	0.38338865	0.99777826	NA	
NA	ENSG00000254103	0	NA	NA	NA	NA	PPIAP85
NA	ENSG00000254104	0	NA	NA	NA	NA	
NA	ENSG00000254105	0	NA	NA	NA	NA	VENTXP6
NA	ENSG00000254106	0	NA	NA	NA	NA	LINC01848
100128750	ENSG00000254109	2.71944646	0.03187487	0.37406106	0.74049669	0.87742184	RBPMS-AS1
NA	ENSG00000254111	0	NA	NA	NA	NA	
NA	ENSG00000254112	0	NA	NA	NA	NA	
NA	ENSG00000254113	0	NA	NA	NA	NA	
NA	ENSG00000254114	0	NA	NA	NA	NA	HMGNI1P28
NA	ENSG00000254115	0	NA	NA	NA	NA	
NA	ENSG00000254118	0	NA	NA	NA	NA	MTCYBP20
NA	ENSG00000254119	0	NA	NA	NA	NA	LINC02842
111082988	ENSG00000254120	0	NA	NA	NA	NA	LINC02155
56099	ENSG00000254122	540.26456	1.13166753	0.13503039	6.05E-18	1.99E-16	PCDHGB7
105375929	ENSG00000254123	0	NA	NA	NA	NA	LINC02839
NA	ENSG00000254124	0	NA	NA	NA	NA	EEF1A1P37
927	ENSG00000254126	0	NA	NA	NA	NA	CD8B2
NA	ENSG00000254127	0.173124	-0.01911262	0.38486262	0.84537521	NA	IGLCOR22-1
NA	ENSG00000254129	0	NA	NA	NA	NA	
102557615	ENSG00000254130	0	NA	NA	NA	NA	LINC01947
NA	ENSG00000254131	0.60098368	-0.03514327	0.38649398	0.4416435	NA	
NA	ENSG00000254132	0	NA	NA	NA	NA	MTND6P3
NA	ENSG00000254134	0	NA	NA	NA	NA	IGHVII-74-1
NA	ENSG00000254135	0	NA	NA	NA	NA	
NA	ENSG00000254136	0	NA	NA	NA	NA	
NA	ENSG00000254138	0	NA	NA	NA	NA	
286178	ENSG00000254139	0	NA	NA	NA	NA	
NA	ENSG00000254141	0	NA	NA	NA	NA	
NA	ENSG00000254143	0	NA	NA	NA	NA	
NA	ENSG00000254145	0	NA	NA	NA	NA	
NA	ENSG00000254146	0	NA	NA	NA	NA	HMGB1P46

NA	ENSG00000254150	0	NA	NA	NA	NA	
NA	ENSG00000254151	0	NA	NA	NA	NA	NIPA2P4
NA	ENSG00000254152	0	NA	NA	NA	NA	PPIAP84
NA	ENSG00000254153	0	NA	NA	NA	NA	
NA	ENSG00000254154	47.8329877	0.99346346	0.36960277	0.00073195	0.00450016	CRYZL2P-SEC16B
NA	ENSG00000254156	0	NA	NA	NA	NA	MTND6P20
NA	ENSG00000254157	0	NA	NA	NA	NA	IGKV2-18
NA	ENSG00000254158	0	NA	NA	NA	NA	
NA	ENSG00000254160	0	NA	NA	NA	NA	
NA	ENSG00000254161	0	NA	NA	NA	NA	IGLVIV-65
NA	ENSG00000254162	21.3168304	0.1707494	0.33577106	0.38578437	0.61497363	
NA	ENSG00000254163	0	NA	NA	NA	NA	
NA	ENSG00000254164	0	NA	NA	NA	NA	
NA	ENSG00000254165	5.62775179	0.02430704	0.36083083	0.85112341	0.93268646	
103164619	ENSG00000254166	0.81646814	-0.042482	0.38736571	0.34991926	NA	CASC19
NA	ENSG00000254167	0	NA	NA	NA	NA	IGHV8-51-1
NA	ENSG00000254170	0.49277141	0.01547619	0.38319142	0.74183179	NA	
NA	ENSG00000254171	0	NA	NA	NA	NA	
NA	ENSG00000254172	0	NA	NA	NA	NA	RNU5A-3P
NA	ENSG00000254174	0	NA	NA	NA	NA	IGHV1-12
NA	ENSG00000254175	0	NA	NA	NA	NA	IGLVI-42
NA	ENSG00000254176	0	NA	NA	NA	NA	IGHV3-75
NA	ENSG00000254177	0	NA	NA	NA	NA	
NA	ENSG00000254178	0	NA	NA	NA	NA	
NA	ENSG00000254180	2.79038099	0.00931337	0.36926088	0.93075255	0.97111825	
NA	ENSG00000254181	0	NA	NA	NA	NA	SLC25A51P3
NA	ENSG00000254182	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000254183	0	NA	NA	NA	NA	
NA	ENSG00000254185	0	NA	NA	NA	NA	MAPK6P5
NA	ENSG00000254186	1.84846281	0.0626664	0.38604797	0.36172154	NA	
NA	ENSG00000254187	0	NA	NA	NA	NA	
NA	ENSG00000254189	0	NA	NA	NA	NA	
NA	ENSG00000254190	0	NA	NA	NA	NA	
NA	ENSG00000254192	29.1777068	-0.01776317	0.29358158	0.92365207	0.96829936	
NA	ENSG00000254193	0	NA	NA	NA	NA	
NA	ENSG00000254194	0	NA	NA	NA	NA	
NA	ENSG00000254195	0	NA	NA	NA	NA	TPM3P3
NA	ENSG00000254197	0	NA	NA	NA	NA	

NA	ENSG00000254198	2.23979211	-0.07809589	0.39568363	0.07433587	NA	
NA	ENSG00000254200	0	NA	NA	NA	NA	RPL7AP33
NA	ENSG00000254201	0	NA	NA	NA	NA	
NA	ENSG00000254202	2.3001726	0.0242949	0.37834556	0.74136244	NA	
NA	ENSG00000254203	0.16735865	0.01897177	0.38482933	0.78225479	NA	IGHVII-33-1
NA	ENSG00000254204	0	NA	NA	NA	NA	
NA	ENSG00000254205	0	NA	NA	NA	NA	
728888	ENSG00000254206	179.049318	-0.05907273	0.18536044	0.71449077	0.86242659	NPIP11
NA	ENSG00000254207	0	NA	NA	NA	NA	
NA	ENSG00000254208	0.48969654	-0.0111174	0.38291377	0.82196968	NA	
NA	ENSG00000254209	0	NA	NA	NA	NA	LINC02855
NA	ENSG00000254211	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01485
NA	ENSG00000254212	0	NA	NA	NA	NA	
NA	ENSG00000254213	0	NA	NA	NA	NA	PRXL2AP2
NA	ENSG00000254215	0	NA	NA	NA	NA	IGHVIII-11-1
NA	ENSG00000254216	0	NA	NA	NA	NA	
NA	ENSG00000254219	0	NA	NA	NA	NA	
NA	ENSG00000254220	0	NA	NA	NA	NA	IGKV2D-18
56104	ENSG00000254221	43.4736875	0.49498469	0.38995372	0.04780296	0.14378575	PCDHGB1
NA	ENSG00000254222	0	NA	NA	NA	NA	
NA	ENSG00000254224	1.50372732	-0.02836867	0.37997833	0.68201018	NA	
NA	ENSG00000254225	0	NA	NA	NA	NA	BTF3P1
101927115	ENSG00000254226	0.31853758	0.00145565	0.38336932	0.96313179	NA	LINC01933
NA	ENSG00000254227	0	NA	NA	NA	NA	
NA	ENSG00000254228	0	NA	NA	NA	NA	IGHV3-42
NA	ENSG00000254229	0.62604453	-0.03628445	0.38662591	0.42608846	NA	FAM90A12P
NA	ENSG00000254230	0	NA	NA	NA	NA	
105375624	ENSG00000254231	1.11894377	0.07098008	0.39082115	0.23926301	NA	
NA	ENSG00000254233	0	NA	NA	NA	NA	LINC02365
NA	ENSG00000254236	0	NA	NA	NA	NA	
NA	ENSG00000254237	0	NA	NA	NA	NA	
NA	ENSG00000254238	2.82951283	-0.0497978	0.37451166	0.62643038	0.81032538	
NA	ENSG00000254239	0	NA	NA	NA	NA	
NA	ENSG00000254240	0	NA	NA	NA	NA	IGLVI-20
NA	ENSG00000254241	0	NA	NA	NA	NA	MTCO1P47
105379301	ENSG00000254242	0	NA	NA	NA	NA	
NA	ENSG00000254244	0	NA	NA	NA	NA	PAICSP4
56112	ENSG00000254245	18.510492	0.01947501	0.31316059	0.91696084	0.96477469	PCDHGA3

NA	ENSG00000254246	0	NA	NA	NA	NA	
NA	ENSG00000254247	0	NA	NA	NA	NA	
NA	ENSG00000254248	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000254249	0	NA	NA	NA	NA	
NA	ENSG00000254251	0.44968403	-0.02729724	0.38571286	0.56195603	NA	
NA	ENSG00000254252	0	NA	NA	NA	NA	RPL7P20
NA	ENSG00000254253	0	NA	NA	NA	NA	NACAP10
101929415	ENSG00000254254	0	NA	NA	NA	NA	
NA	ENSG00000254255	0	NA	NA	NA	NA	
NA	ENSG00000254256	0	NA	NA	NA	NA	RPSAP71
NA	ENSG00000254258	0.61891849	-0.01608374	0.38339451	0.71573379	NA	
NA	ENSG00000254260	0	NA	NA	NA	NA	
NA	ENSG00000254261	0	NA	NA	NA	NA	
NA	ENSG00000254263	0.69034125	0.00615669	0.38192107	0.89677036	NA	
NA	ENSG00000254264	0	NA	NA	NA	NA	IGKV3OR22-2
NA	ENSG00000254265	0	NA	NA	NA	NA	
101927003	ENSG00000254266	1.04034149	0.03620111	0.38198878	0.55163502	NA	PKIA-AS1
NA	ENSG00000254268	0	NA	NA	NA	NA	RFPL4AP7
NA	ENSG00000254270	0.53127872	0.03944988	0.38681518	0.41648411	NA	ERHP1
NA	ENSG00000254271	0	NA	NA	NA	NA	ANK3-DT
NA	ENSG00000254272	0	NA	NA	NA	NA	BTF3P3
NA	ENSG00000254273	0.47128911	-0.02834021	0.38579985	0.54457036	NA	
NA	ENSG00000254274	0.76578535	-0.028872	0.38368256	0.5640109	NA	TDGF1P5
NA	ENSG00000254275	0.48408189	0.01091708	0.38338274	0.79195034	NA	LINC00824
NA	ENSG00000254277	0	NA	NA	NA	NA	
101927513	ENSG00000254278	0	NA	NA	NA	NA	
NA	ENSG00000254279	0	NA	NA	NA	NA	IGHVII-1-1
NA	ENSG00000254283	0	NA	NA	NA	NA	
NA	ENSG00000254285	1.68434982	0.04624162	0.38267861	0.50594182	NA	KRT8P3
NA	ENSG00000254287	0	NA	NA	NA	NA	
NA	ENSG00000254288	0	NA	NA	NA	NA	
NA	ENSG00000254289	0	NA	NA	NA	NA	IGHV3-32
NA	ENSG00000254290	0	NA	NA	NA	NA	
NA	ENSG00000254291	0	NA	NA	NA	NA	
NA	ENSG00000254292	0	NA	NA	NA	NA	IGKV2D-14
NA	ENSG00000254293	202.063839	0.01443823	0.17998959	0.92876816	0.97013584	
NA	ENSG00000254294	1.58872578	-0.10626908	0.40411855	0.06589989	NA	IMPDH1P6
NA	ENSG00000254295	0	NA	NA	NA	NA	

	NA	ENSG00000254297	0	NA	NA	NA	NA	
	NA	ENSG00000254298	0	NA	NA	NA	NA	
	NA	ENSG00000254299	0	NA	NA	NA	NA	LINC01944
101926978	NA	ENSG00000254300	0	NA	NA	NA	NA	LINC01111
	NA	ENSG00000254302	0	NA	NA	NA	NA	
	NA	ENSG00000254303	0	NA	NA	NA	NA	
	NA	ENSG00000254305	1.00913424	0.00522019	0.38000637	0.93162377	NA	MRPL9P1
	NA	ENSG00000254306	0	NA	NA	NA	NA	
	NA	ENSG00000254307	9.17013103	0.13050767	0.37599047	0.39191721	0.62123244	
	NA	ENSG00000254308	0	NA	NA	NA	NA	IGLVIV-59
	NA	ENSG00000254309	0	NA	NA	NA	NA	
	NA	ENSG00000254310	0	NA	NA	NA	NA	
	NA	ENSG00000254311	0	NA	NA	NA	NA	SNRPCP17
	NA	ENSG00000254312	0	NA	NA	NA	NA	MRPL57P7
	NA	ENSG00000254313	0	NA	NA	NA	NA	
	NA	ENSG00000254314	0	NA	NA	NA	NA	
	NA	ENSG00000254315	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000254316	0	NA	NA	NA	NA	
	NA	ENSG00000254317	4.94579911	0.054858	0.36650455	0.66355919	0.83404953	
101927815	NA	ENSG00000254319	0	NA	NA	NA	NA	
	NA	ENSG00000254320	0	NA	NA	NA	NA	
	NA	ENSG00000254321	0	NA	NA	NA	NA	
442893	NA	ENSG00000254324	0	NA	NA	NA	NA	MIR151A
	NA	ENSG00000254325	0	NA	NA	NA	NA	
	NA	ENSG00000254326	0	NA	NA	NA	NA	IGHV7-27
	NA	ENSG00000254328	0	NA	NA	NA	NA	
	NA	ENSG00000254329	0	NA	NA	NA	NA	IGHVII-60-1
	NA	ENSG00000254330	0	NA	NA	NA	NA	
	NA	ENSG00000254331	0.173733	0.01914545	0.38484597	0.78225479	NA	CKS1BP7
	NA	ENSG00000254332	0.16735865	0.01897177	0.38482933	0.78225479	NA	
102546298	NA	ENSG00000254333	0.35749303	0.0238229	0.38538197	0.61360731	NA	NDST1-AS1
101929172	NA	ENSG00000254334	0	NA	NA	NA	NA	
	NA	ENSG00000254336	0	NA	NA	NA	NA	
	NA	ENSG00000254337	0	NA	NA	NA	NA	
104326051	NA	ENSG00000254338	1.46035985	-0.00418161	0.37738556	0.95445022	NA	MAFA-AS1
	NA	ENSG00000254339	0	NA	NA	NA	NA	
	NA	ENSG00000254340	3.02147251	-0.02754074	0.37463259	0.76124422	0.88962039	
	NA	ENSG00000254341	0	NA	NA	NA	NA	SNORD87

NA	ENSG00000254342	0	NA	NA	NA	NA	
NA	ENSG00000254343	0	NA	NA	NA	NA	
NA	ENSG00000254344	0	NA	NA	NA	NA	LINC01288
NA	ENSG00000254345	0	NA	NA	NA	NA	IGKV2D-23
NA	ENSG00000254346	0	NA	NA	NA	NA	MTND1P6
NA	ENSG00000254347	0	NA	NA	NA	NA	
NA	ENSG00000254348	0	NA	NA	NA	NA	
441355	ENSG00000254349	0.95487208	-0.06829504	0.39200954	0.1970412	NA	MIR2052HG
NA	ENSG00000254350	0	NA	NA	NA	NA	
NA	ENSG00000254351	0	NA	NA	NA	NA	ARL2BPP5
NA	ENSG00000254352	2.42371795	0.07977143	0.38808659	0.33463034	NA	
NA	ENSG00000254355	0	NA	NA	NA	NA	IGLVI-68
105375843	ENSG00000254357	0	NA	NA	NA	NA	
NA	ENSG00000254358	0	NA	NA	NA	NA	CYCSP22
NA	ENSG00000254361	0	NA	NA	NA	NA	
NA	ENSG00000254362	0.173733	0.01914545	0.38484597	0.78225479	NA	
101929719	ENSG00000254363	10.204291	0.04973896	0.35484519	0.7336515	0.87316412	
NA	ENSG00000254364	0	NA	NA	NA	NA	
NA	ENSG00000254365	0	NA	NA	NA	NA	
NA	ENSG00000254366	0	NA	NA	NA	NA	
NA	ENSG00000254367	0	NA	NA	NA	NA	
100133311	ENSG00000254369	0	NA	NA	NA	NA	HOXA-AS3
NA	ENSG00000254370	2.2049686	0.02189903	0.37494824	0.80556353	NA	
NA	ENSG00000254372	0	NA	NA	NA	NA	
NA	ENSG00000254373	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000254376	0	NA	NA	NA	NA	SOX5P1
100130155	ENSG00000254377	1.43430502	-0.01269091	0.37878402	0.85295605	NA	MIR124-2HG
NA	ENSG00000254380	0	NA	NA	NA	NA	
NA	ENSG00000254381	0	NA	NA	NA	NA	TUBB8P5
NA	ENSG00000254383	0	NA	NA	NA	NA	
NA	ENSG00000254384	0	NA	NA	NA	NA	MTND6P19
NA	ENSG00000254387	0.173733	0.01914545	0.38484597	0.78225479	NA	MYL12AP1
NA	ENSG00000254388	1.34889045	-0.01782136	0.37837375	0.80487595	NA	DUTP2
78998	ENSG00000254389	14.6564423	0.31028274	0.4296389	0.14463229	0.32482506	RHPN1-AS1
NA	ENSG00000254391	0	NA	NA	NA	NA	
NA	ENSG00000254392	0	NA	NA	NA	NA	
101927141	ENSG00000254394	0	NA	NA	NA	NA	
NA	ENSG00000254395	0	NA	NA	NA	NA	IGHV4-55

NA	ENSG00000254396	0.91135968	0.01091296	0.38216939	0.81726606	NA	
NA	ENSG00000254397	0.49940904	-0.00955939	0.38279715	0.83588569	NA	
NA	ENSG00000254398	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000254399	0	NA	NA	NA	NA	GLYATL1P4
NA	ENSG00000254400	1.19914705	-0.06597333	0.39189673	0.16967186	NA	
NA	ENSG00000254401	0	NA	NA	NA	NA	LINC02752
441381	ENSG00000254402	351.534376	-0.47489558	0.12731155	7.88E-05	0.00061502	LRRC24
NA	ENSG00000254403	0	NA	NA	NA	NA	OR10Y1P
NA	ENSG00000254404	0	NA	NA	NA	NA	
NA	ENSG00000254406	0	NA	NA	NA	NA	
NA	ENSG00000254407	0	NA	NA	NA	NA	PHBP17
NA	ENSG00000254408	0	NA	NA	NA	NA	OR4A1P
NA	ENSG00000254409	0	NA	NA	NA	NA	
NA	ENSG00000254411	0	NA	NA	NA	NA	
NA	ENSG00000254412	0	NA	NA	NA	NA	
NA	ENSG00000254413	426.628056	-0.07044947	0.14317783	0.59534918	0.78816266	CHKB-CPT1B
100049587	ENSG00000254415	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SIGLEC14
NA	ENSG00000254416	0	NA	NA	NA	NA	LINC02732
NA	ENSG00000254417	0	NA	NA	NA	NA	LINC02584
NA	ENSG00000254418	0	NA	NA	NA	NA	SPON1-AS1
NA	ENSG00000254419	0.46806545	-0.00796327	0.38327121	0.86149441	NA	
NA	ENSG00000254420	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000254422	0	NA	NA	NA	NA	
NA	ENSG00000254423	0.48922185	-0.00871517	0.38277523	0.84166946	NA	
NA	ENSG00000254424	0	NA	NA	NA	NA	
NA	ENSG00000254425	0	NA	NA	NA	NA	
101928812	ENSG00000254427	19.1826754	-0.27088526	0.42175631	0.16476046	0.35442346	LINC02696
NA	ENSG00000254428	9.62700828	-0.11857947	0.36427608	0.45638636	0.67988477	
NA	ENSG00000254429	0	NA	NA	NA	NA	
NA	ENSG00000254430	0	NA	NA	NA	NA	OR6M3P
NA	ENSG00000254431	0	NA	NA	NA	NA	
NA	ENSG00000254432	0	NA	NA	NA	NA	
NA	ENSG00000254433	2.00724854	-0.08626811	0.38968783	0.30829756	NA	
NA	ENSG00000254434	0	NA	NA	NA	NA	
NA	ENSG00000254436	0	NA	NA	NA	NA	
NA	ENSG00000254437	0	NA	NA	NA	NA	
101928132	ENSG00000254438	0	NA	NA	NA	NA	LINC02683
59351	ENSG00000254440	0	NA	NA	NA	NA	PBOV1

NA	ENSG00000254441	0	NA	NA	NA	NA	EIF2S2P6
NA	ENSG00000254442	0	NA	NA	NA	NA	
NA	ENSG00000254443	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000254444	0	NA	NA	NA	NA	
NA	ENSG00000254445	0	NA	NA	NA	NA	HSPB2-C11orf52
NA	ENSG00000254447	0.16735865	0.01897177	0.38482933	0.78225479	NA	OR7E11P
NA	ENSG00000254449	0.16735865	0.01897177	0.38482933	0.78225479	NA	SF3A3P2
NA	ENSG00000254450	0	NA	NA	NA	NA	ALG9-IT1
100130268	ENSG00000254451	0.18922458	0.01954053	0.38488496	0.78225479	NA	CAPS2-AS1
NA	ENSG00000254452	1.10874973	0.0618313	0.39099658	0.17971349	NA	
100874014	ENSG00000254453	0.48980945	-0.00841188	0.3827596	0.84543003	NA	NAV2-AS2
NA	ENSG00000254454	5.2117428	-0.09970323	0.37625339	0.44576429	0.67028199	RCC2P6
NA	ENSG00000254455	0	NA	NA	NA	NA	HIGD1AP10
NA	ENSG00000254456	0	NA	NA	NA	NA	LINC02699
NA	ENSG00000254457	0	NA	NA	NA	NA	OR5D2P
NA	ENSG00000254458	0.49806322	-0.02961401	0.38591237	0.52383254	NA	
NA	ENSG00000254459	1.52923912	0.01803428	0.37869851	0.80057173	NA	
NA	ENSG00000254460	0	NA	NA	NA	NA	
NA	ENSG00000254461	4.43738725	0.21330934	0.44789612	0.09987977	0.24900912	
NA	ENSG00000254463	5.31037454	0.14133094	0.3959773	0.27685749	0.50121841	PPIAP41
NA	ENSG00000254464	0	NA	NA	NA	NA	OR4A3P
NA	ENSG00000254465	0	NA	NA	NA	NA	THAP12P4
390197	ENSG00000254466	0	NA	NA	NA	NA	OR4D10
NA	ENSG00000254467	0.94745663	-0.06639996	0.39160862	0.20401747	NA	
NA	ENSG00000254468	0	NA	NA	NA	NA	
100133315	ENSG00000254469	115.433795	0.05513646	0.20742718	0.75328219	0.88464062	
91056	ENSG00000254470	604.410159	0.10452457	0.10243119	0.28963635	0.51556744	AP5B1
NA	ENSG00000254471	0	NA	NA	NA	NA	
NA	ENSG00000254472	0	NA	NA	NA	NA	OR4A49P
NA	ENSG00000254473	20.3107741	-0.4690943	0.55385347	0.05959245	0.17026415	
NA	ENSG00000254475	0	NA	NA	NA	NA	OR2AT1P
NA	ENSG00000254477	1.75434373	-0.07150686	0.38649079	0.36044009	NA	
NA	ENSG00000254478	0	NA	NA	NA	NA	
NA	ENSG00000254479	0.51547615	0.0311298	0.38605422	0.47769244	NA	SLC25A1P1
100506082	ENSG00000254480	0.47143337	-0.02834724	0.38580046	0.5444527	NA	LINC02749
NA	ENSG00000254481	1.18007096	-0.03514102	0.38124144	0.60034284	NA	PTP4A2P2
NA	ENSG00000254482	0	NA	NA	NA	NA	
NA	ENSG00000254483	0	NA	NA	NA	NA	SUGT1P4

NA	ENSG00000254484	0	NA	NA	NA	NA	
NA	ENSG00000254485	10.5567062	-0.25956139	0.43659868	0.15483709	0.34030142	
105376554	ENSG00000254486	0	NA	NA	NA	NA	LINC02547
NA	ENSG00000254487	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000254488	0	NA	NA	NA	NA	
105376609	ENSG00000254489	4.95731942	0.01731476	0.36026189	0.89422125	0.95429776	MPPED2-AS1
NA	ENSG00000254490	0	NA	NA	NA	NA	OR5M7P
NA	ENSG00000254491	0	NA	NA	NA	NA	
NA	ENSG00000254492	0	NA	NA	NA	NA	
NA	ENSG00000254495	0	NA	NA	NA	NA	
NA	ENSG00000254496	0	NA	NA	NA	NA	CBX3P8
NA	ENSG00000254497	0	NA	NA	NA	NA	
NA	ENSG00000254498	0.61858893	-0.01604863	0.38339209	0.71623501	NA	
NA	ENSG00000254499	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000254500	0.32265491	-0.02325554	0.38531889	0.6695122	NA	RANP3
NA	ENSG00000254501	3.60868388	0.06191182	0.38048211	0.50319763	0.72004858	
NA	ENSG00000254502	0	NA	NA	NA	NA	FNTAP1
NA	ENSG00000254503	0.94585864	-0.06632016	0.39158994	0.20452346	NA	
29082	ENSG00000254505	354.477129	-0.03480313	0.14810153	0.79850635	0.90769144	CHMP4A
NA	ENSG00000254506	0	NA	NA	NA	NA	
NA	ENSG00000254507	1.56712839	-0.03181654	0.37922511	0.67093458	NA	DEFB131E
101928440	ENSG00000254508	0	NA	NA	NA	NA	FBXO3-DT
NA	ENSG00000254509	0	NA	NA	NA	NA	
NA	ENSG00000254510	2.18097233	-0.08011894	0.38611341	0.36803769	NA	
NA	ENSG00000254511	0	NA	NA	NA	NA	
NA	ENSG00000254512	0	NA	NA	NA	NA	PHBP2
NA	ENSG00000254514	0	NA	NA	NA	NA	
NA	ENSG00000254515	0	NA	NA	NA	NA	
105376633	ENSG00000254516	0	NA	NA	NA	NA	LINC02760
NA	ENSG00000254517	0	NA	NA	NA	NA	
NA	ENSG00000254518	9.64276114	0.14652558	0.38402496	0.33658215	0.56663469	LINC02750
100507384	ENSG00000254519	0	NA	NA	NA	NA	
89858	ENSG00000254521	0	NA	NA	NA	NA	SIGLEC12
NA	ENSG00000254522	0	NA	NA	NA	NA	
NA	ENSG00000254524	0	NA	NA	NA	NA	OR8I4P
NA	ENSG00000254526	0	NA	NA	NA	NA	
NA	ENSG00000254527	3.49829167	-0.20166228	0.44754518	0.07494335	0.20133732	ENPP7P12
NA	ENSG00000254528	8.4094095	-0.03179864	0.34649959	0.83387559	0.92431452	

NA	ENSG00000254529	0	NA	NA	NA	NA	MRGPRX7P
NA	ENSG00000254530	0	NA	NA	NA	NA	LINC02755
90024	ENSG00000254531	40.8173794	0.02207929	0.27471031	0.91062761	0.96177013	
NA	ENSG00000254532	1.48316773	-0.06807839	0.3885947	0.30356293	NA	
NA	ENSG00000254533	9.73754758	-0.16033486	0.38389789	0.31884277	0.54655612	
NA	ENSG00000254534	0	NA	NA	NA	NA	
132430	ENSG00000254535	55.0026055	0.10625959	0.2632963	0.58643527	0.78212395	PABPC4L
NA	ENSG00000254536	99.4141601	-0.01426616	0.21570093	0.93428829	0.9726246	
NA	ENSG00000254537	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000254538	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000254539	0.6626146	0.02641502	0.38369622	0.58422706	NA	
NA	ENSG00000254540	0	NA	NA	NA	NA	
NA	ENSG00000254541	0	NA	NA	NA	NA	MRGPRX6P
NA	ENSG00000254542	0	NA	NA	NA	NA	NAV2-AS3
NA	ENSG00000254543	0	NA	NA	NA	NA	HSPD1P2
NA	ENSG00000254544	0	NA	NA	NA	NA	PCNAP4
NA	ENSG00000254545	0	NA	NA	NA	NA	
NA	ENSG00000254546	0	NA	NA	NA	NA	MRGPRX13P
NA	ENSG00000254547	37.6852338	-4.21075485	0.577619	4.94E-14	1.24E-12	
NA	ENSG00000254548	0.16735865	0.01897177	0.38482933	0.78225479	NA	
4975	ENSG00000254550	0.44795842	-0.02501848	0.38558245	0.5807882	NA	OMP
NA	ENSG00000254551	0.68095272	-0.00017374	0.38240786	0.99840911	NA	
NA	ENSG00000254552	0	NA	NA	NA	NA	XIRP2-AS1
NA	ENSG00000254553	60.1761784	0.323235	0.29118104	0.12999652	0.30172333	
NA	ENSG00000254554	0.82077072	0.01477754	0.38183729	0.77462479	NA	
NA	ENSG00000254555	0	NA	NA	NA	NA	
NA	ENSG00000254556	3.67556886	-0.05489551	0.37798044	0.56048637	0.7641659	
NA	ENSG00000254557	0	NA	NA	NA	NA	
NA	ENSG00000254558	0	NA	NA	NA	NA	
NA	ENSG00000254559	0	NA	NA	NA	NA	
103695435	ENSG00000254560	0	NA	NA	NA	NA	BBOX1-AS1
NA	ENSG00000254561	3.92190938	-0.02538587	0.37029349	0.80265036	0.91008018	
101928536	ENSG00000254562	0	NA	NA	NA	NA	LINC01493
NA	ENSG00000254563	0.8250044	0.02868249	0.38431533	0.51908962	NA	
NA	ENSG00000254564	0	NA	NA	NA	NA	
NA	ENSG00000254565	18.3281885	-1.183455	0.69471196	0.00488945	0.02280362	MTND2P26
NA	ENSG00000254566	0	NA	NA	NA	NA	
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NA	ENSG00000254568	0.173733	0.01914545	0.38484597	0.78225479	NA	
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NA	ENSG00000254571	0	NA	NA	NA	NA	
NA	ENSG00000254572	0	NA	NA	NA	NA	GLULP3
NA	ENSG00000254573	0	NA	NA	NA	NA	
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NA	ENSG00000254575	0	NA	NA	NA	NA	
NA	ENSG00000254576	0	NA	NA	NA	NA	OR4C1P
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105369473	ENSG00000254580	0	NA	NA	NA	NA	LINC02719
NA	ENSG00000254581	0	NA	NA	NA	NA	
NA	ENSG00000254582	0	NA	NA	NA	NA	PSMA2P1
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100506675	ENSG00000254584	0	NA	NA	NA	NA	
54551	ENSG00000254585	0	NA	NA	NA	NA	MAGEL2
NA	ENSG00000254586	0	NA	NA	NA	NA	
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101929517	ENSG00000254588	0	NA	NA	NA	NA	ETS1-AS1
NA	ENSG00000254589	0	NA	NA	NA	NA	EIF4A2P3
NA	ENSG00000254590	0	NA	NA	NA	NA	
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NA	ENSG00000254592	0	NA	NA	NA	NA	
NA	ENSG00000254593	8.19084288	-0.37846505	0.58870382	0.05368948	0.15715539	OR7E126P
NA	ENSG00000254594	0	NA	NA	NA	NA	LINC02686
NA	ENSG00000254595	20.7043961	0.17765725	0.33390618	0.3713302	0.60057374	
NA	ENSG00000254596	0.16735865	0.01897177	0.38482933	0.78225479	NA	
283106	ENSG00000254598	0.47272793	-0.02840875	0.38580569	0.5434444	NA	CSNK2A3
NA	ENSG00000254599	0	NA	NA	NA	NA	
NA	ENSG00000254601	0	NA	NA	NA	NA	CYCSP26
NA	ENSG00000254602	18.3711544	0.37585431	0.49523996	0.09147141	0.23347687	
NA	ENSG00000254603	0	NA	NA	NA	NA	OR5M6P
NA	ENSG00000254604	3.78721385	0.08882573	0.38206047	0.42148313	0.64748163	
NA	ENSG00000254605	0	NA	NA	NA	NA	
NA	ENSG00000254606	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101929427	ENSG00000254607	0.55197306	0.0328929	0.38623362	0.4521279	NA	
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NA	ENSG00000254610	1.29207336	0.06251975	0.39094887	0.17431029	NA	
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NA	ENSG00000254613	0	NA	NA	NA	NA	OR6M2P
728975	ENSG00000254614	33.2651314	-0.10357789	0.28508195	0.59509133	0.78790447	
NA	ENSG00000254616	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
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NA	ENSG00000254620	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000254621	0	NA	NA	NA	NA	SETP16
NA	ENSG00000254622	0	NA	NA	NA	NA	NAV2-AS4
NA	ENSG00000254623	0	NA	NA	NA	NA	DEFB108E
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NA	ENSG00000254625	0	NA	NA	NA	NA	
NA	ENSG00000254626	0	NA	NA	NA	NA	
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NA	ENSG00000254630	0	NA	NA	NA	NA	
NA	ENSG00000254631	0	NA	NA	NA	NA	
NA	ENSG00000254632	0.74173168	0.04263421	0.38747414	0.33110172	NA	
NA	ENSG00000254633	0	NA	NA	NA	NA	
NA	ENSG00000254634	30.3594834	-0.16552312	0.34252467	0.38877571	0.61800417	SMG1P6
NA	ENSG00000254635	735.355554	0.07992397	0.10905181	0.44456339	0.66940936	WAC-AS1
387715	ENSG00000254636	0.49752497	-0.02958889	0.38591011	0.52423236	NA	ARMS2
NA	ENSG00000254637	0	NA	NA	NA	NA	OR4A18P
NA	ENSG00000254638	0	NA	NA	NA	NA	
NA	ENSG00000254639	0.36304759	0.02389542	0.38539251	0.60992053	NA	
NA	ENSG00000254641	0.72598242	0.00276452	0.38234243	0.94857789	NA	
NA	ENSG00000254642	0	NA	NA	NA	NA	COX6CP5
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NA	ENSG00000254645	0	NA	NA	NA	NA	
NA	ENSG00000254646	0	NA	NA	NA	NA	OR8B10P
3630	ENSG00000254647	0	NA	NA	NA	NA	INS
NA	ENSG00000254648	6.24797954	-0.04626685	0.36126716	0.72535284	0.86860214	
NA	ENSG00000254649	0	NA	NA	NA	NA	
NA	ENSG00000254650	0	NA	NA	NA	NA	MTCYBP41
NA	ENSG00000254651	0	NA	NA	NA	NA	
NA	ENSG00000254653	0.34624801	-0.02356563	0.38536324	0.65270996	NA	

221122	ENSG00000254654	0	NA	NA	NA	NA	LINC02685
NA	ENSG00000254655	0	NA	NA	NA	NA	
388015	ENSG00000254656	26370.8726	0.78140687	0.06477731	3.40E-34	2.23E-32	RTL1
NA	ENSG00000254658	0	NA	NA	NA	NA	OR8J2
NA	ENSG00000254659	0	NA	NA	NA	NA	LINC02715
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105376570	ENSG00000254661	0	NA	NA	NA	NA	LINC02682
NA	ENSG00000254662	0.32358561	0.00179331	0.38337276	0.96391352	NA	
NA	ENSG00000254663	0	NA	NA	NA	NA	OR4A11P
NA	ENSG00000254664	1.17970396	-0.00651308	0.37939108	0.91910419	NA	
NA	ENSG00000254665	0	NA	NA	NA	NA	
NA	ENSG00000254668	0	NA	NA	NA	NA	
NA	ENSG00000254669	0	NA	NA	NA	NA	
105376557	ENSG00000254670	0.91629058	0.05246727	0.38908352	0.24440345	NA	RASSF10-DT
NA	ENSG00000254672	0	NA	NA	NA	NA	
NA	ENSG00000254673	0	NA	NA	NA	NA	
NA	ENSG00000254674	0	NA	NA	NA	NA	OR4A42P
NA	ENSG00000254675	0	NA	NA	NA	NA	
NA	ENSG00000254676	4.88896511	0.05389267	0.36394456	0.68016733	0.84377664	
NA	ENSG00000254677	0	NA	NA	NA	NA	OSBPL9P2
NA	ENSG00000254678	0	NA	NA	NA	NA	
NA	ENSG00000254680	0	NA	NA	NA	NA	
NA	ENSG00000254681	447.852231	-0.01522993	0.3105593	0.9302563	0.97097459	PKD1P5
NA	ENSG00000254682	66.1995867	0.00631002	0.22713608	0.97395272	0.99052809	
NA	ENSG00000254683	0	NA	NA	NA	NA	SNRPCP6
NA	ENSG00000254684	0	NA	NA	NA	NA	
8790	ENSG00000254685	230.594272	-0.3762665	0.15794548	0.0089955	0.03800482	FPGT
NA	ENSG00000254686	0	NA	NA	NA	NA	
NA	ENSG00000254687	0	NA	NA	NA	NA	
NA	ENSG00000254688	0	NA	NA	NA	NA	
109729147	ENSG00000254689	0.78025319	-0.00525618	0.38217604	0.91039555	NA	LINC02235
NA	ENSG00000254691	0.45009187	-0.02731716	0.38571449	0.56161858	NA	
NA	ENSG00000254692	25.6052623	-0.03252172	0.33074767	0.84639702	0.930418	
NA	ENSG00000254693	0	NA	NA	NA	NA	
NA	ENSG00000254694	1.63403787	-0.01171819	0.37717009	0.87732194	NA	
NA	ENSG00000254695	0.34115471	0.02362687	0.38535345	0.62408208	NA	
NA	ENSG00000254697	0	NA	NA	NA	NA	COPS8P3
NA	ENSG00000254698	0	NA	NA	NA	NA	

	NA	ENSG00000254699	0	NA	NA	NA	NA	LINC02695
	NA	ENSG00000254700	0.173124	-0.01911262	0.38486262	0.84537521	NA	DEFB131C
	NA	ENSG00000254701	276.808849	0.54033759	0.15666607	0.00018788	0.00134469	
	NA	ENSG00000254702	0	NA	NA	NA	NA	
100507392		ENSG00000254703	0.16735865	0.01897177	0.38482933	0.78225479	NA	SENCR
	NA	ENSG00000254704	0	NA	NA	NA	NA	
	NA	ENSG00000254705	0	NA	NA	NA	NA	
	NA	ENSG00000254706	9.26107712	0.14213187	0.38408536	0.3410706	0.57133069	
	NA	ENSG00000254707	0	NA	NA	NA	NA	
	NA	ENSG00000254708	0	NA	NA	NA	NA	MMADHCP2
100423062		ENSG00000254709	0	NA	NA	NA	NA	IGLL5
	NA	ENSG00000254710	0	NA	NA	NA	NA	
	NA	ENSG00000254712	0	NA	NA	NA	NA	
	NA	ENSG00000254713	0	NA	NA	NA	NA	HNRNPA1P72
	NA	ENSG00000254715	0	NA	NA	NA	NA	OR7E154P
	NA	ENSG00000254717	8.89178571	-0.15887336	0.39292952	0.28367023	0.50881632	GLYATL1P2
101927702		ENSG00000254718	5.89244077	-0.00473767	0.37417566	0.94916208	0.97907226	
	NA	ENSG00000254719	0	NA	NA	NA	NA	
	NA	ENSG00000254720	0	NA	NA	NA	NA	MRGPRX10P
	NA	ENSG00000254721	1.8949336	0.09939527	0.40226574	0.05307787	NA	
	NA	ENSG00000254722	0	NA	NA	NA	NA	FAM8A2P
	NA	ENSG00000254723	0	NA	NA	NA	NA	OR4A12P
	NA	ENSG00000254724	0	NA	NA	NA	NA	OR7E10P
	NA	ENSG00000254725	0	NA	NA	NA	NA	
92312		ENSG00000254726	9491.04831	0.12467586	0.05017117	0.01133582	0.04600178	MEX3A
	NA	ENSG00000254727	0.173124	-0.01911262	0.38486262	0.84537521	NA	PTP4A1P6
	NA	ENSG00000254728	0	NA	NA	NA	NA	
	NA	ENSG00000254730	0	NA	NA	NA	NA	
	NA	ENSG00000254731	0.64248474	0.00445939	0.38139023	0.93022378	NA	
	NA	ENSG00000254732	7.44394107	0.21453277	0.45225752	0.0825789	0.21637154	
	NA	ENSG00000254733	0	NA	NA	NA	NA	
	NA	ENSG00000254734	0	NA	NA	NA	NA	
	NA	ENSG00000254735	0	NA	NA	NA	NA	HMGB1P42
	NA	ENSG00000254736	0	NA	NA	NA	NA	BRD9P1
390264		ENSG00000254737	0	NA	NA	NA	NA	OR10G4
	NA	ENSG00000254738	0	NA	NA	NA	NA	MRGPRX11P
	NA	ENSG00000254739	2.79138375	-0.01588778	0.37380103	0.8595946	0.93751308	
	NA	ENSG00000254740	0	NA	NA	NA	NA	

NA	ENSG00000254741	0	NA	NA	NA	NA	
NA	ENSG00000254743	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR10V3P
NA	ENSG00000254744	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
105376654	ENSG00000254746	0	NA	NA	NA	NA	
NA	ENSG00000254747	0	NA	NA	NA	NA	MTND4LP18
NA	ENSG00000254748	0	NA	NA	NA	NA	HNRNPCP8
NA	ENSG00000254749	0	NA	NA	NA	NA	OR5BD1P
NA	ENSG00000254750	0	NA	NA	NA	NA	CASP1P2
NA	ENSG00000254751	0	NA	NA	NA	NA	TRIM64DP
NA	ENSG00000254752	0	NA	NA	NA	NA	OR5M2P
NA	ENSG00000254753	0	NA	NA	NA	NA	
NA	ENSG00000254754	0	NA	NA	NA	NA	
NA	ENSG00000254755	0	NA	NA	NA	NA	
NA	ENSG00000254756	0.31798647	0.00090641	0.38336513	0.96839064	NA	
NA	ENSG00000254757	0	NA	NA	NA	NA	
NA	ENSG00000254758	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000254759	0.75721748	-0.02727976	0.38341321	0.58221616	NA	NAP1L1P1
NA	ENSG00000254760	1.86777615	0.04330695	0.38113736	0.5612328	NA	
NA	ENSG00000254762	0	NA	NA	NA	NA	
NA	ENSG00000254764	0	NA	NA	NA	NA	TRIM53CP
NA	ENSG00000254765	0	NA	NA	NA	NA	
NA	ENSG00000254767	0	NA	NA	NA	NA	OR2AL1P
NA	ENSG00000254768	0	NA	NA	NA	NA	
NA	ENSG00000254769	0	NA	NA	NA	NA	OR4A4P
NA	ENSG00000254770	0	NA	NA	NA	NA	OR4D7P
NA	ENSG00000254771	0.50207596	0.02562368	0.38565771	0.52549886	NA	
1937	ENSG00000254772	27427.9124	-0.07064591	0.0486098	0.14308329	0.32222162	EEF1G
105375861	ENSG00000254775	0	NA	NA	NA	NA	
NA	ENSG00000254776	0	NA	NA	NA	NA	PRR23D3P
NA	ENSG00000254777	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000254779	1.86930904	0.00605553	0.38010567	0.92192217	NA	EGLN1P1
NA	ENSG00000254780	0	NA	NA	NA	NA	
NA	ENSG00000254781	0	NA	NA	NA	NA	GVINP2
NA	ENSG00000254783	4.037816	-0.12281469	0.39076842	0.31080854	0.53855384	
NA	ENSG00000254784	0	NA	NA	NA	NA	LRRRC6P1
NA	ENSG00000254785	0	NA	NA	NA	NA	
NA	ENSG00000254786	0	NA	NA	NA	NA	
NA	ENSG00000254787	0	NA	NA	NA	NA	

100529251	ENSG00000254788	22.3771253	0.0626037	0.30933614	0.73985742	0.87713004	CKLF-CMTM1
NA	ENSG00000254789	0	NA	NA	NA	NA	
NA	ENSG00000254790	0	NA	NA	NA	NA	
NA	ENSG00000254791	0.86068546	0.03561709	0.38438358	0.45805563	NA	FAR1-IT1
NA	ENSG00000254792	0	NA	NA	NA	NA	
NA	ENSG00000254793	1.00232478	-0.02020458	0.38179253	0.71217552	NA	FDPSF4
NA	ENSG00000254794	0	NA	NA	NA	NA	
NA	ENSG00000254795	0	NA	NA	NA	NA	OR5AP1P
NA	ENSG00000254796	0	NA	NA	NA	NA	
NA	ENSG00000254798	0	NA	NA	NA	NA	TFAMP2
NA	ENSG00000254799	0	NA	NA	NA	NA	SLC25A47P1
NA	ENSG00000254800	0	NA	NA	NA	NA	
NA	ENSG00000254801	0	NA	NA	NA	NA	
NA	ENSG00000254802	0.33867208	0.00225209	0.38337849	0.96695566	NA	
NA	ENSG00000254803	0	NA	NA	NA	NA	
NA	ENSG00000254804	0	NA	NA	NA	NA	
NA	ENSG00000254805	0	NA	NA	NA	NA	SNRPCP14
NA	ENSG00000254806	23.0277399	0.01725004	0.31861357	0.92479087	0.96868438	SYS1-DBNDD2
NA	ENSG00000254807	0	NA	NA	NA	NA	OR10AK1P
NA	ENSG00000254810	0	NA	NA	NA	NA	
101928535	ENSG00000254811	0	NA	NA	NA	NA	
NA	ENSG00000254812	6.63164304	0.06341205	0.36104356	0.64999753	0.82529572	
340357	ENSG00000254813	0	NA	NA	NA	NA	
NA	ENSG00000254814	0.49813515	0.01168758	0.38339815	0.77810629	NA	
692247	ENSG00000254815	30.5876064	0.70365649	0.45060832	0.01592477	0.06050314	LMNTD2-AS1
NA	ENSG00000254816	0	NA	NA	NA	NA	
NA	ENSG00000254817	0	NA	NA	NA	NA	
NA	ENSG00000254818	0	NA	NA	NA	NA	
NA	ENSG00000254819	0	NA	NA	NA	NA	ANO3-AS1
NA	ENSG00000254820	0	NA	NA	NA	NA	
NA	ENSG00000254821	0.72515442	0.0021678	0.38233646	0.95936751	NA	
NA	ENSG00000254822	0	NA	NA	NA	NA	
NA	ENSG00000254823	0	NA	NA	NA	NA	LINC02727
NA	ENSG00000254824	0	NA	NA	NA	NA	
NA	ENSG00000254825	0	NA	NA	NA	NA	OR9G2P
NA	ENSG00000254826	0	NA	NA	NA	NA	
NA	ENSG00000254827	0.5115969	-0.00991576	0.38277612	0.82004188	NA	SLC22A18AS
NA	ENSG00000254828	0	NA	NA	NA	NA	

NA	ENSG00000254829	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000254830	0	NA	NA	NA	NA	
NA	ENSG00000254831	0	NA	NA	NA	NA	KRT18P58
NA	ENSG00000254832	0	NA	NA	NA	NA	OR4A40P
NA	ENSG00000254833	0.82436745	-0.00896068	0.38084454	0.87429502	NA	
390167	ENSG00000254834	0	NA	NA	NA	NA	OR5M10
NA	ENSG00000254835	8.93881063	-0.10838912	0.38807705	0.33902569	0.56925099	RNF185-AS1
NA	ENSG00000254836	0	NA	NA	NA	NA	
NA	ENSG00000254837	61.0256438	-0.17827554	0.2715507	0.36838594	0.59780607	
387751	ENSG00000254838	0.34050812	0.0023901	0.38338057	0.96486913	NA	GVINP1
101929269	ENSG00000254839	0	NA	NA	NA	NA	
NA	ENSG00000254840	6.86714812	0.08382053	0.37193337	0.50327309	0.72006071	
NA	ENSG00000254841	0	NA	NA	NA	NA	OR4V1P
NA	ENSG00000254842	0	NA	NA	NA	NA	LINC02551
NA	ENSG00000254843	0	NA	NA	NA	NA	XIAPP2
NA	ENSG00000254844	0	NA	NA	NA	NA	
NA	ENSG00000254846	0	NA	NA	NA	NA	
NA	ENSG00000254847	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000254848	0	NA	NA	NA	NA	OR5BN1P
NA	ENSG00000254850	0	NA	NA	NA	NA	
NA	ENSG00000254851	0	NA	NA	NA	NA	
642799	ENSG00000254852	6.49471556	-0.00520841	0.37061483	0.95543287	0.9817074	NPIPA2
NA	ENSG00000254853	0	NA	NA	NA	NA	
102724301	ENSG00000254854	27.8850523	-0.04955259	0.28907418	0.79475683	0.90579008	
NA	ENSG00000254855	2.27934238	0.03626941	0.37674145	0.68166091	NA	
NA	ENSG00000254856	0	NA	NA	NA	NA	NDUFA3P2
NA	ENSG00000254857	0	NA	NA	NA	NA	MRGPRX12P
84769	ENSG00000254858	272.275845	0.11542563	0.17344342	0.45611006	0.67958359	MPV17L2
NA	ENSG00000254859	0	NA	NA	NA	NA	
493900	ENSG00000254860	157.102994	0.38687507	0.18928508	0.02003792	0.07301236	TMEM9B-AS1
NA	ENSG00000254861	0	NA	NA	NA	NA	
105376671	ENSG00000254862	0	NA	NA	NA	NA	LGR4-AS1
NA	ENSG00000254863	0	NA	NA	NA	NA	LINC02744
NA	ENSG00000254864	0	NA	NA	NA	NA	
NA	ENSG00000254865	0	NA	NA	NA	NA	
NA	ENSG00000254866	0.31689042	0.00128616	0.38336787	0.96553006	NA	DEFB109D
NA	ENSG00000254867	0.72772419	0.02659371	0.38351833	0.55898135	NA	
NA	ENSG00000254870	114.774812	0.0320442	0.20503238	0.85404937	0.9344992	TP6V1G2-DDX39B

	NA	ENSG00000254871	0	NA	NA	NA	NA	FBLIM1P2
101927503	ENSG00000254872	0.173733	0.01914545	0.38484597	0.78225479	NA	NA	LINC02688
	NA	ENSG00000254873	5.24618204	0.0515987	0.36307115	0.69869497	0.85472333	
	NA	ENSG00000254874	0	NA	NA	NA	NA	
100499484	ENSG00000254876	52.2379437	0.10125496	0.25956163	0.60252774	0.79259054	0.79259054	STRA6LP
100499484	ENSG00000254876	52.2379437	0.10125496	0.25956163	0.60252774	0.79259054	0.79259054	3UGT1P4-STRA6LP
	NA	ENSG00000254877	0	NA	NA	NA	NA	
	NA	ENSG00000254878	0	NA	NA	NA	NA	
	NA	ENSG00000254879	0	NA	NA	NA	NA	PTPRJ-AS1
103695364	ENSG00000254880	0	NA	NA	NA	NA	NA	PKNOX2-AS1
	NA	ENSG00000254883	0	NA	NA	NA	NA	
	NA	ENSG00000254884	0	NA	NA	NA	NA	PRR13P2
	NA	ENSG00000254885	0	NA	NA	NA	NA	
100505622	ENSG00000254887	0	NA	NA	NA	NA	NA	
	NA	ENSG00000254888	0	NA	NA	NA	NA	
	NA	ENSG00000254889	0	NA	NA	NA	NA	
	NA	ENSG00000254890	0	NA	NA	NA	NA	
	NA	ENSG00000254891	0	NA	NA	NA	NA	OR4A9P
	NA	ENSG00000254892	0	NA	NA	NA	NA	
	NA	ENSG00000254893	0	NA	NA	NA	NA	RAP1BL
	NA	ENSG00000254894	1.72951978	0.03746236	0.38355866	0.5116907	NA	NAV2-AS1
	NA	ENSG00000254895	9.59677989	-0.10497339	0.36019256	0.50584706	0.72177288	MTCO3P15
	NA	ENSG00000254896	0	NA	NA	NA	NA	OPCML-IT1
	NA	ENSG00000254897	0	NA	NA	NA	NA	
	NA	ENSG00000254898	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000254900	0.67395238	-0.0384118	0.38688634	0.39819787	NA	
729991	ENSG00000254901	294.656789	-0.07268935	0.15472034	0.6063703	0.79607018	0.79607018	BORCS8
	NA	ENSG00000254902	0	NA	NA	NA	NA	ANO1-AS1
	NA	ENSG00000254903	0	NA	NA	NA	NA	OR8L1P
	NA	ENSG00000254905	1.27625983	-0.03043512	0.38209675	0.6066525	NA	
	NA	ENSG00000254906	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000254907	3.9427906	-7.05E-05	0.36657303	0.99751521	0.99926338	
	NA	ENSG00000254909	2.1003265	-0.02608655	0.37612862	0.75888555	NA	
	NA	ENSG00000254910	2.15922884	0.04282971	0.37977917	0.59354508	NA	
619383	ENSG00000254911	3.21314255	0.00174084	0.37098161	0.98795323	0.99589897	0.99589897	SCARNA9
100158262	ENSG00000254911	3.21314255	0.00174084	0.37098161	0.98795323	0.99589897	0.99589897	SCARNA9
	NA	ENSG00000254912	0.34746601	0.02370763	0.3853651	0.61987128	NA	
	NA	ENSG00000254913	0	NA	NA	NA	NA	

NA	ENSG00000254914	0	NA	NA	NA	NA	
NA	ENSG00000254915	0	NA	NA	NA	NA	
NA	ENSG00000254916	0	NA	NA	NA	NA	
NA	ENSG00000254917	0	NA	NA	NA	NA	OR7E15P
NA	ENSG00000254919	0	NA	NA	NA	NA	
NA	ENSG00000254920	0	NA	NA	NA	NA	
NA	ENSG00000254921	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000254923	2.23961498	0.02310137	0.37573047	0.78889915	NA	
NA	ENSG00000254924	0.76968879	-0.02084319	0.38344748	0.62019023	NA	
NA	ENSG00000254925	0	NA	NA	NA	NA	OR4C9P
NA	ENSG00000254926	0	NA	NA	NA	NA	
NA	ENSG00000254927	0	NA	NA	NA	NA	
NA	ENSG00000254928	0	NA	NA	NA	NA	
NA	ENSG00000254929	120.39438	0.1412912	0.1965244	0.40412741	0.63222582	
105376561	ENSG00000254930	0	NA	NA	NA	NA	LINC02545
NA	ENSG00000254931	12.7244815	-0.1450817	0.37548348	0.36640187	0.59565824	MTATP6P15
NA	ENSG00000254932	0	NA	NA	NA	NA	
NA	ENSG00000254933	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000254934	0	NA	NA	NA	NA	LINC00678
NA	ENSG00000254935	0	NA	NA	NA	NA	
NA	ENSG00000254936	12.1278528	0.07602682	0.34072169	0.65458404	0.82810431	
NA	ENSG00000254937	0	NA	NA	NA	NA	
NA	ENSG00000254938	0	NA	NA	NA	NA	
NA	ENSG00000254939	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000254940	0	NA	NA	NA	NA	OR4A19P
NA	ENSG00000254941	0	NA	NA	NA	NA	
NA	ENSG00000254942	0	NA	NA	NA	NA	
NA	ENSG00000254943	0	NA	NA	NA	NA	
NA	ENSG00000254944	0	NA	NA	NA	NA	ATP5PBP5
105376569	ENSG00000254946	0	NA	NA	NA	NA	LINC02751
NA	ENSG00000254947	0	NA	NA	NA	NA	OR8K4P
NA	ENSG00000254948	0	NA	NA	NA	NA	OR7E158P
NA	ENSG00000254949	0	NA	NA	NA	NA	GNG5P3
283299	ENSG00000254951	0	NA	NA	NA	NA	
NA	ENSG00000254952	0	NA	NA	NA	NA	LINC02705
NA	ENSG00000254953	0	NA	NA	NA	NA	
NA	ENSG00000254954	0	NA	NA	NA	NA	SLC2A13P1
NA	ENSG00000254957	0	NA	NA	NA	NA	

	NA	ENSG00000254959	0	NA	NA	NA	NA	INMT-MINDY4
100874251	NA	ENSG00000254960	0	NA	NA	NA	NA	KIRREL3-AS2
	NA	ENSG00000254961	0	NA	NA	NA	NA	TUBB4BP4
	NA	ENSG00000254963	0	NA	NA	NA	NA	
	NA	ENSG00000254964	0	NA	NA	NA	NA	
	NA	ENSG00000254965	0	NA	NA	NA	NA	C1DP5
	NA	ENSG00000254966	13.0748755	0.25696301	0.40900531	0.19235368	0.39461244	
101928823	NA	ENSG00000254968	0	NA	NA	NA	NA	LINC02763
	NA	ENSG00000254971	0	NA	NA	NA	NA	
	NA	ENSG00000254972	0	NA	NA	NA	NA	
	NA	ENSG00000254973	0	NA	NA	NA	NA	
	NA	ENSG00000254974	1.76277803	-0.01413179	0.3784796	0.84007925	NA	
	NA	ENSG00000254975	0	NA	NA	NA	NA	
	NA	ENSG00000254976	0	NA	NA	NA	NA	OR8B7P
	NA	ENSG00000254978	0.16735865	0.01897177	0.38482933	0.78225479	NA	ALG1L9P
	NA	ENSG00000254979	2.30372108	-0.04109002	0.3815402	0.54327196	NA	
	NA	ENSG00000254980	0	NA	NA	NA	NA	
	NA	ENSG00000254983	0	NA	NA	NA	NA	
	NA	ENSG00000254984	0.29863895	-0.02292439	0.3852726	0.68753245	NA	FTLP6
	NA	ENSG00000254985	0.54904078	0.01149871	0.38324285	0.75582038	NA	RSF1-IT2
10072	NA	ENSG00000254986	1097.45681	0.11588333	0.11720492	0.2991154	0.52612826	DPP3
	NA	ENSG00000254987	0.52119901	0.02576573	0.38568143	0.51723676	NA	
	NA	ENSG00000254988	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000254989	0	NA	NA	NA	NA	
	NA	ENSG00000254990	1.2366329	0.06912121	0.39270598	0.14374538	NA	
	NA	ENSG00000254991	0	NA	NA	NA	NA	
	NA	ENSG00000254992	0	NA	NA	NA	NA	
	NA	ENSG00000254993	0	NA	NA	NA	NA	TRIM77BP
	NA	ENSG00000254995	110.818884	0.71391521	0.24680956	0.00072245	0.00444583	STX16-NPEPL1
404734	NA	ENSG00000254996	701.796308	0.00772001	0.09977716	0.93697303	0.97351594	ANKHD1-EIF4EBP3
3846	NA	ENSG00000254997	0.53046836	0.03940882	0.38681029	0.4169741	NA	KRTAP5-9
55845	NA	ENSG00000254999	1458.78619	-0.11088336	0.07122264	0.1126853	0.27181476	BRK1
	NA	ENSG00000255000	0.46713262	-0.0281362	0.38578206	0.54800585	NA	
	NA	ENSG00000255001	0	NA	NA	NA	NA	
100128233	NA	ENSG00000255002	0	NA	NA	NA	NA	LINC02324
	NA	ENSG00000255003	0	NA	NA	NA	NA	CYCSP28
	NA	ENSG00000255004	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SLC1A2-AS1
	NA	ENSG00000255005	0	NA	NA	NA	NA	

NA	ENSG00000255006	0	NA	NA	NA	NA	ELOCP22
NA	ENSG00000255007	0	NA	NA	NA	NA	LINC02489
NA	ENSG00000255008	0.34049677	-0.00028787	0.38336248	0.96798138	NA	LINC02739
642623	ENSG00000255009	0	NA	NA	NA	NA	UBTFL1
NA	ENSG00000255010	0	NA	NA	NA	NA	COX5BP4
NA	ENSG00000255011	0	NA	NA	NA	NA	
390168	ENSG00000255012	0	NA	NA	NA	NA	OR5M1
NA	ENSG00000255014	0	NA	NA	NA	NA	ARL6IP1P3
NA	ENSG00000255015	0	NA	NA	NA	NA	
NA	ENSG00000255016	0	NA	NA	NA	NA	
NA	ENSG00000255018	0	NA	NA	NA	NA	
NA	ENSG00000255019	0	NA	NA	NA	NA	OR5D15P
100129129	ENSG00000255020	4.93258472	0.1826872	0.42213346	0.16085997	0.3488699	
NA	ENSG00000255021	0	NA	NA	NA	NA	
NA	ENSG00000255022	0	NA	NA	NA	NA	
NA	ENSG00000255025	0	NA	NA	NA	NA	
NA	ENSG00000255026	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000255027	0.52487431	0.0315777	0.38609771	0.4712151	NA	
NA	ENSG00000255028	0	NA	NA	NA	NA	
NA	ENSG00000255029	0	NA	NA	NA	NA	
NA	ENSG00000255030	0	NA	NA	NA	NA	OR8B5P
NA	ENSG00000255031	0.32509971	0.00419608	0.38342026	0.93673669	NA	
NA	ENSG00000255032	0	NA	NA	NA	NA	TSPAN18-AS1
NA	ENSG00000255033	0	NA	NA	NA	NA	SERPINA15P
NA	ENSG00000255035	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SDHCP4
57653	ENSG00000255036	141.916307	0.79431007	0.20486132	1.85E-05	0.00016736	1P4-STRA6LP-CCDC180
NA	ENSG00000255037	0	NA	NA	NA	NA	
NA	ENSG00000255038	0	NA	NA	NA	NA	
NA	ENSG00000255039	0	NA	NA	NA	NA	LINC02553
NA	ENSG00000255040	0	NA	NA	NA	NA	MORF4L1P3
NA	ENSG00000255041	0	NA	NA	NA	NA	
441601	ENSG00000255042	183.119161	-0.04822844	0.16774578	0.7480982	0.88173637	SEPTIN7P11
100874012	ENSG00000255043	0	NA	NA	NA	NA	NAV2-AS5
NA	ENSG00000255045	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000255046	5.55381074	0.06227351	0.36377376	0.64356048	0.8219015	
NA	ENSG00000255047	0	NA	NA	NA	NA	HNRNPRP2
NA	ENSG00000255048	0	NA	NA	NA	NA	OR8X1P
NA	ENSG00000255050	0	NA	NA	NA	NA	

	NA	ENSG00000255051	0	NA	NA	NA	NA	BCAS2P1
112268389	NA	ENSG00000255052	108.414704	0.66758904	0.22812372	0.0007563	0.00463118	FAM66D
	NA	ENSG00000255053	0	NA	NA	NA	NA	OR4A44P
	NA	ENSG00000255054	0.34687707	0.00027729	0.38336218	0.96583272	NA	
	NA	ENSG00000255055	0	NA	NA	NA	NA	MTND1P35
	NA	ENSG00000255057	0	NA	NA	NA	NA	
	NA	ENSG00000255058	0	NA	NA	NA	NA	PDCL2P2
	NA	ENSG00000255059	0	NA	NA	NA	NA	PPIAP43
	NA	ENSG00000255060	0	NA	NA	NA	NA	
	NA	ENSG00000255062	4.97216232	-0.05249026	0.36367142	0.68460291	0.846474	
	NA	ENSG00000255063	0	NA	NA	NA	NA	RBMXP3
	NA	ENSG00000255065	0	NA	NA	NA	NA	
	NA	ENSG00000255067	0	NA	NA	NA	NA	
	NA	ENSG00000255070	0	NA	NA	NA	NA	OSBPL9P3
100528017	NA	ENSG00000255071	0	NA	NA	NA	NA	SAA2-SAA4
	NA	ENSG00000255073	23.1060046	-0.00205801	0.38079663	0.96071621	0.98407795	ZFP91-CNTF
	NA	ENSG00000255074	0	NA	NA	NA	NA	
	NA	ENSG00000255075	0	NA	NA	NA	NA	CENPUP1
	NA	ENSG00000255076	0	NA	NA	NA	NA	
	NA	ENSG00000255077	0	NA	NA	NA	NA	OR4X7P
	NA	ENSG00000255078	0	NA	NA	NA	NA	OR4A6P
	NA	ENSG00000255079	3.7808182	-0.09889884	0.38892163	0.32841149	0.55685955	LINC02704
	NA	ENSG00000255081	0	NA	NA	NA	NA	
100873989	NA	ENSG00000255082	0.77095274	-0.05539295	0.38928908	0.28076697	NA	GRM5-AS1
	NA	ENSG00000255083	0	NA	NA	NA	NA	OR5AK1P
101928896	NA	ENSG00000255084	0	NA	NA	NA	NA	
	NA	ENSG00000255085	61.0857696	-0.0448305	0.23930082	0.80953636	0.91359357	
	NA	ENSG00000255086	0	NA	NA	NA	NA	
101929473	NA	ENSG00000255087	0.34746601	0.02370763	0.3853651	0.61987128	NA	
	NA	ENSG00000255088	0	NA	NA	NA	NA	
	NA	ENSG00000255089	0	NA	NA	NA	NA	
	NA	ENSG00000255091	0	NA	NA	NA	NA	
	NA	ENSG00000255092	0	NA	NA	NA	NA	
	NA	ENSG00000255093	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000255094	1.18420012	-0.02883548	0.38115074	0.64774756	NA	
653166	NA	ENSG00000255095	0	NA	NA	NA	NA	OR1D4
	NA	ENSG00000255096	0	NA	NA	NA	NA	OR5B10P
	NA	ENSG00000255097	0	NA	NA	NA	NA	

NA	ENSG00000255099	0	NA	NA	NA	NA	
101928837	ENSG00000255100	1.90819174	-0.02341799	0.37706702	0.76940707	NA	
NA	ENSG00000255101	0	NA	NA	NA	NA	
NA	ENSG00000255102	0	NA	NA	NA	NA	
NA	ENSG00000255104	11.7326516	-0.1654731	0.370294	0.34723601	0.57794986	
NA	ENSG00000255105	0	NA	NA	NA	NA	PTMAP15
NA	ENSG00000255106	0	NA	NA	NA	NA	
NA	ENSG00000255107	0	NA	NA	NA	NA	
NA	ENSG00000255108	1.59842581	-0.04250081	0.38164674	0.55078759	NA	
NA	ENSG00000255109	0	NA	NA	NA	NA	LINC02740
NA	ENSG00000255110	0	NA	NA	NA	NA	
NA	ENSG00000255111	0	NA	NA	NA	NA	
57132	ENSG00000255112	1048.72306	0.50672471	0.08583698	1.42E-09	2.40E-08	CHMP1B
NA	ENSG00000255113	0	NA	NA	NA	NA	OR4A48P
NA	ENSG00000255114	0.32329567	0.00159742	0.38337058	0.96578818	NA	
NA	ENSG00000255115	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000255116	0	NA	NA	NA	NA	SLC5A4P1
105376606	ENSG00000255117	0	NA	NA	NA	NA	LINC02546
NA	ENSG00000255118	0	NA	NA	NA	NA	
NA	ENSG00000255119	0	NA	NA	NA	NA	
101927828	ENSG00000255120	0	NA	NA	NA	NA	OVOL1-AS1
NA	ENSG00000255121	42.8408892	0.22160748	0.30530616	0.28638709	0.51225386	CENATAC-DT
NA	ENSG00000255122	0	NA	NA	NA	NA	
NA	ENSG00000255123	0	NA	NA	NA	NA	MTND5P21
NA	ENSG00000255126	0	NA	NA	NA	NA	
NA	ENSG00000255127	0	NA	NA	NA	NA	
NA	ENSG00000255128	0	NA	NA	NA	NA	HSPD1P3
NA	ENSG00000255129	12.5714408	-0.05768748	0.34653886	0.71080347	0.86115906	
NA	ENSG00000255130	0	NA	NA	NA	NA	
NA	ENSG00000255131	0	NA	NA	NA	NA	OR9L1P
NA	ENSG00000255132	0	NA	NA	NA	NA	
NA	ENSG00000255133	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02721
NA	ENSG00000255134	0	NA	NA	NA	NA	OR8K2P
NA	ENSG00000255135	112.819111	-0.04077258	0.19728122	0.81029574	0.9140475	
NA	ENSG00000255136	6.39074278	-0.13041416	0.40604372	0.14937075	0.33213215	
NA	ENSG00000255138	0	NA	NA	NA	NA	GLTPP1
NA	ENSG00000255139	3.82754281	0.14875701	0.40510144	0.21603457	0.42681994	
NA	ENSG00000255140	0	NA	NA	NA	NA	OR5BN2P

NA	ENSG00000255141	0	NA	NA	NA	NA	HNRNPA1P76
NA	ENSG00000255142	0.77324326	-0.02929627	0.38363823	0.55708665	NA	
NA	ENSG00000255143	0	NA	NA	NA	NA	
NA	ENSG00000255144	0	NA	NA	NA	NA	
NA	ENSG00000255145	21.1405872	0.41587346	0.46151424	0.08486099	0.22086345	STX17-AS1
NA	ENSG00000255146	0	NA	NA	NA	NA	
NA	ENSG00000255147	0	NA	NA	NA	NA	
NA	ENSG00000255148	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000255149	0	NA	NA	NA	NA	
493861	ENSG00000255150	11.9122176	1.65011144	0.81607279	0.00198106	0.01061414	EID3
100287520	ENSG00000255151	0	NA	NA	NA	NA	GLYATL1B
NA	ENSG00000255152	275.842274	-0.05044017	0.17002079	0.73968172	0.8770894	MSH5-SAPCD1
255512	ENSG00000255153	7.52005209	-0.14130376	0.377733	0.36483391	0.59432668	TOLLIP-AS1
109703458	ENSG00000255154	147.883289	0.07559537	0.17200745	0.62436037	0.80857113	HTD2
NA	ENSG00000255155	0	NA	NA	NA	NA	
NA	ENSG00000255156	0	NA	NA	NA	NA	RNY1P9
NA	ENSG00000255157	0	NA	NA	NA	NA	DEFB130C
NA	ENSG00000255158	0.68098728	0.02398609	0.38332048	0.59301239	NA	
NA	ENSG00000255159	0.34713168	-0.00073071	0.38336405	0.97536682	NA	
NA	ENSG00000255160	0.8763205	0.01174451	0.38022444	0.84524216	NA	
NA	ENSG00000255161	0	NA	NA	NA	NA	
NA	ENSG00000255162	0	NA	NA	NA	NA	
NA	ENSG00000255163	0	NA	NA	NA	NA	HSPE1P18
NA	ENSG00000255164	0	NA	NA	NA	NA	
NA	ENSG00000255165	0.34022711	0.00290782	0.38338966	0.96069084	NA	
NA	ENSG00000255166	0	NA	NA	NA	NA	
NA	ENSG00000255167	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000255169	0	NA	NA	NA	NA	LINC02722
NA	ENSG00000255170	0	NA	NA	NA	NA	
102723644	ENSG00000255171	0	NA	NA	NA	NA	LINC01499
NA	ENSG00000255172	0	NA	NA	NA	NA	OR5AM1P
NA	ENSG00000255173	0	NA	NA	NA	NA	
NA	ENSG00000255174	0	NA	NA	NA	NA	
103312105	ENSG00000255175	0	NA	NA	NA	NA	LINC02759
NA	ENSG00000255176	6.05706651	0.04374659	0.36014357	0.7459036	0.8802926	
112577518	ENSG00000255177	0	NA	NA	NA	NA	MUC5B-AS1
101928944	ENSG00000255178	0	NA	NA	NA	NA	LINC02720
NA	ENSG00000255179	0	NA	NA	NA	NA	

100130274	ENSG00000255181	0	NA	NA	NA	NA	CCDC166
NA	ENSG00000255182	213.368973	0.50471273	0.17974815	0.00177981	0.00968232	
105369423	ENSG00000255183	0	NA	NA	NA	NA	LINC02711
NA	ENSG00000255184	0	NA	NA	NA	NA	
NA	ENSG00000255185	10.7753549	0.46423806	0.69247011	0.03844478	0.12194154	PDXDC2P
NA	ENSG00000255186	0	NA	NA	NA	NA	
NA	ENSG00000255187	0	NA	NA	NA	NA	LINC02748
NA	ENSG00000255188	0	NA	NA	NA	NA	
NA	ENSG00000255189	0	NA	NA	NA	NA	GLYATL1P1
NA	ENSG00000255190	0	NA	NA	NA	NA	TRIM51DP
NA	ENSG00000255191	0	NA	NA	NA	NA	
388112	ENSG00000255192	4.69200264	-0.00082634	0.36164633	0.99270309	0.99756121	NANOGP8
NA	ENSG00000255193	0	NA	NA	NA	NA	LINC02726
NA	ENSG00000255196	0	NA	NA	NA	NA	OR4A17P
NA	ENSG00000255197	3.01589468	-0.08935477	0.38585785	0.35817497	0.58850446	
NA	ENSG00000255198	14.508161	-0.04263926	0.33203064	0.80137459	0.90902045	SNHG9
NA	ENSG00000255199	0.68114393	0.00534832	0.38248141	0.90054478	NA	GTF2IP11
NA	ENSG00000255200	4.17851045	0.00116609	0.36738582	0.99361045	0.99798514	PGAM1P8
NA	ENSG00000255201	0	NA	NA	NA	NA	
NA	ENSG00000255202	0.5221374	0.01064597	0.38325462	0.77359506	NA	
NA	ENSG00000255203	0	NA	NA	NA	NA	OR7E2P
NA	ENSG00000255204	0	NA	NA	NA	NA	
NA	ENSG00000255205	0	NA	NA	NA	NA	MED28P5
NA	ENSG00000255206	0	NA	NA	NA	NA	
NA	ENSG00000255207	0	NA	NA	NA	NA	
NA	ENSG00000255209	0	NA	NA	NA	NA	
NA	ENSG00000255210	0	NA	NA	NA	NA	
NA	ENSG00000255211	0	NA	NA	NA	NA	
NA	ENSG00000255213	0	NA	NA	NA	NA	NPM1P35
NA	ENSG00000255214	0	NA	NA	NA	NA	
NA	ENSG00000255215	0	NA	NA	NA	NA	OR4R1P
NA	ENSG00000255216	3.05017703	-0.14225393	0.41439836	0.10318572	0.25514879	
NA	ENSG00000255217	0	NA	NA	NA	NA	OR5J7P
NA	ENSG00000255218	0	NA	NA	NA	NA	OR5BC1P
NA	ENSG00000255219	0	NA	NA	NA	NA	
NA	ENSG00000255220	0	NA	NA	NA	NA	DDX18P5
440068	ENSG00000255221	0	NA	NA	NA	NA	CARD17
NA	ENSG00000255222	0.36273979	0.00127004	0.38336694	0.96381929	NA	SETP17

219487	ENSG00000255223	0	NA	NA	NA	NA	OR5M11
NA	ENSG00000255224	69.3660232	-0.17822198	0.23906198	0.3470514	0.5778365	
NA	ENSG00000255225	0	NA	NA	NA	NA	OR8B6P
NA	ENSG00000255226	0	NA	NA	NA	NA	LINC02690
NA	ENSG00000255227	0	NA	NA	NA	NA	
NA	ENSG00000255229	0	NA	NA	NA	NA	
NA	ENSG00000255230	0	NA	NA	NA	NA	
NA	ENSG00000255231	0.173124	-0.01911262	0.38486262	0.84537521	NA	MRPS36P4
NA	ENSG00000255232	0	NA	NA	NA	NA	
NA	ENSG00000255233	0	NA	NA	NA	NA	
NA	ENSG00000255234	1.79694902	0.04316035	0.38009515	0.58520137	NA	
NA	ENSG00000255235	0	NA	NA	NA	NA	
NA	ENSG00000255236	7.12968684	0.21590614	0.42371781	0.18166241	0.37914815	
NA	ENSG00000255237	0.63337965	0.00198549	0.38251254	0.96128281	NA	
NA	ENSG00000255238	0	NA	NA	NA	NA	RFPL4AP1
NA	ENSG00000255239	0	NA	NA	NA	NA	TREHP1
283194	ENSG00000255240	0.54286655	-0.03082041	0.38594551	0.55027088	NA	
NA	ENSG00000255241	0	NA	NA	NA	NA	
NA	ENSG00000255244	0	NA	NA	NA	NA	
100533181	ENSG00000255245	2.50705539	-0.03143199	0.37768257	0.69708089	NA	FXYD6-FXYD2
NA	ENSG00000255246	0	NA	NA	NA	NA	
NA	ENSG00000255247	0.3167846	0.0011856	0.38336707	0.96649368	NA	NECTIN1-AS1
399959	ENSG00000255248	8.46564336	0.03660678	0.35432055	0.79932416	0.90803676	MIR100HG
NA	ENSG00000255250	0.69940711	-0.00338966	0.3812772	0.94947376	NA	
100131608	ENSG00000255251	0	NA	NA	NA	NA	PRR23D1
100133251	ENSG00000255251	0	NA	NA	NA	NA	PRR23D1
NA	ENSG00000255252	0	NA	NA	NA	NA	
NA	ENSG00000255253	0	NA	NA	NA	NA	
NA	ENSG00000255254	0	NA	NA	NA	NA	HIGD1AP5
NA	ENSG00000255255	0	NA	NA	NA	NA	PPP1R1AP1
NA	ENSG00000255256	0	NA	NA	NA	NA	
646522	ENSG00000255258	0	NA	NA	NA	NA	LINC02743
NA	ENSG00000255259	0	NA	NA	NA	NA	ZNF123P
NA	ENSG00000255260	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000255261	0	NA	NA	NA	NA	OR7E4P
NA	ENSG00000255262	0	NA	NA	NA	NA	ELOBP2
NA	ENSG00000255265	0	NA	NA	NA	NA	TMA16P1
NA	ENSG00000255266	0	NA	NA	NA	NA	

399886	ENSG00000255267	0	NA	NA	NA	NA	LINC02687
NA	ENSG00000255268	0	NA	NA	NA	NA	
NA	ENSG00000255269	0	NA	NA	NA	NA	LINC02710
NA	ENSG00000255270	0	NA	NA	NA	NA	NAV2-IT1
NA	ENSG00000255271	0	NA	NA	NA	NA	
NA	ENSG00000255272	0	NA	NA	NA	NA	
NA	ENSG00000255273	0	NA	NA	NA	NA	
NA	ENSG00000255274	0	NA	NA	NA	NA	SMIM35
NA	ENSG00000255276	0.18922458	0.01954053	0.38488496	0.78225479	NA	RRM1-AS1
730013	ENSG00000255277	8.35352077	-0.08071567	0.36237377	0.57440926	0.77352065	ABCC6P2
NA	ENSG00000255279	0	NA	NA	NA	NA	
NA	ENSG00000255280	0	NA	NA	NA	NA	
NA	ENSG00000255281	0	NA	NA	NA	NA	
100288077	ENSG00000255282	0	NA	NA	NA	NA	WTAPP1
NA	ENSG00000255283	0	NA	NA	NA	NA	
171391	ENSG00000255284	46.0342442	0.24088853	0.29757565	0.24711203	0.46606087	
NA	ENSG00000255285	0	NA	NA	NA	NA	
NA	ENSG00000255286	0	NA	NA	NA	NA	
NA	ENSG00000255287	0	NA	NA	NA	NA	SNRPGP16
NA	ENSG00000255288	0	NA	NA	NA	NA	
NA	ENSG00000255289	0	NA	NA	NA	NA	
NA	ENSG00000255291	0.173124	-0.01911262	0.38486262	0.84537521	NA	HMGB1P40
NA	ENSG00000255292	2.2477921	0.02716619	0.37806626	0.72882748	NA	
NA	ENSG00000255293	0	NA	NA	NA	NA	WIZP1
NA	ENSG00000255294	0	NA	NA	NA	NA	OR4A50P
NA	ENSG00000255295	0	NA	NA	NA	NA	H3P34
NA	ENSG00000255296	0	NA	NA	NA	NA	
NA	ENSG00000255297	0	NA	NA	NA	NA	OR4A41P
219865	ENSG00000255298	0	NA	NA	NA	NA	OR8G5
NA	ENSG00000255299	0	NA	NA	NA	NA	
NA	ENSG00000255300	0	NA	NA	NA	NA	LINC02745
NA	ENSG00000255301	0	NA	NA	NA	NA	
23741	ENSG00000255302	2347.19734	-0.17084499	0.0766481	0.02270947	0.08064878	EID1
NA	ENSG00000255303	0	NA	NA	NA	NA	OR5BA1P
NA	ENSG00000255304	0	NA	NA	NA	NA	OR4A46P
NA	ENSG00000255305	0	NA	NA	NA	NA	
NA	ENSG00000255306	1.64942575	-0.01487804	0.37676573	0.84961897	NA	
255725	ENSG00000255307	0	NA	NA	NA	NA	OR52B2

NA	ENSG00000255308	1.02163578	0.03152174	0.38206849	0.60153786	NA	CSRP3-AS1
NA	ENSG00000255309	0	NA	NA	NA	NA	
NA	ENSG00000255310	206.239373	-0.30521252	0.18196978	0.05730218	0.16533181	
NA	ENSG00000255311	0	NA	NA	NA	NA	DLG2-AS2
NA	ENSG00000255312	0	NA	NA	NA	NA	OR4C7P
NA	ENSG00000255313	0	NA	NA	NA	NA	
101928894	ENSG00000255314	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000255315	0	NA	NA	NA	NA	OR8A3P
NA	ENSG00000255316	0	NA	NA	NA	NA	MTND6P25
NA	ENSG00000255317	0	NA	NA	NA	NA	
NA	ENSG00000255319	0.37844916	0.02407552	0.3854191	0.60038877	NA	ENPP7P8
NA	ENSG00000255320	2.43529586	0.13001996	0.40887159	0.12226372	NA	
NA	ENSG00000255321	0	NA	NA	NA	NA	
102723378	ENSG00000255323	0	NA	NA	NA	NA	LINC01495
NA	ENSG00000255325	0	NA	NA	NA	NA	
105369391	ENSG00000255326	13.4071405	-0.67149786	0.87047994	0.02582152	0.08929734	
NA	ENSG00000255327	0	NA	NA	NA	NA	LINC02697
NA	ENSG00000255328	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000255329	0.16735865	0.01897177	0.38482933	0.78225479	NA	H2AZP4
NA	ENSG00000255330	3513.43535	-0.54657267	0.06739797	1.80E-16	5.41E-15	
NA	ENSG00000255331	0	NA	NA	NA	NA	
NA	ENSG00000255332	0	NA	NA	NA	NA	LINC02756
NA	ENSG00000255333	0	NA	NA	NA	NA	
NA	ENSG00000255334	0	NA	NA	NA	NA	
102723330	ENSG00000255335	0	NA	NA	NA	NA	LINC02729
NA	ENSG00000255336	0	NA	NA	NA	NA	
101928424	ENSG00000255337	2.34766322	0.138215	0.41277072	0.11200338	NA	
NA	ENSG00000255338	0	NA	NA	NA	NA	
NA	ENSG00000255339	45.4591538	-0.11868581	0.27144254	0.54485118	0.75256526	
NA	ENSG00000255340	0	NA	NA	NA	NA	
NA	ENSG00000255341	0	NA	NA	NA	NA	OR8Q1P
NA	ENSG00000255342	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000255343	0	NA	NA	NA	NA	
NA	ENSG00000255344	0	NA	NA	NA	NA	LINC02706
NA	ENSG00000255345	4.3558774	-0.00977185	0.36470763	0.93103697	0.97122738	
79400	ENSG00000255346	1.72347992	0.01891012	0.38009834	0.81526086	NA	NOX5
NA	ENSG00000255347	0	NA	NA	NA	NA	
NA	ENSG00000255348	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

	NA	ENSG00000255349	0	NA	NA	NA	NA	OR4A7P
	NA	ENSG00000255350	29.3624903	-0.89220794	0.52366292	0.00780993	0.03383165	MTCO1P15
	NA	ENSG00000255351	0.36299265	0.02389503	0.38539245	0.6099477	NA	
	NA	ENSG00000255352	0	NA	NA	NA	NA	PPP1R10P1
	NA	ENSG00000255353	0	NA	NA	NA	NA	ASS1P13
	NA	ENSG00000255355	0	NA	NA	NA	NA	
	NA	ENSG00000255356	0	NA	NA	NA	NA	
	NA	ENSG00000255357	0	NA	NA	NA	NA	
	NA	ENSG00000255358	0	NA	NA	NA	NA	NDUFAF2P2
100500938	NA	ENSG00000255359	0	NA	NA	NA	NA	CCDC179
	NA	ENSG00000255360	0	NA	NA	NA	NA	
	NA	ENSG00000255361	0	NA	NA	NA	NA	
	NA	ENSG00000255362	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC02761
	NA	ENSG00000255363	1.36005098	-0.08337533	0.39628134	0.11491599	NA	LINC02757
	NA	ENSG00000255364	0	NA	NA	NA	NA	SMILR
	NA	ENSG00000255365	0	NA	NA	NA	NA	
	NA	ENSG00000255366	1.47780258	-0.08372191	0.39297376	0.19259204	NA	
101927708	NA	ENSG00000255367	0.45053391	-0.02733874	0.38571626	0.56125339	NA	
	NA	ENSG00000255368	0	NA	NA	NA	NA	
	NA	ENSG00000255369	0	NA	NA	NA	NA	
	NA	ENSG00000255370	0	NA	NA	NA	NA	CYCSP25
	NA	ENSG00000255371	0	NA	NA	NA	NA	OPCML-IT2
	NA	ENSG00000255372	0.32339798	0.00166908	0.38337135	0.96510249	NA	
259289	NA	ENSG00000255374	0	NA	NA	NA	NA	TAS2R43
259291	NA	ENSG00000255374	0	NA	NA	NA	NA	TAS2R43
	NA	ENSG00000255375	0	NA	NA	NA	NA	
	NA	ENSG00000255376	0	NA	NA	NA	NA	
	NA	ENSG00000255377	0	NA	NA	NA	NA	DUXAP5
100133251	NA	ENSG00000255378	0.48968692	-0.01119441	0.38291851	0.8209875	NA	PRR23D2
	NA	ENSG00000255379	0	NA	NA	NA	NA	CYCSP29
	NA	ENSG00000255380	0	NA	NA	NA	NA	
	NA	ENSG00000255381	0.68979381	0.02762169	0.38377994	0.56756409	NA	
105369413	NA	ENSG00000255382	0.66652023	-0.02197203	0.38253658	0.65198108	NA	LINC02734
	NA	ENSG00000255384	2.43324391	-0.08072918	0.3850059	0.3892948	NA	
	NA	ENSG00000255385	0	NA	NA	NA	NA	UBTFL10
	NA	ENSG00000255386	0	NA	NA	NA	NA	OR5BR1P
	NA	ENSG00000255387	0	NA	NA	NA	NA	RDXP1
	NA	ENSG00000255388	1.15833755	0.03354767	0.38263635	0.53949905	NA	LINC02741

NA	ENSG00000255389	115.249437	-0.14144009	0.20004039	0.40738451	0.63571722	
NA	ENSG00000255390	0.30139824	-0.02296476	0.38527817	0.68536535	NA	DCHS1-AS1
NA	ENSG00000255391	0	NA	NA	NA	NA	
107987155	ENSG00000255393	0	NA	NA	NA	NA	OOSP4B
NA	ENSG00000255395	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000255396	0	NA	NA	NA	NA	
NA	ENSG00000255397	0.85366502	0.04475961	0.38512259	0.41659229	NA	NASPP1
8843	ENSG00000255398	0.37844916	0.02407552	0.3854191	0.60038877	NA	HCAR3
255480	ENSG00000255399	0	NA	NA	NA	NA	TBX5-AS1
NA	ENSG00000255400	0	NA	NA	NA	NA	
NA	ENSG00000255401	0	NA	NA	NA	NA	
NA	ENSG00000255402	0	NA	NA	NA	NA	
NA	ENSG00000255403	0.33471731	0.02354391	0.38534154	0.62842204	NA	HSPD1P13
NA	ENSG00000255404	0	NA	NA	NA	NA	
NA	ENSG00000255406	0.82850511	-0.04683647	0.38808053	0.30945523	NA	LINC02730
56145	ENSG00000255408	164.225931	0.15633682	0.1721223	0.31001534	0.53774299	PCDHA3
NA	ENSG00000255409	0.173124	-0.01911262	0.38486262	0.84537521	NA	RSF1-IT1
NA	ENSG00000255410	3.92732574	-0.06779183	0.38022197	0.47730468	0.69913066	
NA	ENSG00000255411	0	NA	NA	NA	NA	LINC02548
NA	ENSG00000255413	0	NA	NA	NA	NA	
NA	ENSG00000255415	0	NA	NA	NA	NA	
NA	ENSG00000255416	0	NA	NA	NA	NA	OR10AF1P
NA	ENSG00000255417	9.15128191	-0.35038932	0.55128195	0.06366954	0.17916619	MTCO2P15
NA	ENSG00000255418	0.32662539	-0.02328749	0.38532375	0.6672247	NA	LINC02718
103581031	ENSG00000255420	0	NA	NA	NA	NA	CASC23
NA	ENSG00000255421	0	NA	NA	NA	NA	
105369519	ENSG00000255422	0	NA	NA	NA	NA	
55096	ENSG00000255423	71.7960815	0.4428407	0.27106106	0.03709754	0.11861648	EBLN2
NA	ENSG00000255424	0	NA	NA	NA	NA	MRGPRX9P
NA	ENSG00000255425	0	NA	NA	NA	NA	OR8G3P
NA	ENSG00000255426	0	NA	NA	NA	NA	
NA	ENSG00000255427	0	NA	NA	NA	NA	LINC02707
100132078	ENSG00000255428	0	NA	NA	NA	NA	
NA	ENSG00000255429	0	NA	NA	NA	NA	
NA	ENSG00000255430	0	NA	NA	NA	NA	CASP1P1
NA	ENSG00000255431	0	NA	NA	NA	NA	OR5B19P
NA	ENSG00000255432	1.31127549	0.00551581	0.37900706	0.93477663	NA	
101927120	ENSG00000255433	24.1665783	-3.9614279	0.70600003	2.46E-09	4.01E-08	LINC02735

NA	ENSG00000255434	6.99764447	-0.40369363	0.64813467	0.03856825	0.12219644	
NA	ENSG00000255435	18.9692652	-0.01482525	0.33074987	0.92718985	0.96953959	
NA	ENSG00000255437	0	NA	NA	NA	NA	
NA	ENSG00000255438	3.15431141	-0.17568945	0.42900104	0.10394781	0.25666764	
NA	ENSG00000255439	90.3622321	0.18352878	0.22764782	0.3215093	0.54918161	
NA	ENSG00000255440	0	NA	NA	NA	NA	
NA	ENSG00000255441	8.82541032	0.3784964	0.59671775	0.04936561	0.14763547	SIGLEC10-AS1
NA	ENSG00000255442	0	NA	NA	NA	NA	
NA	ENSG00000255443	0	NA	NA	NA	NA	CD44-AS1
NA	ENSG00000255444	0	NA	NA	NA	NA	CYCSP27
NA	ENSG00000255445	12.8626167	0.07674944	0.33761684	0.65689123	0.82968692	
NA	ENSG00000255446	0	NA	NA	NA	NA	
NA	ENSG00000255447	0	NA	NA	NA	NA	
NA	ENSG00000255448	0	NA	NA	NA	NA	
NA	ENSG00000255449	3.42051994	0.08511609	0.38195871	0.42653555	0.65231368	
NA	ENSG00000255450	0	NA	NA	NA	NA	
NA	ENSG00000255451	0	NA	NA	NA	NA	
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NA	ENSG00000255457	0	NA	NA	NA	NA	
NA	ENSG00000255458	38.2094006	0.10514338	0.27721675	0.59262576	0.78702605	
NA	ENSG00000255459	0	NA	NA	NA	NA	
NA	ENSG00000255460	0	NA	NA	NA	NA	ZDHHC20P3
NA	ENSG00000255461	0	NA	NA	NA	NA	OR8I1P
NA	ENSG00000255462	0	NA	NA	NA	NA	
NA	ENSG00000255463	0	NA	NA	NA	NA	
NA	ENSG00000255464	0	NA	NA	NA	NA	SEPTIN14P8
NA	ENSG00000255466	0	NA	NA	NA	NA	OR5AL2P
NA	ENSG00000255467	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
102724064	ENSG00000255468	82.0094628	-0.31284381	0.25811928	0.1188911	0.28323721	
NA	ENSG00000255469	0	NA	NA	NA	NA	BOLA3P1
NA	ENSG00000255470	0	NA	NA	NA	NA	
NA	ENSG00000255471	0.49258168	0.01178666	0.38342011	0.77729199	NA	
NA	ENSG00000255472	0	NA	NA	NA	NA	
101929549	ENSG00000255474	7.18405713	0.09837557	0.37307744	0.47140378	0.69371391	GAU1
NA	ENSG00000255475	0	NA	NA	NA	NA	

101928008	ENSG00000255476	0	NA	NA	NA	NA	
	NA	ENSG00000255477	0	NA	NA	NA	
	NA	ENSG00000255478	0	NA	NA	NA	
	NA	ENSG00000255479	0	NA	NA	NA	
	NA	ENSG00000255480	0.18922458	0.01954053	0.38488496	0.78225479	
	NA	ENSG00000255481	0	NA	NA	NA	OR56A7P
102723838	ENSG00000255482	0	NA	NA	NA	NA	
	NA	ENSG00000255483	0	NA	NA	NA	
387810	ENSG00000255484	0	NA	NA	NA	NA	LINC02764
	NA	ENSG00000255485	0	NA	NA	NA	OR5G4P
	NA	ENSG00000255486	0	NA	NA	NA	
	NA	ENSG00000255487	0.85408931	-0.00913037	0.38218655	0.84642652	
	NA	ENSG00000255489	0	NA	NA	NA	
	NA	ENSG00000255490	0	NA	NA	NA	EIF4A2P5
105375743	ENSG00000255491	0	NA	NA	NA	NA	
	NA	ENSG00000255492	0	NA	NA	NA	H3P33
	NA	ENSG00000255493	0	NA	NA	NA	OR4A10P
101409254	ENSG00000255494	0	NA	NA	NA	NA	LINC00681
	NA	ENSG00000255495	42.0843743	0.45488948	0.36208824	0.05995433	0.17112559
	NA	ENSG00000255496	0	NA	NA	NA	
	NA	ENSG00000255497	0	NA	NA	NA	
	NA	ENSG00000255498	2.53841613	0.04904616	0.38468251	0.43376528	
	NA	ENSG00000255499	0	NA	NA	NA	
	NA	ENSG00000255500	0.48871349	0.01152856	0.38341271	0.78249039	
59082	ENSG00000255501	0	NA	NA	NA	NA	CARD18
105369454	ENSG00000255502	0	NA	NA	NA	NA	LINC02713
	NA	ENSG00000255503	0	NA	NA	NA	
	NA	ENSG00000255504	0	NA	NA	NA	
	NA	ENSG00000255505	0	NA	NA	NA	
	NA	ENSG00000255506	0	NA	NA	NA	
100506113	ENSG00000255507	3.02012631	0.0701612	0.38463511	0.40827529	0.63640649	UVRAG-DT
	NA	ENSG00000255508	224.690353	0.27229183	0.16515032	0.06756951	0.18665906
	NA	ENSG00000255510	0	NA	NA	NA	OR8A2P
	NA	ENSG00000255511	0	NA	NA	NA	
	NA	ENSG00000255512	0	NA	NA	NA	LINC02684
	NA	ENSG00000255513	4.35023257	0.1025126	0.38621537	0.36231735	0.59197696
	NA	ENSG00000255514	0	NA	NA	NA	OR4B2P
	NA	ENSG00000255515	0	NA	NA	NA	

NA	ENSG00000255516	0	NA	NA	NA	NA	
101928069	ENSG00000255517	43.4884541	0.08849001	0.27068975	0.65062164	0.82544657	
NA	ENSG00000255519	0	NA	NA	NA	NA	
NA	ENSG00000255520	0	NA	NA	NA	NA	
100507144	ENSG00000255521	0	NA	NA	NA	NA	
NA	ENSG00000255522	0	NA	NA	NA	NA	SNRPCP5
NA	ENSG00000255523	0	NA	NA	NA	NA	
728734	ENSG00000255524	1.7153588	0.07787132	0.39229993	0.17074099	NA	NPIP8
NA	ENSG00000255525	0	NA	NA	NA	NA	
100528064	ENSG00000255526	5.19697197	-0.01634	0.36107418	0.89489891	0.95469109	NEDD8-MDP1
NA	ENSG00000255527	0	NA	NA	NA	NA	
NA	ENSG00000255528	0	NA	NA	NA	NA	
81488	ENSG00000255529	1026.63201	-0.30455382	0.10022033	0.00158429	0.0087898	POLR2M
NA	ENSG00000255530	0	NA	NA	NA	NA	
NA	ENSG00000255531	0	NA	NA	NA	NA	NDUFS5P6
NA	ENSG00000255532	0	NA	NA	NA	NA	
NA	ENSG00000255533	0	NA	NA	NA	NA	
NA	ENSG00000255534	0	NA	NA	NA	NA	OR4A43P
NA	ENSG00000255535	0	NA	NA	NA	NA	
NA	ENSG00000255536	0	NA	NA	NA	NA	MRGPRX5P
403312	ENSG00000255537	1.82546307	-0.10752407	0.40133844	0.12113435	NA	
81343	ENSG00000255538	0.30139824	-0.02296476	0.38527817	0.68536535	NA	OR10V2P
NA	ENSG00000255539	0	NA	NA	NA	NA	
NA	ENSG00000255540	0	NA	NA	NA	NA	
NA	ENSG00000255541	0	NA	NA	NA	NA	CKS1BP4
NA	ENSG00000255542	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000255543	0	NA	NA	NA	NA	
NA	ENSG00000255544	0	NA	NA	NA	NA	DEFB108D
NA	ENSG00000255545	61.369337	-0.67636579	0.37652179	0.01149676	0.04653421	B3GAT1-DT
NA	ENSG00000255547	0	NA	NA	NA	NA	RPA2P3
NA	ENSG00000255548	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
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NA	ENSG00000255550	0	NA	NA	NA	NA	
NA	ENSG00000255551	0	NA	NA	NA	NA	
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NA	ENSG00000255553	0	NA	NA	NA	NA	LINC02733
NA	ENSG00000255554	0	NA	NA	NA	NA	OR7E1P
NA	ENSG00000255555	0	NA	NA	NA	NA	

NA	ENSG00000255556	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000255557	0.5037328	0.01215445	0.38341653	0.76973558	NA	
NA	ENSG00000255558	0	NA	NA	NA	NA	
286103	ENSG00000255559	10.2382277	0.18669391	0.39117314	0.27532837	0.4994071	ZNF252P-AS1
NA	ENSG00000255560	0	NA	NA	NA	NA	OR4R2P
91893	ENSG00000255561	90.6939304	0.20159623	0.22533508	0.27520243	0.49926995	FDXACB1
NA	ENSG00000255562	0	NA	NA	NA	NA	UNC93B6
NA	ENSG00000255563	0	NA	NA	NA	NA	
NA	ENSG00000255565	0	NA	NA	NA	NA	
NA	ENSG00000255566	3.0055489	0.01857793	0.37267284	0.8477207	0.93071088	
103091865	ENSG00000255568	5.57296559	-0.18302855	0.4235547	0.15368401	0.33878786	BRWD1-AS2
NA	ENSG00000255569	0	NA	NA	NA	NA	TRAV1-1
254559	ENSG00000255571	544.41846	-1.80909668	0.11288233	6.11E-59	7.72E-57	MIR9-3HG
NA	ENSG00000255572	0	NA	NA	NA	NA	
NA	ENSG00000255575	0	NA	NA	NA	NA	
NA	ENSG00000255580	0.34443086	0.00377758	0.38340882	0.95158641	NA	
NA	ENSG00000255581	0	NA	NA	NA	NA	
26534	ENSG00000255582	0	NA	NA	NA	NA	OR10G2
NA	ENSG00000255583	0.49102231	-0.0078578	0.38273203	0.85228226	NA	
651337	ENSG00000255585	17.1238216	-0.01626171	0.33123224	0.92095643	0.96670947	
401258	ENSG00000255587	0.32287454	0.00126228	0.38336746	0.96899347	NA	RAB44
101927531	ENSG00000255595	0	NA	NA	NA	NA	
NA	ENSG00000255599	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000255605	0	NA	NA	NA	NA	
NA	ENSG00000255606	0	NA	NA	NA	NA	
NA	ENSG00000255608	0	NA	NA	NA	NA	
NA	ENSG00000255618	13.1994443	-1.4051618	0.89980439	0.00475806	0.02227463	LINC02440
NA	ENSG00000255621	0.36237392	0.00090454	0.3833644	0.96725988	NA	
NA	ENSG00000255622	21.7335746	0.41310027	0.45578472	0.08666117	0.22434207	PCDHB17P
NA	ENSG00000255624	22.6303674	0.06889208	0.31645561	0.71115333	0.86120368	C10orf88B
NA	ENSG00000255627	0	NA	NA	NA	NA	
NA	ENSG00000255628	0	NA	NA	NA	NA	
NA	ENSG00000255629	0	NA	NA	NA	NA	
NA	ENSG00000255633	0	NA	NA	NA	NA	MTRNR2L9
NA	ENSG00000255639	45.3406583	0.23381499	0.3177578	0.26465373	0.48691598	
NA	ENSG00000255641	0	NA	NA	NA	NA	
NA	ENSG00000255642	0.173733	0.01914545	0.38484597	0.78225479	NA	PABPC1P4
NA	ENSG00000255644	0.34044905	-9.41E-05	0.38336216	0.96614477	NA	

731157	ENSG00000255647	0.47369839	-0.03508186	0.38628702	0.49562572	NA	
NA	ENSG00000255648	0	NA	NA	NA	NA	
NA	ENSG00000255649	0	NA	NA	NA	NA	
84983	ENSG00000255650	17.4552317	-1.56805799	0.68823971	0.0011798	0.00682424	FAM222A-AS1
NA	ENSG00000255652	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000255653	0	NA	NA	NA	NA	
NA	ENSG00000255655	1.07084424	0.07589668	0.39408253	0.14479988	NA	
100873980	ENSG00000255660	0	NA	NA	NA	NA	RERG-AS1
NA	ENSG00000255663	31.3358553	0.22894591	0.35756889	0.26470501	0.48694922	
NA	ENSG00000255664	0	NA	NA	NA	NA	ARL6IP1P1
NA	ENSG00000255666	0.38992376	-0.02377457	0.38539848	0.65899201	NA	LINC02700
NA	ENSG00000255669	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000255670	0.97083568	0.00669677	0.38010606	0.91202052	NA	
NA	ENSG00000255671	0	NA	NA	NA	NA	
NA	ENSG00000255672	1.23499332	-0.03439369	0.38270631	0.5611183	NA	
NA	ENSG00000255679	0	NA	NA	NA	NA	JRKL-AS1
NA	ENSG00000255680	0.46980664	-0.00714265	0.38322485	0.86950433	NA	
NA	ENSG00000255686	0	NA	NA	NA	NA	
NA	ENSG00000255689	1.94819613	-0.04246745	0.37759668	0.62842894	NA	
9865	ENSG00000255690	720.511357	1.23748654	0.12002047	6.54E-26	3.19E-24	TRIL
NA	ENSG00000255692	0	NA	NA	NA	NA	
NA	ENSG00000255693	0	NA	NA	NA	NA	LINC02389
NA	ENSG00000255700	0	NA	NA	NA	NA	APOOP3
NA	ENSG00000255703	0	NA	NA	NA	NA	
NA	ENSG00000255704	0	NA	NA	NA	NA	
NA	ENSG00000255710	10.9265081	-0.00686657	0.34044174	0.96350528	0.98545957	
124538	ENSG00000255713	0	NA	NA	NA	NA	OR4D2
NA	ENSG00000255714	0	NA	NA	NA	NA	LINC02460
23642	ENSG00000255717	2216.93394	-0.18770781	0.06544122	0.00356342	0.01754736	SNHG1
NA	ENSG00000255723	1.08495246	0.03262021	0.38223269	0.58607742	NA	
NA	ENSG00000255725	0	NA	NA	NA	NA	TDGP1
NA	ENSG00000255726	0	NA	NA	NA	NA	
NA	ENSG00000255727	0	NA	NA	NA	NA	LINC01489
NA	ENSG00000255730	0.18922458	0.01954053	0.38488496	0.78225479	NA	
100885789	ENSG00000255733	0.18922458	0.01954053	0.38488496	0.78225479	NA	IFNG-AS1
NA	ENSG00000255734	0	NA	NA	NA	NA	HNRNPABP1
100130776	ENSG00000255737	396.879793	-0.18916155	0.1204248	0.09646746	0.2427593	AGAP2-AS1
NA	ENSG00000255741	1.81639949	-0.06209308	0.38251652	0.4607723	NA	

NA	ENSG00000255745	0	NA	NA	NA	NA	
102723544	ENSG00000255746	0	NA	NA	NA	NA	
NA	ENSG00000255749	0	NA	NA	NA	NA	GNAI2P1
NA	ENSG00000255750	1.53779348	-0.00593244	0.37714645	0.93645894	NA	
NA	ENSG00000255753	0	NA	NA	NA	NA	
NA	ENSG00000255757	0	NA	NA	NA	NA	
NA	ENSG00000255760	0	NA	NA	NA	NA	LINC02422
NA	ENSG00000255763	0	NA	NA	NA	NA	MRPS18CP4
NA	ENSG00000255769	477.809846	0.32215629	0.11671602	0.00368148	0.01800358	GOLGA2P10
101927922	ENSG00000255772	0	NA	NA	NA	NA	LINC01479
105379407	ENSG00000255774	0	NA	NA	NA	NA	LINC02747
NA	ENSG00000255775	0	NA	NA	NA	NA	
NA	ENSG00000255776	0.61472985	-0.01907725	0.38303684	0.69427157	NA	VDAC2P2
NA	ENSG00000255780	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000255786	0	NA	NA	NA	NA	
NA	ENSG00000255790	0	NA	NA	NA	NA	
196475	ENSG00000255794	0	NA	NA	NA	NA	RMST
NA	ENSG00000255801	0	NA	NA	NA	NA	
79549	ENSG00000255804	0	NA	NA	NA	NA	OR6J1
NA	ENSG00000255807	0	NA	NA	NA	NA	PTP4A1P2
NA	ENSG00000255808	0	NA	NA	NA	NA	PDE2A-AS1
NA	ENSG00000255811	0.34746601	0.02370763	0.3853651	0.61987128	NA	
105370016	ENSG00000255814	0	NA	NA	NA	NA	LINC02439
NA	ENSG00000255815	0.46918847	-0.00816596	0.38327874	0.85830756	NA	KRT8P11
NA	ENSG00000255817	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000255819	0	NA	NA	NA	NA	KLRC4-KLRK1
100463486	ENSG00000255823	7.60152121	0.07313685	0.36331736	0.60149942	0.79200883	MTRNR2L8
NA	ENSG00000255825	0	NA	NA	NA	NA	
NA	ENSG00000255829	0	NA	NA	NA	NA	
NA	ENSG00000255830	0	NA	NA	NA	NA	
497189	ENSG00000255833	0	NA	NA	NA	NA	TIFAB
NA	ENSG00000255835	5.07477707	0.0314809	0.36753749	0.78469505	0.9020424	
NA	ENSG00000255836	0.82713705	-0.00788277	0.3808023	0.88933526	NA	
259295	ENSG00000255837	30.6970668	0.01995277	0.28677895	0.91881396	0.96558446	TAS2R20
NA	ENSG00000255838	0	NA	NA	NA	NA	
NA	ENSG00000255839	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000255843	1.1158506	-0.00529313	0.3795805	0.93331137	NA	
NA	ENSG00000255845	0	NA	NA	NA	NA	

	NA	ENSG00000255847	2.87999632	-0.00063269	0.37248944	0.9927343	0.99756121	
104169670	NA	ENSG00000255850	0	NA	NA	NA	NA	RXYLT1-AS1
	NA	ENSG00000255851	0	NA	NA	NA	NA	
	NA	ENSG00000255853	0	NA	NA	NA	NA	
	NA	ENSG00000255855	0	NA	NA	NA	NA	KDM4F
	NA	ENSG00000255856	0.8267995	0.01898809	0.38142581	0.736237	NA	
	NA	ENSG00000255857	116.077011	-0.07044935	0.20434359	0.68273524	0.84521822	PXN-AS1
	NA	ENSG00000255858	0	NA	NA	NA	NA	
	NA	ENSG00000255860	0	NA	NA	NA	NA	
	NA	ENSG00000255866	0	NA	NA	NA	NA	
100874249	NA	ENSG00000255867	13.3073234	0.08207359	0.33805533	0.63673893	0.81722218	DENND5B-AS1
	NA	ENSG00000255870	0	NA	NA	NA	NA	
	NA	ENSG00000255871	0	NA	NA	NA	NA	
	NA	ENSG00000255872	6.08965165	-0.15685829	0.40861038	0.2004186	0.40562125	
283487	NA	ENSG00000255874	1.23452424	0.0895951	0.39811902	0.10099154	NA	PRECSIT
	NA	ENSG00000255875	1.15690018	0.01553324	0.37982016	0.80996804	NA	PABPN1P2
	NA	ENSG00000255882	0	NA	NA	NA	NA	
	NA	ENSG00000255883	0	NA	NA	NA	NA	FUNDC2P1
	NA	ENSG00000255885	0	NA	NA	NA	NA	
	NA	ENSG00000255886	0	NA	NA	NA	NA	
	NA	ENSG00000255892	0	NA	NA	NA	NA	NDFIP1P1
	NA	ENSG00000255893	12.7631776	-0.01976069	0.33716842	0.90181426	0.95684234	
	NA	ENSG00000255899	0	NA	NA	NA	NA	
	NA	ENSG00000255900	0	NA	NA	NA	NA	
	NA	ENSG00000255903	0	NA	NA	NA	NA	RPL12P46
	NA	ENSG00000255909	0	NA	NA	NA	NA	PDCD5P1
	NA	ENSG00000255910	1.36752284	0.08215243	0.39306146	0.18566663	NA	
101928416	NA	ENSG00000255916	0	NA	NA	NA	NA	
	NA	ENSG00000255919	0	NA	NA	NA	NA	
103752584	NA	ENSG00000255920	0	NA	NA	NA	NA	CCND2-AS1
	NA	ENSG00000255921	0.32365234	0.00183552	0.38337326	0.96350939	NA	
	NA	ENSG00000255923	0	NA	NA	NA	NA	
	NA	ENSG00000255928	0	NA	NA	NA	NA	
105369438	NA	ENSG00000255929	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
	NA	ENSG00000255931	1.23649499	0.06916114	0.3927228	0.14329518	NA	
	NA	ENSG00000255933	5.38224802	0.0496825	0.36246569	0.70719254	0.8589348	
	NA	ENSG00000255944	0	NA	NA	NA	NA	
	NA	ENSG00000255945	0	NA	NA	NA	NA	

NA	ENSG00000255946	0	NA	NA	NA	NA	
NA	ENSG00000255947	0	NA	NA	NA	NA	
NA	ENSG00000255949	0	NA	NA	NA	NA	RPS6KB2-AS1
NA	ENSG00000255951	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000255958	0	NA	NA	NA	NA	GABARAPL1-AS1
NA	ENSG00000255959	0.32496766	0.00173181	0.38337199	0.96372963	NA	
NA	ENSG00000255960	0	NA	NA	NA	NA	
NA	ENSG00000255964	0	NA	NA	NA	NA	HSPD1P12
NA	ENSG00000255965	0	NA	NA	NA	NA	
NA	ENSG00000255966	3.15281872	-0.04149246	0.37524871	0.66273443	0.83353574	
NA	ENSG00000255967	0	NA	NA	NA	NA	HADHAP2
NA	ENSG00000255968	0.89592365	-0.00659798	0.38201651	0.88959367	NA	
101927901	ENSG00000255970	2.49674022	0.02310499	0.37524914	0.79398958	NA	LINC02421
NA	ENSG00000255972	0	NA	NA	NA	NA	
NA	ENSG00000255973	0	NA	NA	NA	NA	
1548	ENSG00000255974	0.96836516	0.00124006	0.38046106	0.98225686	NA	CYP2A6
NA	ENSG00000255976	0	NA	NA	NA	NA	RAB11AP2
NA	ENSG00000255977	0	NA	NA	NA	NA	
102724265	ENSG00000255980	0	NA	NA	NA	NA	
NA	ENSG00000255982	0.18922458	0.01954053	0.38488496	0.78225479	NA	NXPE2P1
NA	ENSG00000255983	36.3477096	0.27059965	0.31739508	0.20641793	0.41337759	
4498	ENSG00000255986	0	NA	NA	NA	NA	MT1JP
NA	ENSG00000255987	0	NA	NA	NA	NA	TOMM20P2
NA	ENSG00000255988	0	NA	NA	NA	NA	TUBB4BP1
NA	ENSG00000255991	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000255992	2.03579158	0.00811392	0.37527786	0.92436591	NA	
NA	ENSG00000255993	0	NA	NA	NA	NA	PSMC1P9
NA	ENSG00000255995	0	NA	NA	NA	NA	
NA	ENSG00000255996	0	NA	NA	NA	NA	
NA	ENSG00000255998	0	NA	NA	NA	NA	LINC02824
NA	ENSG00000256001	2.79232138	-0.0222829	0.37475983	0.79668305	0.90658744	
NA	ENSG00000256004	0	NA	NA	NA	NA	
NA	ENSG00000256006	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000256007	0	NA	NA	NA	NA	ARAP1-AS1
NA	ENSG00000256008	0.97318397	-0.0109701	0.38032829	0.85522985	NA	
NA	ENSG00000256011	0	NA	NA	NA	NA	
NA	ENSG00000256013	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000256019	0	NA	NA	NA	NA	TAS2R63P

NA	ENSG00000256020	0	NA	NA	NA	NA	
NA	ENSG00000256021	0	NA	NA	NA	NA	ELOCP31
101927637	ENSG00000256022	0	NA	NA	NA	NA	LINC02411
100874234	ENSG00000256025	0.81848586	-0.04645744	0.3880266	0.31276777	NA	CACNA1C-AS4
NA	ENSG00000256028	202.650175	0.3574259	0.16452955	0.01640754	0.06205214	
NA	ENSG00000256029	9.88758119	2.89429885	1.11990866	0.00050516	0.0032561	
NA	ENSG00000256030	0.44951096	-0.02728878	0.38571217	0.56209938	NA	CBX3P4
NA	ENSG00000256034	0	NA	NA	NA	NA	
NA	ENSG00000256035	0	NA	NA	NA	NA	
NA	ENSG00000256037	0	NA	NA	NA	NA	MRPL40P1
NA	ENSG00000256039	0	NA	NA	NA	NA	LINC02446
493913	ENSG00000256040	7.35231265	-0.07143522	0.3789095	0.4914492	0.71071887	PAPPA-AS1
NA	ENSG00000256041	0	NA	NA	NA	NA	
1519	ENSG00000256043	88.9934955	0.48489858	0.27402525	0.02464562	0.08617715	CTSO
NA	ENSG00000256044	0	NA	NA	NA	NA	
100463488	ENSG00000256045	0	NA	NA	NA	NA	MTRNR2L10
84334	ENSG00000256053	211.24638	-0.09013393	0.16253089	0.53931133	0.74850934	COA8
NA	ENSG00000256056	0.16735865	0.01897177	0.38482933	0.78225479	NA	
10597	ENSG00000256060	95.634252	0.3015335	0.22741965	0.10780606	0.26339391	TRAPPC2B
161582	ENSG00000256061	89.8045048	0.32784233	0.27571637	0.11554626	0.27736694	DNAAF4
NA	ENSG00000256064	7.68027824	0.0934757	0.3614805	0.53860161	0.74830924	
3	ENSG00000256069	0.16735865	0.01897177	0.38482933	0.78225479	NA	A2MP1
NA	ENSG00000256070	0	NA	NA	NA	NA	
NA	ENSG00000256071	0	NA	NA	NA	NA	
NA	ENSG00000256072	0	NA	NA	NA	NA	
84996	ENSG00000256073	84.9076106	-0.04611339	0.2111632	0.79280335	0.90517456	URB1-AS1
NA	ENSG00000256075	0	NA	NA	NA	NA	
NA	ENSG00000256077	0	NA	NA	NA	NA	LINC02442
NA	ENSG00000256079	0.64812824	0.00795132	0.38147533	0.87715842	NA	FAM133GP
NA	ENSG00000256081	0	NA	NA	NA	NA	
NA	ENSG00000256083	0	NA	NA	NA	NA	
NA	ENSG00000256084	0	NA	NA	NA	NA	
NA	ENSG00000256085	0	NA	NA	NA	NA	
9668	ENSG00000256087	203.563867	0.26631657	0.19786858	0.11808442	0.28192478	ZNF432
NA	ENSG00000256091	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MTRF1LP1
NA	ENSG00000256092	23.5489176	0.10406237	0.31105008	0.58926858	0.78379517	SBNO1-AS1
NA	ENSG00000256093	0	NA	NA	NA	NA	
NA	ENSG00000256098	0	NA	NA	NA	NA	

NA	ENSG00000256100	1.46591025	0.09895417	0.40150826	0.0725266	NA	
NA	ENSG00000256101	0	NA	NA	NA	NA	
NA	ENSG00000256103	0	NA	NA	NA	NA	ATP5MFP5
NA	ENSG00000256108	0.45041965	-0.02733316	0.3857158	0.56134773	NA	
101929584	ENSG00000256115	0.96345495	-0.06719658	0.39179663	0.19902965	NA	LINC02443
NA	ENSG00000256116	24.3421486	-0.00316484	0.32191896	0.98449666	0.99457273	
101928471	ENSG00000256120	0	NA	NA	NA	NA	SOX5-AS1
102606463	ENSG00000256124	0	NA	NA	NA	NA	LINC01152
NA	ENSG00000256125	0	NA	NA	NA	NA	FAM32EP
NA	ENSG00000256128	0	NA	NA	NA	NA	LINC00944
NA	ENSG00000256134	0.67937029	0.00297019	0.38128813	0.95336802	NA	EGLN3P1
NA	ENSG00000256136	0	NA	NA	NA	NA	
NA	ENSG00000256137	0	NA	NA	NA	NA	
NA	ENSG00000256138	0	NA	NA	NA	NA	ZKSCAN7P1
NA	ENSG00000256139	11.2165598	0.12636021	0.35918295	0.45460421	0.67789159	
NA	ENSG00000256146	2.52918902	-0.08647742	0.38656064	0.36235682	NA	
NA	ENSG00000256148	0	NA	NA	NA	NA	
NA	ENSG00000256149	0	NA	NA	NA	NA	
283440	ENSG00000256150	0	NA	NA	NA	NA	ITFG2-AS1
NA	ENSG00000256151	0	NA	NA	NA	NA	ADGRD1-AS1
NA	ENSG00000256152	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000256155	0	NA	NA	NA	NA	LINC02598
NA	ENSG00000256157	0	NA	NA	NA	NA	
NA	ENSG00000256159	0	NA	NA	NA	NA	
100507203	ENSG00000256162	0	NA	NA	NA	NA	SMLR1
105375015	ENSG00000256166	0	NA	NA	NA	NA	LINC02571
NA	ENSG00000256167	1.12768496	-0.00035385	0.37939151	0.99525143	NA	ATF4P4
NA	ENSG00000256171	0	NA	NA	NA	NA	GCSHP4
102724433	ENSG00000256172	0	NA	NA	NA	NA	LINC02420
NA	ENSG00000256176	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000256181	0	NA	NA	NA	NA	
NA	ENSG00000256185	0	NA	NA	NA	NA	
259293	ENSG00000256188	0.33471731	0.02354391	0.38534154	0.62842204	NA	TAS2R30
NA	ENSG00000256189	0.65543135	0.00355896	0.38193365	0.939062	NA	
NA	ENSG00000256192	0	NA	NA	NA	NA	OOEPP2
100862680	ENSG00000256193	0	NA	NA	NA	NA	LINC00507
101928940	ENSG00000256195	0	NA	NA	NA	NA	
NA	ENSG00000256196	6.1811939	0.00847665	0.35663263	0.95140736	0.98008882	

NA	ENSG00000256197	0	NA	NA	NA	NA	TSPAN9-IT1
NA	ENSG00000256199	0	NA	NA	NA	NA	
NA	ENSG00000256204	0	NA	NA	NA	NA	
NA	ENSG00000256206	8.4821527	-0.006308	0.34640963	0.96472265	0.98622874	
NA	ENSG00000256209	0	NA	NA	NA	NA	
NA	ENSG00000256210	0	NA	NA	NA	NA	
NA	ENSG00000256211	0	NA	NA	NA	NA	SKP1P2
NA	ENSG00000256218	0.85146313	-0.00581404	0.3813699	0.911543	NA	
NA	ENSG00000256220	0	NA	NA	NA	NA	
NA	ENSG00000256221	0	NA	NA	NA	NA	
100462983	ENSG00000256222	1.22473244	0.04170343	0.38325313	0.50153843	NA	MTRNR2L3
7556	ENSG00000256223	206.23651	-0.27136055	0.2028571	0.11675392	0.2795556	ZNF10
NA	ENSG00000256226	0	NA	NA	NA	NA	
90649	ENSG00000256229	310.341859	-0.00035886	0.13976394	0.99711768	0.99913206	ZNF486
101929027	ENSG00000256232	0	NA	NA	NA	NA	LINC02387
NA	ENSG00000256234	0.50956064	0.01593384	0.38317915	0.7315268	NA	
85027	ENSG00000256235	55.8944856	0.26558637	0.29610081	0.20739075	0.41455862	SMIM3
NA	ENSG00000256237	0	NA	NA	NA	NA	
NA	ENSG00000256238	0.82897918	-0.00874392	0.38082873	0.8773202	NA	SUPT16HP1
NA	ENSG00000256243	0	NA	NA	NA	NA	RPL7AP3
NA	ENSG00000256249	0	NA	NA	NA	NA	
NA	ENSG00000256250	0.49704718	-0.01009779	0.38283197	0.82961345	NA	
NA	ENSG00000256254	0	NA	NA	NA	NA	
NA	ENSG00000256256	0	NA	NA	NA	NA	
NA	ENSG00000256258	0.173733	0.01914545	0.38484597	0.78225479	NA	
105369810	ENSG00000256259	0	NA	NA	NA	NA	LINC02425
NA	ENSG00000256262	0.16735865	0.01897177	0.38482933	0.78225479	NA	USP30-AS1
NA	ENSG00000256263	0	NA	NA	NA	NA	DDX11L8
105369807	ENSG00000256268	0	NA	NA	NA	NA	LINC02454
3145	ENSG00000256269	796.423669	0.14684733	0.10038898	0.12939669	0.3008238	HMBS
100874235	ENSG00000256271	0.48646477	-0.00663023	0.38315527	0.86471614	NA	CACNA1C-AS2
NA	ENSG00000256273	0	NA	NA	NA	NA	
NA	ENSG00000256274	0.15069912	-0.01848503	0.38480575	0.84537521	NA	TAS2R64P
NA	ENSG00000256278	5.67391695	0.13568869	0.38934293	0.31824087	0.54576013	
NA	ENSG00000256280	0	NA	NA	NA	NA	ATP5MGP1
NA	ENSG00000256281	0	NA	NA	NA	NA	
NA	ENSG00000256282	6.09296834	0.14311102	0.38809679	0.32145896	0.54914291	
NA	ENSG00000256283	0	NA	NA	NA	NA	METTL8P1

NA	ENSG00000256285	0	NA	NA	NA	NA	OSBPL9P5
NA	ENSG00000256286	0	NA	NA	NA	NA	
NA	ENSG00000256287	0	NA	NA	NA	NA	LINC02398
113523642	ENSG00000256288	0	NA	NA	NA	NA	LINC02617
NA	ENSG00000256292	0	NA	NA	NA	NA	LINC02376
NA	ENSG00000256293	0	NA	NA	NA	NA	ATP6V1E1P3
7768	ENSG00000256294	218.674518	-0.03753272	0.16399452	0.79917972	0.90801909	ZNF225
NA	ENSG00000256298	0	NA	NA	NA	NA	
NA	ENSG00000256299	0	NA	NA	NA	NA	
NA	ENSG00000256306	0	NA	NA	NA	NA	
NA	ENSG00000256310	0	NA	NA	NA	NA	NDUFA5P6
NA	ENSG00000256311	0	NA	NA	NA	NA	
NA	ENSG00000256312	0	NA	NA	NA	NA	
NA	ENSG00000256314	0	NA	NA	NA	NA	
105369507	ENSG00000256315	0	NA	NA	NA	NA	
101928441	ENSG00000256321	0	NA	NA	NA	NA	
NA	ENSG00000256325	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000256331	0	NA	NA	NA	NA	NIFKP3
NA	ENSG00000256338	1.13654547	-0.06113685	0.38768028	0.30916813	NA	RPL41P2
NA	ENSG00000256339	0	NA	NA	NA	NA	
NA	ENSG00000256340	14.0208432	0.20838245	0.38203883	0.2679483	0.49058288	ABCC6P1
NA	ENSG00000256341	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000256343	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000256346	0	NA	NA	NA	NA	
NA	ENSG00000256347	0	NA	NA	NA	NA	OR8R1P
NA	ENSG00000256349	5.455232	0.03073608	0.38461278	0.48165576	0.70240082	
NA	ENSG00000256350	0	NA	NA	NA	NA	
NA	ENSG00000256351	0	NA	NA	NA	NA	
NA	ENSG00000256353	0	NA	NA	NA	NA	
NA	ENSG00000256355	0	NA	NA	NA	NA	NTAN1P3
NA	ENSG00000256356	0	NA	NA	NA	NA	HSPA8P5
NA	ENSG00000256357	0	NA	NA	NA	NA	
NA	ENSG00000256358	0	NA	NA	NA	NA	RPL31P57
NA	ENSG00000256361	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
101927616	ENSG00000256362	0	NA	NA	NA	NA	LINC02375
NA	ENSG00000256364	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000256371	0	NA	NA	NA	NA	LRRC34P1
NA	ENSG00000256372	0	NA	NA	NA	NA	

645142	ENSG00000256374	0	NA	NA	NA	NA	PPIAL4D
NA	ENSG00000256377	0.46355696	-0.00749666	0.38325991	0.86939315	NA	
NA	ENSG00000256378	0	NA	NA	NA	NA	
NA	ENSG00000256379	0	NA	NA	NA	NA	TRAV8-5
NA	ENSG00000256381	0	NA	NA	NA	NA	
NA	ENSG00000256385	0	NA	NA	NA	NA	UBE2NP1
NA	ENSG00000256389	0.34746601	0.02370763	0.3853651	0.61987128	NA	
51802	ENSG00000256394	0	NA	NA	NA	NA	ASIC5
NA	ENSG00000256399	0	NA	NA	NA	NA	
NA	ENSG00000256400	0	NA	NA	NA	NA	
NA	ENSG00000256403	0	NA	NA	NA	NA	
NA	ENSG00000256407	9.48585958	0.28902572	0.48280433	0.10146971	0.25202292	
NA	ENSG00000256417	42.8841804	0.05102619	0.26222432	0.79259992	0.90514695	
NA	ENSG00000256420	0	NA	NA	NA	NA	OSBPL9P4
NA	ENSG00000256422	0	NA	NA	NA	NA	LINC02552
NA	ENSG00000256424	0	NA	NA	NA	NA	LINC02414
NA	ENSG00000256427	2.88401374	0.07922258	0.38173194	0.44033666	0.66517856	
NA	ENSG00000256433	0	NA	NA	NA	NA	
259290	ENSG00000256436	3.47876204	0.09685722	0.3891769	0.32434671	0.55220346	TAS2R31
NA	ENSG00000256440	0	NA	NA	NA	NA	
NA	ENSG00000256441	0	NA	NA	NA	NA	DNAJB6P5
105369728	ENSG00000256442	1.05017032	0.01389752	0.38030107	0.81960103	NA	
NA	ENSG00000256443	4.07072538	-0.17958497	0.42596793	0.13273245	0.30603274	
NA	ENSG00000256448	0	NA	NA	NA	NA	
NA	ENSG00000256450	0	NA	NA	NA	NA	
NA	ENSG00000256452	0	NA	NA	NA	NA	
373863	ENSG00000256453	53.4139792	-0.00645339	0.2683162	0.97147244	0.98930349	DND1
NA	ENSG00000256458	0.53879228	0.01396946	0.38346548	0.73786109	NA	
NA	ENSG00000256462	0	NA	NA	NA	NA	
27164	ENSG00000256463	0	NA	NA	NA	NA	SALL3
NA	ENSG00000256464	2.07702051	-0.13243084	0.41178491	0.08162581	NA	YWHABP2
NA	ENSG00000256465	0	NA	NA	NA	NA	
NA	ENSG00000256469	0	NA	NA	NA	NA	
NA	ENSG00000256473	0	NA	NA	NA	NA	
NA	ENSG00000256474	0	NA	NA	NA	NA	TRAV11
NA	ENSG00000256480	0	NA	NA	NA	NA	
NA	ENSG00000256481	2.50341007	0.00172101	0.37547726	0.98530164	NA	
NA	ENSG00000256482	0.49698308	-0.00996015	0.38282449	0.83138653	NA	

NA	ENSG00000256484	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000256494	0	NA	NA	NA	NA	LINC02825
NA	ENSG00000256496	0	NA	NA	NA	NA	
NA	ENSG00000256499	0	NA	NA	NA	NA	LINC02468
NA	ENSG00000256500	237.829595	-0.99318637	0.23979522	4.11E-06	4.20E-05	
NA	ENSG00000256502	0	NA	NA	NA	NA	
NA	ENSG00000256504	0	NA	NA	NA	NA	
101928200	ENSG00000256508	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MRGPRF-AS1
NA	ENSG00000256512	0	NA	NA	NA	NA	
NA	ENSG00000256513	0	NA	NA	NA	NA	
NA	ENSG00000256514	23.7927964	-0.13135879	0.36900945	0.41100323	0.63865537	
NA	ENSG00000256518	0	NA	NA	NA	NA	FOLR1P1
11232	ENSG00000256525	701.643339	0.14151714	0.09416645	0.12084181	0.28678247	POLG2
NA	ENSG00000256533	0.47319461	-0.03505633	0.38628445	0.49597737	NA	
100129361	ENSG00000256537	582.68628	-0.06033056	0.1075186	0.55581845	0.7615108	SMIM10L1
NA	ENSG00000256538	2.15684096	0.04798341	0.38175608	0.52172202	NA	
NA	ENSG00000256540	3.74288053	-0.15038523	0.41540964	0.13224337	0.30529538	
NA	ENSG00000256542	0	NA	NA	NA	NA	
100506691	ENSG00000256546	10.772515	-0.1006557	0.35206046	0.54113106	0.74967112	
NA	ENSG00000256551	0	NA	NA	NA	NA	LINC02369
NA	ENSG00000256552	0	NA	NA	NA	NA	
NA	ENSG00000256553	0	NA	NA	NA	NA	TRAV1-2
NA	ENSG00000256557	0	NA	NA	NA	NA	
NA	ENSG00000256560	0	NA	NA	NA	NA	LINC01486
NA	ENSG00000256563	0	NA	NA	NA	NA	NANOGNBP2
NA	ENSG00000256564	0.68409195	-0.0207224	0.38300355	0.65094445	NA	
NA	ENSG00000256566	12.0432755	-0.0099707	0.3582661	0.93651135	0.97351594	
NA	ENSG00000256568	0	NA	NA	NA	NA	
NA	ENSG00000256569	19.2513287	0.00148561	0.37996921	0.98912383	0.99604194	
NA	ENSG00000256571	0	NA	NA	NA	NA	
79290	ENSG00000256574	0	NA	NA	NA	NA	OR13A1
100996246	ENSG00000256576	0	NA	NA	NA	NA	LINC02361
101929384	ENSG00000256577	0.173733	0.01914545	0.38484597	0.78225479	NA	SLC6A12-AS1
NA	ENSG00000256581	0	NA	NA	NA	NA	NLRP9P1
NA	ENSG00000256582	0	NA	NA	NA	NA	LINC02390
NA	ENSG00000256588	1.44039958	0.10277173	0.40280055	0.06938311	NA	
NA	ENSG00000256589	0	NA	NA	NA	NA	ENPP7P5
NA	ENSG00000256590	0	NA	NA	NA	NA	TRDV3

NA	ENSG00000256591	147.731737	-0.00434294	0.17826035	0.97688886	0.99214102	
374443	ENSG00000256594	86.7516187	-0.28379112	0.24353018	0.14337258	0.32261677	
NA	ENSG00000256596	2.40248237	0.02293196	0.37747637	0.77214383	NA	
400087	ENSG00000256597	0	NA	NA	NA	NA	LINC02393
NA	ENSG00000256603	0.31723241	0.00156863	0.38337049	0.96282246	NA	
NA	ENSG00000256609	0	NA	NA	NA	NA	
1556	ENSG00000256612	1.14881861	0.06381112	0.39018199	0.23005785	NA	CYP2B7P
NA	ENSG00000256614	0	NA	NA	NA	NA	AK6P1
NA	ENSG00000256615	0	NA	NA	NA	NA	
NA	ENSG00000256616	49.0472273	0.5927227	0.34084383	0.01736392	0.06502457	
100462977	ENSG00000256618	0	NA	NA	NA	NA	MTRNR2L1
NA	ENSG00000256625	0	NA	NA	NA	NA	
NA	ENSG00000256626	0	NA	NA	NA	NA	
NA	ENSG00000256627	0	NA	NA	NA	NA	
100009676	ENSG00000256628	108.116193	-0.11925875	0.19557093	0.47823257	0.69986975	ZBTB11-AS1
NA	ENSG00000256630	0	NA	NA	NA	NA	
NA	ENSG00000256632	0.66687463	0.02592558	0.38361953	0.58853713	NA	
NA	ENSG00000256633	0.18922458	0.01954053	0.38488496	0.78225479	NA	PDE2A-AS2
NA	ENSG00000256637	0.52119901	0.02576573	0.38568143	0.51723676	NA	LINC01965
NA	ENSG00000256640	0	NA	NA	NA	NA	
649159	ENSG00000256642	0	NA	NA	NA	NA	LINC00273
105370070	ENSG00000256643	0	NA	NA	NA	NA	LINC02441
NA	ENSG00000256646	133.183293	-0.37791087	0.24712197	0.05680529	0.16421638	
NA	ENSG00000256650	0	NA	NA	NA	NA	RERG-IT1
NA	ENSG00000256651	10.0476336	0.14107103	0.3670918	0.40085154	0.62929088	
NA	ENSG00000256654	0	NA	NA	NA	NA	
NA	ENSG00000256657	0	NA	NA	NA	NA	
NA	ENSG00000256658	0	NA	NA	NA	NA	
101927694	ENSG00000256659	0	NA	NA	NA	NA	LINC02368
387837	ENSG00000256660	0	NA	NA	NA	NA	CLEC12B
NA	ENSG00000256661	0	NA	NA	NA	NA	A2ML1-AS1
NA	ENSG00000256663	104.380703	-0.71081893	0.25355628	0.00095166	0.00567675	
NA	ENSG00000256664	55.4706984	-0.04952945	0.25933203	0.79505532	0.90585603	
NA	ENSG00000256667	96.3204338	0.35652136	0.23211687	0.06209936	0.17590681	KLRA1P
NA	ENSG00000256670	0	NA	NA	NA	NA	
100288695	ENSG00000256671	2.42541013	0.11817953	0.41028465	0.02719726	NA	LIMS4
NA	ENSG00000256672	0	NA	NA	NA	NA	LINC02455
NA	ENSG00000256673	0	NA	NA	NA	NA	

NA	ENSG00000256674	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000256678	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000256681	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MIX23P5
NA	ENSG00000256682	1.20035166	0.04114442	0.38319448	0.50645837	NA	
59348	ENSG00000256683	82.087658	-0.07596303	0.2285693	0.6784824	0.84291038	ZNF350
105369443	ENSG00000256684	0	NA	NA	NA	NA	LINC02737
NA	ENSG00000256686	0	NA	NA	NA	NA	
105369332	ENSG00000256690	7.41387307	0.06612943	0.36110461	0.63950093	0.81914252	
NA	ENSG00000256691	0	NA	NA	NA	NA	
NA	ENSG00000256694	1.731172	-0.07793451	0.3894879	0.29601385	NA	
NA	ENSG00000256695	0	NA	NA	NA	NA	
101927735	ENSG00000256699	0	NA	NA	NA	NA	TMEM132D-AS2
NA	ENSG00000256704	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ENTR1P1
NA	ENSG00000256705	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000256706	0	NA	NA	NA	NA	
NA	ENSG00000256708	0	NA	NA	NA	NA	
NA	ENSG00000256709	0	NA	NA	NA	NA	CSGALNACT2P2
NA	ENSG00000256712	0.65758703	0.02031301	0.38369372	0.63484073	NA	
5222	ENSG00000256713	1.13143215	-0.0320822	0.38163237	0.61187548	NA	PGA5
NA	ENSG00000256714	0	NA	NA	NA	NA	
NA	ENSG00000256717	0	NA	NA	NA	NA	LINC02698
NA	ENSG00000256720	2.74074864	0.07268425	0.37971532	0.48019018	0.70144111	BTG1P1
NA	ENSG00000256721	0	NA	NA	NA	NA	CACNA1C-IT3
NA	ENSG00000256723	0.52409736	0.03154951	0.38609571	0.47152305	NA	
100996671	ENSG00000256732	0	NA	NA	NA	NA	
NA	ENSG00000256733	0	NA	NA	NA	NA	
NA	ENSG00000256734	0	NA	NA	NA	NA	
NA	ENSG00000256737	0	NA	NA	NA	NA	RBBP4P5
NA	ENSG00000256739	0.83138508	0.02108215	0.38087387	0.72843971	NA	
NA	ENSG00000256742	4.19183543	0.08925245	0.37683271	0.46817695	0.69110148	KDM2B-DT
NA	ENSG00000256745	0	NA	NA	NA	NA	ARPC3P3
101928943	ENSG00000256746	0	NA	NA	NA	NA	MADD-AS1
NA	ENSG00000256747	0	NA	NA	NA	NA	
NA	ENSG00000256748	0	NA	NA	NA	NA	
NA	ENSG00000256750	0	NA	NA	NA	NA	LINC02423
NA	ENSG00000256751	4.42355337	0.21115467	0.45749305	0.05931858	0.16962822	PLBD1-AS1
NA	ENSG00000256752	0	NA	NA	NA	NA	HPRT1P3
NA	ENSG00000256756	0	NA	NA	NA	NA	TIMM17BP1

NA	ENSG00000256757	0.47367873	-0.02845508	0.38580975	0.54267058	NA	
246744	ENSG00000256762	0.4733184	-0.03506261	0.38628508	0.49589089	NA	STH
NA	ENSG00000256769	0	NA	NA	NA	NA	CACNA1C-AS3
56242	ENSG00000256771	398.136597	-0.05714496	0.12656222	0.63166026	0.81371846	ZNF253
NA	ENSG00000256774	0	NA	NA	NA	NA	
NA	ENSG00000256777	0	NA	NA	NA	NA	PDCL3P7
NA	ENSG00000256779	0	NA	NA	NA	NA	
NA	ENSG00000256783	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000256789	0	NA	NA	NA	NA	
100431172	ENSG00000256797	0	NA	NA	NA	NA	KLRF2
NA	ENSG00000256799	0	NA	NA	NA	NA	
100130111	ENSG00000256802	0.51566203	0.0311389	0.38605511	0.47755756	NA	
NA	ENSG00000256803	0	NA	NA	NA	NA	
NA	ENSG00000256804	0	NA	NA	NA	NA	
388327	ENSG00000256806	131.060364	0.10497606	0.18774233	0.52287692	0.73594481	C17orf100
NA	ENSG00000256810	0	NA	NA	NA	NA	
NA	ENSG00000256811	0.18922458	0.01954053	0.38488496	0.78225479	NA	
84290	ENSG00000256812	2.36367657	0.06674274	0.38000515	0.49277449	NA	CAPNS2
NA	ENSG00000256813	0	NA	NA	NA	NA	
NA	ENSG00000256814	0	NA	NA	NA	NA	
NA	ENSG00000256817	0	NA	NA	NA	NA	TPT1P12
NA	ENSG00000256824	0.48654729	0.01099911	0.38338099	0.78944986	NA	
NA	ENSG00000256825	0	NA	NA	NA	NA	
NA	ENSG00000256826	0.94580704	-0.04827941	0.38535233	0.40015495	NA	ATP5MFP4
NA	ENSG00000256827	2.93466506	0.11209287	0.39474022	0.26562276	0.48795885	
NA	ENSG00000256835	0	NA	NA	NA	NA	
NA	ENSG00000256837	0	NA	NA	NA	NA	CACNA1C-IT1
NA	ENSG00000256843	0	NA	NA	NA	NA	
NA	ENSG00000256844	0	NA	NA	NA	NA	MEF2BNBP1
NA	ENSG00000256847	0	NA	NA	NA	NA	CCND2P1
NA	ENSG00000256849	3.21472939	-0.05102096	0.37591319	0.60527815	0.7952267	TCP1P3
NA	ENSG00000256851	0	NA	NA	NA	NA	
NA	ENSG00000256852	0	NA	NA	NA	NA	KNOP1P1
NA	ENSG00000256861	26.4258891	0.02061819	0.38445907	NA	NA	
105369609	ENSG00000256862	0.60819063	-0.00547299	0.38209576	0.91215116	NA	PARP11-AS1
NA	ENSG00000256863	0.16735865	0.01897177	0.38482933	0.78225479	NA	
160728	ENSG00000256870	0	NA	NA	NA	NA	SLC5A8
NA	ENSG00000256875	0.173733	0.01914545	0.38484597	0.78225479	NA	

NA	ENSG00000256879	2.96601907	0.11800671	0.40567038	0.1103476	0.2677814	
105370024	ENSG00000256884	0	NA	NA	NA	NA	
101928162	ENSG00000256888	0	NA	NA	NA	NA	LINC02366
100288485	ENSG00000256892	0	NA	NA	NA	NA	MTRNR2L7
NA	ENSG00000256894	0	NA	NA	NA	NA	
NA	ENSG00000256896	0	NA	NA	NA	NA	PSMC1P8
NA	ENSG00000256897	8.09406785	-0.02253191	0.35253262	0.8727672	0.94439555	
NA	ENSG00000256898	1.68213667	0.00922617	0.37822739	0.8979844	NA	ARPC3P4
NA	ENSG00000256902	2.89647571	0.03054033	0.37176339	0.76593806	0.89234011	IQSEC3P1
NA	ENSG00000256904	0	NA	NA	NA	NA	A2ML1-AS2
NA	ENSG00000256906	0	NA	NA	NA	NA	LINC02419
NA	ENSG00000256912	0	NA	NA	NA	NA	GCNAP1
NA	ENSG00000256913	0	NA	NA	NA	NA	
NA	ENSG00000256915	0	NA	NA	NA	NA	
NA	ENSG00000256916	0	NA	NA	NA	NA	
NA	ENSG00000256917	0	NA	NA	NA	NA	
NA	ENSG00000256923	0	NA	NA	NA	NA	
NA	ENSG00000256925	0	NA	NA	NA	NA	ADGRA1-AS1
NA	ENSG00000256928	0	NA	NA	NA	NA	
NA	ENSG00000256937	5.71834525	0.05017613	0.36409567	0.69781777	0.85403149	KRT17P8
NA	ENSG00000256940	8.83223299	0.03524666	0.34704648	0.82029904	0.91817957	PPP1R14B-AS1
NA	ENSG00000256943	0	NA	NA	NA	NA	
NA	ENSG00000256944	0	NA	NA	NA	NA	
NA	ENSG00000256947	0	NA	NA	NA	NA	
NA	ENSG00000256948	0	NA	NA	NA	NA	
NA	ENSG00000256950	0.97130183	0.00455456	0.38090459	0.93430764	NA	
NA	ENSG00000256951	0	NA	NA	NA	NA	
NA	ENSG00000256955	0.4919264	0.013898	0.38306729	0.76064497	NA	
NA	ENSG00000256963	0	NA	NA	NA	NA	
NA	ENSG00000256966	28.7870951	-0.48689067	0.51879762	0.05852543	0.16798965	
NA	ENSG00000256967	14.8394508	0.11942453	0.34916527	0.49588936	0.71459926	
NA	ENSG00000256968	0	NA	NA	NA	NA	SNRPEP2
NA	ENSG00000256969	0	NA	NA	NA	NA	
NA	ENSG00000256971	0	NA	NA	NA	NA	LINC00508
NA	ENSG00000256972	0	NA	NA	NA	NA	
NA	ENSG00000256973	20.729611	-0.22450135	0.35482543	0.27019549	0.49338964	
NA	ENSG00000256975	0.18922458	0.01954053	0.38488496	0.78225479	NA	
96626	ENSG00000256977	14.6414792	-0.07845421	0.36257015	0.58158879	0.77868762	LIMS3

100129128	ENSG00000256980	1.36622895	0.03984765	0.38355509	0.49655537	NA	KHDC1L
NA	ENSG00000256981	1.22372644	-0.00626915	0.37945854	0.92127623	NA	
NA	ENSG00000256982	20.8685753	-0.16432838	0.34225574	0.3913658	0.62087218	
NA	ENSG00000256984	0.52321694	0.031506	0.3860913	0.47216971	NA	
NA	ENSG00000256986	0	NA	NA	NA	NA	
NA	ENSG00000256987	0	NA	NA	NA	NA	
NA	ENSG00000256988	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000256994	0	NA	NA	NA	NA	LINC02378
NA	ENSG00000256995	0	NA	NA	NA	NA	
NA	ENSG00000257000	0	NA	NA	NA	NA	
NA	ENSG00000257002	0.36304439	0.0238954	0.3853925	0.60992211	NA	
NA	ENSG00000257004	0	NA	NA	NA	NA	
NA	ENSG00000257005	0	NA	NA	NA	NA	
350383	ENSG00000257008	0	NA	NA	NA	NA	GPR142
NA	ENSG00000257009	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000257012	0	NA	NA	NA	NA	
NA	ENSG00000257016	0	NA	NA	NA	NA	SLC25A39P2
3240	ENSG00000257017	0	NA	NA	NA	NA	HP
NA	ENSG00000257021	0	NA	NA	NA	NA	HSPE1P20
NA	ENSG00000257022	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000257023	0	NA	NA	NA	NA	
NA	ENSG00000257025	0	NA	NA	NA	NA	
NA	ENSG00000257027	54.9390941	-0.4582499	0.35419385	0.05629144	0.16308734	
NA	ENSG00000257035	0	NA	NA	NA	NA	
NA	ENSG00000257037	0	NA	NA	NA	NA	RARS1P1
NA	ENSG00000257038	6.7314273	0.04402316	0.36211856	0.7374902	0.8759911	
NA	ENSG00000257042	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000257043	0.32504203	0.00178043	0.38337255	0.96326453	NA	SRSF3P1
NA	ENSG00000257045	0	NA	NA	NA	NA	
338821	ENSG00000257046	0	NA	NA	NA	NA	SLCO1B3-SLCO1B7
115072896	ENSG00000257046	0	NA	NA	NA	NA	SLCO1B3-SLCO1B7
NA	ENSG00000257048	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02417
NA	ENSG00000257052	1.06834968	0.05037949	0.38655705	0.34088079	NA	
105370424	ENSG00000257056	0	NA	NA	NA	NA	LINC02282
643037	ENSG00000257057	0	NA	NA	NA	NA	C11orf97
NA	ENSG00000257058	0	NA	NA	NA	NA	
NA	ENSG00000257060	0.34857006	-0.00510383	0.38344901	0.9635507	NA	
NA	ENSG00000257062	0	NA	NA	NA	NA	

	NA	ENSG00000257065	0	NA	NA	NA	NA	
	NA	ENSG00000257067	2.15777754	0.05421925	0.38138433	0.50122365	NA	LINC02703
106780802	NA	ENSG00000257069	14.3250106	-0.93833815	0.85981942	0.01386378	0.05410254	
	NA	ENSG00000257070	0	NA	NA	NA	NA	
	NA	ENSG00000257074	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL29P33
	NA	ENSG00000257075	0	NA	NA	NA	NA	RPEP6
	NA	ENSG00000257078	0	NA	NA	NA	NA	
	NA	ENSG00000257083	0	NA	NA	NA	NA	
105369635	NA	ENSG00000257084	0	NA	NA	NA	NA	MIR200CHG
	NA	ENSG00000257086	20.5695728	0.20026542	0.34402557	0.31928497	0.5469361	
	NA	ENSG00000257087	0	NA	NA	NA	NA	
57189	NA	ENSG00000257093	2148.26578	0.15676131	0.07684059	0.03722725	0.11895745	DENND11
	NA	ENSG00000257094	0	NA	NA	NA	NA	
	NA	ENSG00000257095	0	NA	NA	NA	NA	
	NA	ENSG00000257096	0	NA	NA	NA	NA	
	NA	ENSG00000257097	0	NA	NA	NA	NA	CLIP1-AS1
	NA	ENSG00000257101	0	NA	NA	NA	NA	LRRC37A13P
26065	NA	ENSG00000257103	2719.9723	0.11486048	0.08772634	0.17872683	0.3746401	LSM14A
	NA	ENSG00000257105	0.18922458	0.01954053	0.38488496	0.78225479	NA	
283948	NA	ENSG00000257108	15.1418069	0.17417378	0.37252076	0.33119427	0.5601308	NHLRC4
	NA	ENSG00000257109	0	NA	NA	NA	NA	OR4F28P
	NA	ENSG00000257113	0	NA	NA	NA	NA	
105369739	NA	ENSG00000257114	0	NA	NA	NA	NA	LINC02450
440153	NA	ENSG00000257115	0.71037271	0.04122859	0.38727429	0.34669872	NA	OR11H12
	NA	ENSG00000257119	0	NA	NA	NA	NA	EEF1B2P4
	NA	ENSG00000257120	0	NA	NA	NA	NA	
	NA	ENSG00000257121	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000257122	114.038595	-0.28323527	0.23536127	0.13620115	0.31128106	RRN3P3
	NA	ENSG00000257124	0	NA	NA	NA	NA	
	NA	ENSG00000257125	0	NA	NA	NA	NA	KRT127P
	NA	ENSG00000257126	0	NA	NA	NA	NA	FOXG1-AS1
574028	NA	ENSG00000257127	0	NA	NA	NA	NA	CLLU1
	NA	ENSG00000257128	0	NA	NA	NA	NA	
	NA	ENSG00000257129	0	NA	NA	NA	NA	
	NA	ENSG00000257135	9.5541728	0.15082857	0.37835437	0.34747998	0.57819389	ODC1-DT
	NA	ENSG00000257137	0.72538937	-0.00572068	0.38204915	0.82058379	NA	LINC02874
5726	NA	ENSG00000257138	0	NA	NA	NA	NA	TAS2R38
	NA	ENSG00000257139	0	NA	NA	NA	NA	LINC02821

NA	ENSG00000257142	0	NA	NA	NA	NA	
NA	ENSG00000257146	0	NA	NA	NA	NA	
100132594	ENSG00000257150	0	NA	NA	NA	NA	PGAM1P5
NA	ENSG00000257155	0	NA	NA	NA	NA	
NA	ENSG00000257157	0	NA	NA	NA	NA	
NA	ENSG00000257159	0.59954673	-0.03507742	0.3864865	0.44255968	NA	
NA	ENSG00000257162	5.82444462	-0.0844024	0.37492327	0.49292934	0.71202899	MED15P6
105369738	ENSG00000257164	0	NA	NA	NA	NA	LINC02451
NA	ENSG00000257165	0	NA	NA	NA	NA	
100128191	ENSG00000257167	134.227201	-0.04555907	0.18270448	0.7757451	0.89689877	TMPO-AS1
NA	ENSG00000257169	0	NA	NA	NA	NA	
NA	ENSG00000257171	0	NA	NA	NA	NA	
NA	ENSG00000257173	0	NA	NA	NA	NA	AK6P2
NA	ENSG00000257175	0	NA	NA	NA	NA	
100506606	ENSG00000257176	28.2615221	-0.04330939	0.30392425	0.81529652	0.91609463	
NA	ENSG00000257178	0	NA	NA	NA	NA	
NA	ENSG00000257179	0	NA	NA	NA	NA	HMG2P6
NA	ENSG00000257180	0	NA	NA	NA	NA	
NA	ENSG00000257181	10.5727645	0.00881843	0.37986549	0.89438441	0.95442054	
NA	ENSG00000257183	0	NA	NA	NA	NA	
NA	ENSG00000257184	0	NA	NA	NA	NA	
NA	ENSG00000257185	1.6699932	-0.01408749	0.37570962	0.86451416	NA	LINC02293
NA	ENSG00000257191	0	NA	NA	NA	NA	
NA	ENSG00000257193	0	NA	NA	NA	NA	LINC02385
NA	ENSG00000257194	0	NA	NA	NA	NA	
NA	ENSG00000257195	1.55828295	0.03706771	0.38139885	0.58594604	NA	HNRNPA1P50
NA	ENSG00000257198	0.32288254	0.00126944	0.38336752	0.96892507	NA	FAM205BP
NA	ENSG00000257199	0	NA	NA	NA	NA	
NA	ENSG00000257202	0	NA	NA	NA	NA	
NA	ENSG00000257207	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000257210	0	NA	NA	NA	NA	NACAP8
283459	ENSG00000257218	1065.71124	-0.10445296	0.08965933	0.23028464	0.44622006	GATC
105369848	ENSG00000257219	0	NA	NA	NA	NA	LNCOG
NA	ENSG00000257220	0	NA	NA	NA	NA	PRXL2AP1
NA	ENSG00000257221	0.63459128	-0.00864486	0.38252799	0.97746902	NA	
NA	ENSG00000257222	0.51864038	0.03128432	0.38606944	0.4754074	NA	
NA	ENSG00000257224	0	NA	NA	NA	NA	
NA	ENSG00000257225	26.1610105	0.12488564	0.32985668	0.50868257	0.72435534	

NA	ENSG00000257226	0	NA	NA	NA	NA	
NA	ENSG00000257228	0	NA	NA	NA	NA	
NA	ENSG00000257230	0	NA	NA	NA	NA	LINC02448
NA	ENSG00000257231	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DYNLL1P4
NA	ENSG00000257235	0	NA	NA	NA	NA	
NA	ENSG00000257237	0	NA	NA	NA	NA	
NA	ENSG00000257239	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000257241	0	NA	NA	NA	NA	
256021	ENSG00000257242	73.072151	-0.0739344	0.26408804	0.70083701	0.85575596	LINC01619
NA	ENSG00000257243	6.62359649	-0.17035384	0.40212986	0.24525572	0.46421231	PARK7P1
NA	ENSG00000257246	0.85961946	-0.00959787	0.38080599	0.86573989	NA	PHBP19
NA	ENSG00000257252	2.27770243	0.09759332	0.40151036	0.05005377	NA	
NA	ENSG00000257253	0	NA	NA	NA	NA	
NA	ENSG00000257254	0	NA	NA	NA	NA	
NA	ENSG00000257256	0	NA	NA	NA	NA	
NA	ENSG00000257258	0	NA	NA	NA	NA	
101927653	ENSG00000257259	0	NA	NA	NA	NA	LINC02388
NA	ENSG00000257261	6.62293628	-0.09120645	0.37287301	0.47461528	0.69683765	
NA	ENSG00000257262	0	NA	NA	NA	NA	
NA	ENSG00000257264	0	NA	NA	NA	NA	
NA	ENSG00000257265	0.173733	0.01914545	0.38484597	0.78225479	NA	
10778	ENSG00000257267	474.535837	-0.36316444	0.15626472	0.0109132	0.04456018	ZNF271P
NA	ENSG00000257268	0	NA	NA	NA	NA	
NA	ENSG00000257270	1.92923395	-0.00367721	0.37640515	0.96124912	NA	
NA	ENSG00000257271	0	NA	NA	NA	NA	KIRREL3-AS1
NA	ENSG00000257272	0.49309842	-0.00988986	0.38283484	0.83686171	NA	
NA	ENSG00000257275	0	NA	NA	NA	NA	
NA	ENSG00000257277	2.50759145	-0.06983607	0.38415915	0.4068197	NA	
100506551	ENSG00000257279	7.73832232	-0.06844397	0.35388344	0.65072776	0.8254613	
NA	ENSG00000257281	0.37844916	0.02407552	0.3854191	0.60038877	NA	
105369911	ENSG00000257283	0.97843835	0.00513932	0.38090486	0.92599336	NA	
NA	ENSG00000257284	0	NA	NA	NA	NA	
101926933	ENSG00000257285	27.3744464	-0.06606564	0.31571899	0.71758787	0.86415438	
NA	ENSG00000257286	0	NA	NA	NA	NA	
NA	ENSG00000257287	0	NA	NA	NA	NA	H3P35
NA	ENSG00000257288	0	NA	NA	NA	NA	
NA	ENSG00000257289	0	NA	NA	NA	NA	
NA	ENSG00000257292	0	NA	NA	NA	NA	

NA	ENSG00000257294	0	NA	NA	NA	NA	
NA	ENSG00000257296	0	NA	NA	NA	NA	
NA	ENSG00000257298	12.7148352	0.00686523	0.33221206	0.96947968	0.98853525	
NA	ENSG00000257300	0	NA	NA	NA	NA	HAUS8P1
NA	ENSG00000257302	0.99649392	0.00392424	0.38010767	0.94796903	NA	FAHD2P1
NA	ENSG00000257303	51.8316933	0.31141158	0.29194984	0.14335237	0.32260788	
NA	ENSG00000257307	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000257308	0	NA	NA	NA	NA	
NA	ENSG00000257310	2.31300212	-0.00435875	0.37187682	0.96240189	NA	
100381270	ENSG00000257315	2689.18048	-0.05774667	0.17853773	0.71328211	0.86190557	ZBED6
NA	ENSG00000257316	0	NA	NA	NA	NA	ASS1P14
NA	ENSG00000257319	0	NA	NA	NA	NA	
NA	ENSG00000257322	1.2305834	-0.06736655	0.39114492	0.20365523	NA	
NA	ENSG00000257323	0	NA	NA	NA	NA	
NA	ENSG00000257325	0	NA	NA	NA	NA	
NA	ENSG00000257327	0.47019855	-0.02828694	0.38579521	0.54546301	NA	
NA	ENSG00000257329	0	NA	NA	NA	NA	
NA	ENSG00000257331	0	NA	NA	NA	NA	RACGAP1P1
NA	ENSG00000257332	0	NA	NA	NA	NA	HNRNPA1P69
8972	ENSG00000257335	1.2525286	0.06028491	0.38844417	0.27051008	NA	MGAM
NA	ENSG00000257336	0	NA	NA	NA	NA	PRELID2P1
283335	ENSG00000257337	135.781187	0.33082339	0.20117149	0.05599242	0.16248203	
NA	ENSG00000257341	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000257342	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000257343	0	NA	NA	NA	NA	
NA	ENSG00000257345	0	NA	NA	NA	NA	LINC02413
NA	ENSG00000257346	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000257350	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000257354	77.6434949	-0.09623454	0.22040599	0.59384514	0.78750669	
NA	ENSG00000257355	0.6497544	0.00297196	0.38249178	0.94332726	NA	
NA	ENSG00000257356	0	NA	NA	NA	NA	BNIP3P6
NA	ENSG00000257359	0	NA	NA	NA	NA	
NA	ENSG00000257360	0	NA	NA	NA	NA	
NA	ENSG00000257364	0	NA	NA	NA	NA	VENTXP3
2342	ENSG00000257365	448.914249	-0.19203887	0.13823917	0.13503333	0.30949318	FNTB
100529261	ENSG00000257365	448.914249	-0.19203887	0.13823917	0.13503333	0.30949318	FNTB
NA	ENSG00000257366	4.14897888	0.00406379	0.38296722	0.92380158	0.96836389	
NA	ENSG00000257368	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000257373	0	NA	NA	NA	NA	
NA	ENSG00000257376	0	NA	NA	NA	NA	
NA	ENSG00000257378	0	NA	NA	NA	NA	
NA	ENSG00000257379	158.27738	0.26230263	0.18083269	0.10085633	0.25087634	
NA	ENSG00000257384	0.36360417	0.02389932	0.38539312	0.6096453	NA	
NA	ENSG00000257386	17.6555343	-0.05500323	0.3860858	0.3732318	0.60227075	
NA	ENSG00000257389	0	NA	NA	NA	NA	
NA	ENSG00000257390	16.0563622	-0.02854144	0.3308238	0.86461397	0.94007513	
NA	ENSG00000257391	0	NA	NA	NA	NA	
NA	ENSG00000257392	0	NA	NA	NA	NA	
NA	ENSG00000257395	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000257398	4.09748674	-0.01515746	0.36519013	0.8937955	0.95410001	
NA	ENSG00000257400	0	NA	NA	NA	NA	
NA	ENSG00000257402	0	NA	NA	NA	NA	KRT126P
NA	ENSG00000257403	0	NA	NA	NA	NA	
NA	ENSG00000257404	0	NA	NA	NA	NA	
NA	ENSG00000257405	0	NA	NA	NA	NA	
NA	ENSG00000257407	0	NA	NA	NA	NA	
NA	ENSG00000257408	0	NA	NA	NA	NA	
NA	ENSG00000257410	0	NA	NA	NA	NA	
NA	ENSG00000257411	0	NA	NA	NA	NA	
NA	ENSG00000257414	0	NA	NA	NA	NA	OR6C73P
NA	ENSG00000257415	0	NA	NA	NA	NA	
NA	ENSG00000257426	0	NA	NA	NA	NA	
NA	ENSG00000257429	0	NA	NA	NA	NA	
NA	ENSG00000257431	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000257432	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000257433	6.45570844	-0.10459282	0.37598914	0.43252105	0.65791748	
NA	ENSG00000257434	0	NA	NA	NA	NA	
NA	ENSG00000257435	0	NA	NA	NA	NA	
NA	ENSG00000257438	0	NA	NA	NA	NA	
NA	ENSG00000257443	0	NA	NA	NA	NA	
NA	ENSG00000257444	0	NA	NA	NA	NA	SETP7
729747	ENSG00000257446	14.5652546	-0.01277711	0.32585815	0.93940951	0.97474024	ZNF878
NA	ENSG00000257449	0	NA	NA	NA	NA	
NA	ENSG00000257452	0	NA	NA	NA	NA	
NA	ENSG00000257453	0.86562001	-0.0370931	0.38692692	0.35638876	NA	
NA	ENSG00000257454	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000257456	0	NA	NA	NA	NA	
NA	ENSG00000257458	0	NA	NA	NA	NA	
NA	ENSG00000257464	0	NA	NA	NA	NA	
NA	ENSG00000257465	0	NA	NA	NA	NA	ELOCP32
102724663	ENSG00000257467	0	NA	NA	NA	NA	PPFIA2-AS1
NA	ENSG00000257470	0	NA	NA	NA	NA	
NA	ENSG00000257472	0	NA	NA	NA	NA	
NA	ENSG00000257474	0	NA	NA	NA	NA	
NA	ENSG00000257475	0.34746601	0.02370763	0.3853651	0.61987128	NA	
105369996	ENSG00000257476	0	NA	NA	NA	NA	LINC02459
NA	ENSG00000257477	0	NA	NA	NA	NA	LINC01154
NA	ENSG00000257480	0	NA	NA	NA	NA	MRPL2P1
NA	ENSG00000257488	0	NA	NA	NA	NA	LINC02354
NA	ENSG00000257489	33.4478289	0.42603731	0.38190628	0.07757424	0.2066702	
NA	ENSG00000257493	0	NA	NA	NA	NA	
NA	ENSG00000257494	0	NA	NA	NA	NA	
100127967	ENSG00000257495	0	NA	NA	NA	NA	KRT73-AS1
NA	ENSG00000257496	0.32403417	0.0020609	0.38337614	0.96135073	NA	
NA	ENSG00000257497	3.63114929	0.04798342	0.36988115	0.67678586	0.84203356	
NA	ENSG00000257500	0	NA	NA	NA	NA	
643711	ENSG00000257501	0	NA	NA	NA	NA	PAFAH1B2P2
NA	ENSG00000257503	0	NA	NA	NA	NA	CYB5AP5
NA	ENSG00000257504	0	NA	NA	NA	NA	LINC02297
NA	ENSG00000257506	0	NA	NA	NA	NA	
NA	ENSG00000257507	0.66053605	0.02599335	0.38364572	0.58813063	NA	LINC02373
NA	ENSG00000257509	2.68900832	-0.01317174	0.37167417	0.89103067	0.95273684	
NA	ENSG00000257510	0	NA	NA	NA	NA	LINC02402
NA	ENSG00000257511	13.8400132	0.01819008	0.32682142	0.91818561	0.9653411	
NA	ENSG00000257512	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000257513	0	NA	NA	NA	NA	NPIP1P
NA	ENSG00000257514	0	NA	NA	NA	NA	
NA	ENSG00000257515	0	NA	NA	NA	NA	
NA	ENSG00000257517	0	NA	NA	NA	NA	
NA	ENSG00000257519	0	NA	NA	NA	NA	
253970	ENSG00000257520	0	NA	NA	NA	NA	
NA	ENSG00000257522	0	NA	NA	NA	NA	
105370425	ENSG00000257523	0	NA	NA	NA	NA	LINC02326
30815	ENSG00000257524	176.103272	0.05694651	0.19125073	0.73233453	0.87210781	

NA	ENSG00000257526	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000257527	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000257528	0	NA	NA	NA	NA	KRT8P19
100529097	ENSG00000257529	1967.36762	-0.70408759	0.11438312	1.72E-10	3.23E-09	RPL36A-HNRNPH2
NA	ENSG00000257530	0	NA	NA	NA	NA	
NA	ENSG00000257531	0.55285912	0.03293476	0.386238	0.45153838	NA	
NA	ENSG00000257534	4.71778098	0.09401345	0.37809801	0.44754802	0.67145741	
NA	ENSG00000257539	0.65677707	0.00371355	0.38193337	0.93651251	NA	HSPA8P14
105369785	ENSG00000257541	0	NA	NA	NA	NA	LINC02403
26628	ENSG00000257542	0.36297927	0.02389494	0.38539243	0.60995431	NA	OR7E47P
NA	ENSG00000257543	0	NA	NA	NA	NA	
100287944	ENSG00000257545	2.25979605	0.03763958	0.37878022	0.63400754	NA	
NA	ENSG00000257548	0	NA	NA	NA	NA	
100652999	ENSG00000257550	2.65385598	0.09653806	0.39131999	0.28950588	0.51546747	
100873924	ENSG00000257551	0.32476569	0.00159251	0.38337048	0.96506177	NA	HLX-AS1
NA	ENSG00000257553	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000257556	26.9555551	0.00681197	0.31128618	0.97313084	0.99002934	LINC02298
NA	ENSG00000257557	19.3797226	0.12372412	0.3262688	0.51536254	0.72968723	PPP1R12A-AS1
NA	ENSG00000257558	0	NA	NA	NA	NA	
NA	ENSG00000257564	0	NA	NA	NA	NA	
NA	ENSG00000257568	0	NA	NA	NA	NA	
NA	ENSG00000257569	0	NA	NA	NA	NA	GSTP1P1
NA	ENSG00000257570	0	NA	NA	NA	NA	
NA	ENSG00000257572	0	NA	NA	NA	NA	SSBL3P
NA	ENSG00000257576	0.81202142	-0.00604501	0.38077535	0.91503961	NA	HSPD1P4
NA	ENSG00000257579	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000257580	0	NA	NA	NA	NA	
101927324	ENSG00000257582	0	NA	NA	NA	NA	LINC01475
101101773	ENSG00000257585	0	NA	NA	NA	NA	LINC00609
NA	ENSG00000257586	0	NA	NA	NA	NA	
NA	ENSG00000257587	0	NA	NA	NA	NA	
101927318	ENSG00000257588	1.3335031	0.07958237	0.3925599	0.20044808	NA	
90589	ENSG00000257591	70.774319	-0.14747387	0.26229852	0.45093438	0.67429441	ZNF625
8693	ENSG00000257594	76.38788	0.37469437	0.29010878	0.0830517	0.21740938	GALNT4
105369984	ENSG00000257595	1.47719452	0.02077592	0.37922311	0.76675366	NA	LINC02356
112935960	ENSG00000257596	5.49633159	0.05188327	0.36595385	0.68066827	0.84396798	SCAT2
101055625	ENSG00000257599	0.16735865	0.01897177	0.38482933	0.78225479	NA	OVCH1-AS1
NA	ENSG00000257603	0	NA	NA	NA	NA	

NA	ENSG00000257604	0	NA	NA	NA	NA	
NA	ENSG00000257605	0.63895644	-0.0183147	0.38288562	0.68630683	NA	MYG1-AS1
NA	ENSG00000257607	0	NA	NA	NA	NA	
NA	ENSG00000257609	0	NA	NA	NA	NA	
NA	ENSG00000257611	0	NA	NA	NA	NA	
101927081	ENSG00000257612	0.38033412	0.01155874	0.38380794	0.85659386	NA	MIR4307HG
NA	ENSG00000257614	0	NA	NA	NA	NA	
NA	ENSG00000257616	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
379025	ENSG00000257621	902.198554	-0.10442754	0.08517861	0.20868246	0.4165387	PSMA3-AS1
NA	ENSG00000257622	2.17948077	0.03487031	0.38049835	0.62620037	NA	
NA	ENSG00000257624	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000257629	0	NA	NA	NA	NA	
NA	ENSG00000257634	0	NA	NA	NA	NA	
NA	ENSG00000257635	2.99283773	-0.16912509	0.42943886	0.07877048	0.20918301	
NA	ENSG00000257636	0	NA	NA	NA	NA	G2E3-AS1
NA	ENSG00000257639	0	NA	NA	NA	NA	
105369954	ENSG00000257642	0	NA	NA	NA	NA	
NA	ENSG00000257643	0	NA	NA	NA	NA	
NA	ENSG00000257644	0	NA	NA	NA	NA	
NA	ENSG00000257645	0	NA	NA	NA	NA	
NA	ENSG00000257647	0	NA	NA	NA	NA	
NA	ENSG00000257648	0	NA	NA	NA	NA	CYCSP30
NA	ENSG00000257649	0	NA	NA	NA	NA	METTL7AP1
NA	ENSG00000257653	0	NA	NA	NA	NA	
NA	ENSG00000257654	0	NA	NA	NA	NA	
NA	ENSG00000257657	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000257658	0	NA	NA	NA	NA	
100506125	ENSG00000257660	2.20833247	-0.0077292	0.37304752	0.93217607	NA	ADCY6-DT
NA	ENSG00000257662	0	NA	NA	NA	NA	EIF4A1P12
NA	ENSG00000257663	0.64930469	0.00270646	0.38248869	0.94822116	NA	
NA	ENSG00000257664	0	NA	NA	NA	NA	RSL24D1P5
NA	ENSG00000257666	0.30139824	-0.02296476	0.38527817	0.68536535	NA	CBX3P5
NA	ENSG00000257668	0	NA	NA	NA	NA	
109729127	ENSG00000257671	0	NA	NA	NA	NA	KRT7-AS
NA	ENSG00000257672	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000257674	0.96503148	-0.02471571	0.38059532	0.70115278	NA	
NA	ENSG00000257675	0.14931947	-0.01844332	0.38480212	0.84537521	NA	BTBD10P1
NA	ENSG00000257677	0	NA	NA	NA	NA	LINC02464

NA	ENSG00000257680	0	NA	NA	NA	NA	
NA	ENSG00000257681	2.71274279	-0.03582909	0.37385886	0.7118602	0.86154673	
NA	ENSG00000257682	0	NA	NA	NA	NA	
NA	ENSG00000257683	0	NA	NA	NA	NA	LINC02463
NA	ENSG00000257687	0	NA	NA	NA	NA	
NA	ENSG00000257691	0	NA	NA	NA	NA	
NA	ENSG00000257696	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000257698	106.928982	-0.07101843	0.20832426	0.68407216	0.84597592	GIHCG
NA	ENSG00000257700	0	NA	NA	NA	NA	
NA	ENSG00000257702	54.8882957	1.05691211	0.35562583	0.00028641	0.00196215	LBX2-AS1
NA	ENSG00000257703	0	NA	NA	NA	NA	
255783	ENSG00000257704	85.1235464	0.17908175	0.21897456	0.32364339	0.55140274	INAFM1
100505978	ENSG00000257711	3.03345729	0.01949005	0.37332372	0.8325665	0.92392457	
NA	ENSG00000257715	0	NA	NA	NA	NA	
NA	ENSG00000257718	0	NA	NA	NA	NA	CPNE8-AS1
NA	ENSG00000257720	0	NA	NA	NA	NA	ILF2P2
NA	ENSG00000257721	0	NA	NA	NA	NA	
NA	ENSG00000257723	0	NA	NA	NA	NA	CHCHD3P2
105369891	ENSG00000257725	0	NA	NA	NA	NA	LINC02399
NA	ENSG00000257726	0	NA	NA	NA	NA	
10330	ENSG00000257727	744.386029	-0.02554777	0.11319037	0.81219451	0.91499949	CNPY2
NA	ENSG00000257729	0	NA	NA	NA	NA	
NA	ENSG00000257730	0	NA	NA	NA	NA	LSM6P2
NA	ENSG00000257731	0	NA	NA	NA	NA	
NA	ENSG00000257732	0	NA	NA	NA	NA	
NA	ENSG00000257735	0	NA	NA	NA	NA	
NA	ENSG00000257737	0	NA	NA	NA	NA	
NA	ENSG00000257738	0	NA	NA	NA	NA	
NA	ENSG00000257740	1.18876856	-0.0058103	0.37852154	0.9323953	NA	
101928420	ENSG00000257741	0	NA	NA	NA	NA	LINC01490
93432	ENSG00000257743	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MGAM2
NA	ENSG00000257746	0	NA	NA	NA	NA	
101928449	ENSG00000257747	0	NA	NA	NA	NA	LINC02426
NA	ENSG00000257748	0	NA	NA	NA	NA	LINC02281
NA	ENSG00000257750	0	NA	NA	NA	NA	LINC02445
NA	ENSG00000257751	0	NA	NA	NA	NA	
NA	ENSG00000257752	5.24388612	0.04647384	0.36256999	0.72268647	0.86754018	
NA	ENSG00000257754	0	NA	NA	NA	NA	

NA	ENSG00000257756	0	NA	NA	NA	NA	LINC02386
NA	ENSG00000257757	0	NA	NA	NA	NA	OR6C7P
NA	ENSG00000257758	0.33471731	0.02354391	0.38534154	0.62842204	NA	KRT18P20
NA	ENSG00000257759	0	NA	NA	NA	NA	
NA	ENSG00000257761	0.96612184	-0.00937563	0.38192732	0.84820033	NA	
101929084	ENSG00000257762	0	NA	NA	NA	NA	LINC02401
NA	ENSG00000257763	0.34624801	-0.02356563	0.38536324	0.65270996	NA	OR5BK1P
NA	ENSG00000257764	0.34686924	0.00023121	0.38336212	0.96626839	NA	
NA	ENSG00000257766	0	NA	NA	NA	NA	
NA	ENSG00000257767	105.728924	-0.20218843	0.25050471	0.29814377	0.52487422	
NA	ENSG00000257769	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
101927292	ENSG00000257771	2.08231953	0.10515226	0.40257956	0.08753049	NA	LINC02395
NA	ENSG00000257773	0	NA	NA	NA	NA	ST13P3
NA	ENSG00000257777	0	NA	NA	NA	NA	
NA	ENSG00000257779	0	NA	NA	NA	NA	
644076	ENSG00000257780	0	NA	NA	NA	NA	GLYCAM1
NA	ENSG00000257781	0	NA	NA	NA	NA	
101927038	ENSG00000257784	0	NA	NA	NA	NA	LINC02400
NA	ENSG00000257786	0	NA	NA	NA	NA	AKIRIN1P1
NA	ENSG00000257787	0	NA	NA	NA	NA	
NA	ENSG00000257790	0.95743137	-0.01822246	0.38169911	0.73799209	NA	EIF4A1P4
NA	ENSG00000257792	0	NA	NA	NA	NA	OR5BJ1P
NA	ENSG00000257797	0	NA	NA	NA	NA	
NA	ENSG00000257800	79.5257829	-0.06717991	0.21791054	0.70730388	0.85900354	FNBP1P1
NA	ENSG00000257802	0.65150102	-0.04657721	0.38779463	0.35757921	NA	MRS2P2
NA	ENSG00000257803	3.33626583	-0.00176703	0.37166629	0.98335524	0.99428951	PIGAP1
NA	ENSG00000257807	0	NA	NA	NA	NA	
NA	ENSG00000257808	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000257809	0.93254924	-0.03557258	0.38418074	0.47020278	NA	
NA	ENSG00000257813	0	NA	NA	NA	NA	
101928062	ENSG00000257815	64.3187176	-0.29441612	0.26207698	0.14467786	0.32485387	PRANCR
NA	ENSG00000257817	0.49433257	0.00467589	0.38304963	0.86285712	NA	
NA	ENSG00000257818	0.51123866	0.01034289	0.3832635	0.78037986	NA	C1GALT1P1
NA	ENSG00000257820	0	NA	NA	NA	NA	MRPS6P4
NA	ENSG00000257823	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000257824	0	NA	NA	NA	NA	
NA	ENSG00000257825	0	NA	NA	NA	NA	
NA	ENSG00000257826	0	NA	NA	NA	NA	

NA	ENSG00000257829	0	NA	NA	NA	NA	
NA	ENSG00000257830	0	NA	NA	NA	NA	
NA	ENSG00000257831	0.68981252	0.02465428	0.38337634	0.58468503	NA	
NA	ENSG00000257835	0	NA	NA	NA	NA	
NA	ENSG00000257837	0	NA	NA	NA	NA	
653786	ENSG00000257838	0.68589721	-0.01098736	0.38275128	0.8097363	NA	OTOAP1
NA	ENSG00000257839	1.55029938	-0.0256118	0.37998349	0.70437611	NA	
102725045	ENSG00000257842	1.12322678	-0.02843616	0.38150985	0.6429299	NA	LINC02588
NA	ENSG00000257844	0	NA	NA	NA	NA	KRT90P
101927062	ENSG00000257845	0	NA	NA	NA	NA	LINC02294
NA	ENSG00000257846	0.62590022	-0.01586243	0.38335305	0.71379187	NA	
NA	ENSG00000257847	0	NA	NA	NA	NA	LSM3P2
NA	ENSG00000257848	0	NA	NA	NA	NA	
NA	ENSG00000257849	0	NA	NA	NA	NA	
NA	ENSG00000257851	0.32268716	-0.0232558	0.38531893	0.66949354	NA	HNRNPA3P10
NA	ENSG00000257852	0	NA	NA	NA	NA	
NA	ENSG00000257853	1.67874907	0.08693393	0.39791535	0.07706209	NA	MED15P1
NA	ENSG00000257855	0	NA	NA	NA	NA	
NA	ENSG00000257858	0	NA	NA	NA	NA	MTND1P24
101929110	ENSG00000257859	0	NA	NA	NA	NA	CASC18
101929058	ENSG00000257860	0	NA	NA	NA	NA	
NA	ENSG00000257863	0	NA	NA	NA	NA	
NA	ENSG00000257864	1.14110027	-0.06039064	0.38746524	0.31058519	NA	
NA	ENSG00000257865	0	NA	NA	NA	NA	
NA	ENSG00000257869	0	NA	NA	NA	NA	
NA	ENSG00000257870	0	NA	NA	NA	NA	
NA	ENSG00000257872	0	NA	NA	NA	NA	
NA	ENSG00000257875	0.50422328	0.01221466	0.3834197	0.7688125	NA	
NA	ENSG00000257878	0	NA	NA	NA	NA	
NA	ENSG00000257879	0	NA	NA	NA	NA	
NA	ENSG00000257880	0	NA	NA	NA	NA	
NA	ENSG00000257883	0.52282468	0.03148658	0.38608934	0.47245876	NA	
NA	ENSG00000257884	1.55301913	0.10830636	0.40506179	0.05791309	NA	
NA	ENSG00000257885	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PHBP18
NA	ENSG00000257890	0	NA	NA	NA	NA	
NA	ENSG00000257891	12.1102928	0.03415977	0.33686512	0.83790165	0.92628758	
105369900	ENSG00000257893	0	NA	NA	NA	NA	LINC02404
NA	ENSG00000257894	0	NA	NA	NA	NA	

NA	ENSG00000257896	3.37352303	0.08833763	0.38690002	0.35756869	0.58770299	
NA	ENSG00000257897	0	NA	NA	NA	NA	
NA	ENSG00000257900	2.9815783	-0.01010784	0.37172377	0.91531542	0.96406776	
NA	ENSG00000257904	0	NA	NA	NA	NA	
NA	ENSG00000257905	0	NA	NA	NA	NA	
NA	ENSG00000257906	0	NA	NA	NA	NA	LINC02156
NA	ENSG00000257907	0.31807464	0.00101387	0.38336579	0.96736215	NA	EEF1A1P17
NA	ENSG00000257910	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000257912	0	NA	NA	NA	NA	LINC02258
105369758	ENSG00000257913	141.300515	-0.11609711	0.18533873	0.47329502	0.69536236	DDN-AS1
NA	ENSG00000257915	0	NA	NA	NA	NA	GLULP5
NA	ENSG00000257918	0.81488378	-0.03782757	0.38404363	0.49398141	NA	
NA	ENSG00000257920	0	NA	NA	NA	NA	LINC02409
NA	ENSG00000257921	16.8545024	0.01765463	0.36413017	0.87376907	0.94441388	
1523	ENSG00000257923	4645.09389	0.00069187	0.0538647	0.99066347	0.99679705	CUX1
NA	ENSG00000257924	0	NA	NA	NA	NA	LINC02416
NA	ENSG00000257925	0	NA	NA	NA	NA	
NA	ENSG00000257927	0	NA	NA	NA	NA	MRPS36P5
NA	ENSG00000257932	0	NA	NA	NA	NA	
NA	ENSG00000257935	0	NA	NA	NA	NA	LHX5-AS1
NA	ENSG00000257940	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000257941	3.45868175	0.03117068	0.37363676	0.74752844	0.88138554	
NA	ENSG00000257943	0	NA	NA	NA	NA	
NA	ENSG00000257947	0	NA	NA	NA	NA	
NA	ENSG00000257948	0	NA	NA	NA	NA	
100134934	ENSG00000257949	382.10343	0.37409203	0.12454078	0.00147496	0.00826176	TEN1
NA	ENSG00000257950	70.1205395	-0.26651937	0.30171315	0.20612809	0.41317248	P2RX5-TAX1BP3
NA	ENSG00000257951	0.62337401	-0.04509847	0.38757227	0.37379167	NA	
NA	ENSG00000257953	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000257954	0.48543365	-0.005796	0.38312526	0.87687391	NA	
NA	ENSG00000257955	0	NA	NA	NA	NA	
NA	ENSG00000257956	0	NA	NA	NA	NA	NOP56P3
NA	ENSG00000257957	0.81202203	-0.00916527	0.38087636	0.87132789	NA	QRSL1P3
NA	ENSG00000257958	0	NA	NA	NA	NA	
NA	ENSG00000257959	0	NA	NA	NA	NA	
NA	ENSG00000257962	0	NA	NA	NA	NA	
NA	ENSG00000257964	5.84954828	0.10446055	0.3785733	0.42426856	0.65002811	
NA	ENSG00000257966	0.14931947	-0.01844332	0.38480212	0.84537521	NA	OLA1P3

NA	ENSG00000257976	0	NA	NA	NA	NA	
NA	ENSG00000257979	0	NA	NA	NA	NA	SNRPGP18
NA	ENSG00000257985	0	NA	NA	NA	NA	
NA	ENSG00000257986	0	NA	NA	NA	NA	LINC02306
255411	ENSG00000257987	0	NA	NA	NA	NA	TEX49
NA	ENSG00000257989	0	NA	NA	NA	NA	
NA	ENSG00000257991	0	NA	NA	NA	NA	
NA	ENSG00000257994	0	NA	NA	NA	NA	
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NA	ENSG00000257997	0	NA	NA	NA	NA	
NA	ENSG00000257998	0	NA	NA	NA	NA	
NA	ENSG00000258001	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000258007	0	NA	NA	NA	NA	
NA	ENSG00000258010	0.83839648	0.01507255	0.38112019	0.78894528	NA	
NA	ENSG00000258011	0.30139824	-0.02296476	0.38527817	0.68536535	NA	HMGA1P3
NA	ENSG00000258012	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000258013	0	NA	NA	NA	NA	RPL3P13
NA	ENSG00000258016	0	NA	NA	NA	NA	HIGD1AP1
NA	ENSG00000258017	71.1445154	-0.0700632	0.26570407	0.7155563	0.86274919	
NA	ENSG00000258018	0	NA	NA	NA	NA	LINC02457
NA	ENSG00000258021	0	NA	NA	NA	NA	
NA	ENSG00000258024	0	NA	NA	NA	NA	OR5BT1P
NA	ENSG00000258026	0	NA	NA	NA	NA	
NA	ENSG00000258027	13.0652512	-0.03349737	0.33840563	0.8352025	0.92475394	NF1P4
NA	ENSG00000258028	0	NA	NA	NA	NA	
NA	ENSG00000258033	0	NA	NA	NA	NA	SNX5P2
NA	ENSG00000258034	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000258035	0.63982575	-0.01892123	0.38293964	0.67947749	NA	
NA	ENSG00000258036	0	NA	NA	NA	NA	KRT125P
NA	ENSG00000258038	0	NA	NA	NA	NA	LINC02327
101928937	ENSG00000258039	0	NA	NA	NA	NA	
NA	ENSG00000258044	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000258045	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000258048	0	NA	NA	NA	NA	
NA	ENSG00000258050	0	NA	NA	NA	NA	
NA	ENSG00000258051	0	NA	NA	NA	NA	
NA	ENSG00000258052	0	NA	NA	NA	NA	
NA	ENSG00000258053	8.83824862	0.19096369	0.39683132	0.25704972	0.47809754	

105369779	ENSG00000258056	75.8642502	-0.11486531	0.22819811	0.53238257	0.74373118	
100286844	ENSG00000258057	57.1805538	-0.05634031	0.2607378	0.76822518	0.89324733	BCDIN3D-AS1
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	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	ARL2BPP2
	NA	8.08600244	-0.13798594	0.37768969	0.3695688	0.59894175	
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	VTI1BP3
	NA	0	NA	NA	NA	NA	
	NA	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	0	NA	NA	NA	NA	ARHGAP42P4
	NA	8.34691666	1.04599576	2.46741552	0.00902864	0.03811757	
	NA	0	NA	NA	NA	NA	
130075	ENSG00000258083	0	NA	NA	NA	NA	OR9A4
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	
	NA	0.61269302	-0.0154094	0.38334849	0.72538272	NA	
	NA	0.35658473	0.02381637	0.38538095	0.61406569	NA	
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	
	NA	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
105370414	ENSG00000258098	0	NA	NA	NA	NA	LINC02286
102723619	ENSG00000258099	5.23020737	0.11407996	0.38016892	0.39662999	0.6258107	ATXN2-AS
	NA	0	NA	NA	NA	NA	LINC02823
	NA	1.0493197	0.0041202	0.37992275	0.94622322	NA	
643246	ENSG00000258102	1.8396817	0.06198932	0.38555815	0.38874668	NA	MAP1LC3B2
	NA	0.173733	0.01914545	0.38484597	0.78225479	NA	HIGD1AP9
	NA	0	NA	NA	NA	NA	
	NA	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	CCNG2P1
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	PPIAP45
	NA	0	NA	NA	NA	NA	
	NA	0	NA	NA	NA	NA	PPIAP44

NA	ENSG00000258119	0	NA	NA	NA	NA	
NA	ENSG00000258120	0	NA	NA	NA	NA	KRT128P
NA	ENSG00000258121	0	NA	NA	NA	NA	
NA	ENSG00000258122	0	NA	NA	NA	NA	
101928137	ENSG00000258123	0	NA	NA	NA	NA	LINC02444
NA	ENSG00000258125	0	NA	NA	NA	NA	
NA	ENSG00000258128	0	NA	NA	NA	NA	MKRN9P
NA	ENSG00000258130	12.6763754	0.04478041	0.3405499	0.78813441	0.90384894	
NA	ENSG00000258131	0	NA	NA	NA	NA	
NA	ENSG00000258133	0	NA	NA	NA	NA	
NA	ENSG00000258134	0.50771564	0.0147973	0.38309077	0.74578404	NA	
283332	ENSG00000258135	1.25293733	0.04073749	0.38261832	0.53175389	NA	LINC02396
101929162	ENSG00000258136	6.1620427	0.08376848	0.36714373	0.54356671	0.75152359	
102724050	ENSG00000258137	0	NA	NA	NA	NA	
NA	ENSG00000258140	0	NA	NA	NA	NA	
NA	ENSG00000258142	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000258144	0	NA	NA	NA	NA	LINC02406
NA	ENSG00000258148	0	NA	NA	NA	NA	
NA	ENSG00000258150	2.3512397	0.02055127	0.38064882	0.73722917	NA	
NA	ENSG00000258153	0.173124	-0.01911262	0.38486262	0.84537521	NA	HSPE1P4
NA	ENSG00000258154	0	NA	NA	NA	NA	
NA	ENSG00000258159	0	NA	NA	NA	NA	IMMP1LP2
NA	ENSG00000258162	0	NA	NA	NA	NA	
NA	ENSG00000258167	0	NA	NA	NA	NA	
NA	ENSG00000258168	2.41090215	-0.08741257	0.39102862	0.26170632	NA	
283432	ENSG00000258169	0.73390991	0.04228368	0.38742348	0.33493889	NA	LINC00485
NA	ENSG00000258170	0	NA	NA	NA	NA	
NA	ENSG00000258171	0.51937201	-0.02557462	0.38567603	0.54680819	NA	LINC02412
NA	ENSG00000258172	1.07986558	-0.04603501	0.38576236	0.38293628	NA	
NA	ENSG00000258173	0	NA	NA	NA	NA	
NA	ENSG00000258175	0	NA	NA	NA	NA	LINC02300
NA	ENSG00000258177	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000258178	0	NA	NA	NA	NA	
NA	ENSG00000258179	0	NA	NA	NA	NA	
NA	ENSG00000258181	0	NA	NA	NA	NA	
NA	ENSG00000258183	0	NA	NA	NA	NA	LINC02392
NA	ENSG00000258184	0	NA	NA	NA	NA	
NA	ENSG00000258185	0	NA	NA	NA	NA	

NA	ENSG00000258186	6.70649715	-0.02062007	0.38341426	0.63224591	0.8139484	SLC7A5P2
NA	ENSG00000258193	0	NA	NA	NA	NA	
NA	ENSG00000258196	0	NA	NA	NA	NA	
NA	ENSG00000258197	0	NA	NA	NA	NA	NKX2-2-AS1
NA	ENSG00000258199	2.30986511	0.10693454	0.3970938	0.21635767	NA	
NA	ENSG00000258202	0	NA	NA	NA	NA	
NA	ENSG00000258203	0	NA	NA	NA	NA	
NA	ENSG00000258204	0	NA	NA	NA	NA	
NA	ENSG00000258205	0	NA	NA	NA	NA	
NA	ENSG00000258206	0	NA	NA	NA	NA	
NA	ENSG00000258210	29.8977432	0.22125262	0.33593131	0.28540566	0.51091295	
NA	ENSG00000258212	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ZNF75BP
NA	ENSG00000258214	0	NA	NA	NA	NA	
NA	ENSG00000258215	0	NA	NA	NA	NA	
NA	ENSG00000258216	0	NA	NA	NA	NA	
105369860	ENSG00000258220	0	NA	NA	NA	NA	LINC02424
136541	ENSG00000258223	0	NA	NA	NA	NA	PRSS58
NA	ENSG00000258224	0	NA	NA	NA	NA	
NA	ENSG00000258225	0.173124	-0.01911262	0.38486262	0.84537521	NA	
23601	ENSG00000258227	0	NA	NA	NA	NA	CLEC5A
NA	ENSG00000258230	2.22764559	0.01087879	0.37561076	0.89391305	NA	
100506869	ENSG00000258231	0	NA	NA	NA	NA	
NA	ENSG00000258232	0	NA	NA	NA	NA	
NA	ENSG00000258233	0	NA	NA	NA	NA	ARHGAP42P5
NA	ENSG00000258234	0	NA	NA	NA	NA	
NA	ENSG00000258235	0	NA	NA	NA	NA	
NA	ENSG00000258239	0	NA	NA	NA	NA	MTND2P17
105369980	ENSG00000258240	111.935443	-0.24121137	0.20249703	0.16265846	0.35150242	
NA	ENSG00000258244	0	NA	NA	NA	NA	OSTF1P1
NA	ENSG00000258245	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL10P13
NA	ENSG00000258249	0	NA	NA	NA	NA	
NA	ENSG00000258251	0	NA	NA	NA	NA	YPEL5P3
NA	ENSG00000258253	0	NA	NA	NA	NA	
NA	ENSG00000258254	0	NA	NA	NA	NA	
NA	ENSG00000258256	0	NA	NA	NA	NA	
NA	ENSG00000258260	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
NA	ENSG00000258262	0	NA	NA	NA	NA	
NA	ENSG00000258265	0	NA	NA	NA	NA	

NA	ENSG00000258271	0	NA	NA	NA	NA	
NA	ENSG00000258272	0	NA	NA	NA	NA	
NA	ENSG00000258273	0	NA	NA	NA	NA	
101928731	ENSG00000258274	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000258275	0	NA	NA	NA	NA	OR7K1P
NA	ENSG00000258278	0	NA	NA	NA	NA	CLUHP8
283404	ENSG00000258279	0.59935816	-0.03506877	0.38648552	0.44268014	NA	LINC00592
NA	ENSG00000258282	0	NA	NA	NA	NA	BTF3P2
NA	ENSG00000258283	0	NA	NA	NA	NA	
NA	ENSG00000258284	0.31842879	0.00136449	0.38336849	0.96400503	NA	POLR2KP1
NA	ENSG00000258285	0	NA	NA	NA	NA	TESC-AS1
NA	ENSG00000258288	0	NA	NA	NA	NA	NENFP2
91612	ENSG00000258289	538.105359	-0.28092529	0.15148838	0.04270633	0.1320389	CHURC1
NA	ENSG00000258290	0	NA	NA	NA	NA	BRWD1P2
105369920	ENSG00000258292	0	NA	NA	NA	NA	LINC02410
NA	ENSG00000258294	0	NA	NA	NA	NA	
NA	ENSG00000258300	0.53713907	0.01399743	0.38347309	0.73862382	NA	NUTF2P2
100506603	ENSG00000258301	85.339	0.42369231	0.28432544	0.05037962	0.14978744	VASH1-AS1
NA	ENSG00000258302	4.25345303	0.04537848	0.36866638	0.69767259	0.85399787	
NA	ENSG00000258303	0.87750813	0.01908042	0.38133857	0.73610901	NA	
NA	ENSG00000258304	0	NA	NA	NA	NA	
NA	ENSG00000258308	0	NA	NA	NA	NA	
NA	ENSG00000258311	140.715714	0.39987177	0.21287022	0.02736654	0.09336911	
NA	ENSG00000258312	0	NA	NA	NA	NA	
NA	ENSG00000258313	0	NA	NA	NA	NA	
NA	ENSG00000258314	5.92978499	-0.17086029	0.41502767	0.1775594	0.37266248	
124944	ENSG00000258315	1044.96158	0.36723703	0.08685515	1.37E-05	0.00012703	C17orf49
NA	ENSG00000258316	0.37844916	0.02407552	0.3854191	0.60038877	NA	KLF17P1
NA	ENSG00000258317	7.96716592	0.15321143	0.39242005	0.29252003	0.51859507	
NA	ENSG00000258320	0	NA	NA	NA	NA	
NA	ENSG00000258323	0	NA	NA	NA	NA	
NA	ENSG00000258324	0	NA	NA	NA	NA	
NA	ENSG00000258325	11.7208839	-0.04051301	0.34327868	0.79707914	0.90675443	ITFG2-AS1
105369740	ENSG00000258331	0	NA	NA	NA	NA	LINC02461
NA	ENSG00000258332	0	NA	NA	NA	NA	LINC02394
101927267	ENSG00000258334	2.05731581	-0.10232607	0.39699907	0.20192737	NA	
NA	ENSG00000258336	0	NA	NA	NA	NA	DUX4L52
NA	ENSG00000258337	0	NA	NA	NA	NA	

NA	ENSG00000258338	0	NA	NA	NA	NA	
NA	ENSG00000258342	0	NA	NA	NA	NA	
105369921	ENSG00000258343	0.31792923	-0.00211466	0.38337802	0.99813022	NA	
NA	ENSG00000258344	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000258345	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000258346	0	NA	NA	NA	NA	
NA	ENSG00000258350	0	NA	NA	NA	NA	SYF2P1
NA	ENSG00000258352	0	NA	NA	NA	NA	IFITM3P6
NA	ENSG00000258354	9.71434936	0.03944667	0.3701791	0.72266653	0.86754018	
NA	ENSG00000258355	0	NA	NA	NA	NA	
NA	ENSG00000258357	0	NA	NA	NA	NA	NSA2P2
NA	ENSG00000258358	0	NA	NA	NA	NA	
NA	ENSG00000258359	3.83547474	-0.00685995	0.37035721	0.94375145	0.97708788	PCNPP1
NA	ENSG00000258360	0	NA	NA	NA	NA	NF1P12
NA	ENSG00000258364	0	NA	NA	NA	NA	
NA	ENSG00000258365	15.2765017	-0.05839621	0.33305538	0.73202411	0.87198139	
51750	ENSG00000258366	707.06562	0.23686987	0.10776444	0.02161543	0.07746569	RTEL1
NA	ENSG00000258367	0	NA	NA	NA	NA	
NA	ENSG00000258368	0	NA	NA	NA	NA	ZNF970P
NA	ENSG00000258369	0	NA	NA	NA	NA	ADI1P3
NA	ENSG00000258373	0	NA	NA	NA	NA	SLC25A3P2
NA	ENSG00000258375	0	NA	NA	NA	NA	
NA	ENSG00000258376	0	NA	NA	NA	NA	
NA	ENSG00000258377	16.3417957	-0.10688492	0.37621584	0.4299394	0.65564932	
NA	ENSG00000258378	0	NA	NA	NA	NA	
NA	ENSG00000258379	0	NA	NA	NA	NA	
NA	ENSG00000258380	0	NA	NA	NA	NA	
NA	ENSG00000258381	0	NA	NA	NA	NA	
NA	ENSG00000258383	0	NA	NA	NA	NA	
NA	ENSG00000258384	10.510303	-0.02048417	0.34337776	0.89360151	0.95394425	RCCD1-AS1
NA	ENSG00000258385	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000258386	0	NA	NA	NA	NA	
NA	ENSG00000258387	0	NA	NA	NA	NA	
NA	ENSG00000258388	204.464596	1.20935351	0.22998674	1.34E-08	2.00E-07	PPT2-EGFL8
100506999	ENSG00000258390	0	NA	NA	NA	NA	LINC02318
NA	ENSG00000258392	0	NA	NA	NA	NA	RPA2P1
NA	ENSG00000258393	0.61763886	-0.01999622	0.38312027	0.68343048	NA	
NA	ENSG00000258394	0	NA	NA	NA	NA	

NA	ENSG00000258397	0	NA	NA	NA	NA	BCAR1P1
NA	ENSG00000258399	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000258400	0	NA	NA	NA	NA	
NA	ENSG00000258401	0	NA	NA	NA	NA	ATP5MC2P2
NA	ENSG00000258402	0	NA	NA	NA	NA	
NA	ENSG00000258404	0	NA	NA	NA	NA	LINC02320
147660	ENSG00000258405	79.9677665	-0.22639899	0.22721952	0.22241969	0.43535977	ZNF578
NA	ENSG00000258406	0	NA	NA	NA	NA	TUBBP3
NA	ENSG00000258407	0	NA	NA	NA	NA	
NA	ENSG00000258408	0	NA	NA	NA	NA	NT5CP2
NA	ENSG00000258410	19.3039745	0.04903101	0.31236545	0.79271579	0.90515734	
NA	ENSG00000258411	0	NA	NA	NA	NA	
NA	ENSG00000258412	0	NA	NA	NA	NA	
NA	ENSG00000258413	0	NA	NA	NA	NA	
NA	ENSG00000258414	0	NA	NA	NA	NA	
NA	ENSG00000258415	0	NA	NA	NA	NA	LONRF2P4
NA	ENSG00000258416	0	NA	NA	NA	NA	
NA	ENSG00000258417	0	NA	NA	NA	NA	
105370586	ENSG00000258419	0	NA	NA	NA	NA	
NA	ENSG00000258420	0	NA	NA	NA	NA	LONRF2P3
NA	ENSG00000258421	0	NA	NA	NA	NA	FXNP1
NA	ENSG00000258422	2.38537092	-0.05052141	0.37611874	0.60540118	NA	
NA	ENSG00000258423	0	NA	NA	NA	NA	OR7E105P
NA	ENSG00000258424	3.11920952	0.03116404	0.36996489	0.77384073	0.89600234	
NA	ENSG00000258425	0.46751774	-0.00969729	0.38289489	0.84635666	NA	
NA	ENSG00000258426	0	NA	NA	NA	NA	
NA	ENSG00000258427	0.173733	0.01914545	0.38484597	0.78225479	NA	RBM8B
NA	ENSG00000258428	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
64146	ENSG00000258429	498.352264	-0.12177264	0.11095534	0.25068547	0.47063996	PDF
NA	ENSG00000258430	29.0083268	0.01191477	0.38336109	0.77189129	0.89538192	
NA	ENSG00000258431	0	NA	NA	NA	NA	
NA	ENSG00000258433	0	NA	NA	NA	NA	
NA	ENSG00000258435	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
493901	ENSG00000258436	0	NA	NA	NA	NA	RNASE12
NA	ENSG00000258437	0	NA	NA	NA	NA	
NA	ENSG00000258438	0	NA	NA	NA	NA	OR11K2P
NA	ENSG00000258439	1.50912783	0.02119261	0.37698955	0.79179824	NA	
NA	ENSG00000258440	0	NA	NA	NA	NA	

283624	ENSG00000258441	1923.7645	-0.3203389	0.07241486	6.39E-06	6.30E-05	LINC00641
NA	ENSG00000258443	1.24502402	0.07448185	0.39109992	0.22479629	NA	
NA	ENSG00000258444	0	NA	NA	NA	NA	
NA	ENSG00000258445	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MAD2L1P1
NA	ENSG00000258446	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000258448	0.48403678	0.01091096	0.38338245	0.79204509	NA	
NA	ENSG00000258449	0	NA	NA	NA	NA	
NA	ENSG00000258450	1.15752743	-0.0052061	0.37951916	0.93445705	NA	
NA	ENSG00000258451	0	NA	NA	NA	NA	EGILA
NA	ENSG00000258452	0	NA	NA	NA	NA	HMG2P2
79334	ENSG00000258453	0	NA	NA	NA	NA	OR11H2
NA	ENSG00000258454	1.68741709	0.06511262	0.38374068	0.43120214	NA	
NA	ENSG00000258455	0	NA	NA	NA	NA	
NA	ENSG00000258456	0	NA	NA	NA	NA	PTCD2P1
NA	ENSG00000258457	4.46577951	0.25072753	0.48805422	0.051192	0.15179828	
NA	ENSG00000258458	2.08172957	-0.11764516	0.40882318	0.0443041	NA	
NA	ENSG00000258459	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000258460	0	NA	NA	NA	NA	
NA	ENSG00000258461	6.34155771	0.00789888	0.35803012	0.95438342	0.98112988	
NA	ENSG00000258462	0	NA	NA	NA	NA	
NA	ENSG00000258463	0	NA	NA	NA	NA	
NA	ENSG00000258464	0	NA	NA	NA	NA	
NA	ENSG00000258465	28.0862041	-0.03120025	0.37705143	0.70513313	0.85803894	
NA	ENSG00000258466	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000258467	0	NA	NA	NA	NA	PHKBP2
NA	ENSG00000258468	0	NA	NA	NA	NA	OR11G1P
NA	ENSG00000258469	1.30252613	-0.01896535	0.37960262	0.77618262	NA	CHMP4BP1
101929718	ENSG00000258471	1.34258671	0.00809431	0.37690483	0.91698698	NA	
NA	ENSG00000258472	37.9772071	0.02179507	0.27955079	0.91124775	0.96222021	
NA	ENSG00000258473	0	NA	NA	NA	NA	
NA	ENSG00000258474	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02313
NA	ENSG00000258476	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02207
NA	ENSG00000258477	0.32406722	-0.02327495	0.38532164	0.66846859	NA	PPIAP6
NA	ENSG00000258478	0	NA	NA	NA	NA	
NA	ENSG00000258479	0.32404224	-0.02327475	0.3853216	0.66848297	NA	LINC00640
NA	ENSG00000258481	0	NA	NA	NA	NA	
NA	ENSG00000258482	0	NA	NA	NA	NA	TRAV15
105371008	ENSG00000258483	0	NA	NA	NA	NA	LINC02251

246777	ENSG00000258484	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SPESP1
NA	ENSG00000258485	0.16735865	0.01897177	0.38482933	0.78225479	NA	SRMP2
NA	ENSG00000258487	0	NA	NA	NA	NA	LINC02277
NA	ENSG00000258488	0	NA	NA	NA	NA	
NA	ENSG00000258489	0	NA	NA	NA	NA	
NA	ENSG00000258490	0	NA	NA	NA	NA	
NA	ENSG00000258491	0	NA	NA	NA	NA	ZFP64P1
NA	ENSG00000258493	0	NA	NA	NA	NA	
NA	ENSG00000258494	0	NA	NA	NA	NA	OR11J5P
NA	ENSG00000258496	0	NA	NA	NA	NA	
NA	ENSG00000258497	0	NA	NA	NA	NA	
64150	ENSG00000258498	61.7626204	2.97487729	0.4255891	2.01E-13	4.81E-12	DIO3OS
101929002	ENSG00000258499	2.18395667	0.04338227	0.37807532	0.61831828	NA	LINC02287
NA	ENSG00000258500	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000258501	0	NA	NA	NA	NA	EIF3LP1
NA	ENSG00000258502	0	NA	NA	NA	NA	LINC02290
NA	ENSG00000258503	0	NA	NA	NA	NA	
NA	ENSG00000258504	0	NA	NA	NA	NA	
NA	ENSG00000258505	0	NA	NA	NA	NA	
NA	ENSG00000258506	0	NA	NA	NA	NA	
NA	ENSG00000258507	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000258509	0	NA	NA	NA	NA	
NA	ENSG00000258510	0.99927239	-0.02009313	0.38090808	0.7375543	NA	
NA	ENSG00000258511	0	NA	NA	NA	NA	LINC02295
145200	ENSG00000258512	0	NA	NA	NA	NA	LINC00239
NA	ENSG00000258513	0	NA	NA	NA	NA	
NA	ENSG00000258515	2.30670225	0.03132635	0.37625755	0.72096649	NA	
NA	ENSG00000258516	0	NA	NA	NA	NA	
NA	ENSG00000258517	0	NA	NA	NA	NA	
NA	ENSG00000258519	0	NA	NA	NA	NA	
NA	ENSG00000258520	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000258521	1.20948391	0.04162335	0.3830551	0.50912522	NA	
NA	ENSG00000258524	2.5978699	-0.01116979	0.37094484	0.90964504	0.96107209	NT5CP1
100506071	ENSG00000258525	71.4454608	-0.19502605	0.25028186	0.31452557	0.54224777	
NA	ENSG00000258526	4.02601873	0.12615954	0.39143409	0.30722527	0.53477359	
NA	ENSG00000258527	0	NA	NA	NA	NA	ASB9P1
NA	ENSG00000258529	2.02672461	0.00061583	0.38024291	0.99383555	NA	
NA	ENSG00000258531	0	NA	NA	NA	NA	BANF1P1

102724338	ENSG00000258532	0	NA	NA	NA	NA	LINC02305
NA	ENSG00000258534	0	NA	NA	NA	NA	
NA	ENSG00000258535	0	NA	NA	NA	NA	
NA	ENSG00000258536	0	NA	NA	NA	NA	FKBP1BP1
100874185	ENSG00000258537	0	NA	NA	NA	NA	FRMD6-AS2
NA	ENSG00000258538	0	NA	NA	NA	NA	
NA	ENSG00000258539	28.0770881	0.10557467	0.29988178	0.58893634	0.78351083	
NA	ENSG00000258540	0	NA	NA	NA	NA	
NA	ENSG00000258541	0	NA	NA	NA	NA	OR4K4P
NA	ENSG00000258542	0	NA	NA	NA	NA	
NA	ENSG00000258544	0	NA	NA	NA	NA	GLRXP2
101928969	ENSG00000258545	0.45462773	0.01718682	0.38417264	0.78680624	NA	RHOXF1-AS1
NA	ENSG00000258546	0	NA	NA	NA	NA	CENPUP2
100505967	ENSG00000258548	8.61158097	0.23362354	0.44296937	0.13456654	0.30894131	LINC00645
NA	ENSG00000258549	0	NA	NA	NA	NA	
NA	ENSG00000258550	0	NA	NA	NA	NA	OR7E106P
101926928	ENSG00000258551	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000258552	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FAM204DP
NA	ENSG00000258553	0	NA	NA	NA	NA	
NA	ENSG00000258554	0	NA	NA	NA	NA	
NA	ENSG00000258555	51.4632879	-0.15857978	0.32453801	0.41902849	0.64480922	PECC1L-ADORA2A
NA	ENSG00000258556	0	NA	NA	NA	NA	LINC02322
NA	ENSG00000258557	0	NA	NA	NA	NA	
NA	ENSG00000258558	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000258559	74.1824312	0.18188071	0.2293705	0.3290876	0.55761363	
NA	ENSG00000258560	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000258561	6.95247043	-0.03565042	0.36119097	0.77717993	0.89777292	
NA	ENSG00000258562	0	NA	NA	NA	NA	
NA	ENSG00000258563	0	NA	NA	NA	NA	PSMA3P1
NA	ENSG00000258564	0	NA	NA	NA	NA	OR4N1P
NA	ENSG00000258565	0.46828208	-0.0090313	0.38285807	0.85484808	NA	BLZF2P
NA	ENSG00000258566	0	NA	NA	NA	NA	
NA	ENSG00000258567	0	NA	NA	NA	NA	DUX4L16
NA	ENSG00000258568	11.6416246	0.21067076	0.39245345	0.25092981	0.47084257	RHOQP1
NA	ENSG00000258569	0	NA	NA	NA	NA	
NA	ENSG00000258570	0	NA	NA	NA	NA	H3P40
NA	ENSG00000258571	0.81666589	0.01578923	0.38191708	0.75945952	NA	PTTG4P
NA	ENSG00000258572	1.06626086	0.00211607	0.38071978	0.96995545	NA	

254028	ENSG00000258573	0	NA	NA	NA	NA	
NA	ENSG00000258576	0.86868413	0.03890076	0.3848729	0.44296267	NA	
NA	ENSG00000258577	0	NA	NA	NA	NA	SNRPGP1
NA	ENSG00000258578	0	NA	NA	NA	NA	
NA	ENSG00000258580	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000258581	0	NA	NA	NA	NA	
NA	ENSG00000258583	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01500
283592	ENSG00000258584	0	NA	NA	NA	NA	FAM181A-AS1
NA	ENSG00000258585	0	NA	NA	NA	NA	ZNF519P3
100506498	ENSG00000258586	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02274
NA	ENSG00000258587	0	NA	NA	NA	NA	
445372	ENSG00000258588	0	NA	NA	NA	NA	TRIM6-TRIM34
NA	ENSG00000258590	0	NA	NA	NA	NA	NBEAP1
NA	ENSG00000258591	0.49292324	0.01462381	0.38312053	0.75145573	NA	PPIAP4
NA	ENSG00000258592	0	NA	NA	NA	NA	
NA	ENSG00000258593	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000258594	0	NA	NA	NA	NA	
NA	ENSG00000258595	0	NA	NA	NA	NA	CYB5AP3
390502	ENSG00000258597	0	NA	NA	NA	NA	SERPINA2
NA	ENSG00000258598	0	NA	NA	NA	NA	
NA	ENSG00000258599	0.87280488	-0.00936222	0.38152437	0.85686481	NA	
NA	ENSG00000258600	0	NA	NA	NA	NA	
NA	ENSG00000258601	0	NA	NA	NA	NA	
105370578	ENSG00000258602	0	NA	NA	NA	NA	LINC01629
NA	ENSG00000258603	0.66943461	0.03059546	0.38616409	0.42784935	NA	
NA	ENSG00000258604	0	NA	NA	NA	NA	
NA	ENSG00000258605	0	NA	NA	NA	NA	DYNLL1P2
NA	ENSG00000258608	0	NA	NA	NA	NA	DNAJC19P9
100885779	ENSG00000258609	0	NA	NA	NA	NA	LINC-ROR
NA	ENSG00000258610	0.74659737	-0.03303578	0.38644226	0.4112877	NA	
NA	ENSG00000258611	2.84087334	0.09294665	0.38805043	0.34059105	0.57088546	YBX2P2
NA	ENSG00000258613	0	NA	NA	NA	NA	RPL21P7
NA	ENSG00000258615	0	NA	NA	NA	NA	
NA	ENSG00000258616	0	NA	NA	NA	NA	LINC02303
NA	ENSG00000258618	0	NA	NA	NA	NA	RPL21P9
NA	ENSG00000258619	0	NA	NA	NA	NA	
NA	ENSG00000258620	0.86321978	-0.02219966	0.38294061	0.73898577	NA	
NA	ENSG00000258622	0	NA	NA	NA	NA	

NA	ENSG00000258623	0.86860088	0.0435735	0.38481798	0.41244625	NA	
NA	ENSG00000258624	0	NA	NA	NA	NA	SERPINE4P
NA	ENSG00000258625	0	NA	NA	NA	NA	OR11H5P
NA	ENSG00000258626	0.33471731	0.02354391	0.38534154	0.62842204	NA	COX7A2P1
NA	ENSG00000258627	0	NA	NA	NA	NA	
NA	ENSG00000258628	0	NA	NA	NA	NA	RHPN2P1
NA	ENSG00000258629	0	NA	NA	NA	NA	NCOA4P1
101929080	ENSG00000258630	0	NA	NA	NA	NA	LINC02292
NA	ENSG00000258631	0	NA	NA	NA	NA	
NA	ENSG00000258632	0	NA	NA	NA	NA	
NA	ENSG00000258633	0	NA	NA	NA	NA	
NA	ENSG00000258634	682.65217	-0.43232527	0.10317551	1.32E-05	0.00012321	
NA	ENSG00000258636	0.86236687	-0.00361619	0.38130519	0.94514815	NA	
NA	ENSG00000258637	0	NA	NA	NA	NA	
NA	ENSG00000258638	0	NA	NA	NA	NA	
NA	ENSG00000258639	0	NA	NA	NA	NA	
NA	ENSG00000258640	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL21P5
NA	ENSG00000258641	0	NA	NA	NA	NA	OR4T1P
NA	ENSG00000258642	0	NA	NA	NA	NA	
100529063	ENSG00000258643	103.75967	1.51064333	0.38740194	6.45E-06	6.34E-05	BCL2L2-PABPN1
100529257	ENSG00000258644	8.9982285	0.19387112	0.40615186	0.23106508	0.44716458	SYNJ2BP-COX16
NA	ENSG00000258645	0	NA	NA	NA	NA	HSPE1P2
NA	ENSG00000258646	0.98424876	0.00495848	0.37927337	0.93926378	NA	
NA	ENSG00000258647	0	NA	NA	NA	NA	LINC00930
NA	ENSG00000258648	0.51937201	-0.02557462	0.38567603	0.54680819	NA	UBE2CP1
NA	ENSG00000258649	0	NA	NA	NA	NA	
NA	ENSG00000258650	0	NA	NA	NA	NA	HSBP1P1
105370458	ENSG00000258651	0	NA	NA	NA	NA	SEC23A-AS1
NA	ENSG00000258653	33.4586321	0.08495692	0.2808037	0.66429551	0.8344174	
NA	ENSG00000258654	5.02676918	0.1105596	0.3793556	0.40981644	0.63780658	
NA	ENSG00000258655	22.7323283	0.05385255	0.30691029	0.77582524	0.89693915	ARHGAP5-AS1
NA	ENSG00000258656	0	NA	NA	NA	NA	
NA	ENSG00000258657	0	NA	NA	NA	NA	
NA	ENSG00000258658	0.35734097	0.02382181	0.3853818	0.613684	NA	
53840	ENSG00000258659	0	NA	NA	NA	NA	TRIM34
NA	ENSG00000258660	0.90419472	-0.03873466	0.3871499	0.33610152	NA	
NA	ENSG00000258661	0	NA	NA	NA	NA	
NA	ENSG00000258662	0	NA	NA	NA	NA	

NA	ENSG00000258663	0	NA	NA	NA	NA	
NA	ENSG00000258665	0	NA	NA	NA	NA	
NA	ENSG00000258666	0	NA	NA	NA	NA	
105370526	ENSG00000258667	2.50719796	-0.0223608	0.37657797	0.78446103	NA	HIF1A-AS3
NA	ENSG00000258668	0	NA	NA	NA	NA	COX6CP11
NA	ENSG00000258670	2.23918387	0.09181314	0.38853853	0.33208468	NA	
NA	ENSG00000258671	0	NA	NA	NA	NA	
NA	ENSG00000258672	0	NA	NA	NA	NA	
104355139	ENSG00000258673	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01397
NA	ENSG00000258674	49.4580277	0.46683416	0.31511757	0.04293573	0.13257414	
NA	ENSG00000258675	0	NA	NA	NA	NA	LINC02308
NA	ENSG00000258676	4.04987178	-0.02535768	0.3694109	0.80968203	0.91359357	
NA	ENSG00000258677	38.6434922	-0.15912733	0.27999736	0.42427891	0.65002811	
101930294	ENSG00000258678	1.20681322	-2.91E-05	0.38009187	0.93723406	NA	LINC02317
NA	ENSG00000258679	0	NA	NA	NA	NA	
NA	ENSG00000258680	0	NA	NA	NA	NA	
NA	ENSG00000258681	0	NA	NA	NA	NA	
NA	ENSG00000258682	3.82858969	-0.06372296	0.3729592	0.57715447	0.77558553	
NA	ENSG00000258683	0	NA	NA	NA	NA	
NA	ENSG00000258684	1.03122105	0.03450369	0.38161638	0.59427489	NA	BMS1P16
NA	ENSG00000258685	0	NA	NA	NA	NA	AKR1B1P5
NA	ENSG00000258687	0	NA	NA	NA	NA	
103695436	ENSG00000258689	0	NA	NA	NA	NA	LINC01269
NA	ENSG00000258690	0	NA	NA	NA	NA	
NA	ENSG00000258691	0	NA	NA	NA	NA	
NA	ENSG00000258692	1.3813298	-0.04269722	0.38312239	0.50166587	NA	SALL4P7
NA	ENSG00000258693	0	NA	NA	NA	NA	
NA	ENSG00000258694	0	NA	NA	NA	NA	LINC02319
NA	ENSG00000258695	2.47625236	0.09549624	0.38981375	0.31254906	NA	
NA	ENSG00000258696	0	NA	NA	NA	NA	
NA	ENSG00000258698	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000258699	0	NA	NA	NA	NA	
100506412	ENSG00000258700	0	NA	NA	NA	NA	LINC00871
196872	ENSG00000258701	77.9231131	0.07580104	0.22292086	0.67838727	0.84291038	LINC00638
NA	ENSG00000258702	19.2180328	0.05869849	0.32742496	0.74041693	0.87742184	
NA	ENSG00000258703	0	NA	NA	NA	NA	
NA	ENSG00000258704	10.7547498	0.19089734	0.38789807	0.27831124	0.50270347	SRP54-AS1
NA	ENSG00000258705	0	NA	NA	NA	NA	

NA	ENSG00000258706	0	NA	NA	NA	NA	SLC20A1P3
NA	ENSG00000258707	0	NA	NA	NA	NA	
100129794	ENSG00000258708	0	NA	NA	NA	NA	SLC25A21-AS1
348120	ENSG00000258710	0	NA	NA	NA	NA	LINC01193
NA	ENSG00000258711	0.64673492	-0.02044296	0.38308207	0.66919855	NA	
NA	ENSG00000258712	0	NA	NA	NA	NA	CXADRP2
128653	ENSG00000258713	0	NA	NA	NA	NA	C20orf141
105370622	ENSG00000258716	0	NA	NA	NA	NA	
NA	ENSG00000258717	1.10450617	-0.00572687	0.38053281	0.92099568	NA	
NA	ENSG00000258718	0	NA	NA	NA	NA	LINC02311
NA	ENSG00000258719	0	NA	NA	NA	NA	
NA	ENSG00000258721	0	NA	NA	NA	NA	OR11H3P
NA	ENSG00000258722	0	NA	NA	NA	NA	CKAP2P1
NA	ENSG00000258723	0	NA	NA	NA	NA	
54984	ENSG00000258724	4.62890369	-0.03020446	0.38662721	0.1548243	0.34030142	PINX1
100507118	ENSG00000258725	39.1453072	-0.343459	0.35876327	0.12804855	0.29872367	PRC1-AS1
NA	ENSG00000258726	0	NA	NA	NA	NA	DUXAP6
102724814	ENSG00000258727	175.507784	0.8584065	0.18818439	8.17E-07	9.41E-06	
NA	ENSG00000258728	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000258729	0.16735865	0.01897177	0.38482933	0.78225479	NA	
319085	ENSG00000258730	1.95610123	-0.03428023	0.37941605	0.64965455	NA	ITPK1-AS1
101927620	ENSG00000258731	0.82967321	0.03615821	0.38458456	0.46795668	NA	
NA	ENSG00000258732	27.1020261	-0.02789102	0.30491151	0.87978567	0.94668335	
NA	ENSG00000258733	0.3236641	0.00028064	0.38336257	0.97759073	NA	LINC02328
NA	ENSG00000258734	0	NA	NA	NA	NA	
145216	ENSG00000258735	0.85475092	0.01112511	0.38155846	0.83002369	NA	LINC00637
NA	ENSG00000258736	0	NA	NA	NA	NA	
NA	ENSG00000258737	0	NA	NA	NA	NA	SUB1P2
112268124	ENSG00000258738	94.7504971	-0.0033504	0.21239747	0.98489182	0.99473578	
NA	ENSG00000258739	1.85290297	-0.08227691	0.39073267	0.27234588	NA	ENO1P2
NA	ENSG00000258740	0	NA	NA	NA	NA	
NA	ENSG00000258741	8.50495866	0.04370428	0.36790044	0.70274375	0.85699455	H2AZ2P1
NA	ENSG00000258742	1.69096777	-0.0395492	0.38121202	0.57557387	NA	LINC02833
101928599	ENSG00000258743	0.91694949	0.06411138	0.39118496	0.20048665	NA	LINC02301
NA	ENSG00000258744	24.8465939	-0.05520327	0.30131758	0.76958206	0.89405696	
NA	ENSG00000258745	0	NA	NA	NA	NA	
NA	ENSG00000258746	0	NA	NA	NA	NA	
105370473	ENSG00000258747	0	NA	NA	NA	NA	

NA	ENSG00000258748	7.23965216	0.0673949	0.35731807	0.64740902	0.82430661	
NA	ENSG00000258749	6.42769711	0.01821091	0.37033898	0.86218508	0.9388505	
NA	ENSG00000258750	0	NA	NA	NA	NA	
NA	ENSG00000258751	0	NA	NA	NA	NA	
NA	ENSG00000258752	1.17588367	-0.00803917	0.37859767	0.90676936	NA	
NA	ENSG00000258753	0	NA	NA	NA	NA	
105369203	ENSG00000258754	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01579
NA	ENSG00000258757	0	NA	NA	NA	NA	
NA	ENSG00000258758	0	NA	NA	NA	NA	
NA	ENSG00000258759	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000258760	0	NA	NA	NA	NA	
NA	ENSG00000258761	0	NA	NA	NA	NA	
NA	ENSG00000258762	0	NA	NA	NA	NA	MTND4P33
NA	ENSG00000258763	0	NA	NA	NA	NA	
NA	ENSG00000258764	0	NA	NA	NA	NA	
NA	ENSG00000258765	0	NA	NA	NA	NA	
100628307	ENSG00000258766	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DIO2-AS1
NA	ENSG00000258767	0	NA	NA	NA	NA	
NA	ENSG00000258768	28.0344018	0.1503646	0.30319559	0.45182615	0.67506821	
NA	ENSG00000258769	0	NA	NA	NA	NA	RAP1AP
105370611	ENSG00000258770	0	NA	NA	NA	NA	LINC02330
NA	ENSG00000258771	0.15069912	-0.01848503	0.38480575	0.84537521	NA	BCAR1P2
NA	ENSG00000258772	0	NA	NA	NA	NA	
NA	ENSG00000258773	0	NA	NA	NA	NA	
NA	ENSG00000258774	0	NA	NA	NA	NA	NANOGP7
NA	ENSG00000258776	0	NA	NA	NA	NA	
100750246	ENSG00000258777	1.93206176	0.07616094	0.38674283	0.3569527	NA	HIF1A-AS1
NA	ENSG00000258778	0	NA	NA	NA	NA	EIF2S2P1
100506172	ENSG00000258779	0	NA	NA	NA	NA	LINC01568
NA	ENSG00000258780	0	NA	NA	NA	NA	BMS1P15
NA	ENSG00000258781	0	NA	NA	NA	NA	CDRT15P13
NA	ENSG00000258782	0	NA	NA	NA	NA	
NA	ENSG00000258783	4.99883918	0.01337344	0.36307903	0.91437924	0.96378282	KRT18P6
NA	ENSG00000258784	0	NA	NA	NA	NA	
101927129	ENSG00000258785	0	NA	NA	NA	NA	LINC01580
NA	ENSG00000258787	0	NA	NA	NA	NA	SEPHS1P2
NA	ENSG00000258788	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CKS1BP1
NA	ENSG00000258789	8.10490151	-0.00983277	0.35014142	0.94410437	0.97725417	

NA	ENSG00000258790	269.078634	-0.08045737	0.15534788	0.57023001	0.7706786	
645687	ENSG00000258791	0	NA	NA	NA	NA	LINC00520
105370616	ENSG00000258792	0	NA	NA	NA	NA	
NA	ENSG00000258793	0	NA	NA	NA	NA	
NA	ENSG00000258794	0.88178948	-0.00935353	0.38150782	0.85715288	NA	DUX4L27
NA	ENSG00000258795	0	NA	NA	NA	NA	
NA	ENSG00000258796	0	NA	NA	NA	NA	
NA	ENSG00000258797	0	NA	NA	NA	NA	
NA	ENSG00000258798	0.35712931	0.02382029	0.38538156	0.61379078	NA	
NA	ENSG00000258799	0	NA	NA	NA	NA	ZNF519P2
NA	ENSG00000258800	0	NA	NA	NA	NA	
NA	ENSG00000258802	0	NA	NA	NA	NA	
101927690	ENSG00000258803	0	NA	NA	NA	NA	
283585	ENSG00000258804	0	NA	NA	NA	NA	LINC01148
NA	ENSG00000258805	0	NA	NA	NA	NA	ADIPOR1P2
NA	ENSG00000258806	0.68224988	0.04060558	0.38717393	0.35753545	NA	OR11H7
NA	ENSG00000258807	0	NA	NA	NA	NA	
105370496	ENSG00000258808	0	NA	NA	NA	NA	LINC02310
NA	ENSG00000258810	0	NA	NA	NA	NA	
NA	ENSG00000258811	6.41438538	-0.01142294	0.36003997	0.92661193	0.96932621	
NA	ENSG00000258812	0	NA	NA	NA	NA	TRAV33
NA	ENSG00000258813	5.2408025	0.03385934	0.3637518	0.78633009	0.90287569	
NA	ENSG00000258814	0	NA	NA	NA	NA	LINC02329
NA	ENSG00000258815	16.6067506	-0.08754124	0.33277217	0.62200319	0.80695268	LINC02820
NA	ENSG00000258816	0	NA	NA	NA	NA	
283092	ENSG00000258817	0	NA	NA	NA	NA	OR4C13
6038	ENSG00000258818	10.5392665	0.4579795	0.70430718	0.03482616	0.11291894	RNASE4
102724190	ENSG00000258819	0.49772307	-0.01060787	0.38285843	0.82287947	NA	LINC02289
NA	ENSG00000258820	0	NA	NA	NA	NA	
NA	ENSG00000258822	0	NA	NA	NA	NA	OR4K16P
NA	ENSG00000258823	0	NA	NA	NA	NA	
NA	ENSG00000258824	9.16762208	-0.0390993	0.3508193	0.79009312	0.9043359	
NA	ENSG00000258826	0	NA	NA	NA	NA	LINC01147
NA	ENSG00000258827	0	NA	NA	NA	NA	
NA	ENSG00000258828	0	NA	NA	NA	NA	KRT8P2
NA	ENSG00000258829	0	NA	NA	NA	NA	
NA	ENSG00000258830	14.6082609	0.00666711	0.37931878	0.92587662	0.9691565	
NA	ENSG00000258831	0	NA	NA	NA	NA	

NA	ENSG00000258834	0.74659737	-0.03303578	0.38644226	0.4112877	NA	DUX4L4
NA	ENSG00000258835	0	NA	NA	NA	NA	TRAV28
NA	ENSG00000258836	0	NA	NA	NA	NA	
NA	ENSG00000258837	0	NA	NA	NA	NA	
4157	ENSG00000258839	115.47315	-0.16366179	0.20044697	0.33852399	0.56881111	MC1R
NA	ENSG00000258841	0	NA	NA	NA	NA	EEF1A1P2
NA	ENSG00000258842	0	NA	NA	NA	NA	
NA	ENSG00000258843	0	NA	NA	NA	NA	
NA	ENSG00000258844	0	NA	NA	NA	NA	
NA	ENSG00000258845	0	NA	NA	NA	NA	
NA	ENSG00000258846	0.15069912	-0.01848503	0.38480575	0.84537521	NA	EEF1A1P33
NA	ENSG00000258847	0.32266016	-0.02325558	0.3853189	0.66950916	NA	
NA	ENSG00000258848	0	NA	NA	NA	NA	GRAMD4P6
NA	ENSG00000258849	0	NA	NA	NA	NA	OR7E159P
NA	ENSG00000258850	0	NA	NA	NA	NA	
NA	ENSG00000258851	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000258853	0	NA	NA	NA	NA	
NA	ENSG00000258854	0	NA	NA	NA	NA	
NA	ENSG00000258855	0	NA	NA	NA	NA	OR11J2P
NA	ENSG00000258856	0	NA	NA	NA	NA	
NA	ENSG00000258857	0.77230379	-0.05436653	0.38912783	0.28496849	NA	
NA	ENSG00000258858	0.32383431	-0.02327308	0.38532135	0.66860265	NA	
NA	ENSG00000258859	0	NA	NA	NA	NA	LINC02296
NA	ENSG00000258860	0	NA	NA	NA	NA	
378881	ENSG00000258861	0	NA	NA	NA	NA	MIR381HG
NA	ENSG00000258863	0	NA	NA	NA	NA	SETP1
NA	ENSG00000258864	1.36874898	-0.02948648	0.38303433	0.57782938	NA	
NA	ENSG00000258866	0	NA	NA	NA	NA	
283587	ENSG00000258867	0	NA	NA	NA	NA	LINC01146
NA	ENSG00000258868	0	NA	NA	NA	NA	
100132612	ENSG00000258869	0	NA	NA	NA	NA	LINC02312
NA	ENSG00000258870	0.16735865	0.01897177	0.38482933	0.78225479	NA	EIF4EBP1P1
NA	ENSG00000258871	0	NA	NA	NA	NA	
NA	ENSG00000258872	0.173733	0.01914545	0.38484597	0.78225479	NA	FDPSP3
503835	ENSG00000258873	0	NA	NA	NA	NA	DUXA
NA	ENSG00000258874	0	NA	NA	NA	NA	
NA	ENSG00000258875	27.2391971	-0.78684915	0.56613663	0.01487637	0.05727678	
NA	ENSG00000258876	0.82351411	0.03571403	0.38452688	0.47329114	NA	TGFB3-AS1

NA	ENSG00000258877	0	NA	NA	NA	NA	ATP5F1AP4
NA	ENSG00000258878	0	NA	NA	NA	NA	
NA	ENSG00000258881	7.81850486	-0.05108662	0.35754886	0.71484105	0.86267923	
NA	ENSG00000258883	0	NA	NA	NA	NA	NBEAP4
NA	ENSG00000258884	2.86990593	-0.21392853	0.46883248	0.02125123	0.07649208	LINC02321
NA	ENSG00000258885	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000258886	0	NA	NA	NA	NA	HIGD1AP17
NA	ENSG00000258887	0	NA	NA	NA	NA	
NA	ENSG00000258888	0	NA	NA	NA	NA	
90799	ENSG00000258890	1268.42975	0.13044969	0.08299179	0.10725156	0.2623762	CEP95
NA	ENSG00000258891	1.04250742	0.00627259	0.3800873	0.91726778	NA	
NA	ENSG00000258892	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000258893	0	NA	NA	NA	NA	SETP2
NA	ENSG00000258894	0	NA	NA	NA	NA	ARHGAP16P
NA	ENSG00000258895	0	NA	NA	NA	NA	
NA	ENSG00000258896	1.32466473	0.05995039	0.38840957	0.25608572	NA	SCOCP1
NA	ENSG00000258897	0	NA	NA	NA	NA	EGLN3-AS1
NA	ENSG00000258899	0	NA	NA	NA	NA	OR4U1P
NA	ENSG00000258900	4.58902613	0.03716364	0.37411171	0.70489931	0.85803894	HNRNPCP1
NA	ENSG00000258901	0.68455617	0.00545616	0.38247749	0.8986916	NA	
NA	ENSG00000258902	0	NA	NA	NA	NA	
NA	ENSG00000258903	2.50089017	-0.10834786	0.39639996	0.23191998	NA	
NA	ENSG00000258904	2.59887045	-0.13680393	0.41181083	0.11794242	0.28178922	
NA	ENSG00000258905	0	NA	NA	NA	NA	TRAV32
NA	ENSG00000258906	0	NA	NA	NA	NA	
NA	ENSG00000258907	0	NA	NA	NA	NA	PSMB3P1
NA	ENSG00000258908	0	NA	NA	NA	NA	
NA	ENSG00000258909	0	NA	NA	NA	NA	
NA	ENSG00000258910	0	NA	NA	NA	NA	LINC01956
NA	ENSG00000258912	0	NA	NA	NA	NA	LINC02316
145195	ENSG00000258913	65.2377528	-0.11916947	0.27170581	0.54020202	0.748907	LINC02691
NA	ENSG00000258915	0	NA	NA	NA	NA	BHLHB9P1
NA	ENSG00000258916	0	NA	NA	NA	NA	SPATA31E2P
NA	ENSG00000258917	1.12423015	0.01637637	0.38005603	0.79733401	NA	ZMYND19P1
NA	ENSG00000258918	0	NA	NA	NA	NA	
NA	ENSG00000258919	0	NA	NA	NA	NA	
400236	ENSG00000258920	30.2018055	-0.50670496	0.45843258	0.05211753	0.15377926	FOXN3-AS1
NA	ENSG00000258921	0	NA	NA	NA	NA	

	NA	ENSG00000258922	0	NA	NA	NA	NA	
	NA	ENSG00000258923	0	NA	NA	NA	NA	MTND5P35
	NA	ENSG00000258924	45.4822522	0.04668042	0.30302489	0.80613387	0.9121533	
	NA	ENSG00000258925	0	NA	NA	NA	NA	NPM1P5
	NA	ENSG00000258926	4.71796431	0.08348104	0.37408703	0.50588248	0.72177288	
	NA	ENSG00000258927	0	NA	NA	NA	NA	
102723604	NA	ENSG00000258928	0	NA	NA	NA	NA	
	NA	ENSG00000258930	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000258931	0	NA	NA	NA	NA	
728755	NA	ENSG00000258932	0.31754355	0.0017879	0.38337289	0.96071939	NA	
	NA	ENSG00000258933	0.6147749	-0.01590162	0.38338788	0.71884406	NA	LINC02279
	NA	ENSG00000258934	0	NA	NA	NA	NA	YWHAQP1
	NA	ENSG00000258935	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000258938	24.6089275	0.34131274	0.42666487	0.12730345	0.29752625	
100288846	NA	ENSG00000258940	3.52182174	0.03654097	0.36847907	0.7487929	0.88205755	
	NA	ENSG00000258942	0.30001613	-0.02294459	0.38527538	0.68644859	NA	
	NA	ENSG00000258943	0	NA	NA	NA	NA	
	NA	ENSG00000258944	5.24126699	0.08472451	0.37168353	0.51629861	0.73041674	
	NA	ENSG00000258945	0	NA	NA	NA	NA	
10381	NA	ENSG00000258947	10971.2906	-0.43461469	0.056673	8.48E-15	2.27E-13	TUBB3
	NA	ENSG00000258948	0	NA	NA	NA	NA	KRT8P1
	NA	ENSG00000258949	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000258951	9.46562	0.54739592	0.80198447	0.03201528	0.10559986	KRT18P7
	NA	ENSG00000258952	0	NA	NA	NA	NA	SALRNA1
	NA	ENSG00000258954	0	NA	NA	NA	NA	
	NA	ENSG00000258955	0	NA	NA	NA	NA	LINC00519
	NA	ENSG00000258956	0	NA	NA	NA	NA	COX4I1P1
	NA	ENSG00000258957	7.06127315	-0.06523247	0.35946812	0.64339089	0.82181194	
	NA	ENSG00000258958	0	NA	NA	NA	NA	
	NA	ENSG00000258959	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
	NA	ENSG00000258960	0	NA	NA	NA	NA	FTH1P13
	NA	ENSG00000258962	0	NA	NA	NA	NA	
	NA	ENSG00000258963	0	NA	NA	NA	NA	EDDM3DP
	NA	ENSG00000258964	4.15291596	-0.01559317	0.38391961	0.65403758	0.82779603	
	NA	ENSG00000258965	0	NA	NA	NA	NA	
	NA	ENSG00000258966	0	NA	NA	NA	NA	GTF3AP2
	NA	ENSG00000258967	0.30139824	-0.02296476	0.38527817	0.68536535	NA	HMGN1P3
	NA	ENSG00000258968	0	NA	NA	NA	NA	

NA	ENSG00000258969	0	NA	NA	NA	NA	LINC02307
NA	ENSG00000258970	0	NA	NA	NA	NA	
NA	ENSG00000258971	0	NA	NA	NA	NA	
NA	ENSG00000258972	0	NA	NA	NA	NA	NDUFB8P1
NA	ENSG00000258973	0	NA	NA	NA	NA	
NA	ENSG00000258975	0	NA	NA	NA	NA	
NA	ENSG00000258976	0	NA	NA	NA	NA	
101928559	ENSG00000258977	0	NA	NA	NA	NA	LINC01467
NA	ENSG00000258978	0	NA	NA	NA	NA	HIF1AP1
105370646	ENSG00000258979	0	NA	NA	NA	NA	LINC02299
NA	ENSG00000258980	0	NA	NA	NA	NA	EIF1AXP2
NA	ENSG00000258981	0	NA	NA	NA	NA	COX5AP2
NA	ENSG00000258982	4.54553719	-0.0950378	0.38250283	0.40249313	0.63061911	
NA	ENSG00000258983	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000258984	6.49842676	0.12365733	0.3939047	0.2757257	0.49980793	UBE2F-SCLY
NA	ENSG00000258985	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
388021	ENSG00000258986	767.718848	-1.30624765	0.14243524	3.95E-21	1.55E-19	TMEM179
NA	ENSG00000258987	0	NA	NA	NA	NA	
NA	ENSG00000258988	0	NA	NA	NA	NA	SF3B4P1
NA	ENSG00000258989	1.47486424	-0.02521121	0.38081885	0.69032531	NA	
NA	ENSG00000258990	0	NA	NA	NA	NA	MPPE1P1
NA	ENSG00000258991	0	NA	NA	NA	NA	DUX4L19
7258	ENSG00000258992	0	NA	NA	NA	NA	TSPY1
NA	ENSG00000258993	0	NA	NA	NA	NA	
NA	ENSG00000258994	0	NA	NA	NA	NA	LINC02309
NA	ENSG00000258995	0	NA	NA	NA	NA	PARP1P2
NA	ENSG00000258996	0	NA	NA	NA	NA	PPIAP5
NA	ENSG00000258997	0	NA	NA	NA	NA	NF1P2
NA	ENSG00000258998	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC02302
NA	ENSG00000259000	0.16735865	0.01897177	0.38482933	0.78225479	NA	DOCK11P1
NA	ENSG00000259001	0	NA	NA	NA	NA	
NA	ENSG00000259002	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000259003	0	NA	NA	NA	NA	
101929422	ENSG00000259004	0	NA	NA	NA	NA	LINC02285
NA	ENSG00000259005	0.3234017	0.00167163	0.38337138	0.96507814	NA	
NA	ENSG00000259006	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000259007	0	NA	NA	NA	NA	
NA	ENSG00000259008	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000259009	0	NA	NA	NA	NA	TPRX2P
NA	ENSG00000259010	0	NA	NA	NA	NA	NUP50P1
NA	ENSG00000259011	0	NA	NA	NA	NA	
NA	ENSG00000259012	0	NA	NA	NA	NA	MTCYBP27
NA	ENSG00000259013	0	NA	NA	NA	NA	
NA	ENSG00000259015	0	NA	NA	NA	NA	
NA	ENSG00000259016	0	NA	NA	NA	NA	
NA	ENSG00000259017	74.0045994	1.47832135	0.29057349	2.87E-08	4.07E-07	
NA	ENSG00000259018	0	NA	NA	NA	NA	
NA	ENSG00000259019	0	NA	NA	NA	NA	EIF4BP1
NA	ENSG00000259020	0	NA	NA	NA	NA	
NA	ENSG00000259021	0	NA	NA	NA	NA	TPRX1P1
NA	ENSG00000259022	4.12319174	0.16308813	0.41298919	0.18329822	0.38147873	DNAJC8P1
338002	ENSG00000259023	0	NA	NA	NA	NA	LINC00524
100533496	ENSG00000259024	209.840315	0.39615245	0.18763911	0.01660618	0.06268392	TVP23C-CDRT4
NA	ENSG00000259025	0	NA	NA	NA	NA	
NA	ENSG00000259026	1.0000508	0.02039736	0.38265745	0.6766433	NA	
NA	ENSG00000259028	0	NA	NA	NA	NA	
NA	ENSG00000259029	0	NA	NA	NA	NA	DUX4L18
100526835	ENSG00000259030	58.2312941	-0.22483591	0.36330779	0.25608161	0.47719162	FPGT-TNNI3K
NA	ENSG00000259031	33.8398107	0.76494214	0.48929852	0.01307323	0.05164121	
NA	ENSG00000259032	0	NA	NA	NA	NA	ENSAP2
NA	ENSG00000259033	9.64417358	-0.15474714	0.3802026	0.33760965	0.56788262	
NA	ENSG00000259035	0	NA	NA	NA	NA	
NA	ENSG00000259036	0	NA	NA	NA	NA	
NA	ENSG00000259037	0	NA	NA	NA	NA	
NA	ENSG00000259038	0	NA	NA	NA	NA	
NA	ENSG00000259039	2.36084483	0.01483529	0.37374756	0.87309942	NA	
NA	ENSG00000259040	32.6343088	0.06171816	0.39016902	0.198242	0.40248048	BLOC1S5-TXNDC5
NA	ENSG00000259041	0	NA	NA	NA	NA	
NA	ENSG00000259042	0	NA	NA	NA	NA	
NA	ENSG00000259043	0	NA	NA	NA	NA	BRD7P1
NA	ENSG00000259044	0	NA	NA	NA	NA	
NA	ENSG00000259045	0.32238133	-0.02325333	0.38531856	0.66967044	NA	MTCO1P2
NA	ENSG00000259046	0	NA	NA	NA	NA	RRAGAP1
NA	ENSG00000259047	0	NA	NA	NA	NA	
NA	ENSG00000259048	0	NA	NA	NA	NA	
NA	ENSG00000259049	2.4674534	-0.04285169	0.37607514	0.64345845	NA	

	NA	ENSG00000259050	0	NA	NA	NA	NA	CHORDC2P
	NA	ENSG00000259051	0	NA	NA	NA	NA	HNRNPUP1
	NA	ENSG00000259052	1.50628457	0.03678927	0.38393374	0.49188604	NA	
	NA	ENSG00000259053	0	NA	NA	NA	NA	
105370400	NA	ENSG00000259054	0	NA	NA	NA	NA	LINC02332
	NA	ENSG00000259055	0	NA	NA	NA	NA	
	NA	ENSG00000259056	0	NA	NA	NA	NA	DUXAP1
	NA	ENSG00000259057	0	NA	NA	NA	NA	THRAP3P2
	NA	ENSG00000259058	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000259059	0	NA	NA	NA	NA	PEBP1P1
	NA	ENSG00000259060	0	NA	NA	NA	NA	
	NA	ENSG00000259061	0	NA	NA	NA	NA	
161159	NA	ENSG00000259062	0	NA	NA	NA	NA	ACTN1-AS1
	NA	ENSG00000259064	0	NA	NA	NA	NA	
	NA	ENSG00000259065	20.3837604	0.25790973	0.38452896	0.20990849	0.41838301	
	NA	ENSG00000259066	4.55432553	-0.01868442	0.37008787	0.8552886	0.93533932	
	NA	ENSG00000259067	0	NA	NA	NA	NA	
	NA	ENSG00000259068	0	NA	NA	NA	NA	TRAV37
	NA	ENSG00000259069	0	NA	NA	NA	NA	
283547	NA	ENSG00000259070	21.8916419	-0.90934	1.05444882	0.01303448	0.05152502	LINC00639
	NA	ENSG00000259071	0.61632235	-0.01943123	0.38306715	0.68998605	NA	
	NA	ENSG00000259072	0	NA	NA	NA	NA	
29018	NA	ENSG00000259073	0	NA	NA	NA	NA	FOXN3-AS2
	NA	ENSG00000259074	0	NA	NA	NA	NA	PSMB7P1
100528030	NA	ENSG00000259075	63.1144644	0.16228378	0.26433	0.41206266	0.63994702	POC1B-GALNT4
	NA	ENSG00000259076	0	NA	NA	NA	NA	
	NA	ENSG00000259077	0	NA	NA	NA	NA	
	NA	ENSG00000259078	0	NA	NA	NA	NA	PTBP1P
	NA	ENSG00000259079	0	NA	NA	NA	NA	
	NA	ENSG00000259080	27.1836865	0.02998232	0.29781414	0.87588691	0.94529871	
	NA	ENSG00000259081	13.586616	0.50725637	0.62867406	0.04805334	0.14438563	
100507277	NA	ENSG00000259082	0	NA	NA	NA	NA	LINC02314
	NA	ENSG00000259083	0	NA	NA	NA	NA	
	NA	ENSG00000259084	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000259086	0.18922458	0.01954053	0.38488496	0.78225479	NA	KIAA1143P1
	NA	ENSG00000259087	0	NA	NA	NA	NA	
	NA	ENSG00000259088	5.68396243	-0.03743071	0.3593336	0.77743489	0.89796287	
	NA	ENSG00000259089	0	NA	NA	NA	NA	GRAMD4P5

NA	ENSG00000259090	0.18922458	0.01954053	0.38488496	0.78225479	NA	SEPTIN7P1
400208	ENSG00000259091	0	NA	NA	NA	NA	LINC00517
NA	ENSG00000259092	0	NA	NA	NA	NA	TRAV30
NA	ENSG00000259093	0	NA	NA	NA	NA	
NA	ENSG00000259094	0	NA	NA	NA	NA	
NA	ENSG00000259095	0	NA	NA	NA	NA	GTF2IP22
NA	ENSG00000259096	0.32455599	-0.02327887	0.38532223	0.66818744	NA	SHLD2P2
NA	ENSG00000259097	0	NA	NA	NA	NA	
NA	ENSG00000259098	21.4522842	0.27724344	0.38217219	0.19268657	0.39513195	
NA	ENSG00000259099	0	NA	NA	NA	NA	
NA	ENSG00000259100	0.31689813	0.00129319	0.38336793	0.96546269	NA	COILP1
NA	ENSG00000259102	0	NA	NA	NA	NA	SMARCE1P3
NA	ENSG00000259103	0	NA	NA	NA	NA	
NA	ENSG00000259104	0	NA	NA	NA	NA	PTCSC3
NA	ENSG00000259105	2.4385904	-0.02310844	0.37262078	0.81030816	NA	RPS3AP4
NA	ENSG00000259106	0	NA	NA	NA	NA	
NA	ENSG00000259107	0	NA	NA	NA	NA	LINC00911
NA	ENSG00000259108	0	NA	NA	NA	NA	LINC01595
NA	ENSG00000259109	0	NA	NA	NA	NA	
105370648	ENSG00000259110	0	NA	NA	NA	NA	LINC02304
NA	ENSG00000259111	0	NA	NA	NA	NA	
100532726	ENSG00000259112	24.3697927	0.10751991	0.35091477	0.52724437	0.73906416	NDUFC2-KCTD14
NA	ENSG00000259113	0.82627662	0.01836178	0.38137748	0.74448218	NA	
NA	ENSG00000259115	0.173733	0.01914545	0.38484597	0.78225479	NA	
102723809	ENSG00000259116	8.18502174	-0.03038088	0.35213674	0.83161519	0.92378968	
NA	ENSG00000259117	0	NA	NA	NA	NA	
NA	ENSG00000259118	2.32899014	-0.03211347	0.37707794	0.69669271	NA	
NA	ENSG00000259119	0	NA	NA	NA	NA	
100130933	ENSG00000259120	2.3015441	0.0082626	0.37281921	0.93082609	NA	SMIM6
NA	ENSG00000259121	0	NA	NA	NA	NA	
NA	ENSG00000259122	0	NA	NA	NA	NA	TVP23BP1
NA	ENSG00000259123	0	NA	NA	NA	NA	
NA	ENSG00000259124	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
105751187	ENSG00000259125	0	NA	NA	NA	NA	LRP1-AS
NA	ENSG00000259126	0	NA	NA	NA	NA	
100506433	ENSG00000259129	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC00648
NA	ENSG00000259130	0	NA	NA	NA	NA	
NA	ENSG00000259132	51.7321885	0.2224406	0.30812059	0.28535809	0.5108739	

NA	ENSG00000259133	0	NA	NA	NA	NA	
145820	ENSG00000259134	0	NA	NA	NA	NA	LINC00924
NA	ENSG00000259135	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000259136	0	NA	NA	NA	NA	
NA	ENSG00000259137	0	NA	NA	NA	NA	
NA	ENSG00000259138	2.99991442	-0.08970654	0.38627967	0.36570963	0.59492284	
NA	ENSG00000259140	0.173733	0.01914545	0.38484597	0.78225479	NA	
101954204	ENSG00000259142	0	NA	NA	NA	NA	LINC00644
NA	ENSG00000259143	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000259144	0	NA	NA	NA	NA	RANBP20P
NA	ENSG00000259146	3.50510278	0.0168987	0.36789702	0.87935947	0.94652699	
NA	ENSG00000259148	0	NA	NA	NA	NA	YWHAZP1
NA	ENSG00000259149	0	NA	NA	NA	NA	
503519	ENSG00000259150	0	NA	NA	NA	NA	LINC00929
NA	ENSG00000259151	1.75394251	-0.02844818	0.37789152	0.71908435	NA	CAP2P1
NA	ENSG00000259152	0	NA	NA	NA	NA	
100506411	ENSG00000259153	45.3320656	-0.07773942	0.26948774	0.68609197	0.8472712	
NA	ENSG00000259154	0	NA	NA	NA	NA	DUX4L17
NA	ENSG00000259155	3.47715969	0.03301879	0.37041285	0.75945055	0.88850157	STK16P1
646096	ENSG00000259156	0	NA	NA	NA	NA	CHEK2P2
NA	ENSG00000259157	0	NA	NA	NA	NA	
317760	ENSG00000259158	5.52831426	0.00934239	0.3603764	0.94277804	0.97644165	ADAM20P1
NA	ENSG00000259160	0	NA	NA	NA	NA	
NA	ENSG00000259161	0.32525837	0.00191504	0.38337418	0.96197662	NA	NPM1P20
NA	ENSG00000259162	0	NA	NA	NA	NA	
101928909	ENSG00000259163	0	NA	NA	NA	NA	
NA	ENSG00000259164	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000259165	2.04196425	0.0401484	0.37867419	0.62784219	NA	DDX18P1
NA	ENSG00000259166	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000259167	0	NA	NA	NA	NA	NMNAT1P1
NA	ENSG00000259168	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000259169	0	NA	NA	NA	NA	GNRHR2P1
104613533	ENSG00000259170	0.97445651	-0.01955811	0.38090282	0.74397429	NA	
NA	ENSG00000259171	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000259172	16.5255811	-0.03976215	0.32661607	0.81850065	0.9171248	
NA	ENSG00000259173	0	NA	NA	NA	NA	
101929586	ENSG00000259175	0.85427561	0.01877758	0.38064621	0.75695953	NA	
NA	ENSG00000259177	0	NA	NA	NA	NA	

NA	ENSG00000259178	0	NA	NA	NA	NA	
NA	ENSG00000259179	0	NA	NA	NA	NA	UBE2CP4
NA	ENSG00000259180	0	NA	NA	NA	NA	
NA	ENSG00000259181	0	NA	NA	NA	NA	
NA	ENSG00000259182	0.57153858	0.00687201	0.38256035	0.9701829	NA	
NA	ENSG00000259183	0	NA	NA	NA	NA	MED28P6
NA	ENSG00000259185	0	NA	NA	NA	NA	
NA	ENSG00000259186	0.18922458	0.01954053	0.38488496	0.78225479	NA	MRPS15P1
NA	ENSG00000259187	0	NA	NA	NA	NA	
NA	ENSG00000259188	0	NA	NA	NA	NA	
NA	ENSG00000259191	3.77934423	-0.04618344	0.36778726	0.69547404	0.85296328	
NA	ENSG00000259192	0.31809633	0.00103866	0.38336596	0.96712482	NA	
NA	ENSG00000259194	0	NA	NA	NA	NA	
NA	ENSG00000259195	0	NA	NA	NA	NA	
NA	ENSG00000259196	0	NA	NA	NA	NA	HMBX1-IT1
NA	ENSG00000259198	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000259199	0	NA	NA	NA	NA	
105370802	ENSG00000259200	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000259201	0	NA	NA	NA	NA	
NA	ENSG00000259202	0	NA	NA	NA	NA	
NA	ENSG00000259203	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000259204	0	NA	NA	NA	NA	
NA	ENSG00000259205	16.3579673	-0.1784832	0.3706838	0.32605989	0.55423476	PRKXP1
3690	ENSG00000259207	36.4044463	0.00350484	0.27669895	0.98714538	0.99567688	ITGB3
NA	ENSG00000259208	0	NA	NA	NA	NA	
NA	ENSG00000259209	13.6630511	0.07413232	0.33728619	0.66728747	0.83616392	
NA	ENSG00000259211	1.00518373	-0.02005754	0.38177455	0.71425771	NA	
NA	ENSG00000259212	5.81635872	0.01425626	0.35869042	0.91496973	0.96403708	
NA	ENSG00000259213	0	NA	NA	NA	NA	
NA	ENSG00000259214	0	NA	NA	NA	NA	
NA	ENSG00000259215	0	NA	NA	NA	NA	
NA	ENSG00000259216	1.72361552	0.01025508	0.37541986	0.90328502	NA	
NA	ENSG00000259217	0	NA	NA	NA	NA	
283761	ENSG00000259218	20.8945122	-0.20611072	0.35055702	0.30240308	0.52987991	LINC00928
105371022	ENSG00000259219	5.86822392	-0.09659145	0.37048988	0.48677231	0.70661128	
NA	ENSG00000259221	0	NA	NA	NA	NA	
NA	ENSG00000259222	0.30001545	-0.02294458	0.38527538	0.68644901	NA	
NA	ENSG00000259223	0	NA	NA	NA	NA	

643664	ENSG00000259224	4.66707599	-0.11620294	0.38555617	0.35574943	0.58599659	SLC35G6	
101928227	ENSG00000259225	0	NA	NA	NA	NA	LINC02345	
	NA	ENSG00000259227	0	NA	NA	NA		
	NA	ENSG00000259228	0.173733	0.01914545	0.38484597	0.78225479	HNRNPA1P62	
	NA	ENSG00000259229	0	NA	NA	NA		
105370681	ENSG00000259230	0	NA	NA	NA	NA	LINC02323	
	NA	ENSG00000259231	0	NA	NA	NA		
	NA	ENSG00000259232	0.51390845	0.01575539	0.38315196	0.73349077	NA	
	NA	ENSG00000259234	3.3818439	-0.25205879	0.50582711	0.0141644	0.05506989	ANKRD34C-AS1
	NA	ENSG00000259235	3.07654453	0.00042793	0.37595623	0.99731345	0.99926338	
	NA	ENSG00000259236	0.15069912	-0.01848503	0.38480575	0.84537521	NA	GOLGA8VP
105370822	ENSG00000259237	0	NA	NA	NA	NA	LINC02490	
	NA	ENSG00000259238	1.0138906	-0.0179796	0.38158402	0.74280303	NA	
	NA	ENSG00000259239	0	NA	NA	NA	NA	
109729174	ENSG00000259240	0	NA	NA	NA	NA	MIR4713HG	
	NA	ENSG00000259241	0.71379544	0.00484762	0.38184183	0.91877018	NA	
	NA	ENSG00000259242	0.32455584	0.00143403	0.38336892	0.96657684	NA	
	NA	ENSG00000259244	31.7482708	0.22916755	0.31995704	0.27322902	0.49676945	
	NA	ENSG00000259245	0	NA	NA	NA	NA	LINC02853
	NA	ENSG00000259246	0	NA	NA	NA	NA	HMG2P47
	NA	ENSG00000259247	0	NA	NA	NA	NA	TTY25P
	NA	ENSG00000259248	22.2805443	0.04379765	0.30662091	0.81667506	0.9166503	USP3-AS1
	NA	ENSG00000259250	9.0295743	-0.15387948	0.38671043	0.31445637	0.54217557	
	NA	ENSG00000259251	2.64021139	0.01089179	0.37079347	0.91544516	0.96408684	
	NA	ENSG00000259252	0	NA	NA	NA	NA	
	NA	ENSG00000259254	0.49403218	-0.02942462	0.3858953	0.52686735	NA	
	NA	ENSG00000259255	0	NA	NA	NA	NA	
	NA	ENSG00000259256	0	NA	NA	NA	NA	LINC01895
	NA	ENSG00000259257	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000259258	0.30001813	-0.02294461	0.38527539	0.68644734	NA	
	NA	ENSG00000259259	0	NA	NA	NA	NA	NPM1P42
	NA	ENSG00000259261	0	NA	NA	NA	NA	IGHV4OR15-8
	NA	ENSG00000259262	0	NA	NA	NA	NA	NDUFA3P4
	NA	ENSG00000259265	0	NA	NA	NA	NA	
	NA	ENSG00000259266	0	NA	NA	NA	NA	
105378349	ENSG00000259267	0.5151146	0.0311121	0.38605248	0.47795503	NA	LINC02622	
	NA	ENSG00000259268	0	NA	NA	NA	NA	
	NA	ENSG00000259269	0	NA	NA	NA	NA	

NA	ENSG00000259270	0	NA	NA	NA	NA	
NA	ENSG00000259271	0	NA	NA	NA	NA	ANKRD62P1
NA	ENSG00000259273	0	NA	NA	NA	NA	
NA	ENSG00000259274	0.7720548	-0.04339659	0.38758345	0.33963463	NA	
NA	ENSG00000259275	0	NA	NA	NA	NA	
NA	ENSG00000259276	0	NA	NA	NA	NA	
NA	ENSG00000259277	0	NA	NA	NA	NA	
NA	ENSG00000259278	0	NA	NA	NA	NA	
NA	ENSG00000259280	0	NA	NA	NA	NA	
101929478	ENSG00000259281	0	NA	NA	NA	NA	LINGO1-AS2
100652749	ENSG00000259282	0	NA	NA	NA	NA	SPATA8-AS1
NA	ENSG00000259283	0.18922458	0.01954053	0.38488496	0.78225479	NA	
100506530	ENSG00000259284	0	NA	NA	NA	NA	LINC02349
NA	ENSG00000259285	0	NA	NA	NA	NA	
NA	ENSG00000259286	1.34485067	-0.01731117	0.37942687	0.7955003	NA	
NA	ENSG00000259287	8.20311928	-0.11507462	0.36939898	0.44579662	0.67028199	
NA	ENSG00000259288	0	NA	NA	NA	NA	BUB1B-PAK6
102723481	ENSG00000259289	0	NA	NA	NA	NA	LINC02206
NA	ENSG00000259290	0	NA	NA	NA	NA	
109729181	ENSG00000259291	165.627205	0.36427303	0.17960451	0.02249414	0.08003652	ZNF710-AS1
101928694	ENSG00000259293	0	NA	NA	NA	NA	LIPC-AS1
NA	ENSG00000259294	0.16735865	0.01897177	0.38482933	0.78225479	NA	
440300	ENSG00000259295	385.618374	0.41853471	0.13374968	0.00084435	0.00510105	CSPG4P12
NA	ENSG00000259296	0	NA	NA	NA	NA	
NA	ENSG00000259299	0	NA	NA	NA	NA	
NA	ENSG00000259300	0	NA	NA	NA	NA	TUBBP8
NA	ENSG00000259301	0	NA	NA	NA	NA	
NA	ENSG00000259302	0	NA	NA	NA	NA	
NA	ENSG00000259303	0	NA	NA	NA	NA	IGHV2OR16-5
NA	ENSG00000259304	0	NA	NA	NA	NA	
100533106	ENSG00000259305	42.3356896	0.33602356	0.36462206	0.13657886	0.31167755	ZHX1-C8orf76
NA	ENSG00000259306	0	NA	NA	NA	NA	
NA	ENSG00000259307	0	NA	NA	NA	NA	PLCB2-AS1
NA	ENSG00000259308	0.91749169	0.05251892	0.38909298	0.2439869	NA	FABP5P8
NA	ENSG00000259309	0	NA	NA	NA	NA	
NA	ENSG00000259312	0	NA	NA	NA	NA	
NA	ENSG00000259314	1.20184277	0.02633988	0.37893328	0.71974378	NA	
283693	ENSG00000259315	10.4191354	0.73723766	0.92815941	0.02196617	0.07855243	ACTG1P17

NA	ENSG00000259316	210.305884	-0.08051284	0.1965017	0.63158872	0.81371846	
NA	ENSG00000259317	0	NA	NA	NA	NA	
NA	ENSG00000259318	2.30317827	-0.05313851	0.38028024	0.53075926	NA	HMGN1P1
NA	ENSG00000259319	7.58961699	-0.02962606	0.35609813	0.82466135	0.92036233	
NA	ENSG00000259320	0	NA	NA	NA	NA	
NA	ENSG00000259321	7.05284836	-0.0733491	0.36338483	0.5967389	0.78891849	
NA	ENSG00000259322	2.76174552	0.00626008	0.3721301	0.94957552	0.97920861	
NA	ENSG00000259324	0	NA	NA	NA	NA	OR11K1BP
NA	ENSG00000259326	4.74634764	0.00461822	0.36450205	0.97096258	0.98911805	
NA	ENSG00000259327	1.70429337	0.00886185	0.38044571	0.88187745	NA	
100505573	ENSG00000259330	373.306073	-0.39095718	0.12321218	0.00078569	0.00479928	INAFM2
NA	ENSG00000259331	0	NA	NA	NA	NA	
100528021	ENSG00000259332	118.700628	-0.11938758	0.19463663	0.47615162	0.69811174	ST20-MTHFS
NA	ENSG00000259333	0	NA	NA	NA	NA	
NA	ENSG00000259334	0	NA	NA	NA	NA	LINC00596
NA	ENSG00000259335	0	NA	NA	NA	NA	HNRNPMP1
NA	ENSG00000259336	2.5480123	0.02528533	0.3745576	0.78232216	NA	
NA	ENSG00000259337	0	NA	NA	NA	NA	IGHV1OR15-2
NA	ENSG00000259338	0	NA	NA	NA	NA	H3P39
NA	ENSG00000259339	0	NA	NA	NA	NA	TGIF1P1
NA	ENSG00000259340	0	NA	NA	NA	NA	
NA	ENSG00000259341	1.19052966	-0.05051225	0.38649428	0.34057352	NA	
NA	ENSG00000259342	0	NA	NA	NA	NA	
NA	ENSG00000259343	55.7838678	-0.09584127	0.24535429	0.61288509	0.80067344	TMC3-AS1
NA	ENSG00000259345	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000259346	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000259347	1.19192456	0.0198159	0.37920672	0.77480251	NA	
NA	ENSG00000259349	10.3574365	0.12659218	0.37313819	0.40910963	0.63710637	
NA	ENSG00000259350	0	NA	NA	NA	NA	
101928988	ENSG00000259351	0	NA	NA	NA	NA	
NA	ENSG00000259352	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000259353	0	NA	NA	NA	NA	
NA	ENSG00000259354	0.34048032	0.00237745	0.38338037	0.96498985	NA	
NA	ENSG00000259356	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000259357	17.892096	-0.00305895	0.32345495	0.98406174	0.99453916	
NA	ENSG00000259358	0	NA	NA	NA	NA	DEPDC1P1
NA	ENSG00000259359	0	NA	NA	NA	NA	
NA	ENSG00000259360	0	NA	NA	NA	NA	

	NA	ENSG00000259408	10.244325	0.0858168	0.35717651	0.5799835	0.77743886	
	NA	ENSG00000259409	0	NA	NA	NA	NA	BMF-AS1
	NA	ENSG00000259410	0	NA	NA	NA	NA	
	NA	ENSG00000259411	1.19134464	-0.00688498	0.379385	0.91454197	NA	HNRNPA1P45
	NA	ENSG00000259413	0	NA	NA	NA	NA	
	NA	ENSG00000259414	4.25557521	-0.06532613	0.37686091	0.53536962	0.74627695	
	NA	ENSG00000259415	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000259416	1.51950635	-0.00253545	0.37730237	0.97195521	NA	LINC02883
100996492	NA	ENSG00000259417	2.17823927	0.01464669	0.3755729	0.86305446	NA	CTXND1
	NA	ENSG00000259418	0	NA	NA	NA	NA	
	NA	ENSG00000259419	0.173733	0.01914545	0.38484597	0.78225479	NA	HNRNPCP3
	NA	ENSG00000259420	0.85667571	0.01934199	0.38069014	0.74980137	NA	
	NA	ENSG00000259421	0	NA	NA	NA	NA	
101929439	NA	ENSG00000259422	3.05842346	0.07732369	0.38361895	0.41760248	0.64376444	
	NA	ENSG00000259423	0	NA	NA	NA	NA	
	NA	ENSG00000259424	0.81939041	0.01567644	0.38190343	0.76122655	NA	IRAIN
	NA	ENSG00000259425	7.81712631	-0.19606908	0.40709635	0.2251898	0.43900616	
145694	NA	ENSG00000259426	19.4316433	0.14542598	0.35271878	0.4169001	0.64333033	
	NA	ENSG00000259427	0	NA	NA	NA	NA	DPPA5P2
	NA	ENSG00000259428	0	NA	NA	NA	NA	HMGB3P26
100134869	NA	ENSG00000259429	140.724202	0.33379456	0.19474624	0.04861493	0.14580805	UBE2Q2P2
	NA	ENSG00000259430	0.34746601	0.02370763	0.3853651	0.61987128	NA	CERS3-AS1
79178	NA	ENSG00000259431	299.868265	0.09509082	0.15126484	0.49452851	0.71345591	THTPA
	NA	ENSG00000259432	0	NA	NA	NA	NA	
	NA	ENSG00000259433	0.63787944	-0.02026046	0.38309187	0.67639666	NA	
	NA	ENSG00000259434	2.20611048	0.00893579	0.3766585	0.91127835	NA	
390539	NA	ENSG00000259435	0	NA	NA	NA	NA	OR4N3P
	NA	ENSG00000259436	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000259437	0	NA	NA	NA	NA	
112543478	NA	ENSG00000259438	2.28306237	0.08095965	0.38616344	0.37011204	NA	MAPK6-DT
107985879	NA	ENSG00000259439	340.11896	0.78043638	0.13526952	1.52E-09	2.55E-08	LINC01833
	NA	ENSG00000259440	0	NA	NA	NA	NA	NPM1P43
	NA	ENSG00000259441	0	NA	NA	NA	NA	MRPL15P1
	NA	ENSG00000259442	0	NA	NA	NA	NA	
	NA	ENSG00000259443	0	NA	NA	NA	NA	
	NA	ENSG00000259444	0	NA	NA	NA	NA	
101928134	NA	ENSG00000259446	0	NA	NA	NA	NA	RYR3-DT
	NA	ENSG00000259447	0	NA	NA	NA	NA	

NA	ENSG00000259448	26.7809943	0.44682463	0.45369529	0.07171776	0.19502198	LINC02352
NA	ENSG00000259449	0	NA	NA	NA	NA	NIFKP8
NA	ENSG00000259452	0	NA	NA	NA	NA	
NA	ENSG00000259453	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000259454	0	NA	NA	NA	NA	WBP1LP5
101927631	ENSG00000259456	15.4925859	-0.51360056	0.59162001	0.04990116	0.14876619	ADNP-AS1
NA	ENSG00000259457	0	NA	NA	NA	NA	
197003	ENSG00000259458	0	NA	NA	NA	NA	
NA	ENSG00000259459	0	NA	NA	NA	NA	LINC02568
NA	ENSG00000259460	15.6218362	-0.0672118	0.3889277	0.28746297	0.513189	
NA	ENSG00000259461	0	NA	NA	NA	NA	ANP32BP3
283692	ENSG00000259462	12.8903208	-1.1892371	0.83943444	0.00728704	0.03196437	CPEB1-AS1
NA	ENSG00000259463	0	NA	NA	NA	NA	
NA	ENSG00000259464	0	NA	NA	NA	NA	SNRPCP18
NA	ENSG00000259465	0.56767373	0.02627943	0.38574813	0.49686938	NA	AHCYP7
NA	ENSG00000259466	0.3175635	0.00180106	0.38337305	0.9605931	NA	NPM1P47
NA	ENSG00000259467	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NDUFAF4P1
NA	ENSG00000259468	0	NA	NA	NA	NA	
NA	ENSG00000259469	1.4780603	-0.0534014	0.38436074	0.43133422	NA	
NA	ENSG00000259470	0	NA	NA	NA	NA	KRT8P9
102723165	ENSG00000259471	0	NA	NA	NA	NA	LINC01169
105370880	ENSG00000259473	0	NA	NA	NA	NA	LINC02205
NA	ENSG00000259474	0	NA	NA	NA	NA	
NA	ENSG00000259475	1.20641207	0.04789463	0.38325004	0.48001765	NA	
NA	ENSG00000259476	0	NA	NA	NA	NA	
NA	ENSG00000259477	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000259478	0	NA	NA	NA	NA	
653381	ENSG00000259479	42.7104374	-0.32639136	0.31309601	0.13468236	0.30909174	SORD2P
NA	ENSG00000259481	0	NA	NA	NA	NA	
100996876	ENSG00000259482	0.70459944	0.00996352	0.3820632	0.83855036	NA	RORA-AS2
NA	ENSG00000259483	0	NA	NA	NA	NA	
NA	ENSG00000259485	0	NA	NA	NA	NA	LINC02253
NA	ENSG00000259488	98.2503118	-0.01194143	0.22989545	0.94665188	0.97814213	
NA	ENSG00000259489	0	NA	NA	NA	NA	KRT18P47
NA	ENSG00000259490	0	NA	NA	NA	NA	IGHV3OR15-7
NA	ENSG00000259493	0	NA	NA	NA	NA	TFDP1P3
26589	ENSG00000259494	279.762868	-0.12612165	0.14985421	0.35932977	0.58949503	MRPL46
NA	ENSG00000259495	344.792279	0.1866699	0.14475307	0.16315419	0.35215179	

NA	ENSG00000259496	0	NA	NA	NA	NA	GEMIN8P1
NA	ENSG00000259498	36.9396692	0.10554125	0.2946621	0.5892312	0.78379517	TPM1-AS
NA	ENSG00000259499	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000259500	0	NA	NA	NA	NA	KRT8P24
NA	ENSG00000259502	0.94881852	-0.01364621	0.38149884	0.79914458	NA	
NA	ENSG00000259503	0	NA	NA	NA	NA	
NA	ENSG00000259504	0	NA	NA	NA	NA	
NA	ENSG00000259505	0	NA	NA	NA	NA	
NA	ENSG00000259507	0	NA	NA	NA	NA	
NA	ENSG00000259508	0	NA	NA	NA	NA	
NA	ENSG00000259509	0	NA	NA	NA	NA	
NA	ENSG00000259511	46.4760093	0.20252282	0.27674298	0.31669477	0.54452953	UBE2Q2L
NA	ENSG00000259512	0	NA	NA	NA	NA	HNRNPA1P5
NA	ENSG00000259513	0.18922458	0.01954053	0.38488496	0.78225479	NA	CYCSP38
NA	ENSG00000259514	1.79035436	-0.03438693	0.37662507	0.69239484	NA	
NA	ENSG00000259515	14.1265474	0.16029869	0.35948558	0.38003526	0.60898955	
NA	ENSG00000259516	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ANP32AP1
NA	ENSG00000259517	0	NA	NA	NA	NA	LINC02169
101929690	ENSG00000259518	0	NA	NA	NA	NA	LINC01583
NA	ENSG00000259519	0	NA	NA	NA	NA	
NA	ENSG00000259520	10.7521876	0.18906047	0.39131088	0.26916453	0.49223194	
NA	ENSG00000259521	0	NA	NA	NA	NA	INO80-AS1
NA	ENSG00000259522	66.7210998	0.07556531	0.38802902	0.34171379	0.57180671	
NA	ENSG00000259523	5.70910948	-0.0276487	0.36067301	0.82836911	0.92220943	
NA	ENSG00000259525	0	NA	NA	NA	NA	GCSHP2
145978	ENSG00000259527	0	NA	NA	NA	NA	LINC00052
NA	ENSG00000259528	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000259529	255.497353	0.329885	0.17939855	0.03827148	0.12145011	
101928850	ENSG00000259530	0	NA	NA	NA	NA	
NA	ENSG00000259531	2.66553794	0.04728097	0.37561674	0.63032	0.81299888	
NA	ENSG00000259532	0	NA	NA	NA	NA	
NA	ENSG00000259533	0	NA	NA	NA	NA	
NA	ENSG00000259534	0	NA	NA	NA	NA	
NA	ENSG00000259535	0	NA	NA	NA	NA	RPL21P12
NA	ENSG00000259536	1.69377721	-0.01905809	0.37755939	0.80263393	NA	
NA	ENSG00000259538	0	NA	NA	NA	NA	UBE2Q2P11
NA	ENSG00000259539	14.88071	1.06737108	1.27162805	0.01126701	0.04576934	
102723335	ENSG00000259540	1.43681574	-0.03023802	0.37935688	0.68086997	NA	

649133	ENSG00000259541	0	NA	NA	NA	NA	
NA	ENSG00000259542	0	NA	NA	NA	NA	
NA	ENSG00000259543	0	NA	NA	NA	NA	
NA	ENSG00000259544	0	NA	NA	NA	NA	
NA	ENSG00000259545	0	NA	NA	NA	NA	
NA	ENSG00000259546	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000259547	0	NA	NA	NA	NA	CYCSP2
NA	ENSG00000259548	2.39980771	0.01820007	0.37632512	0.8266434	NA	
NA	ENSG00000259550	0	NA	NA	NA	NA	HNRNPA1P74
NA	ENSG00000259553	0.99401703	0.02303823	0.38232281	0.65904873	NA	
NA	ENSG00000259554	0	NA	NA	NA	NA	
NA	ENSG00000259555	21.1783673	0.05064375	0.31150052	0.78639018	0.90289242	
NA	ENSG00000259556	2.82838973	0.07696091	0.38215771	0.44013517	0.66517856	
NA	ENSG00000259557	0.173733	0.01914545	0.38484597	0.78225479	NA	HMGNI1P26
NA	ENSG00000259558	0	NA	NA	NA	NA	MESTP2
NA	ENSG00000259560	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000259561	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000259562	13.8881617	-0.03688716	0.32854918	0.8294629	0.92261925	
NA	ENSG00000259563	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000259564	0	NA	NA	NA	NA	
NA	ENSG00000259565	0	NA	NA	NA	NA	KRT8P23
NA	ENSG00000259569	0	NA	NA	NA	NA	
NA	ENSG00000259570	0.34035016	0.00295366	0.38339054	0.96025221	NA	
414899	ENSG00000259571	0	NA	NA	NA	NA	BLID
NA	ENSG00000259572	0	NA	NA	NA	NA	LINC01491
NA	ENSG00000259573	0	NA	NA	NA	NA	NMNAT1P5
NA	ENSG00000259575	0	NA	NA	NA	NA	
NA	ENSG00000259577	7.75460585	0.22602448	0.42935928	0.17020543	0.3620926	CERNA1
NA	ENSG00000259579	0.32484451	0.00164823	0.38337107	0.96452898	NA	
NA	ENSG00000259580	0	NA	NA	NA	NA	
NA	ENSG00000259581	1.87129371	0.04826856	0.38049822	0.5512317	NA	TYRO3P
101927310	ENSG00000259582	0	NA	NA	NA	NA	
101927751	ENSG00000259583	285.512005	0.47743257	0.14920858	0.00055128	0.00350892	
NA	ENSG00000259584	1.00897048	-0.02071842	0.38094221	0.72995082	NA	
NA	ENSG00000259585	0	NA	NA	NA	NA	RBM17P4
NA	ENSG00000259586	0	NA	NA	NA	NA	
NA	ENSG00000259587	0.30001543	-0.02294458	0.38527538	0.68644903	NA	
NA	ENSG00000259588	0	NA	NA	NA	NA	

NA	ENSG00000259589	0.66344027	-0.0231947	0.38266766	0.64041163	NA	
NA	ENSG00000259590	0	NA	NA	NA	NA	LINC02244
NA	ENSG00000259591	0	NA	NA	NA	NA	
NA	ENSG00000259592	1.6795707	0.03286133	0.3796832	0.65671608	NA	PRELID1P4
NA	ENSG00000259593	0	NA	NA	NA	NA	MTND5P40
NA	ENSG00000259594	0.34686493	0.00019951	0.38336209	0.9665681	NA	
NA	ENSG00000259595	0	NA	NA	NA	NA	
NA	ENSG00000259598	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000259600	0	NA	NA	NA	NA	
NA	ENSG00000259601	0.31858289	0.00149201	0.38336967	0.96278349	NA	
NA	ENSG00000259602	0	NA	NA	NA	NA	
NA	ENSG00000259603	0	NA	NA	NA	NA	
NA	ENSG00000259604	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000259605	52.7138745	1.66207962	0.37525536	6.66E-07	7.77E-06	
NA	ENSG00000259607	0	NA	NA	NA	NA	
NA	ENSG00000259608	0	NA	NA	NA	NA	
NA	ENSG00000259609	1.04691422	0.03532231	0.38170517	0.58598783	NA	
101927332	ENSG00000259611	0	NA	NA	NA	NA	LINC01582
NA	ENSG00000259612	0.98865041	0.0287829	0.38190059	0.6283256	NA	EEF1A1P22
NA	ENSG00000259614	0	NA	NA	NA	NA	TUBAP12
NA	ENSG00000259615	0	NA	NA	NA	NA	
NA	ENSG00000259616	0	NA	NA	NA	NA	
NA	ENSG00000259617	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000259619	0	NA	NA	NA	NA	
102724452	ENSG00000259620	0	NA	NA	NA	NA	
NA	ENSG00000259621	0	NA	NA	NA	NA	
NA	ENSG00000259622	0	NA	NA	NA	NA	
NA	ENSG00000259623	49.9868343	0.15616055	0.30476542	0.43539178	0.66055517	
NA	ENSG00000259624	0	NA	NA	NA	NA	
NA	ENSG00000259626	0	NA	NA	NA	NA	MTND3P12
NA	ENSG00000259627	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000259628	0.8393363	0.03754907	0.38470825	0.45682999	NA	
NA	ENSG00000259630	0.35730472	0.02382155	0.38538176	0.61370228	NA	FABP5P9
NA	ENSG00000259631	0	NA	NA	NA	NA	
NA	ENSG00000259632	0	NA	NA	NA	NA	
NA	ENSG00000259633	0	NA	NA	NA	NA	UBE2Q2P8
NA	ENSG00000259635	5.33263441	-0.0342174	0.36627924	0.76959197	0.89405696	
105370954	ENSG00000259636	0	NA	NA	NA	NA	

NA	ENSG00000259637	0	NA	NA	NA	NA	DNM1P38
NA	ENSG00000259639	0	NA	NA	NA	NA	
NA	ENSG00000259642	133.930029	0.48269895	0.26415599	0.0219059	0.07839341	ST20-AS1
NA	ENSG00000259644	2.27058801	0.12390132	0.40642733	0.13268029	NA	
NA	ENSG00000259645	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000259646	0	NA	NA	NA	NA	
NA	ENSG00000259647	0	NA	NA	NA	NA	
NA	ENSG00000259648	3.70958581	0.06194324	0.37567906	0.56249371	0.76552855	
NA	ENSG00000259649	0.45033321	-0.02732894	0.38571546	0.56141913	NA	
NA	ENSG00000259650	0	NA	NA	NA	NA	
NA	ENSG00000259651	0	NA	NA	NA	NA	MTCO3P23
NA	ENSG00000259652	0	NA	NA	NA	NA	
NA	ENSG00000259654	0.31693789	0.00132888	0.38336823	0.96512072	NA	
NA	ENSG00000259655	0	NA	NA	NA	NA	
NA	ENSG00000259656	1.35973882	-0.09092541	0.39858426	0.09921066	NA	
NA	ENSG00000259657	3.11599402	-0.07625432	0.3790702	0.47621872	0.69815853	PIGHP1
100128108	ENSG00000259658	8.70178598	0.02739106	0.35615948	0.84471881	0.92965052	
NA	ENSG00000259659	5.48750995	0.05279932	0.36352375	0.68789018	0.8484763	
NA	ENSG00000259660	196.150227	-0.18695274	0.16777571	0.2140034	0.42415859	DNM1P47
NA	ENSG00000259661	0	NA	NA	NA	NA	
642366	ENSG00000259663	1595.94666	0.04310833	0.20624952	0.80632129	0.9122093	
101927286	ENSG00000259664	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02254
NA	ENSG00000259665	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
253044	ENSG00000259666	2.73270776	-0.00947964	0.37571235	0.90377474	0.95800026	LINGO1-AS1
NA	ENSG00000259668	18.4980316	-0.28413809	0.42178005	0.15608872	0.34233917	
NA	ENSG00000259669	0	NA	NA	NA	NA	
NA	ENSG00000259670	0	NA	NA	NA	NA	
NA	ENSG00000259671	0	NA	NA	NA	NA	MTCYBP23
NA	ENSG00000259672	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
100506686	ENSG00000259673	67.7533353	0.01755519	0.2382635	0.92663337	0.96932621	IQCH-AS1
NA	ENSG00000259674	0	NA	NA	NA	NA	
NA	ENSG00000259675	0	NA	NA	NA	NA	
NA	ENSG00000259676	0	NA	NA	NA	NA	
NA	ENSG00000259677	0.8415306	-0.03549438	0.38357684	0.49896565	NA	
NA	ENSG00000259678	0	NA	NA	NA	NA	
NA	ENSG00000259680	0	NA	NA	NA	NA	IGHV3OR16-17
NA	ENSG00000259681	0	NA	NA	NA	NA	
NA	ENSG00000259682	0	NA	NA	NA	NA	

	NA	ENSG00000259683	13.916865	-0.03322536	0.32654027	0.84718286	0.93052693	
	NA	ENSG00000259684	0	NA	NA	NA	NA	
	NA	ENSG00000259685	0	NA	NA	NA	NA	IDH2-DT
	NA	ENSG00000259686	0	NA	NA	NA	NA	HNRNPA1P71
	NA	ENSG00000259687	0.55937828	-0.00775793	0.38296194	0.83643459	NA	LINC01220
	NA	ENSG00000259688	0	NA	NA	NA	NA	
	NA	ENSG00000259690	0	NA	NA	NA	NA	
	NA	ENSG00000259691	0	NA	NA	NA	NA	FKBP1AP2
	NA	ENSG00000259692	1.8562066	0.1158414	0.40483893	0.09969117	NA	
	NA	ENSG00000259694	1.58588897	0.01973953	0.37797825	0.79274012	NA	
	NA	ENSG00000259695	0	NA	NA	NA	NA	
	NA	ENSG00000259696	0	NA	NA	NA	NA	
107984784	NA	ENSG00000259697	0	NA	NA	NA	NA	
	NA	ENSG00000259698	0	NA	NA	NA	NA	FAM30C
	NA	ENSG00000259699	0	NA	NA	NA	NA	HMGB1P8
	NA	ENSG00000259700	0.34746601	0.02370763	0.3853651	0.61987128	NA	
	NA	ENSG00000259701	0	NA	NA	NA	NA	
	NA	ENSG00000259702	0	NA	NA	NA	NA	
105370969	NA	ENSG00000259704	0	NA	NA	NA	NA	
	NA	ENSG00000259705	10.5698625	-0.13153088	0.36457593	0.42526002	0.65106558	
	NA	ENSG00000259706	3.65860947	0.05202765	0.37192557	0.64135796	0.82041028	HSP90B2P
	NA	ENSG00000259707	13.2297384	-1.71656672	0.96875683	0.00287421	0.01460438	
	NA	ENSG00000259708	0	NA	NA	NA	NA	
	NA	ENSG00000259709	1.48598359	-0.00541937	0.37834069	0.93732199	NA	
	NA	ENSG00000259710	0	NA	NA	NA	NA	NUTF2P6
	NA	ENSG00000259711	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000259712	1.83348671	0.04225183	0.38103876	0.569232	NA	
	NA	ENSG00000259713	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000259715	0	NA	NA	NA	NA	
105370683	NA	ENSG00000259717	0.49086116	0.01417782	0.38309259	0.75828417	NA	LINC00677
	NA	ENSG00000259719	0	NA	NA	NA	NA	LINC02284
	NA	ENSG00000259720	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100131315	NA	ENSG00000259721	0	NA	NA	NA	NA	
	NA	ENSG00000259722	0	NA	NA	NA	NA	
	NA	ENSG00000259723	0	NA	NA	NA	NA	
101927112	NA	ENSG00000259724	0	NA	NA	NA	NA	LINC01581
	NA	ENSG00000259725	0	NA	NA	NA	NA	
	NA	ENSG00000259726	210.421329	0.37564768	0.15860283	0.00941549	0.03948351	CSPG4P11

	NA	ENSG00000259727	0	NA	NA	NA	NA	
100506874	NA	ENSG00000259728	2.37107276	0.10089801	0.39603536	0.194699	NA	LINC00933
	NA	ENSG00000259730	0	NA	NA	NA	NA	
	NA	ENSG00000259731	0	NA	NA	NA	NA	
	NA	ENSG00000259732	1.12808037	-0.00234425	0.3786959	0.97217658	NA	
	NA	ENSG00000259734	0	NA	NA	NA	NA	
	NA	ENSG00000259735	0	NA	NA	NA	NA	
101926895	NA	ENSG00000259736	6.9372206	0.04622612	0.35583375	0.74745104	0.88138554	CRTC3-AS1
	NA	ENSG00000259737	0	NA	NA	NA	NA	
	NA	ENSG00000259738	0.16735865	0.01897177	0.38482933	0.78225479	NA	ZNF444P1
	NA	ENSG00000259740	0	NA	NA	NA	NA	
	NA	ENSG00000259742	0	NA	NA	NA	NA	
	NA	ENSG00000259743	0	NA	NA	NA	NA	
	NA	ENSG00000259744	0.5142946	0.01323736	0.38294335	0.75058107	NA	
	NA	ENSG00000259746	0.35730472	0.02382155	0.38538176	0.61370228	NA	HSPE1P3
	NA	ENSG00000259749	0	NA	NA	NA	NA	NCAPGP2
	NA	ENSG00000259750	0	NA	NA	NA	NA	NSA2P4
	NA	ENSG00000259751	2.16683602	-0.0019896	0.37456367	0.98015531	NA	TUBAP11
	NA	ENSG00000259753	0	NA	NA	NA	NA	
	NA	ENSG00000259754	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000259755	0.33471731	0.02354391	0.38534154	0.62842204	NA	
	NA	ENSG00000259756	0	NA	NA	NA	NA	
	NA	ENSG00000259757	0	NA	NA	NA	NA	
	NA	ENSG00000259759	0	NA	NA	NA	NA	
	NA	ENSG00000259760	0	NA	NA	NA	NA	
	NA	ENSG00000259762	0.51350909	0.01568358	0.38314687	0.73444325	NA	
	NA	ENSG00000259763	0	NA	NA	NA	NA	LINC02157
105371027	NA	ENSG00000259764	0	NA	NA	NA	NA	PCSK6-AS1
	NA	ENSG00000259767	0.30001544	-0.02294458	0.38527538	0.68644902	NA	
	NA	ENSG00000259768	351.165163	-0.2076814	0.14358372	0.11753113	0.28107735	
	NA	ENSG00000259769	0	NA	NA	NA	NA	
	NA	ENSG00000259770	0	NA	NA	NA	NA	
	NA	ENSG00000259771	0.34746601	0.02370763	0.3853651	0.61987128	NA	
	NA	ENSG00000259772	3.02795681	0.06786603	0.38309065	0.44128281	0.6661181	
	NA	ENSG00000259773	0	NA	NA	NA	NA	
103171574	NA	ENSG00000259774	5.62233815	-0.01681099	0.35950579	0.89544716	0.95469109	
	NA	ENSG00000259775	3.66965749	-0.0417441	0.37011715	0.70527658	0.85803894	
	NA	ENSG00000259776	0	NA	NA	NA	NA	

101927606	ENSG00000259779	0	NA	NA	NA	NA	LINC01922
	NA	ENSG00000259780	4.48189079	-0.04418467	0.37556008	0.64373262	0.8220245
	NA	ENSG00000259781	1909.67663	-0.29456674	0.07690952	8.89E-05	0.00068552
	NA	ENSG00000259782	0.45032473	-0.02732853	0.38571542	0.56142613	NA
102723640	ENSG00000259783	1.16313893	0.01966389	0.38024316	0.75840804	NA	LINC02259
	NA	ENSG00000259784	0	NA	NA	NA	NA
	NA	ENSG00000259786	0	NA	NA	NA	NA
	NA	ENSG00000259788	0	NA	NA	NA	NA
	NA	ENSG00000259789	0.30139824	-0.02296476	0.38527817	0.68536535	NA
	NA	ENSG00000259790	0	NA	NA	NA	NA
	NA	ENSG00000259791	0	NA	NA	NA	NA
	NA	ENSG00000259792	0	NA	NA	NA	NA
	NA	ENSG00000259793	1.86733963	-0.07230919	0.38836867	0.31021564	NA
	NA	ENSG00000259797	0.30001591	-0.02294459	0.38527538	0.68644873	NA
	NA	ENSG00000259798	0	NA	NA	NA	NA
	NA	ENSG00000259800	0	NA	NA	NA	NA
	NA	ENSG00000259802	54.0847279	-0.08822628	0.26699598	0.64819769	0.82448382
146429	ENSG00000259803	3.52055262	0.22230904	0.46839746	0.04506626	0.1373026	SLC22A31
107984813	ENSG00000259804	2.74781652	-0.05417323	0.37583011	0.59145416	0.78612249	
	NA	ENSG00000259805	0	NA	NA	NA	NA
	NA	ENSG00000259807	4.3864409	-0.04099643	0.36687981	0.72886673	0.87045369
	NA	ENSG00000259810	1.09079872	-0.00273729	0.38053336	0.96183786	NA
	NA	ENSG00000259813	0	NA	NA	NA	NA
	NA	ENSG00000259814	0	NA	NA	NA	NA
	NA	ENSG00000259815	0	NA	NA	NA	NA
	NA	ENSG00000259817	0	NA	NA	NA	NA
	NA	ENSG00000259818	1.27587167	0.00608152	0.37906374	0.92771816	NA
	NA	ENSG00000259819	0	NA	NA	NA	NA
	NA	ENSG00000259820	70.5164862	-0.69005058	0.30040727	0.00395932	0.0191359
	NA	ENSG00000259821	0	NA	NA	NA	NA
	NA	ENSG00000259822	0	NA	NA	NA	NA
646627	ENSG00000259823	0	NA	NA	NA	NA	LYPD8
	NA	ENSG00000259826	22.159064	0.07695981	0.31824974	0.67899195	0.84320727
	NA	ENSG00000259827	0	NA	NA	NA	NA
	NA	ENSG00000259828	0	NA	NA	NA	NA
283486	ENSG00000259831	0.36294038	0.02389467	0.38539239	0.60997357	NA	LINC00567
	NA	ENSG00000259832	0	NA	NA	NA	NA
	NA	ENSG00000259833	0	NA	NA	NA	NA

NA	ENSG00000259834	54.5791142	-4.67896315	0.5445298	2.13E-18	7.38E-17	
NA	ENSG00000259836	2.80603238	-0.04614201	0.37456248	0.64499478	0.82283284	AGGF1P6
388456	ENSG00000259837	0	NA	NA	NA	NA	LINC01904
NA	ENSG00000259838	0	NA	NA	NA	NA	ELOCP2
NA	ENSG00000259840	0.34125555	0.02362764	0.38535357	0.62402865	NA	
283914	ENSG00000259841	0	NA	NA	NA	NA	LINC01566
NA	ENSG00000259842	0	NA	NA	NA	NA	IGHV3OR16-16
NA	ENSG00000259843	0.51429194	0.01284237	0.38291625	0.7553835	NA	
NA	ENSG00000259844	0	NA	NA	NA	NA	GNPATP
NA	ENSG00000259845	6.03652505	0.28119939	0.49447139	0.07945664	0.21038565	HERC2P10
NA	ENSG00000259846	0	NA	NA	NA	NA	
101927650	ENSG00000259847	0	NA	NA	NA	NA	LINC02126
442028	ENSG00000259848	0.18922458	0.01954053	0.38488496	0.78225479	NA	
139538	ENSG00000259849	0	NA	NA	NA	NA	VENTXP1
NA	ENSG00000259852	0	NA	NA	NA	NA	IGHV1OR16-2
NA	ENSG00000259854	0	NA	NA	NA	NA	
NA	ENSG00000259855	0	NA	NA	NA	NA	
NA	ENSG00000259856	2.77972806	0.09366769	0.4008849	0.03675572	0.1178464	RAB43P1
NA	ENSG00000259861	0	NA	NA	NA	NA	
NA	ENSG00000259862	0	NA	NA	NA	NA	
NA	ENSG00000259863	6.67471849	0.0720453	0.3646384	0.59875063	0.79005929	SH3RF3-AS1
NA	ENSG00000259864	0	NA	NA	NA	NA	
NA	ENSG00000259865	133.03399	-0.08293723	0.19309059	0.61840927	0.80469863	
NA	ENSG00000259866	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000259867	0.41272299	0.02468819	0.38545968	0.60904042	NA	
NA	ENSG00000259868	1.93185262	0.13114622	0.41552142	0.03068933	NA	
NA	ENSG00000259869	0	NA	NA	NA	NA	
NA	ENSG00000259870	0	NA	NA	NA	NA	
NA	ENSG00000259871	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000259873	0	NA	NA	NA	NA	
NA	ENSG00000259874	0	NA	NA	NA	NA	
NA	ENSG00000259876	0	NA	NA	NA	NA	
NA	ENSG00000259877	149.186154	0.56998767	0.20388231	0.00148785	0.00832223	
NA	ENSG00000259878	0	NA	NA	NA	NA	
101927793	ENSG00000259881	0	NA	NA	NA	NA	
NA	ENSG00000259882	0	NA	NA	NA	NA	
101928363	ENSG00000259883	0.34746601	0.02370763	0.3853651	0.61987128	NA	EHD4-AS1
115409980	ENSG00000259884	0.83847291	0.04776942	0.38828988	0.27997252	NA	NR4A1AS

105369971	ENSG00000259887	1.85246854	-0.00497739	0.3771516	0.9460923	NA	FIGNL2-DT
NA	ENSG00000259889	0	NA	NA	NA	NA	
NA	ENSG00000259890	0	NA	NA	NA	NA	DNM1P50
NA	ENSG00000259891	132.330209	0.3205909	0.20120921	0.06395827	0.17968452	
NA	ENSG00000259892	0.173733	0.01914545	0.38484597	0.78225479	NA	
729652	ENSG00000259895	19.485543	0.03732793	0.31452911	0.84021665	0.92744511	
NA	ENSG00000259897	5.34393592	0.2844547	0.50826351	0.06187047	0.17550903	FRG2JP
NA	ENSG00000259899	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000259900	0	NA	NA	NA	NA	
NA	ENSG00000259904	2.58207596	0.10134231	0.39249879	0.27909158	0.50354712	ACTG1P15
791114	ENSG00000259905	0	NA	NA	NA	NA	PWRN1
101928840	ENSG00000259905	0	NA	NA	NA	NA	PWRN1
NA	ENSG00000259906	0	NA	NA	NA	NA	
NA	ENSG00000259907	0	NA	NA	NA	NA	
NA	ENSG00000259909	0	NA	NA	NA	NA	
NA	ENSG00000259910	0	NA	NA	NA	NA	
NA	ENSG00000259912	0	NA	NA	NA	NA	
NA	ENSG00000259914	0	NA	NA	NA	NA	
NA	ENSG00000259915	0.67721118	-0.03855433	0.38690435	0.39639755	NA	
100509620	ENSG00000259916	0	NA	NA	NA	NA	
NA	ENSG00000259917	37.8518286	0.46589179	0.38004262	0.05868338	0.16825136	HNRNPLP2
NA	ENSG00000259918	0	NA	NA	NA	NA	NDUFA5P11
NA	ENSG00000259920	0.33960528	0.00266446	0.38338518	0.9630182	NA	
NA	ENSG00000259921	0.64625181	0.00264207	0.38249418	0.9493469	NA	
NA	ENSG00000259922	0	NA	NA	NA	NA	
NA	ENSG00000259923	0	NA	NA	NA	NA	
NA	ENSG00000259924	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000259925	0	NA	NA	NA	NA	
NA	ENSG00000259926	0.32630925	0.00246798	0.38338213	0.95667965	NA	
NA	ENSG00000259928	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
107984893	ENSG00000259929	1.68841681	-0.07683334	0.39228852	0.18812154	NA	
NA	ENSG00000259931	0	NA	NA	NA	NA	
NA	ENSG00000259932	1.67290343	-0.02074464	0.37612401	0.80244244	NA	
105371049	ENSG00000259933	1.72250647	0.00995613	0.37492388	0.90898704	NA	
NA	ENSG00000259934	0	NA	NA	NA	NA	
NA	ENSG00000259935	0	NA	NA	NA	NA	
NA	ENSG00000259937	0	NA	NA	NA	NA	
NA	ENSG00000259940	6.6674208	-0.06685209	0.36123731	0.63122943	0.81364292	

	NA	ENSG00000259941	0.7534956	-0.03327829	0.38646938	0.40782637	NA	
	NA	ENSG00000259943	120.536756	0.23493402	0.20964361	0.18477164	0.38350847	
94150	NA	ENSG00000259944	0	NA	NA	NA	NA	CDRT7
	NA	ENSG00000259945	0	NA	NA	NA	NA	
	NA	ENSG00000259946	57.2854887	-0.50149813	0.32603057	0.03397427	0.11082695	
105371048	NA	ENSG00000259947	0	NA	NA	NA	NA	LINC02124
	NA	ENSG00000259948	31.7549612	-0.08540785	0.38550121	0.37885873	0.60779147	
	NA	ENSG00000259950	0	NA	NA	NA	NA	
	NA	ENSG00000259952	9.55503197	0.02514582	0.38466748	0.50302398	0.71990159	
	NA	ENSG00000259953	149.040698	-0.13279842	0.18200355	0.40650597	0.63480853	
283888	NA	ENSG00000259954	1.59689537	0.08006104	0.39334304	0.17289899	NA	IL21R-AS1
	NA	ENSG00000259955	0	NA	NA	NA	NA	
29890	NA	ENSG00000259956	3583.18554	0.08962167	0.06291382	0.14895217	0.33152468	RBM15B
	NA	ENSG00000259959	141.192257	-0.03120169	0.17928298	0.84295693	0.92866152	
	NA	ENSG00000259961	0	NA	NA	NA	NA	
	NA	ENSG00000259962	0	NA	NA	NA	NA	
	NA	ENSG00000259963	0	NA	NA	NA	NA	
101929196	NA	ENSG00000259964	0	NA	NA	NA	NA	THSD4-AS1
	NA	ENSG00000259966	0	NA	NA	NA	NA	FAM153DP
	NA	ENSG00000259967	0	NA	NA	NA	NA	
	NA	ENSG00000259968	0	NA	NA	NA	NA	
	NA	ENSG00000259969	1.98327109	-0.12043454	0.40609412	0.09745952	NA	
	NA	ENSG00000259970	0	NA	NA	NA	NA	
	NA	ENSG00000259972	177.565361	0.54663672	0.18653274	0.00106848	0.00624777	
140828	NA	ENSG00000259974	0	NA	NA	NA	NA	LINC00261
	NA	ENSG00000259976	198.789227	-0.14502161	0.16359703	0.32594417	0.55408554	
	NA	ENSG00000259977	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000259978	0	NA	NA	NA	NA	MRPS21P8
	NA	ENSG00000259979	0	NA	NA	NA	NA	VN1R68P
	NA	ENSG00000259981	0	NA	NA	NA	NA	
	NA	ENSG00000259982	4.37154343	0.06976337	0.37253383	0.56069185	0.76433463	CDC37P1
	NA	ENSG00000259983	0	NA	NA	NA	NA	
	NA	ENSG00000259984	0	NA	NA	NA	NA	
	NA	ENSG00000259985	19.5781046	-0.00329594	0.31575666	0.98294025	0.99428951	
	NA	ENSG00000259986	0	NA	NA	NA	NA	
	NA	ENSG00000259987	0	NA	NA	NA	NA	DUX4L46
	NA	ENSG00000259989	0	NA	NA	NA	NA	
	NA	ENSG00000259990	0	NA	NA	NA	NA	

NA	ENSG00000259992	0	NA	NA	NA	NA	
NA	ENSG00000259993	5.90934511	-0.00579548	0.36224836	0.95992253	0.98360159	
NA	ENSG00000259994	51.5338501	-0.34355443	0.29243547	0.10923125	0.26571211	
NA	ENSG00000259995	0	NA	NA	NA	NA	
NA	ENSG00000259996	0	NA	NA	NA	NA	RARRES2P8
NA	ENSG00000259997	0	NA	NA	NA	NA	IGHV1OR16-4
NA	ENSG00000259998	0	NA	NA	NA	NA	
NA	ENSG00000259999	0	NA	NA	NA	NA	
NA	ENSG00000260000	22.2785102	-0.00016118	0.30536071	0.9979035	0.99926338	
100507588	ENSG00000260001	63.4415522	-0.93616032	0.39642475	0.00172656	0.00945647	TGFBR3L
NA	ENSG00000260003	0	NA	NA	NA	NA	
NA	ENSG00000260004	0	NA	NA	NA	NA	
NA	ENSG00000260005	59.9506633	0.31325381	0.26858339	0.12746686	0.29787309	
NA	ENSG00000260007	227.037539	-0.05456901	0.1593644	0.70555855	0.85805331	
NA	ENSG00000260008	0	NA	NA	NA	NA	
105447648	ENSG00000260009	0	NA	NA	NA	NA	LINC02130
NA	ENSG00000260010	0	NA	NA	NA	NA	ZNF720P1
NA	ENSG00000260011	0.34095288	0.00316874	0.38339489	0.95819239	NA	
NA	ENSG00000260012	0	NA	NA	NA	NA	
NA	ENSG00000260014	0	NA	NA	NA	NA	LSM3P5
NA	ENSG00000260015	0	NA	NA	NA	NA	
NA	ENSG00000260017	0.82364505	-0.04669023	0.3880633	0.31047364	NA	
NA	ENSG00000260018	13.3699532	0.07296034	0.33464782	0.67633715	0.84170926	
105371708	ENSG00000260019	0	NA	NA	NA	NA	LINC01992
NA	ENSG00000260021	0	NA	NA	NA	NA	
NA	ENSG00000260022	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000260024	0	NA	NA	NA	NA	MRPS21P7
NA	ENSG00000260025	0	NA	NA	NA	NA	CRIM1-DT
NA	ENSG00000260026	0	NA	NA	NA	NA	LINC02189
3217	ENSG00000260027	0.18922458	0.01954053	0.38488496	0.78225479	NA	HOXB7
NA	ENSG00000260029	0	NA	NA	NA	NA	
NA	ENSG00000260030	0	NA	NA	NA	NA	
NA	ENSG00000260031	0	NA	NA	NA	NA	RPL10P14
647979	ENSG00000260032	7852.98735	-0.21696874	0.05097652	1.72E-05	0.00015645	NORAD
NA	ENSG00000260033	0	NA	NA	NA	NA	
100506655	ENSG00000260034	6.79774943	0.03672287	0.35363196	0.800317	0.90857687	LCMT1-AS2
NA	ENSG00000260035	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000260036	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

NA	ENSG00000260037	1.17876613	-0.03011353	0.38130838	0.63360345	NA	
NA	ENSG00000260038	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000260041	0	NA	NA	NA	NA	
NA	ENSG00000260042	0	NA	NA	NA	NA	
NA	ENSG00000260046	0	NA	NA	NA	NA	
NA	ENSG00000260047	0.18922458	0.01954053	0.38488496	0.78225479	NA	BCAP31P2
NA	ENSG00000260048	0	NA	NA	NA	NA	IGHV1OR16-3
NA	ENSG00000260051	16.8666652	0.22060215	0.38506133	0.25053511	0.47053941	
NA	ENSG00000260052	2.01123786	0.03805667	0.37625775	0.67478612	NA	
NA	ENSG00000260053	5.15517586	0.12962084	0.40817854	0.13214842	0.30511168	ABCB10P4
NA	ENSG00000260057	0.32417457	-0.02327581	0.38532177	0.66840682	NA	LINC01571
NA	ENSG00000260058	0	NA	NA	NA	NA	
NA	ENSG00000260059	0.34111827	0.02362659	0.38535341	0.62410139	NA	
NA	ENSG00000260060	1.5037683	0.04895913	0.38181018	0.51935072	NA	
NA	ENSG00000260062	0	NA	NA	NA	NA	GOLGA2P11
101928728	ENSG00000260063	15.7135042	0.09774725	0.33397873	0.58809065	0.78291072	
NA	ENSG00000260064	0	NA	NA	NA	NA	
NA	ENSG00000260066	0	NA	NA	NA	NA	
NA	ENSG00000260067	0	NA	NA	NA	NA	MTND4LP25
NA	ENSG00000260068	0	NA	NA	NA	NA	
NA	ENSG00000260070	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
101927026	ENSG00000260071	0.38023728	0.00622535	0.38348864	0.9165921	NA	
NA	ENSG00000260072	0	NA	NA	NA	NA	
NA	ENSG00000260073	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000260075	0.74659737	-0.03303578	0.38644226	0.4112877	NA	NSFPI
NA	ENSG00000260077	23.0842749	0.05547417	0.30940603	0.76815114	0.89321994	
NA	ENSG00000260078	0	NA	NA	NA	NA	
105373383	ENSG00000260081	10.252459	-0.0081446	0.34026365	0.95744672	0.98264776	
NA	ENSG00000260082	0.173733	0.01914545	0.38484597	0.78225479	NA	
101928736	ENSG00000260083	56.7261168	0.21498227	0.27560648	0.28868912	0.51460846	MIR762HG
NA	ENSG00000260084	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000260086	22.2502614	0.03178777	0.31476844	0.86301239	0.93919706	
NA	ENSG00000260087	0	NA	NA	NA	NA	PCMTD1P2
101929224	ENSG00000260088	3.43040902	0.06957469	0.3754188	0.53570301	0.74647757	DDX59-AS1
NA	ENSG00000260089	0.80841831	-0.03279863	0.38325538	0.52636106	NA	ADAM3B
NA	ENSG00000260090	0	NA	NA	NA	NA	
NA	ENSG00000260091	1.06459485	-0.04567962	0.3857225	0.38687432	NA	
NA	ENSG00000260092	10.4749135	0.21676868	0.40482359	0.22392745	0.43757713	

NA	ENSG00000260093	2.22643994	-0.03638369	0.37548933	0.69259177	NA	
100861546	ENSG00000260094	0	NA	NA	NA	NA	LINC00564
NA	ENSG00000260095	4.39353213	-0.08507779	0.37656346	0.47791973	0.69957877	
NA	ENSG00000260096	0	NA	NA	NA	NA	DNM1P33
729597	ENSG00000260097	54.116504	-0.11705633	0.25194273	0.54198361	0.75025664	SPDYE6
NA	ENSG00000260100	0.8879987	0.03714625	0.38447941	0.44380688	NA	
101927402	ENSG00000260101	5.48938733	-0.02441409	0.35855928	0.8518479	0.93275912	
NA	ENSG00000260102	0	NA	NA	NA	NA	LINC01070
NA	ENSG00000260103	14.4309636	-0.12157581	0.34456079	0.49510857	0.71392913	
NA	ENSG00000260104	0	NA	NA	NA	NA	
90586	ENSG00000260105	0.30139824	-0.02296476	0.38527817	0.68536535	NA	AOC4P
NA	ENSG00000260107	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000260108	0	NA	NA	NA	NA	
NA	ENSG00000260109	0	NA	NA	NA	NA	
NA	ENSG00000260111	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000260112	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000260113	0	NA	NA	NA	NA	
NA	ENSG00000260115	0	NA	NA	NA	NA	
NA	ENSG00000260118	4.27039297	0.21455065	0.45488063	0.07526957	0.20202221	
NA	ENSG00000260120	0	NA	NA	NA	NA	
NA	ENSG00000260121	8.42738045	0.17041148	0.3956259	0.2718216	0.49517404	
NA	ENSG00000260122	7.56814733	0.00745683	0.38308282	0.85771117	0.93653665	
NA	ENSG00000260123	2.4479155	-0.03992809	0.37648238	0.6559414	NA	CARMAL
727915	ENSG00000260125	0	NA	NA	NA	NA	AGBL1-AS1
NA	ENSG00000260126	0	NA	NA	NA	NA	
89838	ENSG00000260128	29.2826227	-0.09008914	0.30632106	0.63716498	0.81722218	ULK4P2
100288380	ENSG00000260128	29.2826227	-0.09008914	0.30632106	0.63716498	0.81722218	ULK4P2
NA	ENSG00000260131	0	NA	NA	NA	NA	LINC00556
NA	ENSG00000260132	1.05349116	0.00573945	0.37995224	0.92509431	NA	
NA	ENSG00000260133	0	NA	NA	NA	NA	CA5AP1
NA	ENSG00000260134	0	NA	NA	NA	NA	C1QL1P1
NA	ENSG00000260135	0.16735865	0.01897177	0.38482933	0.78225479	NA	MMP2-AS1
NA	ENSG00000260136	25.8086597	0.04967572	0.29499129	0.7963377	0.90654923	
NA	ENSG00000260137	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000260139	0	NA	NA	NA	NA	CSPG4P13
NA	ENSG00000260141	10.1353323	-0.05427747	0.35001574	0.72072487	0.8666434	
NA	ENSG00000260142	0	NA	NA	NA	NA	
NA	ENSG00000260144	2.22878265	-0.09568681	0.39165037	0.28393713	NA	

NA	ENSG00000260145	0	NA	NA	NA	NA	
NA	ENSG00000260146	0	NA	NA	NA	NA	
NA	ENSG00000260147	0	NA	NA	NA	NA	MTND5P34
NA	ENSG00000260148	0	NA	NA	NA	NA	
NA	ENSG00000260151	0	NA	NA	NA	NA	LINC02673
NA	ENSG00000260152	0	NA	NA	NA	NA	
NA	ENSG00000260153	3.37852731	-0.02789006	0.36999729	0.79064952	0.90466583	RARRES2P10
NA	ENSG00000260156	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000260157	0	NA	NA	NA	NA	
NA	ENSG00000260158	0.34687928	0.00028859	0.3833622	0.96572589	NA	
NA	ENSG00000260159	5.88674466	-0.40972567	0.70651374	0.02305569	0.08165386	
NA	ENSG00000260160	0.96297362	-0.02046704	0.38099908	0.73252803	NA	
NA	ENSG00000260161	0	NA	NA	NA	NA	MTCYBP28
NA	ENSG00000260162	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000260163	2.79551523	0.05772631	0.38187341	0.49120749	0.71060078	
NA	ENSG00000260165	0	NA	NA	NA	NA	
NA	ENSG00000260166	1.72724383	-0.01735863	0.37853549	0.80692351	NA	
NA	ENSG00000260167	1.29686054	-0.01850796	0.37957548	0.78137463	NA	
NA	ENSG00000260170	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000260171	0	NA	NA	NA	NA	
101928611	ENSG00000260172	0	NA	NA	NA	NA	LINC01413
NA	ENSG00000260173	0	NA	NA	NA	NA	
NA	ENSG00000260174	0	NA	NA	NA	NA	SYNGR2P1
NA	ENSG00000260177	0	NA	NA	NA	NA	
NA	ENSG00000260179	1.6446136	-0.02146672	0.37619281	0.7960231	NA	
NA	ENSG00000260182	0	NA	NA	NA	NA	
NA	ENSG00000260183	0.4947044	0.01124217	0.38337595	0.78495592	NA	
NA	ENSG00000260184	0	NA	NA	NA	NA	
NA	ENSG00000260185	0	NA	NA	NA	NA	
NA	ENSG00000260186	0.78964455	-0.00083437	0.3807751	0.98878036	NA	LINC02137
NA	ENSG00000260187	0	NA	NA	NA	NA	PPIAP48
NA	ENSG00000260188	0	NA	NA	NA	NA	
NA	ENSG00000260190	2.37319471	-0.04554737	0.37815926	0.60406433	NA	
101927460	ENSG00000260192	0	NA	NA	NA	NA	LINC02240
NA	ENSG00000260193	4.77027119	0.0225445	0.36400932	0.85435979	0.93466646	LINC02846
NA	ENSG00000260194	0.62261305	-0.01852715	0.3829585	0.69529064	NA	
NA	ENSG00000260196	111.504293	-0.50052627	0.27333508	0.02037525	0.07391569	
NA	ENSG00000260197	0	NA	NA	NA	NA	

NA	ENSG00000260198	0.83757447	-0.03260171	0.38404981	0.51854461	NA	
NA	ENSG00000260201	0	NA	NA	NA	NA	
NA	ENSG00000260202	0	NA	NA	NA	NA	
NA	ENSG00000260205	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000260206	0	NA	NA	NA	NA	
NA	ENSG00000260207	0	NA	NA	NA	NA	DUX4L47
NA	ENSG00000260209	0.71017356	0.02547028	0.38342218	0.5729672	NA	
NA	ENSG00000260211	2.17610783	0.000137	0.37468863	0.9998012	NA	
NA	ENSG00000260212	0	NA	NA	NA	NA	
NA	ENSG00000260213	4.70165618	-0.14014942	0.41771457	0.04981509	0.14857274	CENPN-AS1
NA	ENSG00000260217	0	NA	NA	NA	NA	
NA	ENSG00000260218	0	NA	NA	NA	NA	
101928707	ENSG00000260219	26.956332	0.35444283	0.37625699	0.12252853	0.28964209	CD2BP2-DT
399693	ENSG00000260220	0.45209736	-0.02505403	0.38558831	0.57865948	NA	CCDC187
NA	ENSG00000260223	0	NA	NA	NA	NA	
NA	ENSG00000260224	0	NA	NA	NA	NA	UBL5P4
102724163	ENSG00000260228	0	NA	NA	NA	NA	
NA	ENSG00000260229	0	NA	NA	NA	NA	PPIAP51
23732	ENSG00000260230	745.928221	-0.16405253	0.09589365	0.07662188	0.20468266	FRRS1L
100134229	ENSG00000260231	71.9435427	-0.23191508	0.25717851	0.2405528	0.45859206	KDM7A-DT
NA	ENSG00000260232	0	NA	NA	NA	NA	PWRN4
NA	ENSG00000260233	36.5829956	0.07324418	0.2906981	0.70534256	0.85803894	ZNRD2-AS1
NA	ENSG00000260234	0	NA	NA	NA	NA	
NA	ENSG00000260235	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000260236	41.9597521	0.12634314	0.27217212	0.52205448	0.73541329	
NA	ENSG00000260237	0	NA	NA	NA	NA	
100527963	ENSG00000260238	93.308661	0.5524551	0.25755949	0.00881794	0.03739802	PMF1-BGLAP
NA	ENSG00000260239	0	NA	NA	NA	NA	LINC02533
NA	ENSG00000260240	0	NA	NA	NA	NA	APOOP5
NA	ENSG00000260242	0	NA	NA	NA	NA	
NA	ENSG00000260244	6.08776223	0.0040795	0.38294838	0.925699	0.96912396	
NA	ENSG00000260246	0	NA	NA	NA	NA	
NA	ENSG00000260247	0	NA	NA	NA	NA	SUB1P4
NA	ENSG00000260249	7.19954081	-0.10737114	0.37046738	0.45947361	0.68258752	
NA	ENSG00000260251	0	NA	NA	NA	NA	
NA	ENSG00000260252	0.70592898	0.05132177	0.38860963	0.29531019	NA	
NA	ENSG00000260253	9.78532066	-0.09268407	0.35804309	0.54907782	0.75561517	
NA	ENSG00000260254	5.44431225	-0.03087643	0.36498831	0.79518087	0.90585603	

NA	ENSG00000260255	0	NA	NA	NA	NA	
NA	ENSG00000260256	0	NA	NA	NA	NA	
NA	ENSG00000260257	40.005115	-0.01253492	0.2686568	0.94639458	0.97814213	
NA	ENSG00000260258	0	NA	NA	NA	NA	
NA	ENSG00000260259	2.1296391	0.08495789	0.38951858	0.30500216	NA	LINC02166
100507303	ENSG00000260260	150.455927	-0.48748176	0.20162418	0.00563599	0.02574672	SNHG19
NA	ENSG00000260261	107.6835	0.13757451	0.20032839	0.42320409	0.64917034	
NA	ENSG00000260262	0.777227	-0.04361809	0.38761627	0.33717706	NA	
105371142	ENSG00000260264	0	NA	NA	NA	NA	LINC02194
NA	ENSG00000260265	0	NA	NA	NA	NA	LINC02562
729739	ENSG00000260266	0	NA	NA	NA	NA	PPIAP46
NA	ENSG00000260267	292.251146	0.23785374	0.13666291	0.06181162	0.17539718	
100505619	ENSG00000260268	0	NA	NA	NA	NA	LINC00919
NA	ENSG00000260269	2.99345424	0.00035051	0.37588878	0.99876425	0.99957022	
NA	ENSG00000260271	2.25714028	0.07136493	0.38394018	0.42036119	NA	
NA	ENSG00000260272	5.39790957	0.13838209	0.4043042	0.20458838	0.41133293	
NA	ENSG00000260273	8.22711807	-0.17285482	0.40048983	0.250942	0.47084257	
NA	ENSG00000260274	19.859034	-0.02145063	0.3104735	0.90532835	0.95855092	
NA	ENSG00000260275	0	NA	NA	NA	NA	
NA	ENSG00000260277	2.71646037	-0.06029859	0.38015278	0.51037036	0.72572757	
NA	ENSG00000260278	0.173733	0.01914545	0.38484597	0.78225479	NA	
105371414	ENSG00000260279	59.0125551	0.28394753	0.27395026	0.16791701	0.35887898	
100526831	ENSG00000260280	548.578321	0.48251618	0.14020666	0.00023277	0.00162667	SLX1B-SULT1A4
NA	ENSG00000260281	0.9681669	0.02312433	0.38211401	0.67087525	NA	ITFG1-AS1
NA	ENSG00000260282	0.15069912	-0.01848503	0.38480575	0.84537521	NA	EIF4EBP2P2
NA	ENSG00000260284	0	NA	NA	NA	NA	TPSP2
NA	ENSG00000260285	54.6729257	-0.00887559	0.2598408	0.96515056	0.98622874	
101928603	ENSG00000260286	0	NA	NA	NA	NA	ARMH2
101060321	ENSG00000260287	0	NA	NA	NA	NA	TBC1D3G
NA	ENSG00000260288	0.73157539	-0.04919633	0.388136	0.33132659	NA	
NA	ENSG00000260289	0	NA	NA	NA	NA	
NA	ENSG00000260290	0.48968642	-0.01119464	0.38291853	0.82098459	NA	
NA	ENSG00000260291	0.81078327	-0.02869029	0.38352265	0.54820495	NA	FRG2GP
NA	ENSG00000260293	485.055093	-0.15475284	0.111173428	0.1467252	0.32789232	
NA	ENSG00000260296	34.6466758	0.01605441	0.27310623	0.93523088	0.97319735	
NA	ENSG00000260298	1.20136647	-0.04923028	0.38615901	0.34252428	NA	ACTG1P16
NA	ENSG00000260302	0	NA	NA	NA	NA	LINC01882
NA	ENSG00000260303	0	NA	NA	NA	NA	

NA	ENSG00000260304	0.66028614	0.00134854	0.38189823	0.97597824	NA	
283738	ENSG00000260305	0	NA	NA	NA	NA	NTRK3-AS1
NA	ENSG00000260306	40.2295401	0.11974566	0.2862738	0.54458504	0.75235966	
NA	ENSG00000260307	0	NA	NA	NA	NA	PABPC1P13
NA	ENSG00000260308	0	NA	NA	NA	NA	
NA	ENSG00000260310	0	NA	NA	NA	NA	
NA	ENSG00000260311	0	NA	NA	NA	NA	
NA	ENSG00000260312	0	NA	NA	NA	NA	
4360	ENSG00000260314	0.30139824	-0.02296476	0.38527817	0.68536535	NA	MRC1
NA	ENSG00000260316	2.37933027	-0.06258488	0.38196596	0.46887329	NA	
NA	ENSG00000260317	19.579962	-0.06998699	0.31141313	0.70712737	0.85890823	
NA	ENSG00000260318	0.173733	0.01914545	0.38484597	0.78225479	NA	COX6CP1
NA	ENSG00000260322	0	NA	NA	NA	NA	
94086	ENSG00000260325	0.97899161	-0.02232432	0.38035173	0.72834967	NA	HSPB9
NA	ENSG00000260326	0	NA	NA	NA	NA	PHBP21
NA	ENSG00000260327	0	NA	NA	NA	NA	ACTR3BP3
NA	ENSG00000260328	0	NA	NA	NA	NA	
NA	ENSG00000260329	29.7530857	-0.17820854	0.31062959	0.37734017	0.6061395	
NA	ENSG00000260331	4.70822082	0.04391376	0.36581359	0.72148119	0.86709971	
NA	ENSG00000260332	0	NA	NA	NA	NA	
NA	ENSG00000260335	0	NA	NA	NA	NA	
NA	ENSG00000260337	3.79254133	-0.03838082	0.37406554	0.69076824	0.85017629	
NA	ENSG00000260338	0	NA	NA	NA	NA	LINC01570
80072	ENSG00000260339	8.30711751	0.00130794	0.34928615	0.99515471	0.99852582	HEXA-AS1
NA	ENSG00000260340	0	NA	NA	NA	NA	LINC02176
NA	ENSG00000260341	0	NA	NA	NA	NA	C2orf69P2
NA	ENSG00000260342	5.5645154	-0.16888668	0.41504835	0.17735669	0.3723552	
101928752	ENSG00000260343	0	NA	NA	NA	NA	LINC01043
NA	ENSG00000260344	0	NA	NA	NA	NA	
NA	ENSG00000260345	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000260347	0	NA	NA	NA	NA	MOCS1P1
NA	ENSG00000260348	0	NA	NA	NA	NA	
NA	ENSG00000260349	0	NA	NA	NA	NA	
NA	ENSG00000260350	3.55845478	0.05851193	0.37326871	0.59918713	0.79043404	
NA	ENSG00000260351	1.24343726	0.08753617	0.3975205	0.10381142	NA	
NA	ENSG00000260352	0	NA	NA	NA	NA	
NA	ENSG00000260357	0.62576701	-0.03627188	0.38662441	0.42625897	NA	DNM1P34
NA	ENSG00000260360	1.63767859	0.02752748	0.37969504	0.69805727	NA	

NA	ENSG00000260361	0	NA	NA	NA	NA	
NA	ENSG00000260362	0	NA	NA	NA	NA	
NA	ENSG00000260364	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000260366	0.32424978	-0.02327641	0.38532186	0.66836355	NA	
NA	ENSG00000260367	13.4810427	0.00870291	0.3327716	0.96072791	0.98407795	
NA	ENSG00000260368	6.26868137	0.07570628	0.36534509	0.5829454	0.77951315	
NA	ENSG00000260369	1.75722313	-0.10837089	0.40120626	0.12332267	NA	
NA	ENSG00000260370	0	NA	NA	NA	NA	
NA	ENSG00000260371	0	NA	NA	NA	NA	
NA	ENSG00000260372	5.33237772	0.01981624	0.36080021	0.87750241	0.94578953	AQP4-AS1
NA	ENSG00000260375	0	NA	NA	NA	NA	
NA	ENSG00000260377	0	NA	NA	NA	NA	
NA	ENSG00000260378	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000260379	0	NA	NA	NA	NA	
NA	ENSG00000260381	0.47611967	-0.00801743	0.38278569	0.86243532	NA	
NA	ENSG00000260382	1.2939193	-0.04436399	0.38285969	0.50589868	NA	
NA	ENSG00000260385	0	NA	NA	NA	NA	
149086	ENSG00000260386	0	NA	NA	NA	NA	LDC1P
NA	ENSG00000260387	0	NA	NA	NA	NA	
100861549	ENSG00000260388	8.46602052	0.08088895	0.35639008	0.59909687	0.7904031	LINC00562
441818	ENSG00000260389	0	NA	NA	NA	NA	WBP11P1
NA	ENSG00000260390	1.1899529	0.02321688	0.38038054	0.72014015	NA	
NA	ENSG00000260391	10.2106752	-0.03056069	0.38671859	0.08612377	0.22335889	
NA	ENSG00000260392	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000260393	0	NA	NA	NA	NA	
105371184	ENSG00000260394	2.43336819	-0.00502982	0.37436197	0.95200603	NA	LINC02867
NA	ENSG00000260395	0	NA	NA	NA	NA	
NA	ENSG00000260398	23.8254947	-0.01179987	0.30458618	0.94755578	0.97852939	
NA	ENSG00000260399	0	NA	NA	NA	NA	
NA	ENSG00000260400	92.9483164	-0.41547646	0.24513619	0.03680739	0.11795487	
NA	ENSG00000260401	2.74400343	0.06429929	0.38558554	0.38765707	0.61657178	
NA	ENSG00000260402	0	NA	NA	NA	NA	
NA	ENSG00000260403	0	NA	NA	NA	NA	
NA	ENSG00000260404	692.757526	0.10732431	0.09556313	0.24632248	0.46560957	
NA	ENSG00000260405	0	NA	NA	NA	NA	
NA	ENSG00000260406	0	NA	NA	NA	NA	
NA	ENSG00000260409	0	NA	NA	NA	NA	
NA	ENSG00000260410	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000260412	103.394208	-0.7413253	0.24595248	0.00046514	0.00303163	
NA	ENSG00000260413	2.56061163	-0.0217851	0.37628353	0.79110983	0.90490742	
NA	ENSG00000260414	0	NA	NA	NA	NA	
NA	ENSG00000260416	0	NA	NA	NA	NA	
NA	ENSG00000260417	3.81179801	-0.01656302	0.37361126	0.85457044	0.93481157	
NA	ENSG00000260418	5.62470056	-0.10629834	0.37775059	0.42131004	0.64728348	
101928880	ENSG00000260420	7.76241367	-0.29597375	0.4869449	0.09882939	0.24719806	LINC02182
NA	ENSG00000260422	0	NA	NA	NA	NA	
101930452	ENSG00000260423	6.13591146	0.09097995	0.36846245	0.51537838	0.72968723	LINC02367
NA	ENSG00000260425	1.81372917	0.05231494	0.38445535	0.43555596	NA	
NA	ENSG00000260426	0	NA	NA	NA	NA	
NA	ENSG00000260427	0	NA	NA	NA	NA	AGGF1P9
642658	ENSG00000260428	90.8498235	0.21899719	0.22970924	0.24096652	0.45889574	SCX
NA	ENSG00000260430	3.32756468	-0.05165825	0.37535919	0.60685228	0.79639829	
NA	ENSG00000260431	0	NA	NA	NA	NA	
101928167	ENSG00000260433	0.95497728	0.05136421	0.38888028	0.24761627	NA	LINC01917
NA	ENSG00000260436	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000260438	0	NA	NA	NA	NA	
101929387	ENSG00000260439	1.1546832	0.01921218	0.37924864	0.78023305	NA	LMF1-AS1
NA	ENSG00000260440	0.46965363	-0.00824832	0.38328184	0.8570124	NA	LINC01544
NA	ENSG00000260441	0.32324826	0.00156314	0.38337023	0.96611616	NA	
100289092	ENSG00000260442	56.6724682	0.20464153	0.27036981	0.30871568	0.53633268	ATP2A1-AS1
NA	ENSG00000260443	0	NA	NA	NA	NA	
NA	ENSG00000260444	0	NA	NA	NA	NA	
NA	ENSG00000260445	0	NA	NA	NA	NA	
NA	ENSG00000260447	0.79402504	-0.04539524	0.38786027	0.32371416	NA	
NA	ENSG00000260448	11.8590327	0.10662296	0.35800087	0.50771536	0.72359301	LCMT1-AS1
NA	ENSG00000260450	0	NA	NA	NA	NA	LINC02134
NA	ENSG00000260451	0	NA	NA	NA	NA	GEMIN8P2
NA	ENSG00000260452	0.31841146	0.00134941	0.38336835	0.96414943	NA	TPRKBP2
NA	ENSG00000260454	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000260455	50.8731407	-1.33709114	0.35264558	1.20E-05	0.00011243	NBAT1
100506581	ENSG00000260456	57.9349702	-0.16154227	0.2619022	0.41001302	0.63791235	C16orf95
NA	ENSG00000260457	0	NA	NA	NA	NA	
100134444	ENSG00000260458	0	NA	NA	NA	NA	KCNJ18
NA	ENSG00000260459	0	NA	NA	NA	NA	FTLP14
NA	ENSG00000260460	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000260461	4.06119161	-0.097832	0.39080237	0.30069736	0.52795005	

NA	ENSG00000260464	16.6976796	0.02719308	0.32716026	0.87721271	0.94574195	
NA	ENSG00000260465	3.57772252	-0.15374291	0.4194896	0.10403172	0.25677486	
NA	ENSG00000260466	0.31680549	0.00120609	0.38336723	0.9662973	NA	
NA	ENSG00000260467	0	NA	NA	NA	NA	
106144584	ENSG00000260468	0	NA	NA	NA	NA	LINC01290
NA	ENSG00000260469	0.34624801	-0.02356563	0.38536324	0.65270996	NA	INSYN1-AS1
NA	ENSG00000260470	25.0560715	0.2828526	0.37217633	0.18982955	0.39101103	
NA	ENSG00000260471	0	NA	NA	NA	NA	PPIAP49
NA	ENSG00000260472	0	NA	NA	NA	NA	
NA	ENSG00000260473	6.61450592	-0.01755157	0.35825655	0.89185191	0.95310218	
NA	ENSG00000260475	2.69938312	0.06950283	0.37928883	0.49509154	0.71392913	
NA	ENSG00000260476	0	NA	NA	NA	NA	
101929701	ENSG00000260477	0	NA	NA	NA	NA	LINC01584
NA	ENSG00000260478	0	NA	NA	NA	NA	
NA	ENSG00000260479	0	NA	NA	NA	NA	
NA	ENSG00000260480	0	NA	NA	NA	NA	C2orf69P4
NA	ENSG00000260482	6.79065493	0.05085189	0.37055943	0.65779484	0.83028388	
NA	ENSG00000260483	0	NA	NA	NA	NA	
NA	ENSG00000260484	0	NA	NA	NA	NA	
NA	ENSG00000260487	0	NA	NA	NA	NA	
NA	ENSG00000260488	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000260490	0.87528329	0.01443224	0.38245083	0.75805047	NA	MYL12BP1
NA	ENSG00000260492	0	NA	NA	NA	NA	CISTR
102723322	ENSG00000260493	1.79544747	-0.00046925	0.37502326	0.99440618	NA	
NA	ENSG00000260494	1.35056085	0.05152707	0.38447526	0.43148781	NA	
NA	ENSG00000260495	2.78357091	-0.01946453	0.37246974	0.83841504	0.92669384	
NA	ENSG00000260496	0	NA	NA	NA	NA	
NA	ENSG00000260497	0	NA	NA	NA	NA	
NA	ENSG00000260498	1.68436377	-0.01544748	0.37814507	0.83078399	NA	
NA	ENSG00000260500	2.61005472	0.05382209	0.38437692	0.43303776	0.65845104	
NA	ENSG00000260504	0	NA	NA	NA	NA	
NA	ENSG00000260505	0	NA	NA	NA	NA	
NA	ENSG00000260507	0	NA	NA	NA	NA	
NA	ENSG00000260509	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000260510	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000260511	0	NA	NA	NA	NA	
NA	ENSG00000260514	0	NA	NA	NA	NA	
NA	ENSG00000260515	0	NA	NA	NA	NA	

NA	ENSG00000260516	0	NA	NA	NA	NA	
NA	ENSG00000260517	0.31668285	0.0010804	0.3833663	0.96750146	NA	
NA	ENSG00000260518	137.714764	0.08383367	0.18627215	0.60790038	0.79695264	BMS1P8
NA	ENSG00000260519	0	NA	NA	NA	NA	
NA	ENSG00000260520	0	NA	NA	NA	NA	
NA	ENSG00000260522	0	NA	NA	NA	NA	
NA	ENSG00000260524	0	NA	NA	NA	NA	CYP3A52P
NA	ENSG00000260525	0	NA	NA	NA	NA	
NA	ENSG00000260526	14.0519032	0.01107783	0.3278387	0.95056502	0.97972521	
NA	ENSG00000260528	58.6365564	-0.1531778	0.25702591	0.4302271	0.65583601	FAM157C
NA	ENSG00000260530	0	NA	NA	NA	NA	
NA	ENSG00000260532	0	NA	NA	NA	NA	
NA	ENSG00000260534	0	NA	NA	NA	NA	
NA	ENSG00000260536	0	NA	NA	NA	NA	
NA	ENSG00000260537	38.4084541	0.03751127	0.37617712	0.68590683	0.8472443	
NA	ENSG00000260540	0	NA	NA	NA	NA	ABHD17AP8
NA	ENSG00000260541	0	NA	NA	NA	NA	
NA	ENSG00000260542	0	NA	NA	NA	NA	
NA	ENSG00000260545	0.173733	0.01914545	0.38484597	0.78225479	NA	
4500	ENSG00000260549	0	NA	NA	NA	NA	MT1L
NA	ENSG00000260550	0	NA	NA	NA	NA	
791115	ENSG00000260551	0	NA	NA	NA	NA	PWRN2
101927809	ENSG00000260552	4.75655784	0.23702998	0.46691224	0.07959036	0.21058343	COSMOC
NA	ENSG00000260555	0	NA	NA	NA	NA	
NA	ENSG00000260558	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000260563	84.8522226	0.11161845	0.22818571	0.54734122	0.75427171	
NA	ENSG00000260564	0	NA	NA	NA	NA	
NA	ENSG00000260565	447.837318	-0.0032752	0.12745434	0.97738721	0.99232877	ERVK13-1
NA	ENSG00000260566	0	NA	NA	NA	NA	
NA	ENSG00000260568	0	NA	NA	NA	NA	
NA	ENSG00000260569	0	NA	NA	NA	NA	
NA	ENSG00000260570	0	NA	NA	NA	NA	
NA	ENSG00000260571	0.67097437	-0.03828061	0.38686976	0.39986992	NA	BNIP3P5
NA	ENSG00000260572	31.6664891	-0.03427366	0.28806915	0.85708776	0.93609679	
NA	ENSG00000260573	0	NA	NA	NA	NA	
NA	ENSG00000260574	0	NA	NA	NA	NA	
NA	ENSG00000260575	0	NA	NA	NA	NA	
NA	ENSG00000260576	0.16735865	0.01897177	0.38482933	0.78225479	NA	EIF5A2P1

NA	ENSG00000260577	5.85961173	-0.11713508	0.39048878	0.31267662	0.54056328	
NA	ENSG00000260578	10.4343213	0.22241539	0.4119768	0.2067116	0.41386868	
NA	ENSG00000260579	0	NA	NA	NA	NA	
NA	ENSG00000260580	0	NA	NA	NA	NA	
105378231	ENSG00000260581	0	NA	NA	NA	NA	
NA	ENSG00000260582	0	NA	NA	NA	NA	TPST2P1
NA	ENSG00000260583	2.07038021	0.03548656	0.37837384	0.66176834	NA	
NA	ENSG00000260584	0	NA	NA	NA	NA	
NA	ENSG00000260585	2.8374643	-0.06562607	0.38001631	0.49366585	0.7125217	
NA	ENSG00000260586	0	NA	NA	NA	NA	
NA	ENSG00000260588	12.5270847	0.10647966	0.34635735	0.53910123	0.74843996	
102723166	ENSG00000260589	11.7816419	-0.25872483	0.42546862	0.17229839	0.36486286	STAM-AS1
NA	ENSG00000260590	0	NA	NA	NA	NA	
NA	ENSG00000260592	0	NA	NA	NA	NA	
NA	ENSG00000260593	0	NA	NA	NA	NA	
NA	ENSG00000260594	0	NA	NA	NA	NA	
NA	ENSG00000260595	0	NA	NA	NA	NA	OR4C49P
100288687	ENSG00000260596	1.62707571	0.08800524	0.39819527	0.0779728	NA	DUX4
NA	ENSG00000260597	30.6850048	-0.48506399	0.40732669	0.05480072	0.15972474	
NA	ENSG00000260598	0	NA	NA	NA	NA	FRG2IP
101929124	ENSG00000260599	0	NA	NA	NA	NA	
NA	ENSG00000260600	0	NA	NA	NA	NA	
NA	ENSG00000260601	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000260602	0	NA	NA	NA	NA	HMG2P40
NA	ENSG00000260604	1.82853872	0.04685242	0.38045355	0.55925697	NA	
NA	ENSG00000260605	0	NA	NA	NA	NA	
NA	ENSG00000260608	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000260610	0	NA	NA	NA	NA	
NA	ENSG00000260611	2.52294103	0.06749247	0.38343073	0.4360166	NA	
NA	ENSG00000260612	0	NA	NA	NA	NA	
NA	ENSG00000260613	0	NA	NA	NA	NA	
NA	ENSG00000260615	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL23AP97
NA	ENSG00000260616	0	NA	NA	NA	NA	
NA	ENSG00000260617	2.53619773	0.00399734	0.37368379	0.9661312	NA	
NA	ENSG00000260618	6.94154681	-0.09349767	0.36938616	0.50148505	0.71844678	
NA	ENSG00000260619	4.72137097	0.18345661	0.42240993	0.16177918	0.35021265	
NA	ENSG00000260620	0	NA	NA	NA	NA	
NA	ENSG00000260621	0	NA	NA	NA	NA	

NA	ENSG00000260622	0	NA	NA	NA	NA	
NA	ENSG00000260624	0	NA	NA	NA	NA	
NA	ENSG00000260625	3.59543003	-0.12303382	0.39372561	0.28313321	0.50822065	
NA	ENSG00000260626	0	NA	NA	NA	NA	
NA	ENSG00000260628	0.18922458	0.01954053	0.38488496	0.78225479	NA	
103344929	ENSG00000260629	0	NA	NA	NA	NA	BGLT3
197187	ENSG00000260630	65.5102675	-0.24477878	0.33304984	0.24075612	0.45879844	SNAI3-AS1
NA	ENSG00000260631	0	NA	NA	NA	NA	RBM22P12
NA	ENSG00000260633	2.81769407	0.11171283	0.39615772	0.24156055	0.45960686	
NA	ENSG00000260634	1.89911509	-0.00273134	0.37601673	0.9715006	NA	
NA	ENSG00000260635	0	NA	NA	NA	NA	
NA	ENSG00000260639	0.94022977	-0.01335411	0.38149774	0.80312432	NA	
NA	ENSG00000260640	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000260641	10.3440398	-0.0129993	0.34012053	0.93308011	0.97202552	
NA	ENSG00000260643	47.0014876	0.67735955	0.40333456	0.01427224	0.05540302	
NA	ENSG00000260644	513.770917	-0.01547565	0.10807368	0.88048944	0.94708108	HERC2P5
NA	ENSG00000260645	32.3736258	0.57855028	0.41429877	0.03051652	0.10173884	
NA	ENSG00000260646	0.97635588	0.00590397	0.38018074	0.92163883	NA	
NA	ENSG00000260647	2.13591501	0.04774336	0.37882438	0.58499414	NA	
NA	ENSG00000260648	0.89343526	0.06435647	0.39120215	0.2032673	NA	
NA	ENSG00000260649	0	NA	NA	NA	NA	
NA	ENSG00000260650	0	NA	NA	NA	NA	
NA	ENSG00000260651	9.64736517	0.05017485	0.34897365	0.74594149	0.8802926	
NA	ENSG00000260653	1.35636546	-0.09423766	0.39946962	0.09723236	NA	
NA	ENSG00000260657	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000260658	3.65195889	0.03936135	0.36867015	0.73142122	0.87166875	
NA	ENSG00000260659	0	NA	NA	NA	NA	
NA	ENSG00000260660	0.79043193	-0.03684714	0.38394561	0.50556357	NA	
NA	ENSG00000260661	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000260662	0	NA	NA	NA	NA	
NA	ENSG00000260664	0.52201175	0.01062741	0.38325376	0.77387249	NA	
NA	ENSG00000260668	0	NA	NA	NA	NA	
NA	ENSG00000260669	48.8479429	0.30568238	0.30497605	0.15590491	0.34204948	
NA	ENSG00000260670	0	NA	NA	NA	NA	
NA	ENSG00000260671	0	NA	NA	NA	NA	
NA	ENSG00000260672	5.5200211	0.07422916	0.36931814	0.56612915	0.76789354	
NA	ENSG00000260673	0	NA	NA	NA	NA	
NA	ENSG00000260674	0	NA	NA	NA	NA	

	NA	ENSG00000260675	0	NA	NA	NA	NA	TCERG1P2
100505776	NA	ENSG00000260676	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC01541
	NA	ENSG00000260677	0	NA	NA	NA	NA	
	NA	ENSG00000260678	0.32252442	-0.02325449	0.38531873	0.66958766	NA	
	NA	ENSG00000260679	0	NA	NA	NA	NA	
	NA	ENSG00000260680	0	NA	NA	NA	NA	AGGF1P5
	NA	ENSG00000260681	0	NA	NA	NA	NA	
	NA	ENSG00000260682	0	NA	NA	NA	NA	RN7SKP176
	NA	ENSG00000260683	0	NA	NA	NA	NA	
	NA	ENSG00000260685	0.51059499	0.01705496	0.38327651	0.71853422	NA	
	NA	ENSG00000260686	0	NA	NA	NA	NA	
	NA	ENSG00000260688	0	NA	NA	NA	NA	
	NA	ENSG00000260689	4.16281329	0.23080587	0.4654837	0.07356156	0.19856617	HNRNPA3P11
	NA	ENSG00000260690	0	NA	NA	NA	NA	CYCSP39
84210	NA	ENSG00000260691	6.12677261	-0.00529779	0.36632038	0.95922852	0.9831126	ANKRD20A1
	NA	ENSG00000260693	17.2787586	0.10806199	0.33979713	0.54638653	0.75358156	
	NA	ENSG00000260694	0	NA	NA	NA	NA	
	NA	ENSG00000260695	0	NA	NA	NA	NA	
	NA	ENSG00000260698	14.668995	0.13196802	0.34505964	0.46846605	0.69118513	
	NA	ENSG00000260701	0	NA	NA	NA	NA	
	NA	ENSG00000260702	0	NA	NA	NA	NA	
100132234	NA	ENSG00000260704	0.173124	-0.01911262	0.38486262	0.84537521	NA	LINC00543
	NA	ENSG00000260706	0	NA	NA	NA	NA	
	NA	ENSG00000260708	68.1395775	0.39201868	0.28512321	0.06884604	0.18915738	
	NA	ENSG00000260710	0	NA	NA	NA	NA	
	NA	ENSG00000260711	0	NA	NA	NA	NA	
	NA	ENSG00000260714	1.33891398	-0.01769355	0.37946355	0.79112492	NA	
	NA	ENSG00000260715	0	NA	NA	NA	NA	
	NA	ENSG00000260719	0	NA	NA	NA	NA	
101929620	NA	ENSG00000260720	0	NA	NA	NA	NA	LINC01243
	NA	ENSG00000260721	3.23347134	-0.0535644	0.37449534	0.6074536	0.79671313	
	NA	ENSG00000260722	0	NA	NA	NA	NA	VN1R67P
	NA	ENSG00000260723	0	NA	NA	NA	NA	
	NA	ENSG00000260724	0	NA	NA	NA	NA	VN1R69P
	NA	ENSG00000260725	0	NA	NA	NA	NA	
	NA	ENSG00000260726	0	NA	NA	NA	NA	KLF8P1
	NA	ENSG00000260727	0	NA	NA	NA	NA	SLC7A5P1
	NA	ENSG00000260729	36.5344879	-0.65724485	0.45688501	0.02157615	0.07736687	

NA	ENSG00000260731	0	NA	NA	NA	NA	KRT8P22
NA	ENSG00000260733	0.16735865	0.01897177	0.38482933	0.78225479	NA	
102723796	ENSG00000260734	0	NA	NA	NA	NA	TLE7
100505915	ENSG00000260735	42.2449113	-0.17249952	0.28259388	0.38959613	0.61876783	
101928276	ENSG00000260737	0	NA	NA	NA	NA	LINC01227
100861542	ENSG00000260738	0	NA	NA	NA	NA	LINC00554
NA	ENSG00000260739	0	NA	NA	NA	NA	
NA	ENSG00000260740	0.472271	-0.02838803	0.38580402	0.54377134	NA	
NA	ENSG00000260741	0	NA	NA	NA	NA	
NA	ENSG00000260742	4.79586387	0.01780364	0.3664949	0.87778686	0.94578953	
NA	ENSG00000260743	4.23537183	-0.12540784	0.39694113	0.25431557	0.47479259	
NA	ENSG00000260744	0	NA	NA	NA	NA	
NA	ENSG00000260746	0.173733	0.01914545	0.38484597	0.78225479	NA	KIF18BP1
NA	ENSG00000260747	0	NA	NA	NA	NA	
NA	ENSG00000260750	0	NA	NA	NA	NA	
NA	ENSG00000260751	25.5734852	0.223757	0.33729822	0.28006007	0.5047371	
NA	ENSG00000260755	0	NA	NA	NA	NA	
NA	ENSG00000260756	0	NA	NA	NA	NA	
NA	ENSG00000260757	0.63785197	-0.01507651	0.38324651	0.71346495	NA	
NA	ENSG00000260759	0	NA	NA	NA	NA	
NA	ENSG00000260761	0	NA	NA	NA	NA	
NA	ENSG00000260762	0	NA	NA	NA	NA	ACSM5P1
NA	ENSG00000260763	0	NA	NA	NA	NA	
NA	ENSG00000260764	0	NA	NA	NA	NA	
NA	ENSG00000260765	2.94515865	0.17133363	0.43217572	0.066819	0.185353	CES1P2
NA	ENSG00000260771	0	NA	NA	NA	NA	
NA	ENSG00000260772	45.3104619	-0.35700397	0.39831529	0.11981143	0.2848824	
NA	ENSG00000260773	3.67408088	-0.08710914	0.38020406	0.4402794	0.66517856	
NA	ENSG00000260774	36.5071609	-0.05560212	0.27498509	0.77207762	0.89539725	
NA	ENSG00000260776	0.67043989	0.0207786	0.38371408	0.6280111	NA	
NA	ENSG00000260777	2.79224551	-0.02180456	0.37076557	0.82931754	0.92261925	
106660606	ENSG00000260778	9.94714249	0.16885598	0.38022725	0.32082675	0.54867706	
101927410	ENSG00000260779	0	NA	NA	NA	NA	
NA	ENSG00000260780	0	NA	NA	NA	NA	
NA	ENSG00000260781	0	NA	NA	NA	NA	ARHGAP23P1
NA	ENSG00000260782	1.36659187	-0.09385635	0.39950437	0.094182	NA	
NA	ENSG00000260784	0	NA	NA	NA	NA	
101928165	ENSG00000260785	0	NA	NA	NA	NA	CASC17

NA	ENSG00000260786	0	NA	NA	NA	NA	
NA	ENSG00000260788	0	NA	NA	NA	NA	
440346	ENSG00000260790	0.78896133	0.0019748	0.38127541	0.95953469	NA	CDR2-DT
101929634	ENSG00000260792	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02280
NA	ENSG00000260793	37.2706889	0.391824	0.37095771	0.09568305	0.24127501	
NA	ENSG00000260795	0	NA	NA	NA	NA	
NA	ENSG00000260796	0	NA	NA	NA	NA	
NA	ENSG00000260797	0	NA	NA	NA	NA	
NA	ENSG00000260798	0	NA	NA	NA	NA	
NA	ENSG00000260799	0.33471731	0.02354391	0.38534154	0.62842204	NA	KRT8P50
401613	ENSG00000260802	37.3283726	3.81087203	0.51893327	2.11E-14	5.47E-13	SERTM2
NA	ENSG00000260803	0.44920417	-0.02727378	0.38571094	0.56235371	NA	
150967	ENSG00000260804	489.786965	-0.42780152	0.12127973	0.00019923	0.00141778	LINC01963
NA	ENSG00000260805	58.7480502	0.01251879	0.24133124	0.94844106	0.97876335	
NA	ENSG00000260806	18.869844	0.22500312	0.36307098	0.26668175	0.48908911	PAPOLA-DT
115804232	ENSG00000260807	0	NA	NA	NA	NA	CEROX1
NA	ENSG00000260808	2.97157157	0.04275018	0.37213552	0.68831616	0.8486324	
NA	ENSG00000260809	0	NA	NA	NA	NA	VPS35P1
NA	ENSG00000260810	3.32075108	-0.05115874	0.37458971	0.6171499	0.80395958	
403257	ENSG00000260811	0	NA	NA	NA	NA	OR4C45
NA	ENSG00000260812	0	NA	NA	NA	NA	RARRES2P7
NA	ENSG00000260814	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000260815	0	NA	NA	NA	NA	PPIAP47
NA	ENSG00000260816	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000260817	0	NA	NA	NA	NA	
NA	ENSG00000260818	0	NA	NA	NA	NA	UNGP1
NA	ENSG00000260823	0	NA	NA	NA	NA	
NA	ENSG00000260827	0	NA	NA	NA	NA	
NA	ENSG00000260828	0	NA	NA	NA	NA	HMGB3P32
NA	ENSG00000260830	1.1339297	0.01762047	0.37999561	0.78486336	NA	
101928417	ENSG00000260832	0	NA	NA	NA	NA	
NA	ENSG00000260834	0	NA	NA	NA	NA	
NA	ENSG00000260835	0	NA	NA	NA	NA	
NA	ENSG00000260836	5.76536173	0.12831742	0.38585523	0.34437784	0.57468722	
NA	ENSG00000260838	0	NA	NA	NA	NA	
100996478	ENSG00000260840	0	NA	NA	NA	NA	LINC01964
NA	ENSG00000260844	0.33904551	0.00242522	0.38338116	0.96530345	NA	
NA	ENSG00000260845	0	NA	NA	NA	NA	

NA	ENSG00000260846	0	NA	NA	NA	NA	FRG2HP
NA	ENSG00000260847	0	NA	NA	NA	NA	
NA	ENSG00000260848	0	NA	NA	NA	NA	
NA	ENSG00000260850	0	NA	NA	NA	NA	
NA	ENSG00000260851	0	NA	NA	NA	NA	
283932	ENSG00000260852	274.714606	0.35025376	0.15388856	0.01296713	0.05135086	FBXL19-AS1
NA	ENSG00000260853	140.119077	-0.05294224	0.1877051	0.74558649	0.88008306	
NA	ENSG00000260854	0	NA	NA	NA	NA	LINC02184
NA	ENSG00000260855	40.9181432	0.31735865	0.31404387	0.14589533	0.32651588	
NA	ENSG00000260857	7.03271889	-0.01518069	0.35056187	0.91489338	0.9640318	
NA	ENSG00000260858	0	NA	NA	NA	NA	
NA	ENSG00000260859	0	NA	NA	NA	NA	
NA	ENSG00000260860	0	NA	NA	NA	NA	
NA	ENSG00000260861	0	NA	NA	NA	NA	
101928446	ENSG00000260862	0	NA	NA	NA	NA	
NA	ENSG00000260863	0	NA	NA	NA	NA	CYP2C60P
NA	ENSG00000260864	0	NA	NA	NA	NA	ABHD17AP7
NA	ENSG00000260865	0	NA	NA	NA	NA	
NA	ENSG00000260866	0	NA	NA	NA	NA	
NA	ENSG00000260867	0	NA	NA	NA	NA	
100128905	ENSG00000260868	1.70133718	0.06124056	0.38352508	0.44253994	NA	LINC01960
NA	ENSG00000260870	0	NA	NA	NA	NA	NDUFB10P1
NA	ENSG00000260871	1.6537658	0.02096565	0.38026408	0.74398191	NA	
105371050	ENSG00000260874	12.5201956	0.04553731	0.34245908	0.7790758	0.89891619	
101928248	ENSG00000260876	2.58191509	-0.01426531	0.37487837	0.86370289	0.93962084	LINC01229
NA	ENSG00000260877	0	NA	NA	NA	NA	
NA	ENSG00000260878	0	NA	NA	NA	NA	
NA	ENSG00000260879	39.8660215	-0.06111344	0.29151277	0.74890927	0.88205755	
283902	ENSG00000260880	0.9378279	-0.01101457	0.38080412	0.84519532	NA	HCCAT5
NA	ENSG00000260882	0	NA	NA	NA	NA	
NA	ENSG00000260883	0	NA	NA	NA	NA	VN1R65P
NA	ENSG00000260884	24.1706052	0.01520549	0.30565638	0.93685554	0.97351594	
100132529	ENSG00000260886	1.19711974	0.03962878	0.38202991	0.5324653	NA	TAT-AS1
283854	ENSG00000260887	0	NA	NA	NA	NA	CASC22
NA	ENSG00000260889	0	NA	NA	NA	NA	CKBP1
NA	ENSG00000260891	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000260892	1.00415192	0.04322574	0.38779947	0.2717111	NA	
NA	ENSG00000260894	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

NA	ENSG00000260895	0.53612843	0.03213502	0.38615518	0.46295649	NA	
100996425	ENSG00000260896	0.57187502	-0.01409516	0.38350286	0.89115711	NA	ARLNC1
NA	ENSG00000260897	0	NA	NA	NA	NA	DNMIP30
100287559	ENSG00000260898	9.19320035	0.04187363	0.3517463	0.77849769	0.89861498	ADPGK-AS1
NA	ENSG00000260899	18.5774562	0.24013861	0.42960782	0.17191581	0.36451957	
NA	ENSG00000260900	0	NA	NA	NA	NA	
152274	ENSG00000260902	0	NA	NA	NA	NA	LINC02011
343702	ENSG00000260903	920.182591	-2.11381518	0.09592725	9.58E-109	3.17E-106	XKR7
NA	ENSG00000260905	0	NA	NA	NA	NA	LINC02890
NA	ENSG00000260907	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000260908	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000260909	0	NA	NA	NA	NA	
NA	ENSG00000260910	0.84660176	0.01543683	0.38112855	0.78418667	NA	LINC00565
NA	ENSG00000260911	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000260912	33.5050984	0.19539389	0.30116433	0.34004935	0.57043876	
101927350	ENSG00000260913	0	NA	NA	NA	NA	LINC01254
NA	ENSG00000260914	186.697421	-0.15662557	0.22047501	0.38722622	0.61623231	
9236	ENSG00000260916	682.053959	0.65628838	0.12071557	1.39E-08	2.05E-07	CCPG1
103344931	ENSG00000260917	304.697818	-0.05703906	0.13235801	0.64618981	0.82370422	
NA	ENSG00000260918	6.33305719	1.12716665	2.37339606	0.01112986	0.04529569	
NA	ENSG00000260919	0.47443056	-0.00899004	0.38283586	0.85018793	NA	
NA	ENSG00000260920	189.888803	0.18274967	0.18162387	0.25504652	0.47579905	
NA	ENSG00000260921	0	NA	NA	NA	NA	
NA	ENSG00000260922	0.60003087	-0.03562254	0.38653685	0.43872604	NA	
NA	ENSG00000260923	46.3389354	0.15194094	0.28891405	0.44675021	0.67086922	LINC02193
NA	ENSG00000260924	26.3896983	0.02887676	0.29247299	0.88141923	0.94772508	LINC01311
105370791	ENSG00000260926	0.41574043	-0.01398773	0.38398283	0.86439004	NA	
101927556	ENSG00000260927	199.49956	0.11700329	0.22966526	0.52927585	0.7410086	
NA	ENSG00000260928	0	NA	NA	NA	NA	SPCS2P1
101927273	ENSG00000260930	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01416
NA	ENSG00000260932	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000260933	0	NA	NA	NA	NA	
NA	ENSG00000260934	0	NA	NA	NA	NA	
105370829	ENSG00000260937	0	NA	NA	NA	NA	
NA	ENSG00000260939	0	NA	NA	NA	NA	
644242	ENSG00000260941	3.18258199	-0.0191816	0.37119527	0.84716096	0.93052693	LINC00622
NA	ENSG00000260942	69.9506068	-0.39514857	0.27295699	0.06061962	0.17270151	CAPN10-DT
NA	ENSG00000260943	0	NA	NA	NA	NA	LINC02555

103752587	ENSG00000260944	0	NA	NA	NA	NA	FOXC2-AS1
NA	ENSG00000260945	0	NA	NA	NA	NA	
NA	ENSG00000260947	202.500441	-0.11112133	0.16217351	0.44876614	0.67234598	
NA	ENSG00000260948	18.3068872	0.2373868	0.36734996	0.2466826	0.4658021	
NA	ENSG00000260949	13.0603514	0.21007952	0.38942872	0.25639815	0.47756244	
NA	ENSG00000260951	0	NA	NA	NA	NA	
NA	ENSG00000260953	2.38176112	-0.05055614	0.37683816	0.59667845	NA	
NA	ENSG00000260954	0.86799414	0.04372684	0.38484878	0.41142435	NA	
NA	ENSG00000260955	1.5681622	0.02082389	0.37787293	0.78420999	NA	
NA	ENSG00000260957	0	NA	NA	NA	NA	
105371200	ENSG00000260958	9.87564547	1.13510745	1.33211439	0.01094676	0.04467526	
NA	ENSG00000260959	0	NA	NA	NA	NA	
100861544	ENSG00000260962	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC00557
105371264	ENSG00000260963	0	NA	NA	NA	NA	
NA	ENSG00000260965	0	NA	NA	NA	NA	RPL23AP91
NA	ENSG00000260966	0	NA	NA	NA	NA	
NA	ENSG00000260967	0.52054256	0.03137322	0.38607787	0.47415245	NA	RARRES2P5
NA	ENSG00000260969	0	NA	NA	NA	NA	WWOX-AS1
NA	ENSG00000260970	0	NA	NA	NA	NA	
NA	ENSG00000260971	15.7806411	-0.207647	0.40582823	0.21937304	0.43139669	
NA	ENSG00000260972	0	NA	NA	NA	NA	
NA	ENSG00000260973	0	NA	NA	NA	NA	
NA	ENSG00000260974	0	NA	NA	NA	NA	
NA	ENSG00000260975	0	NA	NA	NA	NA	
NA	ENSG00000260976	0	NA	NA	NA	NA	LINC01633
NA	ENSG00000260978	4.00431813	0.04957865	0.36798009	0.68039518	0.84380894	
NA	ENSG00000260979	0.55454578	0.03301932	0.38624731	0.45029168	NA	USP7-AS1
NA	ENSG00000260981	0	NA	NA	NA	NA	
NA	ENSG00000260983	0	NA	NA	NA	NA	
NA	ENSG00000260984	1.38447571	0.03484852	0.38023165	0.62917586	NA	FGFR3P5
NA	ENSG00000260986	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000260988	1.63718601	-0.01447297	0.37708522	0.85097867	NA	
105371046	ENSG00000260989	0.85528758	-0.00518191	0.38134752	0.92121163	NA	
NA	ENSG00000260990	0	NA	NA	NA	NA	
NA	ENSG00000260991	0	NA	NA	NA	NA	
NA	ENSG00000260992	4.62435486	0.04325384	0.36569343	0.72602833	0.86899144	DOCK9-DT
NA	ENSG00000260994	0	NA	NA	NA	NA	AGGF1P7
101927450	ENSG00000260995	0.173733	0.01914545	0.38484597	0.78225479	NA	

NA	ENSG00000260996	18.4990551	-0.7643772	0.65687381	0.0198997	0.07266889	
NA	ENSG00000260997	1.16318538	0.04207087	0.38320419	0.50446739	NA	
NA	ENSG00000260999	0	NA	NA	NA	NA	
NA	ENSG00000261000	0	NA	NA	NA	NA	
NA	ENSG00000261002	0	NA	NA	NA	NA	VPS39-DT
NA	ENSG00000261003	2.64648113	0.07913236	0.38714796	0.34954609	0.58004303	
NA	ENSG00000261007	0	NA	NA	NA	NA	NPM1P3
101927957	ENSG00000261008	71.0976606	-0.12408605	0.25344979	0.51891031	0.73244028	LINC01572
NA	ENSG00000261009	0	NA	NA	NA	NA	
NA	ENSG00000261010	7.72132893	0.34845792	0.5461653	0.0678509	0.18727905	RARRES2P6
NA	ENSG00000261011	0.14931947	-0.01844332	0.38480212	0.84537521	NA	AGAP11
NA	ENSG00000261012	0	NA	NA	NA	NA	
101927629	ENSG00000261014	0	NA	NA	NA	NA	LINC02165
NA	ENSG00000261017	0	NA	NA	NA	NA	
NA	ENSG00000261018	3.02410255	0.06215991	0.37708309	0.54625333	0.75345287	
NA	ENSG00000261019	17.1578305	0.06556191	0.3210408	0.72040877	0.86655208	
NA	ENSG00000261020	0.81045904	-0.00594402	0.38077573	0.91645287	NA	
100288079	ENSG00000261024	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000261025	0	NA	NA	NA	NA	
NA	ENSG00000261026	0.55195815	0.03289656	0.38623441	0.4520244	NA	
NA	ENSG00000261028	0	NA	NA	NA	NA	
NA	ENSG00000261029	0	NA	NA	NA	NA	MPHOSPH6-DT
NA	ENSG00000261030	0	NA	NA	NA	NA	
NA	ENSG00000261033	7.13384677	0.26728551	0.47133094	0.10546079	0.25898528	SPECC1-DT
NA	ENSG00000261035	0	NA	NA	NA	NA	
NA	ENSG00000261036	0	NA	NA	NA	NA	
NA	ENSG00000261037	0.68898111	0.02235485	0.38385576	0.60680167	NA	
NA	ENSG00000261038	0	NA	NA	NA	NA	
NA	ENSG00000261039	0	NA	NA	NA	NA	LINC02544
NA	ENSG00000261040	0.65054372	-0.0107426	0.38290306	0.76385027	NA	WFDC21P
NA	ENSG00000261041	0	NA	NA	NA	NA	
NA	ENSG00000261043	0	NA	NA	NA	NA	
NA	ENSG00000261044	0.495763	-0.0295056	0.38590254	0.52557378	NA	
NA	ENSG00000261045	0	NA	NA	NA	NA	LINC02129
NA	ENSG00000261046	21.7533921	0.30220047	0.37997779	0.16840212	0.35960585	C2orf69P1
NA	ENSG00000261047	0	NA	NA	NA	NA	
NA	ENSG00000261048	0	NA	NA	NA	NA	
NA	ENSG00000261049	0	NA	NA	NA	NA	

NA	ENSG00000261051	0	NA	NA	NA	NA	
6818	ENSG00000261052	85.121557	0.41519516	0.30735064	0.06400191	0.17978167	SULT1A3
NA	ENSG00000261053	0	NA	NA	NA	NA	NAMPTP3
NA	ENSG00000261054	0.69249601	-0.03077728	0.38619256	0.44510896	NA	
NA	ENSG00000261055	0	NA	NA	NA	NA	
NA	ENSG00000261056	7.99077539	0.05929099	0.35084331	0.70090533	0.85575596	
NA	ENSG00000261057	0	NA	NA	NA	NA	LINC00555
NA	ENSG00000261058	0	NA	NA	NA	NA	
NA	ENSG00000261060	0	NA	NA	NA	NA	
NA	ENSG00000261061	0	NA	NA	NA	NA	
NA	ENSG00000261063	0	NA	NA	NA	NA	
NA	ENSG00000261064	26.080089	0.49257681	0.44319866	0.05621795	0.16294581	LINC02256
NA	ENSG00000261065	0	NA	NA	NA	NA	
NA	ENSG00000261066	0	NA	NA	NA	NA	
NA	ENSG00000261067	57.5237345	0.46499419	0.29450085	0.03731704	0.11917383	
NA	ENSG00000261068	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000261069	27.0683535	-0.90001742	0.60835393	0.01039882	0.04275023	
338694	ENSG00000261070	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000261071	0	NA	NA	NA	NA	
NA	ENSG00000261072	0.66404977	-0.02226877	0.38323609	0.64943926	NA	
104266959	ENSG00000261075	0	NA	NA	NA	NA	LINC01195
NA	ENSG00000261076	0	NA	NA	NA	NA	
NA	ENSG00000261077	0	NA	NA	NA	NA	
NA	ENSG00000261078	0	NA	NA	NA	NA	
NA	ENSG00000261079	6.57748463	0.04209372	0.3585218	0.76026413	0.88889389	
NA	ENSG00000261080	0	NA	NA	NA	NA	RUNX2-AS1
NA	ENSG00000261081	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000261082	0	NA	NA	NA	NA	LINC01228
101927087	ENSG00000261083	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC02516
NA	ENSG00000261084	0	NA	NA	NA	NA	PPP1R1AP2
NA	ENSG00000261087	22.295637	0.04539462	0.30349267	0.81141854	0.9146069	ZNNT1
NA	ENSG00000261089	4.39810829	0.03912912	0.36771659	0.73752799	0.8759911	CDC37P2
112268176	ENSG00000261090	0	NA	NA	NA	NA	
105371248	ENSG00000261092	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02178
NA	ENSG00000261093	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
NA	ENSG00000261094	32.7682142	-0.1514333	0.29202787	0.4474351	0.67133875	
101928708	ENSG00000261095	0	NA	NA	NA	NA	
NA	ENSG00000261096	5.16841124	0.03475456	0.3598425	0.79448287	0.90579008	

100861554	ENSG00000261097	0	NA	NA	NA	NA	LINC00563
NA	ENSG00000261098	55.7146459	-0.38466756	0.31376088	0.08525383	0.22149194	
NA	ENSG00000261101	8.47754317	-0.04806162	0.35068385	0.747534	0.88138554	
NA	ENSG00000261102	0	NA	NA	NA	NA	ATP5MFP6
NA	ENSG00000261103	0	NA	NA	NA	NA	
NA	ENSG00000261104	0	NA	NA	NA	NA	
101927155	ENSG00000261105	20.1238817	0.30830727	0.3979257	0.15792349	0.34494256	LMO7-AS1
NA	ENSG00000261108	0	NA	NA	NA	NA	
NA	ENSG00000261111	0	NA	NA	NA	NA	
NA	ENSG00000261113	3.54016281	-0.01578668	0.36887217	0.88010849	0.94683492	
NA	ENSG00000261114	27.0368807	1.60001013	0.54497772	0.00019942	0.00141863	
100507421	ENSG00000261115	1362.59464	-1.14314304	0.07870615	9.56E-49	8.99E-47	TMEM178B
NA	ENSG00000261116	0	NA	NA	NA	NA	
NA	ENSG00000261117	0	NA	NA	NA	NA	
NA	ENSG00000261118	3.39979845	-0.04615021	0.3712368	0.67344769	0.83953925	
NA	ENSG00000261120	0.7010181	0.00149289	0.38181681	0.97395823	NA	
107986266	ENSG00000261121	0	NA	NA	NA	NA	LINC02473
400533	ENSG00000261122	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC02167
NA	ENSG00000261123	4.9660863	-0.01299831	0.36264776	0.91261643	0.96264321	
NA	ENSG00000261124	2.18022909	0.02521053	0.37478399	0.78100618	NA	
NA	ENSG00000261126	32.3219663	0.27861212	0.3378824	0.19833333	0.40259191	RBFADN
NA	ENSG00000261127	34.7861921	0.05007278	0.28208117	0.7969738	0.90670108	
NA	ENSG00000261129	0	NA	NA	NA	NA	
255027	ENSG00000261130	15.2215489	-0.07700485	0.32944455	0.66456963	0.83444869	
NA	ENSG00000261131	0	NA	NA	NA	NA	
NA	ENSG00000261135	34.7335159	0.04722778	0.28159531	0.80850019	0.91317199	
NA	ENSG00000261136	15.6406456	-0.44041742	0.53409062	0.06904725	0.18952649	
NA	ENSG00000261140	20.8055585	0.13429852	0.3245464	0.48649877	0.7063832	
NA	ENSG00000261141	1.3442494	0.06386273	0.38635529	0.36572383	NA	
NA	ENSG00000261143	55.3441506	-0.0918237	0.33351845	0.5973977	0.78921427	ADAMTS7P3
NA	ENSG00000261144	0	NA	NA	NA	NA	
NA	ENSG00000261145	0	NA	NA	NA	NA	
NA	ENSG00000261146	0.97764185	-0.01845771	0.38081167	0.75780858	NA	
NA	ENSG00000261147	6.39769539	0.05196335	0.36169603	0.70014073	0.85541355	
83481	ENSG00000261150	11.9537508	0.0619078	0.34342807	0.70620528	0.85836628	EPPK1
NA	ENSG00000261151	0	NA	NA	NA	NA	
NA	ENSG00000261153	0	NA	NA	NA	NA	
NA	ENSG00000261154	0	NA	NA	NA	NA	LINC02131

101927239	ENSG00000261156	0	NA	NA	NA	NA	LINC01989
NA	ENSG00000261158	5.45622828	-0.21768886	0.44026137	0.13339811	0.30710356	
NA	ENSG00000261159	25.2670297	-0.35841733	0.40348895	0.11884155	0.28318716	
NA	ENSG00000261161	0	NA	NA	NA	NA	
NA	ENSG00000261166	1.93330938	0.01422887	0.376896	0.85780573	NA	
NA	ENSG00000261167	42.0319292	-0.28818277	0.32235979	0.18203976	0.37980817	
NA	ENSG00000261168	12.3268727	0.04161631	0.33911272	0.80171085	0.90927476	
107984827	ENSG00000261170	10.4996127	-0.06649649	0.35154379	0.66498621	0.83454529	
NA	ENSG00000261172	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000261173	0.97105169	-0.0675702	0.39188489	0.19680879	NA	DNAJA2-DT
NA	ENSG00000261174	0.29863895	-0.02292439	0.3852726	0.68753245	NA	HMGB1P33
NA	ENSG00000261175	0	NA	NA	NA	NA	LINC02188
NA	ENSG00000261177	0	NA	NA	NA	NA	
NA	ENSG00000261178	0	NA	NA	NA	NA	
NA	ENSG00000261181	0	NA	NA	NA	NA	
NA	ENSG00000261182	0	NA	NA	NA	NA	
NA	ENSG00000261183	2.00269742	0.02288537	0.37971044	0.73613809	NA	SPINT1-AS1
101928618	ENSG00000261184	0	NA	NA	NA	NA	
102723927	ENSG00000261186	2.96372977	-0.02080479	0.37321185	0.82331772	0.91945578	LINC01238
NA	ENSG00000261187	5.42974902	-0.02174108	0.35789981	0.86863433	0.94267349	
NA	ENSG00000261188	101.763771	0.04900824	0.20095226	0.77616933	0.89709598	TFIP11-DT
NA	ENSG00000261189	0	NA	NA	NA	NA	
NA	ENSG00000261190	0	NA	NA	NA	NA	C16orf97
NA	ENSG00000261191	0	NA	NA	NA	NA	
376412	ENSG00000261192	0	NA	NA	NA	NA	RNF126P1
NA	ENSG00000261193	19.0810272	-0.46273301	0.5143794	0.06504115	0.18187757	
NA	ENSG00000261194	0	NA	NA	NA	NA	LINC01898
NA	ENSG00000261195	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000261196	0	NA	NA	NA	NA	CYP4A43P
NA	ENSG00000261197	0	NA	NA	NA	NA	
NA	ENSG00000261198	0	NA	NA	NA	NA	
NA	ENSG00000261199	0	NA	NA	NA	NA	UBE2FP2
NA	ENSG00000261200	0.64043005	-0.02515088	0.38296366	0.63689777	NA	
114841040	ENSG00000261202	0.34050778	-0.00031986	0.38336256	0.96828459	NA	TNRC6B-DT
NA	ENSG00000261203	0	NA	NA	NA	NA	
NA	ENSG00000261204	1.80409064	0.01997907	0.37826465	0.78881816	NA	
NA	ENSG00000261205	0	NA	NA	NA	NA	NIFKP4
100861545	ENSG00000261206	0	NA	NA	NA	NA	LINC00561

	NA	ENSG00000261207	5.44540591	0.13168048	0.38796224	0.32989524	0.55861736	
	NA	ENSG00000261208	0	NA	NA	NA	NA	
	NA	ENSG00000261209	0	NA	NA	NA	NA	SULT1C2P2
728276		ENSG00000261210	0	NA	NA	NA	NA	CLEC19A
	NA	ENSG00000261211	14.2785019	0.09441079	0.34122704	0.58767259	0.78270018	
	NA	ENSG00000261213	0	NA	NA	NA	NA	
	NA	ENSG00000261215	19.3769598	0.04461299	0.31741957	0.80779876	0.91309978	
	NA	ENSG00000261216	0.62219329	-0.03610973	0.38660519	0.42846553	NA	
	NA	ENSG00000261217	0	NA	NA	NA	NA	BCAP31P1
	NA	ENSG00000261218	0	NA	NA	NA	NA	
	NA	ENSG00000261219	0	NA	NA	NA	NA	
	NA	ENSG00000261220	2.95673313	-0.07489761	0.38457972	0.40360248	0.63160382	ST3GAL1-DT
100507290		ENSG00000261221	745.425285	0.147872	0.09978452	0.12455278	0.29271822	ZNF865
	NA	ENSG00000261222	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
	NA	ENSG00000261226	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000261227	0.70870098	0.00146477	0.38180067	0.97449993	NA	
	NA	ENSG00000261229	0	NA	NA	NA	NA	
101927132		ENSG00000261231	0.50207596	0.02562368	0.38565771	0.52549886	NA	LINC02133
	NA	ENSG00000261232	0	NA	NA	NA	NA	
	NA	ENSG00000261233	0	NA	NA	NA	NA	ABCD1P3
	NA	ENSG00000261234	0	NA	NA	NA	NA	
	NA	ENSG00000261235	0	NA	NA	NA	NA	
23246		ENSG00000261236	1725.61412	-0.4076797	0.0718498	7.34E-09	1.12E-07	BOP1
	NA	ENSG00000261238	0	NA	NA	NA	NA	
	NA	ENSG00000261239	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ANKRD26P1
	NA	ENSG00000261240	1.35496915	0.0679195	0.39014242	0.22975993	NA	
112267895		ENSG00000261241	0	NA	NA	NA	NA	LINC02128
	NA	ENSG00000261242	0.91240262	-0.0368317	0.38446803	0.47192994	NA	
	NA	ENSG00000261243	0.31671352	0.00111312	0.38336653	0.96718801	NA	
	NA	ENSG00000261244	0	NA	NA	NA	NA	
	NA	ENSG00000261245	0	NA	NA	NA	NA	
653075		ENSG00000261247	25.4306684	0.23388304	0.34555151	0.26161508	0.48355163	GOLGA8T
653125		ENSG00000261247	25.4306684	0.23388304	0.34555151	0.26161508	0.48355163	GOLGA8T
	NA	ENSG00000261248	0	NA	NA	NA	NA	
101929288		ENSG00000261249	0	NA	NA	NA	NA	LINC01751
	NA	ENSG00000261250	0	NA	NA	NA	NA	
	NA	ENSG00000261251	7.73164329	0.01258843	0.34963897	0.93380554	0.97237716	EFCAB6-DT
	NA	ENSG00000261253	0.85512851	0.02491856	0.38369339	0.54096949	NA	

NA	ENSG00000261257	0	NA	NA	NA	NA	
NA	ENSG00000261259	0	NA	NA	NA	NA	
102723786	ENSG00000261260	0	NA	NA	NA	NA	
NA	ENSG00000261261	0	NA	NA	NA	NA	
NA	ENSG00000261263	0	NA	NA	NA	NA	
NA	ENSG00000261265	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
NA	ENSG00000261266	1.56988802	-0.01212652	0.37947966	0.85198869	NA	
NA	ENSG00000261267	0	NA	NA	NA	NA	
NA	ENSG00000261268	0	NA	NA	NA	NA	
NA	ENSG00000261269	0	NA	NA	NA	NA	
NA	ENSG00000261270	20.4659921	1.06232578	0.61142786	0.00545971	0.02509744	
100507679	ENSG00000261272	0	NA	NA	NA	NA	MUC22
NA	ENSG00000261273	2.69711926	-0.04237329	0.37559826	0.65489382	0.82814932	
NA	ENSG00000261274	0.173124	-0.01911262	0.38486262	0.84537521	NA	TP53TG3GP
NA	ENSG00000261275	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000261276	0	NA	NA	NA	NA	
NA	ENSG00000261278	0	NA	NA	NA	NA	
89838	ENSG00000261279	39.8116338	0.91378049	0.64847323	0.01094889	0.04467526	ULK4P1
NA	ENSG00000261281	0	NA	NA	NA	NA	
NA	ENSG00000261282	0	NA	NA	NA	NA	SOD1P2
NA	ENSG00000261284	0	NA	NA	NA	NA	RBM22P13
NA	ENSG00000261285	0	NA	NA	NA	NA	
105371374	ENSG00000261286	3.46222185	0.12625802	0.40187083	0.20484032	0.41169887	ATP2C2-AS1
NA	ENSG00000261288	2.00338384	-0.03733551	0.38315542	0.52708243	NA	
NA	ENSG00000261289	0	NA	NA	NA	NA	
NA	ENSG00000261290	0	NA	NA	NA	NA	CYP4A44P
NA	ENSG00000261291	0	NA	NA	NA	NA	
NA	ENSG00000261292	12.7609311	-5.31635518	1.41411577	7.66E-06	7.44E-05	
NA	ENSG00000261293	0	NA	NA	NA	NA	
NA	ENSG00000261294	0	NA	NA	NA	NA	
NA	ENSG00000261296	0	NA	NA	NA	NA	
NA	ENSG00000261298	0	NA	NA	NA	NA	
NA	ENSG00000261299	0	NA	NA	NA	NA	C2orf69P3
105371286	ENSG00000261302	0.62081023	-0.00994658	0.38237221	0.78765842	NA	NUP93-DT
NA	ENSG00000261303	8.70707208	0.27172119	0.48582309	0.07924277	0.20999175	
NA	ENSG00000261304	0	NA	NA	NA	NA	LINC02252
NA	ENSG00000261305	2.97846948	0.11714985	0.39536613	0.26234085	0.48430654	
NA	ENSG00000261307	0	NA	NA	NA	NA	

401720	ENSG00000261308	213.613186	-0.26016028	0.15956035	0.07229262	0.19588883	FIGNL2
NA	ENSG00000261310	0	NA	NA	NA	NA	
NA	ENSG00000261312	0.94080326	-0.01220327	0.38211885	0.802381	NA	
NA	ENSG00000261313	0	NA	NA	NA	NA	
NA	ENSG00000261314	0.32392773	-0.02327383	0.38532146	0.66854888	NA	
NA	ENSG00000261315	0.18922458	0.01954053	0.38488496	0.78225479	NA	LARP4P
107985280	ENSG00000261316	0	NA	NA	NA	NA	LINC01834
NA	ENSG00000261318	0.54874555	0.03274007	0.38621769	0.45428733	NA	DIS3L-AS1
NA	ENSG00000261319	0	NA	NA	NA	NA	LINC02152
NA	ENSG00000261320	1.29497252	-0.04210146	0.38264343	0.52175189	NA	
NA	ENSG00000261324	57.2443267	0.00398608	0.23892871	0.98449406	0.99457273	
100507534	ENSG00000261325	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02192
NA	ENSG00000261326	161.537618	-0.13685369	0.23150325	0.45919867	0.68252693	LINC01355
NA	ENSG00000261327	3.81894878	-0.04142627	0.36970342	0.70975912	0.860757	
NA	ENSG00000261329	4.2328376	-0.02360883	0.36819897	0.82784484	0.92210075	
NA	ENSG00000261330	0.18922458	0.01954053	0.38488496	0.78225479	NA	PPIAP50
NA	ENSG00000261332	0	NA	NA	NA	NA	
NA	ENSG00000261333	0	NA	NA	NA	NA	CD24P2
NA	ENSG00000261334	0	NA	NA	NA	NA	
105274304	ENSG00000261335	15.5085646	-0.07443754	0.32802086	0.67546958	0.84111426	
NA	ENSG00000261336	0	NA	NA	NA	NA	EIF4BP5
NA	ENSG00000261338	11.3006217	-0.19169672	0.38356452	0.28463137	0.50987892	
106456574	ENSG00000261340	0	NA	NA	NA	NA	LINC01616
105372440	ENSG00000261341	0.95706674	0.01506193	0.38139987	0.7844682	NA	
NA	ENSG00000261342	34.4117902	0.00796543	0.27417959	0.96884661	0.98832416	
NA	ENSG00000261346	0	NA	NA	NA	NA	
NA	ENSG00000261347	0	NA	NA	NA	NA	
NA	ENSG00000261348	0	NA	NA	NA	NA	LINC02136
NA	ENSG00000261349	2.25806745	0.0733417	0.38482817	0.39892164	NA	
NA	ENSG00000261350	2.05084922	-6.34E-06	0.37717487	0.99830404	NA	
NA	ENSG00000261351	29.3667381	0.51322025	0.41804067	0.04732338	0.14258101	
NA	ENSG00000261356	0	NA	NA	NA	NA	
NA	ENSG00000261357	0.49178678	0.01489879	0.38314671	0.7491654	NA	
100652740	ENSG00000261359	0	NA	NA	NA	NA	PYCARD-AS1
728178	ENSG00000261360	10.8364585	-0.17889718	0.40026304	0.24791996	0.466983	OTULIN-DT
NA	ENSG00000261362	0	NA	NA	NA	NA	
NA	ENSG00000261363	0	NA	NA	NA	NA	
NA	ENSG00000261364	0	NA	NA	NA	NA	

NA	ENSG00000261365	0	NA	NA	NA	NA	
101927288	ENSG00000261366	16.9333289	-0.01933163	0.32059778	0.91146514	0.96229611	MANEA-DT
NA	ENSG00000261367	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000261368	0	NA	NA	NA	NA	
NA	ENSG00000261369	0	NA	NA	NA	NA	
5175	ENSG00000261371	0	NA	NA	NA	NA	PECAM1
100128881	ENSG00000261373	388.802174	0.11144869	0.13101725	0.3653943	0.5947154	VPS9D1-AS1
NA	ENSG00000261375	0	NA	NA	NA	NA	
NA	ENSG00000261376	0	NA	NA	NA	NA	
NA	ENSG00000261377	231.306929	0.00433218	0.15074256	0.97616371	0.99170916	PDCD6IPP2
NA	ENSG00000261379	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000261382	0	NA	NA	NA	NA	
NA	ENSG00000261384	0	NA	NA	NA	NA	
NA	ENSG00000261385	0	NA	NA	NA	NA	
NA	ENSG00000261386	3.05133995	0.09364603	0.38558724	0.37686631	0.60570261	
102467146	ENSG00000261390	4.3603493	0.20849298	0.44586465	0.08819955	0.22696227	MAFTRR
NA	ENSG00000261391	0	NA	NA	NA	NA	
NA	ENSG00000261392	0	NA	NA	NA	NA	
NA	ENSG00000261393	0	NA	NA	NA	NA	
101927227	ENSG00000261394	0	NA	NA	NA	NA	
NA	ENSG00000261395	0	NA	NA	NA	NA	HSPE1P5
NA	ENSG00000261396	0.4503438	-0.02732946	0.3857155	0.56141038	NA	
104355218	ENSG00000261397	0	NA	NA	NA	NA	LINC01177
112268173	ENSG00000261398	0	NA	NA	NA	NA	
NA	ENSG00000261399	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000261400	0.81839637	-0.04645364	0.388026	0.31280601	NA	
NA	ENSG00000261401	2.36451145	-0.02093317	0.37866398	0.7700679	NA	HERC2P1
NA	ENSG00000261402	0.34034035	0.00231272	0.38337937	0.96560714	NA	
NA	ENSG00000261403	0.37844916	0.02407552	0.3854191	0.60038877	NA	
101928035	ENSG00000261404	0.65771928	0.00785724	0.38247208	0.86438943	NA	PSMD7-DT
NA	ENSG00000261405	0	NA	NA	NA	NA	
NA	ENSG00000261407	0	NA	NA	NA	NA	
100529145	ENSG00000261408	264.720221	0.19713976	0.18081798	0.21700311	0.42826437	TEN1-CDK3
NA	ENSG00000261410	0	NA	NA	NA	NA	
NA	ENSG00000261411	0	NA	NA	NA	NA	
NA	ENSG00000261416	1.29252599	0.00370974	0.37905382	0.9559107	NA	CORO1A-AS1
NA	ENSG00000261418	1.05150037	0.07242877	0.39322591	0.15560357	NA	HERC2P6
NA	ENSG00000261419	0	NA	NA	NA	NA	

NA	ENSG00000261420	23.7707711	-0.03751587	0.30806079	0.84140015	0.92792546	MPC1-DT
NA	ENSG00000261421	0	NA	NA	NA	NA	
105370888	ENSG00000261423	104.372329	0.04217916	0.19784139	0.80449175	0.91118482	TMEM202-AS1
NA	ENSG00000261424	0	NA	NA	NA	NA	ATP5BPB7
NA	ENSG00000261426	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000261427	0.48602639	-0.02869496	0.38579971	0.54698822	NA	
NA	ENSG00000261429	0	NA	NA	NA	NA	DPPA2P4
NA	ENSG00000261430	0	NA	NA	NA	NA	
NA	ENSG00000261431	0.36401633	0.02390221	0.38539357	0.60944162	NA	DHX35-DT
106146149	ENSG00000261432	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC01613
NA	ENSG00000261433	0.82423768	0.02846419	0.38428278	0.52070448	NA	
NA	ENSG00000261434	0	NA	NA	NA	NA	
NA	ENSG00000261435	0	NA	NA	NA	NA	
NA	ENSG00000261436	0	NA	NA	NA	NA	
100288748	ENSG00000261437	0	NA	NA	NA	NA	LINC02894
NA	ENSG00000261438	0.33471731	0.02354391	0.38534154	0.62842204	NA	
26077	ENSG00000261439	0.65860578	0.00328586	0.38192233	0.94366818	NA	GNAO1-AS1
NA	ENSG00000261440	0	NA	NA	NA	NA	DUX4L45
NA	ENSG00000261441	4.81169617	-0.06914277	0.37017649	0.57710781	0.77557535	POLG-DT
NA	ENSG00000261442	0.32435284	0.00126272	0.38336742	0.96821385	NA	
NA	ENSG00000261444	0	NA	NA	NA	NA	
NA	ENSG00000261445	0	NA	NA	NA	NA	
100874187	ENSG00000261446	0	NA	NA	NA	NA	LINC00559
NA	ENSG00000261447	2.05240871	-0.10642168	0.39750971	0.2049307	NA	
102723692	ENSG00000261448	0.32249822	-0.02325428	0.3853187	0.66960282	NA	
NA	ENSG00000261449	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000261451	3.56957894	0.00648124	0.36851905	0.95341486	0.98074558	
NA	ENSG00000261453	1.50083972	-0.08056732	0.39579073	0.10708504	NA	LINC01735
NA	ENSG00000261455	191.139037	-0.08864071	0.16062121	0.5423352	0.75039615	LINC01003
347688	ENSG00000261456	11.7726613	0.36898308	0.51532598	0.08645875	0.22396418	TUBB8
NA	ENSG00000261457	0	NA	NA	NA	NA	
NA	ENSG00000261458	0	NA	NA	NA	NA	
NA	ENSG00000261459	21.0369245	-0.00843598	0.38309273	0.81830515	0.9171248	
NA	ENSG00000261460	0.87826296	0.06218111	0.39075623	0.2130973	NA	
NA	ENSG00000261461	0	NA	NA	NA	NA	UBE2MPI
NA	ENSG00000261462	21.5316057	-0.34609155	0.4382655	0.11986715	0.28498075	
NA	ENSG00000261465	0.84284586	-0.02199733	0.38243157	0.67218326	NA	COQ7-DT
NA	ENSG00000261466	0.34686856	0.00022665	0.38336212	0.96631152	NA	

NA	ENSG00000261467	0.84281226	0.04795819	0.38832137	0.27820709	NA	
NA	ENSG00000261468	0.86141565	0.04723685	0.38560384	0.39775965	NA	
NA	ENSG00000261469	0.60049103	-0.0351207	0.38649142	0.44195727	NA	
NA	ENSG00000261470	0	NA	NA	NA	NA	
NA	ENSG00000261471	0	NA	NA	NA	NA	
NA	ENSG00000261472	0	NA	NA	NA	NA	
NA	ENSG00000261474	4.61326862	-0.01964513	0.36280078	0.87132525	0.94387622	
NA	ENSG00000261475	0	NA	NA	NA	NA	LINC02190
NA	ENSG00000261476	5.27393437	0.0138952	0.35867461	0.91753259	0.96510692	
NA	ENSG00000261478	26.467832	-0.01294901	0.29303426	0.94389791	0.97714242	
653720	ENSG00000261480	0.16735865	0.01897177	0.38482933	0.78225479	NA	GOLGA8M
NA	ENSG00000261481	0.16735865	0.01897177	0.38482933	0.78225479	NA	CARHSP1-DT
NA	ENSG00000261482	0	NA	NA	NA	NA	
NA	ENSG00000261485	12.9806096	0.27108193	0.42083617	0.17229443	0.36486286	PAN3-AS1
NA	ENSG00000261486	0	NA	NA	NA	NA	RARRES2P9
NA	ENSG00000261487	17.4564412	-0.21769027	0.36658755	0.27217759	0.49553485	
112806053	ENSG00000261488	4.10913011	0.20890412	0.45450874	0.06347147	0.17887414	TBILA
NA	ENSG00000261489	0	NA	NA	NA	NA	
NA	ENSG00000261490	14.7079228	-0.04145964	0.32458111	0.81271259	0.91516078	
NA	ENSG00000261491	0	NA	NA	NA	NA	DNM1P31
NA	ENSG00000261497	0	NA	NA	NA	NA	
100861547	ENSG00000261498	0	NA	NA	NA	NA	LINC00566
NA	ENSG00000261499	9.92248265	0.16285696	0.40299363	0.24324235	0.46167877	
NA	ENSG00000261501	0	NA	NA	NA	NA	BBS7-DT
NA	ENSG00000261502	2.98232394	0.09731995	0.39406812	0.24082293	0.45879844	
284648	ENSG00000261504	6.2493909	-0.08775754	0.36971284	0.51576713	0.73002247	LINC01686
NA	ENSG00000261505	45.7348692	0.04472534	0.28533622	0.81804504	0.9171248	
729355	ENSG00000261509	6.05202485	0.17087282	0.41703679	0.16784311	0.35875968	TP53TG3B
102723655	ENSG00000261509	6.05202485	0.17087282	0.41703679	0.16784311	0.35875968	TP53TG3B
102723713	ENSG00000261509	6.05202485	0.17087282	0.41703679	0.16784311	0.35875968	TP53TG3B
102724101	ENSG00000261509	6.05202485	0.17087282	0.41703679	0.16784311	0.35875968	TP53TG3B
102724127	ENSG00000261509	6.05202485	0.17087282	0.41703679	0.16784311	0.35875968	TP53TG3B
NA	ENSG00000261511	0	NA	NA	NA	NA	CYP3A137P
NA	ENSG00000261512	27.9875116	1.62825555	0.51236936	9.12E-05	0.00070141	
NA	ENSG00000261513	0.33969177	0.00269959	0.3833858	0.96268242	NA	
NA	ENSG00000261514	8.28454564	0.01947348	0.35072672	0.89559985	0.95469109	LINC01976
NA	ENSG00000261515	0	NA	NA	NA	NA	VN1R70P
100861552	ENSG00000261517	0	NA	NA	NA	NA	LINC00558

	NA	ENSG00000261519	5.45243264	-0.07791278	0.37747651	0.48840776	0.70812701	
	NA	ENSG00000261520	0	NA	NA	NA	NA	DLGAP1-AS5
100133920	NA	ENSG00000261522	0	NA	NA	NA	NA	
	NA	ENSG00000261523	0.34746601	0.02370763	0.3853651	0.61987128	NA	
	NA	ENSG00000261524	6.55766969	-0.05933379	0.37523367	0.57422421	0.77352065	ABCB10P3
	NA	ENSG00000261526	119.714429	-0.42413571	0.21466263	0.02022195	0.07354783	
	NA	ENSG00000261527	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000261528	2.53369646	-0.0184488	0.37372692	0.83874651	NA	CCNYL7
	NA	ENSG00000261529	1.39106244	0.0361533	0.38021006	0.6204903	NA	
	NA	ENSG00000261532	0	NA	NA	NA	NA	
	NA	ENSG00000261534	21.6389276	0.01174356	0.38028103	0.85548339	0.93550076	
	NA	ENSG00000261535	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
	NA	ENSG00000261536	0	NA	NA	NA	NA	ABHD17AP9
	NA	ENSG00000261537	0	NA	NA	NA	NA	
	NA	ENSG00000261538	0	NA	NA	NA	NA	
	NA	ENSG00000261540	0	NA	NA	NA	NA	
	NA	ENSG00000261541	0	NA	NA	NA	NA	
	NA	ENSG00000261542	5.94860523	-0.073665	0.36379985	0.59394038	0.78752771	
	NA	ENSG00000261543	0	NA	NA	NA	NA	
	NA	ENSG00000261544	0	NA	NA	NA	NA	
	NA	ENSG00000261546	3.64130042	-0.05715874	0.3725318	0.60797795	0.79695264	
	NA	ENSG00000261548	0	NA	NA	NA	NA	HLA-P
	NA	ENSG00000261549	0	NA	NA	NA	NA	
	NA	ENSG00000261552	0	NA	NA	NA	NA	
	NA	ENSG00000261553	54.0337234	0.18157945	0.31706737	0.36475041	0.59432668	
	NA	ENSG00000261554	0	NA	NA	NA	NA	
	NA	ENSG00000261555	0.82392722	0.01909183	0.38143941	0.73471998	NA	
100506060	NA	ENSG00000261556	325.568884	-0.28097466	0.13351497	0.02423203	0.08501563	SMG1P7
107984138	NA	ENSG00000261556	325.568884	-0.28097466	0.13351497	0.02423203	0.08501563	SMG1P7
	NA	ENSG00000261557	0.14931947	-0.01844332	0.38480212	0.84537521	NA	EEF1A1P38
101929164	NA	ENSG00000261558	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01859
	NA	ENSG00000261559	74.1170033	0.76879084	0.29565654	0.00149073	0.00833596	FSCN1P1
	NA	ENSG00000261560	12.5064503	0.04281713	0.33856493	0.79653684	0.90658744	
	NA	ENSG00000261561	0	NA	NA	NA	NA	
	NA	ENSG00000261564	0	NA	NA	NA	NA	
	NA	ENSG00000261566	0	NA	NA	NA	NA	
	NA	ENSG00000261569	0	NA	NA	NA	NA	
	NA	ENSG00000261570	2.87632314	0.06201224	0.37898023	0.52575765	0.73808697	AGK-DT

NA	ENSG00000261572	1.43355308	-0.06269703	0.38513188	0.40037913	NA	
NA	ENSG00000261573	0	NA	NA	NA	NA	
NA	ENSG00000261575	2.98613826	0.04267151	0.37429381	0.66982959	0.83753108	
NA	ENSG00000261578	132.708434	0.11514537	0.18679661	0.48168331	0.70240082	
NA	ENSG00000261580	0	NA	NA	NA	NA	ENPP7P13
NA	ENSG00000261581	1.19789296	0.06757947	0.39232954	0.15117685	NA	HERC2P11
NA	ENSG00000261582	2.33423213	0.01485388	0.37177176	0.88064859	NA	
NA	ENSG00000261583	0	NA	NA	NA	NA	
NA	ENSG00000261584	98.4515146	0.07970698	0.20775264	0.64997827	0.82529572	
NA	ENSG00000261586	0	NA	NA	NA	NA	
340393	ENSG00000261587	39.4430758	-0.08859629	0.27727843	0.64758728	0.82430661	TMEM249
NA	ENSG00000261588	0	NA	NA	NA	NA	
NA	ENSG00000261590	0	NA	NA	NA	NA	
NA	ENSG00000261592	0	NA	NA	NA	NA	
NA	ENSG00000261593	0	NA	NA	NA	NA	CYP4A27P
100507050	ENSG00000261594	7.388668	-0.13524044	0.38390424	0.34643161	0.57719207	TPBGL
NA	ENSG00000261595	0.34110352	0.02362648	0.38535339	0.62410921	NA	PPM1J-DT
NA	ENSG00000261596	1.29592257	-0.05668125	0.38729207	0.29670746	NA	
NA	ENSG00000261599	115.516684	0.32228551	0.22513783	0.08430467	0.21975376	HERC2P8
NA	ENSG00000261600	5.53863875	-0.10697859	0.37606229	0.43203743	0.65763562	
NA	ENSG00000261602	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100287362	ENSG00000261603	2.61028064	0.05507879	0.37724571	0.57135574	0.77166993	PRSS46P
NA	ENSG00000261604	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000261606	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000261607	0	NA	NA	NA	NA	
NA	ENSG00000261608	0	NA	NA	NA	NA	SLC25A1P4
8139	ENSG00000261609	244.19693	-0.21143027	0.16812512	0.16062651	0.34855682	GAN
NA	ENSG00000261610	1.05997397	0.04611428	0.38577903	0.35751801	NA	
NA	ENSG00000261611	21.8275025	0.34579639	0.46995118	0.11013104	0.26735784	
NA	ENSG00000261612	0	NA	NA	NA	NA	SUB1P3
NA	ENSG00000261613	243.496168	0.28240195	0.15786647	0.04953587	0.14798849	
NA	ENSG00000261614	0	NA	NA	NA	NA	YBX3P1
101929144	ENSG00000261615	2.06120887	0.03547001	0.37993034	0.6279614	NA	LINC01858
NA	ENSG00000261616	4.61105357	-0.0695002	0.3707836	0.570613	0.77097262	
101927009	ENSG00000261617	0.54535647	0.03257892	0.38620097	0.45657595	NA	LINC02177
NA	ENSG00000261618	10.6515181	-0.07830014	0.34946356	0.62480744	0.80878056	LINC02605
NA	ENSG00000261620	0	NA	NA	NA	NA	HMG2P41
101927228	ENSG00000261623	0.30139824	-0.02296476	0.38527817	0.68536535	NA	LINC02179

NA	ENSG00000261624	0	NA	NA	NA	NA	NDUFB10P2
NA	ENSG00000261625	0	NA	NA	NA	NA	
NA	ENSG00000261627	0	NA	NA	NA	NA	
NA	ENSG00000261628	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000261629	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000261630	0	NA	NA	NA	NA	
NA	ENSG00000261632	0	NA	NA	NA	NA	
NA	ENSG00000261633	0	NA	NA	NA	NA	
NA	ENSG00000261634	1.31330749	-0.02774834	0.37928877	0.7018868	NA	PAQR5-DT
NA	ENSG00000261635	0	NA	NA	NA	NA	
NA	ENSG00000261636	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02191
NA	ENSG00000261637	0	NA	NA	NA	NA	LINC02127
NA	ENSG00000261638	0	NA	NA	NA	NA	
NA	ENSG00000261641	0	NA	NA	NA	NA	
NA	ENSG00000261642	0	NA	NA	NA	NA	
NA	ENSG00000261644	0	NA	NA	NA	NA	CYLD-AS1
101929222	ENSG00000261645	0	NA	NA	NA	NA	DISC1FP1
NA	ENSG00000261646	4.89379779	0.08640843	0.37652039	0.47792796	0.69957877	
NA	ENSG00000261647	0	NA	NA	NA	NA	IMPDH1P11
NA	ENSG00000261648	0	NA	NA	NA	NA	
728310	ENSG00000261649	11.3169744	-0.05333546	0.34854304	0.72865911	0.87030261	GOLGA6L7
NA	ENSG00000261650	0	NA	NA	NA	NA	
NA	ENSG00000261651	0	NA	NA	NA	NA	
145788	ENSG00000261652	18.7978748	0.10196314	0.32211739	0.5871841	0.78237765	C15orf65
NA	ENSG00000261653	0	NA	NA	NA	NA	
NA	ENSG00000261654	5.79890887	0.08844622	0.37100947	0.50904307	0.72475167	
NA	ENSG00000261655	0.60003387	-0.03562268	0.38653687	0.43872429	NA	
101927726	ENSG00000261656	0.82758009	0.01639784	0.38193871	0.7510404	NA	BEAN1-AS1
NA	ENSG00000261659	95.7683664	0.00896559	0.2169282	0.96159514	0.98439922	
NA	ENSG00000261663	9.21356666	0.1058485	0.36424336	0.49213526	0.71115547	
NA	ENSG00000261664	0.173733	0.01914545	0.38484597	0.78225479	NA	TTC39A-AS1
NA	ENSG00000261665	0	NA	NA	NA	NA	TUBAP4
100861553	ENSG00000261666	0	NA	NA	NA	NA	LINC00560
101928108	ENSG00000261667	0	NA	NA	NA	NA	LY6L
NA	ENSG00000261668	2.10384635	-0.02120355	0.37517131	0.80701365	NA	
NA	ENSG00000261669	2.23343035	0.01633887	0.37565321	0.84716251	NA	
NA	ENSG00000261670	1.56289721	-0.06038492	0.38553848	0.38909691	NA	
NA	ENSG00000261671	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000261673	0	NA	NA	NA	NA	
NA	ENSG00000261675	1.21613103	0.05045324	0.38902488	0.20730064	NA	
83482	ENSG00000261678	423.825237	-2.4826108	0.13811881	2.14E-73	3.69E-71	SCRT1
NA	ENSG00000261679	0	NA	NA	NA	NA	ATP5PDP1
NA	ENSG00000261680	0	NA	NA	NA	NA	
100505583	ENSG00000261683	0	NA	NA	NA	NA	LINC00838
NA	ENSG00000261684	6.39713083	0.02453258	0.35643938	0.85970757	0.93751308	
NA	ENSG00000261687	0.4759547	-0.00794622	0.38324755	0.85638236	NA	
NA	ENSG00000261689	0	NA	NA	NA	NA	AGGF1P4
NA	ENSG00000261691	0	NA	NA	NA	NA	
NA	ENSG00000261692	0	NA	NA	NA	NA	
NA	ENSG00000261693	5.56723719	-0.12639237	0.38336092	0.35882563	0.58913444	
NA	ENSG00000261696	0	NA	NA	NA	NA	
101928682	ENSG00000261697	0	NA	NA	NA	NA	
3250	ENSG00000261701	0	NA	NA	NA	NA	HPR
NA	ENSG00000261702	0	NA	NA	NA	NA	
105371252	ENSG00000261703	0	NA	NA	NA	NA	LINC02168
NA	ENSG00000261704	0	NA	NA	NA	NA	IGHV1OR16-1
727701	ENSG00000261706	0	NA	NA	NA	NA	LINC00165
NA	ENSG00000261707	1.55589328	0.01920267	0.37796363	0.79823108	NA	
NA	ENSG00000261708	0.35705091	0.02381972	0.38538147	0.61383034	NA	DNM1P32
NA	ENSG00000261709	0	NA	NA	NA	NA	
NA	ENSG00000261710	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000261711	0	NA	NA	NA	NA	FRG2DP
146336	ENSG00000261713	0	NA	NA	NA	NA	SSTR5-AS1
NA	ENSG00000261714	0	NA	NA	NA	NA	
101927900	ENSG00000261715	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01477
NA	ENSG00000261716	366.658234	-0.5053531	0.5251007	0.05208424	0.15372677	H2BC20P
NA	ENSG00000261717	16.9081968	-0.10292491	0.33188391	0.57029815	0.7706786	
NA	ENSG00000261719	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000261720	0	NA	NA	NA	NA	
NA	ENSG00000261722	0	NA	NA	NA	NA	
NA	ENSG00000261723	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000261725	0	NA	NA	NA	NA	
NA	ENSG00000261727	0	NA	NA	NA	NA	
NA	ENSG00000261728	5.35263199	-0.06448936	0.36618248	0.61831544	0.80468208	
105371653	ENSG00000261729	0	NA	NA	NA	NA	
NA	ENSG00000261730	0	NA	NA	NA	NA	FOXF2-DT

NA	ENSG00000261731	0	NA	NA	NA	NA	
NA	ENSG00000261732	64.8208739	0.72828088	0.31394659	0.00338842	0.01678388	
NA	ENSG00000261734	0	NA	NA	NA	NA	
NA	ENSG00000261736	0	NA	NA	NA	NA	
105378828	ENSG00000261737	2.01928976	0.0125369	0.3754511	0.8827186	NA	
645355	ENSG00000261738	0	NA	NA	NA	NA	MIR3976HG
653061	ENSG00000261739	0.88064611	0.05089604	0.38879922	0.25748913	NA	GOLGA8S
107282092	ENSG00000261740	1307.34101	-0.17873135	0.07381766	0.01346929	0.05295894	BOLA2-SMG1P6
102724018	ENSG00000261741	0	NA	NA	NA	NA	FRG2KP
283867	ENSG00000261742	0	NA	NA	NA	NA	LINC00922
NA	ENSG00000261743	0	NA	NA	NA	NA	
100128882	ENSG00000261744	1.51811663	-0.02779421	0.37989724	0.68791652	NA	ZFPM1-AS1
NA	ENSG00000261745	0	NA	NA	NA	NA	
NA	ENSG00000261747	0	NA	NA	NA	NA	
NA	ENSG00000261748	0	NA	NA	NA	NA	
102467079	ENSG00000261749	0	NA	NA	NA	NA	LINC02180
NA	ENSG00000261751	0	NA	NA	NA	NA	
NA	ENSG00000261752	0.31934339	0.00200711	0.38337555	0.95784529	NA	AGGF1P8
NA	ENSG00000261754	94.0315955	0.22202308	0.22778396	0.23220492	0.44897628	
NA	ENSG00000261757	6.31865019	0.21997501	0.43631503	0.14811295	0.33032384	
NA	ENSG00000261758	3.9413103	0.0468155	0.36946206	0.68597386	0.84726805	STAG1-DT
NA	ENSG00000261759	0	NA	NA	NA	NA	
100507334	ENSG00000261760	0	NA	NA	NA	NA	
100508631	ENSG00000261761	2.41136499	0.07161323	0.38338454	0.42604682	NA	LINC02616
NA	ENSG00000261762	469.168023	0.58254875	0.13011961	2.33E-06	2.48E-05	
NA	ENSG00000261763	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000261764	0	NA	NA	NA	NA	KRT18P18
NA	ENSG00000261765	0	NA	NA	NA	NA	
NA	ENSG00000261766	2.69553989	0.04505746	0.3787873	0.59849598	0.78996686	
NA	ENSG00000261770	15.0588238	-0.04266963	0.32410433	0.80790138	0.9131433	
100533483	ENSG00000261771	6.97974533	-0.0013	0.38289651	0.96506918	0.98622874	DNAAF4-CCPG1
NA	ENSG00000261773	1.29101929	0.08502782	0.39685969	0.10463156	NA	
NA	ENSG00000261774	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000261775	0	NA	NA	NA	NA	
NA	ENSG00000261776	0	NA	NA	NA	NA	
100506083	ENSG00000261777	13.2168565	0.04564735	0.33387219	0.78999034	0.9043268	DDX19A-DT
NA	ENSG00000261778	0	NA	NA	NA	NA	
NA	ENSG00000261779	0	NA	NA	NA	NA	

100505817	ENSG00000261780	0	NA	NA	NA	NA	LINC02582
101927876	ENSG00000261781	0	NA	NA	NA	NA	LINC01654
	NA	ENSG00000261782	0	NA	NA	NA	
	NA	ENSG00000261783	2.51981008	0.00223947	0.37341859	0.98196916	NA
	NA	ENSG00000261786	364.963078	0.04994071	0.12564843	0.67716888	0.84229976
100129654	ENSG00000261787	0	NA	NA	NA	NA	TCF24
	NA	ENSG00000261789	0	NA	NA	NA	
	NA	ENSG00000261790	43.4914509	0.17511516	0.2775027	0.38188352	0.61096436
	NA	ENSG00000261792	0.34691387	0.00042224	0.38336247	0.96446229	NA
	NA	ENSG00000261793	0	NA	NA	NA	DNM1P28
728498	ENSG00000261794	223.731662	0.69340626	0.15910863	3.00E-06	3.13E-05	GOLGA8H
	NA	ENSG00000261795	4.33224612	-0.10708645	0.38569662	0.36140636	0.59123619
100534599	ENSG00000261796	226.380938	1.0528428	0.23943013	1.24E-06	1.39E-05	ISY1-RAB43
	NA	ENSG00000261797	0.16735865	0.01897177	0.38482933	0.78225479	NA
101929536	ENSG00000261798	7.16401593	0.02675466	0.35508853	0.84956297	0.93154246	
	NA	ENSG00000261799	186.298803	-0.12138356	0.15762019	0.39720244	0.62623144
	NA	ENSG00000261800	45.7952472	0.66847155	0.34945486	0.0098309	0.04091568
100287616	ENSG00000261801	0.72356816	-0.00830019	0.38194451	0.86472976	NA	LOXL1-AS1
	NA	ENSG00000261802	0	NA	NA	NA	
	NA	ENSG00000261803	0	NA	NA	NA	LINC02140
	NA	ENSG00000261804	0.4713972	-0.02834368	0.38579999	0.54453479	NA
101927580	ENSG00000261807	0	NA	NA	NA	NA	LINC02141
	NA	ENSG00000261809	0	NA	NA	NA	CYP3A54P
	NA	ENSG00000261810	0	NA	NA	NA	
	NA	ENSG00000261811	0	NA	NA	NA	LINC02164
	NA	ENSG00000261812	0.93703964	0.06646581	0.39168003	0.19052081	NA
	NA	ENSG00000261813	0.15069912	-0.01848503	0.38480575	0.84537521	TUBB8P7
	NA	ENSG00000261815	0	NA	NA	NA	
	NA	ENSG00000261816	0.32366414	0.00184289	0.38337335	0.96343884	NA
	NA	ENSG00000261817	0	NA	NA	NA	NA
	NA	ENSG00000261818	0	NA	NA	NA	NA
	NA	ENSG00000261819	16.7146059	0.36591221	0.45363063	0.10807847	0.26368383
	NA	ENSG00000261820	0	NA	NA	NA	NA
	NA	ENSG00000261821	0	NA	NA	NA	DNM1P49
	NA	ENSG00000261822	5.11973169	-0.11805679	0.39832756	0.22820964	0.44340764
	NA	ENSG00000261823	3.19104054	-0.0247675	0.37529043	0.77646717	0.89723881
148189	ENSG00000261824	549.331281	0.37230886	0.11489261	0.00066988	0.00415973	LINC00662
	NA	ENSG00000261826	0	NA	NA	NA	NA

NA	ENSG00000261829	4.97755834	0.06500871	0.36842998	0.6075683	0.79681089	
NA	ENSG00000261831	0	NA	NA	NA	NA	
NA	ENSG00000261832	20.3938275	0.39380934	0.4681423	0.09162998	0.23375837	
NA	ENSG00000261834	0	NA	NA	NA	NA	IGHV3OR16-15
NA	ENSG00000261835	0	NA	NA	NA	NA	
NA	ENSG00000261837	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000261838	0	NA	NA	NA	NA	
NA	ENSG00000261839	12.8902112	0.04650224	0.33135915	0.78886254	0.90411045	
NA	ENSG00000261840	42.6769852	0.34286495	0.33520487	0.12575388	0.29484247	
NA	ENSG00000261842	1.00354867	0.00740604	0.38007234	0.903087	NA	
NA	ENSG00000261845	0.69493202	0.03154416	0.38626309	0.41391645	NA	
100288728	ENSG00000261848	0	NA	NA	NA	NA	
101927348	ENSG00000261856	0	NA	NA	NA	NA	LINC02186
8190	ENSG00000261857	0.53166351	0.03191353	0.38613214	0.46622593	NA	MIA
400568	ENSG00000261863	0	NA	NA	NA	NA	LINC01996
NA	ENSG00000261864	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000261868	1.79586571	0.11122804	0.40335537	0.10488251	NA	MFSD1P1
NA	ENSG00000261872	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000261873	1.99642478	-0.07518867	0.39393132	0.09678786	NA	SMIM36
100130950	ENSG00000261879	73.9995484	0.14823759	0.23688328	0.43214761	0.65772984	ZNF594-DT
NA	ENSG00000261882	0	NA	NA	NA	NA	
NA	ENSG00000261884	119.408931	-0.51245138	0.24660322	0.01151901	0.04659269	
NA	ENSG00000261886	0.35740512	0.02382227	0.38538187	0.61365164	NA	GOSR2-DT
NA	ENSG00000261888	9.80838222	0.15882526	0.37723741	0.34392628	0.57422346	
NA	ENSG00000261889	4.99298382	-0.12383966	0.38849256	0.32783682	0.55637794	
NA	ENSG00000261898	0	NA	NA	NA	NA	
NA	ENSG00000261904	1.32910255	-0.04659015	0.38241823	0.50815796	NA	MTND5P33
NA	ENSG00000261914	0	NA	NA	NA	NA	RPL23AP84
NA	ENSG00000261915	2.78080333	0.02683454	0.37345565	0.78055517	0.89965693	
NA	ENSG00000261916	0.44994317	-0.0273099	0.3857139	0.56174156	NA	
400627	ENSG00000261924	13.7278494	0.00740704	0.32985762	0.96734757	0.98759962	
56107	ENSG00000261934	48.78687	-0.70013914	0.42520455	0.01347905	0.05298679	PCDHGA9
NA	ENSG00000261938	0	NA	NA	NA	NA	
NA	ENSG00000261939	0	NA	NA	NA	NA	LARP7P2
100507003	ENSG00000261949	0	NA	NA	NA	NA	GFY
NA	ENSG00000261959	0	NA	NA	NA	NA	
NA	ENSG00000261963	68.3336495	-1.51305408	0.30500744	5.49E-08	7.49E-07	CCDC92B
NA	ENSG00000261965	0	NA	NA	NA	NA	ISCA1P3

	NA	ENSG00000261970	0.80781151	0.01159789	0.38238897	0.80167851	NA	
	NA	ENSG00000261971	102.944487	0.11118821	0.20758649	0.52607297	0.73808697	MMP25-AS1
	NA	ENSG00000261976	0	NA	NA	NA	NA	
	NA	ENSG00000261978	0	NA	NA	NA	NA	
	NA	ENSG00000261987	0	NA	NA	NA	NA	KYNUPI
	NA	ENSG00000261996	10.7940751	0.03545908	0.33898093	0.82988148	0.92286579	
	NA	ENSG00000261997	9.63963283	0.08271306	0.35098088	0.60796339	0.79695264	
	NA	ENSG00000262000	0	NA	NA	NA	NA	
	NA	ENSG00000262001	36.3546302	0.96648357	0.44140707	0.00272123	0.01395429	DLGAP1-AS2
101927727	NA	ENSG00000262003	0	NA	NA	NA	NA	
	NA	ENSG00000262006	0	NA	NA	NA	NA	
	NA	ENSG00000262008	0	NA	NA	NA	NA	
	NA	ENSG00000262011	0	NA	NA	NA	NA	
	NA	ENSG00000262020	0	NA	NA	NA	NA	
	NA	ENSG00000262031	0	NA	NA	NA	NA	LINC01974
	NA	ENSG00000262038	0	NA	NA	NA	NA	
	NA	ENSG00000262039	0.48409288	-0.00602808	0.38313723	0.87395397	NA	
	NA	ENSG00000262048	0	NA	NA	NA	NA	
	NA	ENSG00000262049	202.87402	0.17921312	0.15873327	0.21474255	0.42507156	
105371592	NA	ENSG00000262050	9.80012523	0.18515133	0.3927856	0.27234927	0.49568018	
	NA	ENSG00000262052	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000262061	0.42836696	-0.02611429	0.38560675	0.58427667	NA	RPH3AL-AS1
	NA	ENSG00000262067	0	NA	NA	NA	NA	
	NA	ENSG00000262074	0.4739371	-0.00935642	0.38285577	0.8455542	NA	SNORD3B-2
26102	NA	ENSG00000262075	18.3643641	-0.07245567	0.32566102	0.68552814	0.8470175	
	NA	ENSG00000262079	0	NA	NA	NA	NA	
	NA	ENSG00000262081	0	NA	NA	NA	NA	IL9RP4
	NA	ENSG00000262085	0	NA	NA	NA	NA	OR1P1
	NA	ENSG00000262089	1.93226135	-0.0348427	0.37727764	0.68010742	NA	
	NA	ENSG00000262090	0	NA	NA	NA	NA	
	NA	ENSG00000262094	5.64498888	-0.00930356	0.36925654	0.92353474	0.96825748	
	NA	ENSG00000262095	0	NA	NA	NA	NA	MTATP6P25
	NA	ENSG00000262096	21.0673849	0.34285743	0.40291037	0.13072057	0.30297852	PCDHB19P
	NA	ENSG00000262097	0.16735865	0.01897177	0.38482933	0.78225479	NA	LINC02185
	NA	ENSG00000262098	0	NA	NA	NA	NA	
105371506	NA	ENSG00000262099	0	NA	NA	NA	NA	DHX33-DT
	NA	ENSG00000262106	0	NA	NA	NA	NA	OR1D3P
	NA	ENSG00000262107	0	NA	NA	NA	NA	MTND6P33

NA	ENSG00000262112	0	NA	NA	NA	NA	
NA	ENSG00000262115	0.66085162	-0.01969883	0.38296015	0.66663116	NA	
NA	ENSG00000262116	0	NA	NA	NA	NA	
400500	ENSG00000262117	0	NA	NA	NA	NA	BCAR4
NA	ENSG00000262118	9.35021543	0.09489748	0.35549767	0.55367459	0.75980255	MTCO1P28
NA	ENSG00000262119	2.57427776	-0.10264309	0.3939762	0.25593143	0.47704618	
NA	ENSG00000262120	0	NA	NA	NA	NA	
NA	ENSG00000262133	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000262135	0	NA	NA	NA	NA	GARS1P1
NA	ENSG00000262136	0.4674844	-0.00973412	0.38289698	0.8458856	NA	NQO1-DT
NA	ENSG00000262140	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000262141	0	NA	NA	NA	NA	
NA	ENSG00000262147	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000262151	0	NA	NA	NA	NA	
NA	ENSG00000262152	12.5400713	-1.56343663	0.925854	0.00331292	0.01645002	LINC00514
NA	ENSG00000262154	0	NA	NA	NA	NA	EIF1P4
283887	ENSG00000262155	28.0165573	0.19713382	0.33959781	0.3261976	0.55442134	LINC02175
NA	ENSG00000262158	0.89803134	0.04011176	0.38511873	0.42777261	NA	MTCO3P24
NA	ENSG00000262160	14.2476521	-0.00950247	0.38292215	0.8080131	0.9131433	
NA	ENSG00000262165	1.61172576	0.02020761	0.38042642	0.7477311	NA	C17orf114
NA	ENSG00000262171	0.96308024	-0.03828629	0.38457356	0.4444773	NA	
NA	ENSG00000262172	1.48075345	0.01552681	0.38015451	0.80550073	NA	
101929726	ENSG00000262179	1.53210021	0.04458593	0.38236355	0.52157198	NA	MYMX
NA	ENSG00000262181	0	NA	NA	NA	NA	
102724927	ENSG00000262185	0.90245465	-0.03969054	0.38417031	0.46743471	NA	LINC02861
NA	ENSG00000262187	0	NA	NA	NA	NA	
101928738	ENSG00000262188	2.37579385	-0.04702356	0.37667477	0.61386863	NA	LINC01978
NA	ENSG00000262198	0	NA	NA	NA	NA	
NA	ENSG00000262202	3.01449394	-0.07482442	0.38365913	0.41651682	0.64309452	
56102	ENSG00000262209	41.1512349	-0.28947191	0.31702835	0.17688813	0.37164677	PCDHGB3
NA	ENSG00000262211	0	NA	NA	NA	NA	
NA	ENSG00000262213	0	NA	NA	NA	NA	
NA	ENSG00000262223	14.1159311	0.27529483	0.4802308	0.08902822	0.22865817	
NA	ENSG00000262227	13.3282836	0.08123341	0.33883332	0.6388	0.81845605	
NA	ENSG00000262228	3.25730078	0.05905548	0.37384448	0.59099987	0.78567659	
NA	ENSG00000262231	0	NA	NA	NA	NA	
NA	ENSG00000262235	0	NA	NA	NA	NA	TMF1P1
79585	ENSG00000262246	659.75684	0.05158047	0.09619178	0.58032776	0.77774473	CORO7

NA	ENSG00000262248	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000262259	0	NA	NA	NA	NA	MTND4LP24
NA	ENSG00000262262	0	NA	NA	NA	NA	
NA	ENSG00000262265	2.46242323	-0.04143726	0.37657971	0.63985922	NA	
NA	ENSG00000262267	0.33972904	-0.02339159	0.3853396	0.66077303	NA	
NA	ENSG00000262271	0	NA	NA	NA	NA	
NA	ENSG00000262292	0.18922458	0.01954053	0.38488496	0.78225479	NA	GRAPLDR
NA	ENSG00000262294	0.33939107	0.00257545	0.38338364	0.96386874	NA	
NA	ENSG00000262296	0	NA	NA	NA	NA	
NA	ENSG00000262298	0	NA	NA	NA	NA	
NA	ENSG00000262302	0	NA	NA	NA	NA	
NA	ENSG00000262304	12.5520238	0.28779637	0.51277245	0.05767589	0.16624869	
NA	ENSG00000262312	2.91081086	0.01215324	0.37248011	0.90025537	0.95585286	
NA	ENSG00000262313	0	NA	NA	NA	NA	
NA	ENSG00000262316	0	NA	NA	NA	NA	
NA	ENSG00000262319	0.46701969	-0.00814258	0.38328327	0.85922741	NA	
NA	ENSG00000262322	1.40675547	-0.05535541	0.38372891	0.44758843	NA	MTND4P34
NA	ENSG00000262332	0.35702336	0.02381952	0.38538144	0.61384424	NA	
NA	ENSG00000262333	36.9789213	-0.07028413	0.27793508	0.71553003	0.86274919	HNRNPA1P16
NA	ENSG00000262339	0	NA	NA	NA	NA	
NA	ENSG00000262343	0	NA	NA	NA	NA	
NA	ENSG00000262352	0	NA	NA	NA	NA	LINC02564
NA	ENSG00000262358	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000262362	0.6888907	0.02707736	0.38370722	0.57240855	NA	
NA	ENSG00000262366	0	NA	NA	NA	NA	NDUFA3P6
NA	ENSG00000262370	0	NA	NA	NA	NA	
NA	ENSG00000262372	0	NA	NA	NA	NA	
NA	ENSG00000262380	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000262381	0.546015	0.01492847	0.38353032	0.72459511	NA	MTATP6P24
NA	ENSG00000262384	0	NA	NA	NA	NA	
NA	ENSG00000262400	0	NA	NA	NA	NA	
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4321	ENSG00000262406	0	NA	NA	NA	NA	MMP12
NA	ENSG00000262408	0	NA	NA	NA	NA	
NA	ENSG00000262410	12.8505794	0.0465031	0.3322909	0.78770018	0.90351292	
NA	ENSG00000262412	6.57842428	-0.06641981	0.36156151	0.63215377	0.8138826	
NA	ENSG00000262413	0.50450392	-0.02991331	0.38593942	0.51909313	NA	
NA	ENSG00000262420	3.58555303	-0.08164839	0.38069747	0.44647976	0.6707435	

NA	ENSG00000262429	0	NA	NA	NA	NA	
NA	ENSG00000262434	1.17602236	-0.00518697	0.3785233	0.93958319	NA	
NA	ENSG00000262445	0	NA	NA	NA	NA	
100129781	ENSG00000262454	13.5970722	0.18596553	0.37797825	0.30267195	0.5299163	MIR193BHG
NA	ENSG00000262456	0	NA	NA	NA	NA	
NA	ENSG00000262468	31.9768214	-0.35195337	0.37028522	0.12281032	0.2900532	LINC01569
NA	ENSG00000262470	0	NA	NA	NA	NA	TVP23CP2
NA	ENSG00000262471	0	NA	NA	NA	NA	
NA	ENSG00000262480	0.34746601	0.02370763	0.3853651	0.61987128	NA	SAMD11P1
NA	ENSG00000262481	8.52081893	0.03780417	0.36461576	0.76084956	0.88944647	TMEM256-PLSCR3
NA	ENSG00000262482	0.51320449	-0.0100967	0.38327552	0.81998293	NA	
643669	ENSG00000262484	6.74742855	0.02639749	0.35797301	0.84616657	0.93023466	CCER2
NA	ENSG00000262488	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000262492	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000262495	0	NA	NA	NA	NA	
NA	ENSG00000262497	0	NA	NA	NA	NA	FAM187B2P
NA	ENSG00000262500	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MAPK8IP1P1
NA	ENSG00000262503	0	NA	NA	NA	NA	
NA	ENSG00000262514	0	NA	NA	NA	NA	
NA	ENSG00000262516	0	NA	NA	NA	NA	
NA	ENSG00000262518	0	NA	NA	NA	NA	
NA	ENSG00000262519	0.173733	0.01914545	0.38484597	0.78225479	NA	TXNP4
NA	ENSG00000262521	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000262526	8.13775248	-0.0304971	0.38670033	0.10266293	0.25431797	
NA	ENSG00000262528	95.1450444	0.43616291	0.24489954	0.02912957	0.09808735	
NA	ENSG00000262529	0	NA	NA	NA	NA	
NA	ENSG00000262533	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000262539	51.0989748	0.0209126	0.26665572	0.91520354	0.96403708	
110806279	ENSG00000262543	0	NA	NA	NA	NA	SMIM28
NA	ENSG00000262558	0	NA	NA	NA	NA	
NA	ENSG00000262560	0	NA	NA	NA	NA	
NA	ENSG00000262561	0	NA	NA	NA	NA	
NA	ENSG00000262566	0	NA	NA	NA	NA	
56111	ENSG00000262576	67.6345165	0.25450154	0.29717719	0.22531985	0.43913024	PCDHGA4
NA	ENSG00000262580	108.589538	0.27563029	0.2400025	0.15249034	0.33701774	
NA	ENSG00000262583	0.35360233	0.00553767	0.38346179	0.9123925	NA	TMEM231P1
101928766	ENSG00000262585	5.30677908	0.11989314	0.38591829	0.35082691	0.58113897	LINC01979
554206	ENSG00000262587	8.84205848	0.10740191	0.36142331	0.49762759	0.71553478	

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NA	ENSG00000262619	0	NA	NA	NA	NA	LINC00621
NA	ENSG00000262623	0	NA	NA	NA	NA	
NA	ENSG00000262624	0	NA	NA	NA	NA	
8386	ENSG00000262628	0	NA	NA	NA	NA	OR1D5
653166	ENSG00000262628	0	NA	NA	NA	NA	OR1D5
NA	ENSG00000262633	191.901714	-0.01017986	0.15777369	0.94247907	0.97629193	
NA	ENSG00000262636	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000262648	0.89591684	-0.03845544	0.3871124	0.33943682	NA	PHBP15
NA	ENSG00000262651	0	NA	NA	NA	NA	
NA	ENSG00000262652	5.62356396	0.11874978	0.38046664	0.38765379	0.61657178	
10418	ENSG00000262655	7.62463516	-0.00682623	0.35241686	0.95909785	0.9831126	SPON1
NA	ENSG00000262660	0.86866502	0.03820342	0.3870704	0.32648034	NA	
NA	ENSG00000262662	0.36307829	0.02389563	0.38539254	0.60990534	NA	
NA	ENSG00000262663	8.94570833	0.04361804	0.34647196	0.78069112	0.89973348	
124641	ENSG00000262664	540.074222	-0.26064749	0.13697615	0.04072771	0.12702999	OVCA2
4992	ENSG00000262668	6.50801779	-0.19806795	0.41674586	0.19386039	0.39671894	
NA	ENSG00000262678	4.51835009	0.00049716	0.37220008	0.99850585	0.99943937	CAMTA2-AS1
NA	ENSG00000262681	1.86341335	0.0635831	0.38541214	0.39372148	NA	
101926896	ENSG00000262686	1.3784766	-0.03891007	0.38225111	0.54610214	NA	GLIS2-AS1
NA	ENSG00000262691	77.071668	-0.25851656	0.24689481	0.1842812	0.38289533	
NA	ENSG00000262692	0.53823321	0.01390854	0.38346187	0.73877841	NA	
NA	ENSG00000262693	0.87972407	0.01363979	0.38165303	0.79332181	NA	ZFP3-DT
NA	ENSG00000262700	1.6870375	0.00907338	0.37641621	0.91009599	NA	
NA	ENSG00000262703	14.911211	0.17911411	0.36221066	0.3401857	0.57056767	
NA	ENSG00000262708	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000262712	31.6781744	-0.01340149	0.29356903	0.94195874	0.97594973	
NA	ENSG00000262714	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000262721	0	NA	NA	NA	NA	
NA	ENSG00000262728	14.837262	0.48760589	0.55949938	0.05650509	0.16353915	
NA	ENSG00000262730	0	NA	NA	NA	NA	
NA	ENSG00000262732	5.61211981	-0.00701314	0.35609972	0.95677418	0.98237333	
NA	ENSG00000262759	0	NA	NA	NA	NA	MRPS21P9
NA	ENSG00000262766	12.1793813	-0.07785526	0.34417552	0.63735964	0.81729675	
NA	ENSG00000262768	0	NA	NA	NA	NA	
NA	ENSG00000262769	0.31810067	0.00104355	0.38336599	0.96707801	NA	
NA	ENSG00000262772	35.8801483	0.29257405	0.32062203	0.1770391	0.37184583	LINC01977
NA	ENSG00000262777	2.84064444	0.00531426	0.37193252	0.95764647	0.98264776	

NA	ENSG00000262786	0	NA	NA	NA	NA	
NA	ENSG00000262791	0	NA	NA	NA	NA	
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NA	ENSG00000262803	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000262810	0.18922458	0.01954053	0.38488496	0.78225479	NA	
6182	ENSG00000262814	2159.42379	-0.01630596	0.07097144	0.81430094	0.91592004	MRPL12
NA	ENSG00000262815	0	NA	NA	NA	NA	
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NA	ENSG00000262823	0	NA	NA	NA	NA	
NA	ENSG00000262831	0	NA	NA	NA	NA	
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NA	ENSG00000262837	0	NA	NA	NA	NA	
NA	ENSG00000262848	9.63976302	0.15533678	0.38031929	0.33962246	0.57006003	
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NA	ENSG00000262869	0	NA	NA	NA	NA	
NA	ENSG00000262870	0	NA	NA	NA	NA	CYCSP40
NA	ENSG00000262873	0.66724168	-0.01130706	0.38285335	0.75869653	NA	
147646	ENSG00000262874	0.42436545	-0.02599122	0.38560417	0.58530677	NA	C19orf84
NA	ENSG00000262877	70.2389154	0.06126215	0.23246346	0.74281296	0.87875221	
NA	ENSG00000262879	1967.15597	-0.27180452	0.09038096	0.00190906	0.01026723	
NA	ENSG00000262880	38.5781692	0.82611197	0.41115805	0.00529921	0.02443892	
NA	ENSG00000262881	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
101927911	ENSG00000262884	11.4684712	0.90392339	0.94232457	0.01566078	0.05969449	
NA	ENSG00000262885	0	NA	NA	NA	NA	
NA	ENSG00000262898	1.13534747	0.04747751	0.38849004	0.23182692	NA	
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NA	ENSG00000262902	0.36299531	0.02389505	0.38539245	0.60994638	NA	MTCO1P40
NA	ENSG00000262903	9.94130719	0.08225139	0.35532199	0.59686293	0.78900843	
NA	ENSG00000262904	11.2995741	0.11583726	0.35948919	0.48045376	0.70158112	TMPOP2
NA	ENSG00000262905	0	NA	NA	NA	NA	
92002	ENSG00000262919	273.581148	0.1816951	0.14580031	0.17718129	0.3721051	CCNQ
NA	ENSG00000262920	0	NA	NA	NA	NA	
NA	ENSG00000262921	0.51287039	0.01539528	0.38312461	0.73808384	NA	
245	ENSG00000262943	0.15069912	-0.01848503	0.38480575	0.84537521	NA	ALOX12P2
NA	ENSG00000262950	0.84360821	-0.04638002	0.38804138	0.30783537	NA	
NA	ENSG00000262953	0	NA	NA	NA	NA	EIF4A1P9
NA	ENSG00000262959	0.16735865	0.01897177	0.38482933	0.78225479	NA	RPL23AP86
NA	ENSG00000262961	0	NA	NA	NA	NA	

NA	ENSG00000262962	0	NA	NA	NA	NA	KARS1P3
101928266	ENSG00000262966	0.51422634	0.0125014	0.38289362	0.75955108	NA	
NA	ENSG00000262967	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000262974	0	NA	NA	NA	NA	
NA	ENSG00000262979	0.34746601	0.02370763	0.3853651	0.61987128	NA	
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NA	ENSG00000262983	0	NA	NA	NA	NA	
NA	ENSG00000262990	0	NA	NA	NA	NA	
NA	ENSG00000262995	0	NA	NA	NA	NA	
101927131	ENSG00000262999	0.173124	-0.01911262	0.38486262	0.84537521	NA	
2969	ENSG00000263001	12079.1009	0.13528866	0.05514287	0.01359284	0.053339	GTF2I
10780	ENSG00000263002	421.824409	-0.08192375	0.12607311	0.49027167	0.70981553	ZNF234
NA	ENSG00000263004	11.3006453	0.00872252	0.34131459	0.95803911	0.98270581	AKAP1-DT
727758	ENSG00000263006	22.7756759	0.02113047	0.32001454	0.90724523	0.95963244	ROCK1P1
NA	ENSG00000263011	0	NA	NA	NA	NA	
NA	ENSG00000263015	0	NA	NA	NA	NA	
NA	ENSG00000263017	0	NA	NA	NA	NA	
NA	ENSG00000263020	18.3378959	-0.25885685	0.43458808	0.15970684	0.34728011	
NA	ENSG00000263029	0	NA	NA	NA	NA	
NA	ENSG00000263033	1.39019202	0.05150282	0.38423163	0.43751697	NA	
NA	ENSG00000263041	0	NA	NA	NA	NA	
NA	ENSG00000263045	0	NA	NA	NA	NA	
NA	ENSG00000263050	2.06504882	0.04417365	0.37681477	0.63079414	NA	
NA	ENSG00000263051	0	NA	NA	NA	NA	
101929552	ENSG00000263063	0.69535648	0.0198128	0.38352646	0.62232658	NA	
NA	ENSG00000263065	0	NA	NA	NA	NA	
100294362	ENSG00000263069	233.908479	0.70101983	0.17203721	1.00E-05	9.49E-05	RNF213-AS1
NA	ENSG00000263070	0	NA	NA	NA	NA	
NA	ENSG00000263072	291.662819	0.06574926	0.17406044	0.67298361	0.83933156	ZNF213-AS1
105371083	ENSG00000263080	2.02622289	-0.02459016	0.37686031	0.76193667	NA	
NA	ENSG00000263081	0	NA	NA	NA	NA	
NA	ENSG00000263089	6.01439708	0.02236661	0.35558687	0.87299468	0.94439555	
NA	ENSG00000263096	1.4636808	-0.00653038	0.3772284	0.93029944	NA	
NA	ENSG00000263098	0	NA	NA	NA	NA	
NA	ENSG00000263105	0.64546665	-0.02008992	0.38304959	0.67330662	NA	
NA	ENSG00000263107	0	NA	NA	NA	NA	
NA	ENSG00000263110	0	NA	NA	NA	NA	
NA	ENSG00000263120	1.69876072	0.08525168	0.39138252	0.26350148	NA	

	NA	ENSG00000263125	0	NA	NA	NA	NA	ARL2BPP8
	NA	ENSG00000263126	33.7489715	-0.13160997	0.29933395	0.50352232	0.72014726	
	NA	ENSG00000263142	15.9221357	-0.24861755	0.39826269	0.20544441	0.41239126	LRRC37A17P
	NA	ENSG00000263146	0	NA	NA	NA	NA	LINC01896
	NA	ENSG00000263154	0.99318846	-0.04894107	0.38551428	0.38836819	NA	
100820829	NA	ENSG00000263155	123.494395	-0.17386115	0.19618592	0.30275889	0.52998404	MYZAP
	NA	ENSG00000263159	0	NA	NA	NA	NA	
	NA	ENSG00000263164	4.70148433	0.0372108	0.36605971	0.75823046	0.88767331	
	NA	ENSG00000263165	3.33133793	0.00051095	0.38292527	0.99521568	0.99852582	
	NA	ENSG00000263167	0	NA	NA	NA	NA	
	NA	ENSG00000263171	0	NA	NA	NA	NA	
	NA	ENSG00000263176	0	NA	NA	NA	NA	
	NA	ENSG00000263177	7.47568202	0.01195601	0.3513086	0.93589606	0.97325384	MTND1P8
	NA	ENSG00000263179	0	NA	NA	NA	NA	HNRNPCP4
	NA	ENSG00000263189	0	NA	NA	NA	NA	
	NA	ENSG00000263196	0	NA	NA	NA	NA	MTND3P13
	NA	ENSG00000263199	0	NA	NA	NA	NA	
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	NA	ENSG00000263206	0	NA	NA	NA	NA	KYNUP3
	NA	ENSG00000263207	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000263212	2.14288444	0.04886698	0.38292814	0.49220607	NA	
	NA	ENSG00000263218	0	NA	NA	NA	NA	
	NA	ENSG00000263219	0	NA	NA	NA	NA	RYKPI
	NA	ENSG00000263220	1.04908614	0.05956012	0.38759892	0.30704141	NA	
	NA	ENSG00000263232	1.15461595	0.03499167	0.3830227	0.54455037	NA	ATP5F1AP3
	NA	ENSG00000263234	0	NA	NA	NA	NA	
	NA	ENSG00000263235	27.7324745	0.05044276	0.30043162	0.79190764	0.90499209	
	NA	ENSG00000263237	0	NA	NA	NA	NA	
	NA	ENSG00000263241	2.05215619	-0.04779294	0.37928995	0.57430914	NA	MTCYBP33
	NA	ENSG00000263244	19.6793561	0.03210956	0.38687039	NA	NA	
	NA	ENSG00000263252	0	NA	NA	NA	NA	
	NA	ENSG00000263253	0	NA	NA	NA	NA	
	NA	ENSG00000263257	0.55201807	0.01190069	0.3832631	0.7499015	NA	
	NA	ENSG00000263266	1.28154813	-0.0709379	0.38953836	0.25022283	NA	RPS7P1
	NA	ENSG00000263271	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000263272	198.452867	0.11956656	0.17326165	0.43954267	0.66481822	
	NA	ENSG00000263276	13.3310249	-0.020352	0.3576871	0.87599661	0.94529871	
	NA	ENSG00000263278	0	NA	NA	NA	NA	

NA	ENSG00000263279	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000263280	0.96250857	-0.01776595	0.38249572	0.71577671	NA	
102724508	ENSG00000263293	1.48333527	0.03984373	0.38091902	0.58344476	NA	EFCAB13-DT
NA	ENSG00000263300	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000263301	1.83990528	0.04763927	0.38040227	0.55612964	NA	
NA	ENSG00000263305	0	NA	NA	NA	NA	
NA	ENSG00000263307	3.36967275	-0.1010971	0.38567071	0.36616917	0.59532871	RSL1D1-DT
NA	ENSG00000263311	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000263312	0	NA	NA	NA	NA	LINC01975
NA	ENSG00000263316	0	NA	NA	NA	NA	
105371830	ENSG00000263317	0.65783765	0.0203355	0.38369563	0.63453443	NA	LINC01982
NA	ENSG00000263321	3.30677456	-0.02195669	0.36985455	0.83239732	0.92392457	
NA	ENSG00000263325	0	NA	NA	NA	NA	
NA	ENSG00000263326	1.89435473	0.07815121	0.38734716	0.34658261	NA	
NA	ENSG00000263327	52.0613981	0.19202649	0.28089479	0.34283315	0.57307353	TAPT1-AS1
NA	ENSG00000263331	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000263335	0	NA	NA	NA	NA	
NA	ENSG00000263338	0.96976274	0.00510312	0.38091965	0.92639636	NA	
NA	ENSG00000263342	0	NA	NA	NA	NA	
NA	ENSG00000263343	0	NA	NA	NA	NA	
NA	ENSG00000263345	16.5965842	0.08003375	0.33320661	0.65180433	0.82604906	
653505	ENSG00000263353	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PPIAL4A
100847002	ENSG00000263354	0	NA	NA	NA	NA	MIR5011
NA	ENSG00000263355	0	NA	NA	NA	NA	AKR1B10P2
NA	ENSG00000263360	0	NA	NA	NA	NA	RN7SL134P
100616306	ENSG00000263361	0	NA	NA	NA	NA	MIR378H
100847053	ENSG00000263363	0	NA	NA	NA	NA	MIR5702
NA	ENSG00000263366	0	NA	NA	NA	NA	ABHD17AP5
NA	ENSG00000263368	0	NA	NA	NA	NA	
NA	ENSG00000263369	0	NA	NA	NA	NA	
NA	ENSG00000263370	0	NA	NA	NA	NA	
100847068	ENSG00000263372	0	NA	NA	NA	NA	MIR548AO
NA	ENSG00000263375	0	NA	NA	NA	NA	
100847089	ENSG00000263381	0	NA	NA	NA	NA	MIR5584
105372035	ENSG00000263382	0.34109488	0.02362641	0.38535338	0.62411379	NA	
NA	ENSG00000263388	0	NA	NA	NA	NA	
100616311	ENSG00000263389	0	NA	NA	NA	NA	MIR3973
100423010	ENSG00000263390	0	NA	NA	NA	NA	MIR3119-2

NA	ENSG00000263393	0.44981803	-0.02730379	0.3857134	0.5618451	NA	
NA	ENSG00000263394	0	NA	NA	NA	NA	
NA	ENSG00000263396	0	NA	NA	NA	NA	
100422881	ENSG00000263399	0	NA	NA	NA	NA	MIR3170
101101775	ENSG00000263400	5.16971688	0.35213087	0.6087418	0.02770483	0.09418504	TMEM220-AS1
100616242	ENSG00000263403	0	NA	NA	NA	NA	MIR4673
NA	ENSG00000263405	0	NA	NA	NA	NA	PA2G4P3
100616350	ENSG00000263407	0	NA	NA	NA	NA	MIR4660
100616337	ENSG00000263409	0	NA	NA	NA	NA	MIR4747
NA	ENSG00000263410	0	NA	NA	NA	NA	RN7SL460P
116435298	ENSG00000263412	41.0045651	0.23160243	0.29424657	0.26597663	0.48827746	NFE2L1-DT
100616276	ENSG00000263413	0	NA	NA	NA	NA	MIR4538
100422854	ENSG00000263414	0	NA	NA	NA	NA	MIR3187
NA	ENSG00000263417	0	NA	NA	NA	NA	GTSCR1
NA	ENSG00000263424	0	NA	NA	NA	NA	
NA	ENSG00000263426	0	NA	NA	NA	NA	RN7SL471P
NA	ENSG00000263427	0	NA	NA	NA	NA	
100289255	ENSG00000263429	0	NA	NA	NA	NA	TMEM238L
NA	ENSG00000263432	1.26826552	-0.03600244	0.38218918	0.56751916	NA	RN7SL689P
NA	ENSG00000263433	0.31828087	0.00122997	0.38336736	0.96529321	NA	
NA	ENSG00000263435	0	NA	NA	NA	NA	
100422900	ENSG00000263436	0	NA	NA	NA	NA	MIR3158-1
102724651	ENSG00000263438	0.38381379	0.02403859	0.38541506	0.60121688	NA	LINC01919
100616224	ENSG00000263439	0	NA	NA	NA	NA	MIR4753
NA	ENSG00000263443	0	NA	NA	NA	NA	
100616299	ENSG00000263445	0	NA	NA	NA	NA	MIR4450
NA	ENSG00000263450	0	NA	NA	NA	NA	
NA	ENSG00000263453	0	NA	NA	NA	NA	
100847057	ENSG00000263456	0	NA	NA	NA	NA	MIR5189
100616111	ENSG00000263458	0	NA	NA	NA	NA	MIR4455
NA	ENSG00000263460	0	NA	NA	NA	NA	BOD1P1
653598	ENSG00000263464	0	NA	NA	NA	NA	PPIAL4C
10929	ENSG00000263465	961.502805	0.00016501	0.11284345	0.9998748	0.9998748	SRSF8
NA	ENSG00000263466	0.173124	-0.01911262	0.38486262	0.84537521	NA	
100423002	ENSG00000263468	0	NA	NA	NA	NA	MIR3130-2
100422988	ENSG00000263476	0	NA	NA	NA	NA	MIR3156-1
NA	ENSG00000263477	0	NA	NA	NA	NA	
NA	ENSG00000263479	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RN7SL509P

NA	ENSG00000263482	0	NA	NA	NA	NA	ANTXRLP1
NA	ENSG00000263483	0	NA	NA	NA	NA	MTATP6P3
NA	ENSG00000263485	0	NA	NA	NA	NA	
NA	ENSG00000263489	0	NA	NA	NA	NA	
NA	ENSG00000263490	0	NA	NA	NA	NA	RN7SL155P
NA	ENSG00000263494	0	NA	NA	NA	NA	
101927539	ENSG00000263499	1.00566042	0.03030528	0.38194003	0.61492957	NA	
NA	ENSG00000263501	0	NA	NA	NA	NA	
NA	ENSG00000263503	0	NA	NA	NA	NA	MAPK8IP1P2
NA	ENSG00000263505	0	NA	NA	NA	NA	SLC25A3P3
NA	ENSG00000263508	0	NA	NA	NA	NA	
100616454	ENSG00000263510	0	NA	NA	NA	NA	MIR4497
100847086	ENSG00000263511	0	NA	NA	NA	NA	MIR5699
100422905	ENSG00000263512	0	NA	NA	NA	NA	MIR4311
554282	ENSG00000263513	354.836369	-0.40976394	0.14810745	0.00272966	0.01398669	FAM72C
100500879	ENSG00000263514	0	NA	NA	NA	NA	MIR3668
100616144	ENSG00000263515	0	NA	NA	NA	NA	MIR548AN
105827617	ENSG00000263520	0	NA	NA	NA	NA	LINC02563
100616321	ENSG00000263526	0	NA	NA	NA	NA	MIR378G
100616130	ENSG00000263527	0	NA	NA	NA	NA	MIR4526
9641	ENSG00000263528	2.1754555	-0.08720928	0.39427743	0.2040381	NA	IKBKE
NA	ENSG00000263529	0	NA	NA	NA	NA	RN7SL122P
NA	ENSG00000263531	1.2300564	0.01796777	0.37988472	0.78148753	NA	
100616389	ENSG00000263533	0	NA	NA	NA	NA	MIR4463
NA	ENSG00000263535	11.0812789	0.34839746	0.50848362	0.09015394	0.23094308	AK4P1
NA	ENSG00000263537	0	NA	NA	NA	NA	RN7SL387P
100847020	ENSG00000263540	0	NA	NA	NA	NA	MIR5582
339298	ENSG00000263547	0	NA	NA	NA	NA	
NA	ENSG00000263551	0	NA	NA	NA	NA	
NA	ENSG00000263556	0	NA	NA	NA	NA	RN7SL383P
NA	ENSG00000263558	0	NA	NA	NA	NA	RN7SL716P
100616205	ENSG00000263561	0	NA	NA	NA	NA	MIR4704
23666	ENSG00000263563	19.5394001	-0.06376847	0.31187464	0.73053563	0.87107559	UBBP4
NA	ENSG00000263567	0	NA	NA	NA	NA	
NA	ENSG00000263571	0	NA	NA	NA	NA	
102466866	ENSG00000263572	0	NA	NA	NA	NA	MIR7853
100422868	ENSG00000263573	0	NA	NA	NA	NA	MIR4270
100134391	ENSG00000263574	0	NA	NA	NA	NA	

100616288	ENSG00000263575	0	NA	NA	NA	NA	MIR4665
100616302	ENSG00000263581	0	NA	NA	NA	NA	MIR548X2
100616277	ENSG00000263583	0	NA	NA	NA	NA	MIR4522
100616151	ENSG00000263584	0	NA	NA	NA	NA	MIR4480
NA	ENSG00000263585	0	NA	NA	NA	NA	
102723641	ENSG00000263586	0.32236732	-0.02325322	0.38531854	0.66967855	NA	HID1-AS1
NA	ENSG00000263588	0	NA	NA	NA	NA	
103091866	ENSG00000263590	0.37844916	0.02407552	0.3854191	0.60038877	NA	LINC02591
100616152	ENSG00000263593	0	NA	NA	NA	NA	MIR4804
NA	ENSG00000263594	0	NA	NA	NA	NA	
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100500865	ENSG00000263597	0	NA	NA	NA	NA	MIR3936
100500915	ENSG00000263600	0	NA	NA	NA	NA	MIR3915
100422978	ENSG00000263602	0	NA	NA	NA	NA	MIR3185
NA	ENSG00000263603	6.26212919	0.02090047	0.35825842	0.87668086	0.94566867	
NA	ENSG00000263604	0	NA	NA	NA	NA	
NA	ENSG00000263606	0.173124	-0.01911262	0.38486262	0.84537521	NA	CHORDC1P4
NA	ENSG00000263608	0	NA	NA	NA	NA	RN7SL353P
NA	ENSG00000263609	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02002
105372041	ENSG00000263611	0	NA	NA	NA	NA	
NA	ENSG00000263612	2.26688936	0.09926275	0.39408251	0.24653939	NA	
NA	ENSG00000263613	0	NA	NA	NA	NA	
100422861	ENSG00000263615	0	NA	NA	NA	NA	MIR4306
NA	ENSG00000263616	0	NA	NA	NA	NA	RN7SL178P
NA	ENSG00000263618	0	NA	NA	NA	NA	
NA	ENSG00000263620	95.3581067	-0.19678138	0.21611494	0.27321085	0.49676945	
NA	ENSG00000263622	0	NA	NA	NA	NA	
NA	ENSG00000263624	8.40936773	-0.14329139	0.37511752	0.37035033	0.59943356	
101927323	ENSG00000263627	0	NA	NA	NA	NA	PPP4R1-AS1
100422989	ENSG00000263628	0	NA	NA	NA	NA	MIR3155A
100847088	ENSG00000263629	0	NA	NA	NA	NA	MIR5586
100616201	ENSG00000263631	0	NA	NA	NA	NA	MIR378D1
100500803	ENSG00000263634	0	NA	NA	NA	NA	MIR3919
NA	ENSG00000263635	0	NA	NA	NA	NA	
NA	ENSG00000263637	0	NA	NA	NA	NA	
4477	ENSG00000263639	0	NA	NA	NA	NA	MSMB
100616317	ENSG00000263641	0	NA	NA	NA	NA	MIR4777
100616274	ENSG00000263642	0	NA	NA	NA	NA	MIR4802

100616404	ENSG00000263643	0	NA	NA	NA	NA	MIR4515
NA	ENSG00000263644	0	NA	NA	NA	NA	
NA	ENSG00000263647	19.0981196	0.11362924	0.33225409	0.53970819	0.74869322	BPTFP1
NA	ENSG00000263648	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100616218	ENSG00000263649	0	NA	NA	NA	NA	MIR3135B
100847063	ENSG00000263652	0	NA	NA	NA	NA	MIR548AX
NA	ENSG00000263655	0	NA	NA	NA	NA	
NA	ENSG00000263657	0.173124	-0.01911262	0.38486262	0.84537521	NA	
100379141	ENSG00000263666	0	NA	NA	NA	NA	SNORA70D
285766	ENSG00000263667	0	NA	NA	NA	NA	
NA	ENSG00000263669	0	NA	NA	NA	NA	RN7SL470P
100616235	ENSG00000263670	0	NA	NA	NA	NA	MIR4457
NA	ENSG00000263672	0	NA	NA	NA	NA	RN7SL750P
NA	ENSG00000263674	0	NA	NA	NA	NA	
100847010	ENSG00000263675	0	NA	NA	NA	NA	MIR5581
100616438	ENSG00000263676	0	NA	NA	NA	NA	MIR4632
NA	ENSG00000263677	11.2360741	0.09721299	0.35550998	0.54541979	0.75298369	
NA	ENSG00000263680	0	NA	NA	NA	NA	
100423023	ENSG00000263681	0	NA	NA	NA	NA	MIR3197
NA	ENSG00000263682	0	NA	NA	NA	NA	
NA	ENSG00000263683	0	NA	NA	NA	NA	
NA	ENSG00000263684	0	NA	NA	NA	NA	
NA	ENSG00000263688	0	NA	NA	NA	NA	
693131	ENSG00000263690	0	NA	NA	NA	NA	MIR548D2
100423000	ENSG00000263693	0	NA	NA	NA	NA	MIR3161
100500811	ENSG00000263697	0	NA	NA	NA	NA	MIR3621
NA	ENSG00000263698	0	NA	NA	NA	NA	
100846998	ENSG00000263705	0	NA	NA	NA	NA	MIR5689
NA	ENSG00000263707	0	NA	NA	NA	NA	
NA	ENSG00000263708	0	NA	NA	NA	NA	
NA	ENSG00000263709	0	NA	NA	NA	NA	
400655	ENSG00000263711	0.40419807	0.02433354	0.38544165	0.60425546	NA	LINC02864
100616269	ENSG00000263712	0	NA	NA	NA	NA	MIR4639
1394	ENSG00000263715	9.20472593	0.03158899	0.38678324	0.08543358	0.22180088	LINC02210-CRHR1
104909134	ENSG00000263715	9.20472593	0.03158899	0.38678324	0.08543358	0.22180088	LINC02210-CRHR1
NA	ENSG00000263716	0	NA	NA	NA	NA	SLC25A51P2
NA	ENSG00000263717	0.53895417	0.01398706	0.38346652	0.73759617	NA	
105371907	ENSG00000263718	0	NA	NA	NA	NA	SEPTIN9-DT

NA	ENSG00000263720	0	NA	NA	NA	NA	
NA	ENSG00000263723	0	NA	NA	NA	NA	
201477	ENSG00000263724	0	NA	NA	NA	NA	DLGAP1-AS3
NA	ENSG00000263725	0	NA	NA	NA	NA	FTLP13
NA	ENSG00000263727	0.36251155	0.00105682	0.38336535	0.96582665	NA	
NA	ENSG00000263729	0	NA	NA	NA	NA	
100500822	ENSG00000263730	0	NA	NA	NA	NA	MIR3937
NA	ENSG00000263731	47.6217192	-0.0380146	0.26307776	0.8416458	0.92800104	
NA	ENSG00000263733	0	NA	NA	NA	NA	
100616174	ENSG00000263734	0	NA	NA	NA	NA	MIR4643
100616255	ENSG00000263735	0	NA	NA	NA	NA	MIR4662B
NA	ENSG00000263740	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL4P
100847092	ENSG00000263741	0	NA	NA	NA	NA	MIR548AS
100422953	ENSG00000263742	0	NA	NA	NA	NA	MIR3165
100500844	ENSG00000263744	0	NA	NA	NA	NA	MIR3664
NA	ENSG00000263745	0	NA	NA	NA	NA	
100422966	ENSG00000263746	0	NA	NA	NA	NA	MIR4277
NA	ENSG00000263748	0	NA	NA	NA	NA	EXOGP1
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100847083	ENSG00000263750	0	NA	NA	NA	NA	MIR548AV
100422942	ENSG00000263752	0	NA	NA	NA	NA	MIR3133
339290	ENSG00000263753	467.764094	0.09524925	0.11701274	0.39307057	0.62215525	LINC00667
NA	ENSG00000263755	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SL498P
NA	ENSG00000263756	0.31816529	0.0011139	0.38336648	0.96640459	NA	
2658	ENSG00000263761	0	NA	NA	NA	NA	GDF2
100422982	ENSG00000263762	0	NA	NA	NA	NA	MIR4286
100500839	ENSG00000263763	0	NA	NA	NA	NA	MIR3686
26807	ENSG00000263764	0	NA	NA	NA	NA	SNORD43
NA	ENSG00000263765	0	NA	NA	NA	NA	
NA	ENSG00000263766	6.26678711	0.06307746	0.37039375	0.59725042	0.78921427	KPNB1-DT
NA	ENSG00000263772	0	NA	NA	NA	NA	
619568	ENSG00000263776	0	NA	NA	NA	NA	SNORA4
NA	ENSG00000263781	0	NA	NA	NA	NA	
100847069	ENSG00000263783	0	NA	NA	NA	NA	MIR5590
100422853	ENSG00000263785	0	NA	NA	NA	NA	MIR3182
NA	ENSG00000263786	74.0948856	-0.09261029	0.22350022	0.61098821	0.79918289	
NA	ENSG00000263787	0	NA	NA	NA	NA	SKAP1-AS1
NA	ENSG00000263788	0	NA	NA	NA	NA	

100616229	ENSG00000263790	0	NA	NA	NA	NA	MIR4473
100422866	ENSG00000263793	0	NA	NA	NA	NA	MIR3115
NA	ENSG00000263794	0	NA	NA	NA	NA	RN7SL457P
100847014	ENSG00000263795	0	NA	NA	NA	NA	MIR5100
NA	ENSG00000263797	0	NA	NA	NA	NA	
NA	ENSG00000263798	0	NA	NA	NA	NA	
100847071	ENSG00000263800	0	NA	NA	NA	NA	MIR5684
NA	ENSG00000263809	0	NA	NA	NA	NA	
100500876	ENSG00000263811	0	NA	NA	NA	NA	MIR3675
100500878	ENSG00000263813	0	NA	NA	NA	NA	MIR3679
NA	ENSG00000263815	0.47339775	-0.00745236	0.38322997	0.86408909	NA	RN7SL426P
100846992	ENSG00000263816	0	NA	NA	NA	NA	MIR548AW
100131347	ENSG00000263818	19.4522222	-0.23273304	0.37061624	0.24871438	0.46802661	RDM1P5
NA	ENSG00000263821	0	NA	NA	NA	NA	
NA	ENSG00000263823	10.1978342	-0.06361957	0.3473858	0.68695114	0.84777704	
NA	ENSG00000263826	92.0297792	-0.01820656	0.22224704	0.91848135	0.96558446	
100616207	ENSG00000263828	0	NA	NA	NA	NA	MIR4439
NA	ENSG00000263829	0.18922458	0.01954053	0.38488496	0.78225479	NA	SINHCAFP1
100616498	ENSG00000263831	0	NA	NA	NA	NA	MIR378E
100616479	ENSG00000263834	0	NA	NA	NA	NA	MIR4635
100616486	ENSG00000263838	0	NA	NA	NA	NA	MIR4698
NA	ENSG00000263841	0	NA	NA	NA	NA	RN7SL44P
100287042	ENSG00000263843	134.075245	0.02169812	0.18449996	0.89400316	0.95417323	MIF4GD-DT
NA	ENSG00000263846	0.49009361	-0.00696843	0.38316061	0.85890792	NA	CIAPIN1P
NA	ENSG00000263847	2.07641846	0.11840655	0.40338583	0.15476137	NA	
100616420	ENSG00000263849	0	NA	NA	NA	NA	MIR4744
100616204	ENSG00000263857	0	NA	NA	NA	NA	MIR4729
100616147	ENSG00000263858	0	NA	NA	NA	NA	MIR4769
NA	ENSG00000263859	1.5069912	-0.05820786	0.39056928	0.16274765	NA	
NA	ENSG00000263860	0	NA	NA	NA	NA	
100500898	ENSG00000263861	0	NA	NA	NA	NA	MIR3927
NA	ENSG00000263862	0	NA	NA	NA	NA	LINC01543
NA	ENSG00000263863	0	NA	NA	NA	NA	
NA	ENSG00000263870	0	NA	NA	NA	NA	
100616232	ENSG00000263872	0	NA	NA	NA	NA	MIR4528
NA	ENSG00000263873	224.391673	-0.85452553	0.17528716	1.76E-07	2.25E-06	THY1-AS1
NA	ENSG00000263874	64.6587292	-0.91043053	0.32946108	0.00067978	0.00421332	LINC00672
NA	ENSG00000263878	0	NA	NA	NA	NA	DLGAP1-AS4

NA	ENSG00000263882	0	NA	NA	NA	NA	RN7SL774P
NA	ENSG00000263883	0	NA	NA	NA	NA	EEF1DP7
NA	ENSG00000263884	5.8415994	-0.01374922	0.35814429	0.91511631	0.96403708	THOC1-DT
100500823	ENSG00000263885	0	NA	NA	NA	NA	MIR3920
NA	ENSG00000263887	0	NA	NA	NA	NA	
100422924	ENSG00000263890	0	NA	NA	NA	NA	MIR4303
100616214	ENSG00000263892	0	NA	NA	NA	NA	MIR4667
NA	ENSG00000263893	0	NA	NA	NA	NA	
100500885	ENSG00000263894	0	NA	NA	NA	NA	MIR3925
NA	ENSG00000263895	0	NA	NA	NA	NA	
100616236	ENSG00000263897	0	NA	NA	NA	NA	MIR4669
NA	ENSG00000263904	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000263905	0	NA	NA	NA	NA	RN7SL555P
100422902	ENSG00000263908	0	NA	NA	NA	NA	MIR3116-1
100846995	ENSG00000263909	0	NA	NA	NA	NA	MIR5000
NA	ENSG00000263914	0	NA	NA	NA	NA	MTND2P13
NA	ENSG00000263916	1.00531038	0.00154339	0.38080915	0.9778418	NA	
NA	ENSG00000263917	2.72487085	0.08479069	0.38950713	0.30802208	0.53554973	
100500910	ENSG00000263918	0	NA	NA	NA	NA	MIR3670-1
NA	ENSG00000263923	0	NA	NA	NA	NA	
NA	ENSG00000263924	0	NA	NA	NA	NA	
100616413	ENSG00000263926	0	NA	NA	NA	NA	MIR4462
100616127	ENSG00000263932	0	NA	NA	NA	NA	MIR4448
NA	ENSG00000263934	6.32735563	-0.02805839	0.35801145	0.83259178	0.92392457	SNORD3A
NA	ENSG00000263935	0	NA	NA	NA	NA	TOMM20P3
NA	ENSG00000263938	0.31974041	0.00222945	0.38337863	0.95571128	NA	
NA	ENSG00000263940	0	NA	NA	NA	NA	RN7SL275P
NA	ENSG00000263941	0	NA	NA	NA	NA	RN7SL32P
NA	ENSG00000263944	0	NA	NA	NA	NA	RN7SL435P
100500919	ENSG00000263945	0	NA	NA	NA	NA	MIR548Y
NA	ENSG00000263946	0	NA	NA	NA	NA	
NA	ENSG00000263952	0	NA	NA	NA	NA	
NA	ENSG00000263955	0	NA	NA	NA	NA	RN7SL850P
200030	ENSG00000263956	936.887151	0.10075085	0.08389338	0.2185655	0.43050004	NBPF11
100505797	ENSG00000263958	0	NA	NA	NA	NA	NETO1-DT
440712	ENSG00000263961	0.94762657	-0.01267043	0.38213624	0.7951659	NA	RHEX
NA	ENSG00000263963	0	NA	NA	NA	NA	
100422963	ENSG00000263967	0	NA	NA	NA	NA	MIR4290

NA	ENSG00000263968	9.46849029	0.0461697	0.34783579	0.76663223	0.8924999	RN7SL381P
NA	ENSG00000263969	0.34746601	0.02370763	0.3853651	0.61987128	NA	RN7SL678P
NA	ENSG00000263970	0	NA	NA	NA	NA	
100616251	ENSG00000263972	0	NA	NA	NA	NA	MIR1587
100616148	ENSG00000263973	0	NA	NA	NA	NA	MIR4760
NA	ENSG00000263974	0	NA	NA	NA	NA	RN7SL121P
NA	ENSG00000263976	0	NA	NA	NA	NA	YWHAEP3
100616304	ENSG00000263978	0	NA	NA	NA	NA	MIR4499
100616429	ENSG00000263979	0	NA	NA	NA	NA	MIR4672
100847027	ENSG00000263981	0	NA	NA	NA	NA	MIR5705
NA	ENSG00000263982	0	NA	NA	NA	NA	
NA	ENSG00000263986	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100847024	ENSG00000263987	0	NA	NA	NA	NA	MIR5698
NA	ENSG00000263988	0	NA	NA	NA	NA	RN7SL147P
NA	ENSG00000263989	0	NA	NA	NA	NA	RN7SL615P
NA	ENSG00000263990	2.10940985	-0.05644157	0.37911342	0.53859301	NA	
NA	ENSG00000263993	0	NA	NA	NA	NA	RN7SL786P
NA	ENSG00000263999	0	NA	NA	NA	NA	RN7SL42P
NA	ENSG00000264000	0	NA	NA	NA	NA	
NA	ENSG00000264002	0	NA	NA	NA	NA	RN7SL52P
100616241	ENSG00000264004	0	NA	NA	NA	NA	MIR4717
100422983	ENSG00000264005	0	NA	NA	NA	NA	MIR4314
340811	ENSG00000264006	0	NA	NA	NA	NA	AKR1C8P
NA	ENSG00000264007	7.25433068	0.02152131	0.35046174	0.88469938	0.94960159	
100616469	ENSG00000264010	0	NA	NA	NA	NA	MIR4429
NA	ENSG00000264012	0	NA	NA	NA	NA	
100500875	ENSG00000264013	0	NA	NA	NA	NA	MIR3938
100422914	ENSG00000264014	0	NA	NA	NA	NA	MIR4253
NA	ENSG00000264015	0	NA	NA	NA	NA	
NA	ENSG00000264016	0	NA	NA	NA	NA	
NA	ENSG00000264017	1.47490899	-0.06044494	0.3845583	0.41520923	NA	RN7SL336P
NA	ENSG00000264019	0	NA	NA	NA	NA	
NA	ENSG00000264023	0	NA	NA	NA	NA	
100616135	ENSG00000264024	0	NA	NA	NA	NA	MIR4507
146795	ENSG00000264026	0	NA	NA	NA	NA	LINC02003
NA	ENSG00000264028	0	NA	NA	NA	NA	RN7SL744P
NA	ENSG00000264029	0	NA	NA	NA	NA	
NA	ENSG00000264030	0	NA	NA	NA	NA	RN7SL66P

NA	ENSG00000264031	0	NA	NA	NA	NA	ABHD15-AS1
100616330	ENSG00000264032	0	NA	NA	NA	NA	MIR4491
NA	ENSG00000264036	0	NA	NA	NA	NA	RN7SL198P
100616309	ENSG00000264037	0	NA	NA	NA	NA	MIR4472-2
NA	ENSG00000264040	0	NA	NA	NA	NA	
NA	ENSG00000264041	0	NA	NA	NA	NA	RN7SL670P
NA	ENSG00000264044	3.52892714	-0.04087974	0.37614877	0.64789797	0.8244161	
NA	ENSG00000264047	0	NA	NA	NA	NA	RN7SL455P
100616210	ENSG00000264049	0	NA	NA	NA	NA	MIR4737
NA	ENSG00000264050	0	NA	NA	NA	NA	
NA	ENSG00000264054	0	NA	NA	NA	NA	RPL31P9
100847075	ENSG00000264056	0.18922458	0.01954053	0.38488496	0.78225479	NA	MIR5685
NA	ENSG00000264057	2.3257804	0.09287773	0.39036307	0.29938722	NA	
NA	ENSG00000264058	17.3548837	-0.01758533	0.38376561	0.63919616	0.81891074	
100422851	ENSG00000264060	0	NA	NA	NA	NA	MIR4316
NA	ENSG00000264061	0	NA	NA	NA	NA	FGF7P1
NA	ENSG00000264066	0	NA	NA	NA	NA	
NA	ENSG00000264067	0.53041563	0.01325101	0.38342981	0.74989576	NA	
100500829	ENSG00000264069	0	NA	NA	NA	NA	MIR3943
NA	ENSG00000264070	96.9055415	0.0686739	0.22068081	0.70598737	0.85825065	DND1P1
NA	ENSG00000264071	0	NA	NA	NA	NA	RN7SL531P
NA	ENSG00000264072	0	NA	NA	NA	NA	
100423034	ENSG00000264073	0	NA	NA	NA	NA	MIR3199-1
100616187	ENSG00000264075	0	NA	NA	NA	NA	MIR4783
NA	ENSG00000264078	0	NA	NA	NA	NA	
NA	ENSG00000264080	0	NA	NA	NA	NA	
NA	ENSG00000264083	0	NA	NA	NA	NA	
100847077	ENSG00000264084	0	NA	NA	NA	NA	MIR5688
100500884	ENSG00000264089	0	NA	NA	NA	NA	MIR3681
100847047	ENSG00000264090	0	NA	NA	NA	NA	MIR4666B
NA	ENSG00000264092	0	NA	NA	NA	NA	RN7SL474P
NA	ENSG00000264093	0	NA	NA	NA	NA	
100616377	ENSG00000264099	0	NA	NA	NA	NA	MIR4803
100616421	ENSG00000264101	0	NA	NA	NA	NA	MIR4689
100616368	ENSG00000264102	0	NA	NA	NA	NA	MIR4688
NA	ENSG00000264104	0	NA	NA	NA	NA	
100500881	ENSG00000264105	0	NA	NA	NA	NA	MIR3688-1
NA	ENSG00000264107	5.02582898	0.0204318	0.36385111	0.86750737	0.94194356	MIR4733HG

NA	ENSG00000264108	0	NA	NA	NA	NA	
100422823	ENSG00000264110	0	NA	NA	NA	NA	MIR4300
NA	ENSG00000264112	588.602995	-0.66800476	0.12701616	3.61E-08	5.04E-07	
NA	ENSG00000264113	0	NA	NA	NA	NA	RN7SL784P
100500852	ENSG00000264115	0	NA	NA	NA	NA	MIR3180-4
NA	ENSG00000264116	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100616161	ENSG00000264119	0	NA	NA	NA	NA	MIR4795
NA	ENSG00000264125	0	NA	NA	NA	NA	
NA	ENSG00000264127	0	NA	NA	NA	NA	SCML2P1
NA	ENSG00000264128	0	NA	NA	NA	NA	RN7SL713P
NA	ENSG00000264131	0	NA	NA	NA	NA	
100616344	ENSG00000264136	0	NA	NA	NA	NA	MIR3689D2
NA	ENSG00000264138	0	NA	NA	NA	NA	
100500882	ENSG00000264139	0	NA	NA	NA	NA	MIR3667
100500901	ENSG00000264141	0	NA	NA	NA	NA	MIR3928
NA	ENSG00000264145	0	NA	NA	NA	NA	
NA	ENSG00000264148	0	NA	NA	NA	NA	
NA	ENSG00000264149	0	NA	NA	NA	NA	
NA	ENSG00000264150	0	NA	NA	NA	NA	
NA	ENSG00000264151	0	NA	NA	NA	NA	
100422928	ENSG00000264157	0	NA	NA	NA	NA	MIR3127
100616351	ENSG00000264158	0	NA	NA	NA	NA	MIR4670
100616253	ENSG00000264160	0	NA	NA	NA	NA	MIR4762
100500906	ENSG00000264163	0	NA	NA	NA	NA	MIR3689B
NA	ENSG00000264164	0.55153652	0.03287226	0.38623147	0.45241886	NA	
NA	ENSG00000264167	0	NA	NA	NA	NA	
NA	ENSG00000264168	0	NA	NA	NA	NA	MTND1P15
NA	ENSG00000264169	0.3248319	0.00163944	0.38337098	0.96461302	NA	RN7SL665P
100422940	ENSG00000264171	0	NA	NA	NA	NA	MIR4305
NA	ENSG00000264172	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PDLIM1P3
NA	ENSG00000264174	0	NA	NA	NA	NA	
100422943	ENSG00000264175	0	NA	NA	NA	NA	MIR3189
NA	ENSG00000264176	6.2652346	0.20249207	0.42140657	0.18259072	0.38040533	MAGOH2P
NA	ENSG00000264177	0	NA	NA	NA	NA	
NA	ENSG00000264179	0	NA	NA	NA	NA	
NA	ENSG00000264186	0	NA	NA	NA	NA	SNRPCP4
NA	ENSG00000264187	2.00830384	0.07454075	0.39466602	0.08076756	NA	
NA	ENSG00000264188	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

NA	ENSG00000264189	0	NA	NA	NA	NA	AIDAP3
NA	ENSG00000264192	0	NA	NA	NA	NA	RN7SL117P
NA	ENSG00000264193	0	NA	NA	NA	NA	
NA	ENSG00000264196	0	NA	NA	NA	NA	
100616457	ENSG00000264200	0	NA	NA	NA	NA	MIR4693
100616262	ENSG00000264201	0	NA	NA	NA	NA	MIR4701
NA	ENSG00000264204	302.305953	0.27334999	0.13353968	0.02873942	0.0970608	AGAP7P
NA	ENSG00000264207	85.3435784	-0.28433	0.23451874	0.13474689	0.30920405	
100616332	ENSG00000264210	0	NA	NA	NA	NA	MIR4716
100616376	ENSG00000264211	0	NA	NA	NA	NA	MIR4492
NA	ENSG00000264212	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000264215	0	NA	NA	NA	NA	
NA	ENSG00000264217	0	NA	NA	NA	NA	RPL35AP23
100422878	ENSG00000264226	0	NA	NA	NA	NA	MIR3168
100151683	ENSG00000264229	0	NA	NA	NA	NA	RNU4ATAC
728113	ENSG00000264230	0	NA	NA	NA	NA	ANXA8L1
107985128	ENSG00000264232	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC01916
100616381	ENSG00000264233	0	NA	NA	NA	NA	MIR4456
104968399	ENSG00000264235	3.11903575	0.1234713	0.40112739	0.19647583	0.40007944	MYL12-AS1
NA	ENSG00000264236	0	NA	NA	NA	NA	
NA	ENSG00000264240	0	NA	NA	NA	NA	CPDP1
NA	ENSG00000264243	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000264245	0	NA	NA	NA	NA	
NA	ENSG00000264246	0	NA	NA	NA	NA	
NA	ENSG00000264247	397.470761	-0.09740516	0.12225171	0.39973624	0.62831531	ZNF407-AS1
100500831	ENSG00000264249	0	NA	NA	NA	NA	MIR3912
NA	ENSG00000264250	0	NA	NA	NA	NA	RN7SL835P
NA	ENSG00000264251	0	NA	NA	NA	NA	RN7SL819P
NA	ENSG00000264254	0	NA	NA	NA	NA	
NA	ENSG00000264257	0	NA	NA	NA	NA	KIR3DP1
NA	ENSG00000264260	0	NA	NA	NA	NA	LINC01893
NA	ENSG00000264262	0	NA	NA	NA	NA	
105376854	ENSG00000264265	0	NA	NA	NA	NA	LINC01925
100422925	ENSG00000264266	0	NA	NA	NA	NA	MIR4322
100616467	ENSG00000264268	0	NA	NA	NA	NA	MIR4767
100129878	ENSG00000264269	0	NA	NA	NA	NA	
NA	ENSG00000264270	0	NA	NA	NA	NA	
NA	ENSG00000264271	0	NA	NA	NA	NA	RN7SL488P

NA	ENSG00000264272	0	NA	NA	NA	NA	
NA	ENSG00000264273	0.31696972	0.00135678	0.38336848	0.96485331	NA	
100616246	ENSG00000264274	0	NA	NA	NA	NA	MIR4799
NA	ENSG00000264275	0.34746601	0.02370763	0.3853651	0.61987128	NA	RN7SL753P
100131655	ENSG00000264278	21.8504059	0.22176952	0.35465263	0.27612664	0.50026048	ZNF236-DT
100616417	ENSG00000264279	0	NA	NA	NA	NA	MIR4786
NA	ENSG00000264281	0	NA	NA	NA	NA	
NA	ENSG00000264289	0	NA	NA	NA	NA	
NA	ENSG00000264290	3.64202115	0.12673768	0.39968645	0.23197602	0.44862113	
100616360	ENSG00000264292	0	NA	NA	NA	NA	MIR2467
NA	ENSG00000264293	0	NA	NA	NA	NA	RN7SL657P
26811	ENSG00000264294	0	NA	NA	NA	NA	SNORD55
100500843	ENSG00000264295	0	NA	NA	NA	NA	MIR3922
NA	ENSG00000264296	0	NA	NA	NA	NA	
102465833	ENSG00000264297	0	NA	NA	NA	NA	MIR4433B
NA	ENSG00000264300	0	NA	NA	NA	NA	
101927642	ENSG00000264301	0	NA	NA	NA	NA	LINC01444
NA	ENSG00000264304	9.47046823	0.01046916	0.34482717	0.94772963	0.97860705	
100616426	ENSG00000264309	0	NA	NA	NA	NA	MIR4694
NA	ENSG00000264311	0	NA	NA	NA	NA	MIX23P1
NA	ENSG00000264313	0	NA	NA	NA	NA	RN7SL644P
100847030	ENSG00000264314	0	NA	NA	NA	NA	MIR548AT
NA	ENSG00000264315	0	NA	NA	NA	NA	HNRNPA1P11
NA	ENSG00000264316	0	NA	NA	NA	NA	MTCO3P13
NA	ENSG00000264317	0	NA	NA	NA	NA	RN7SL154P
100616435	ENSG00000264319	0	NA	NA	NA	NA	MIR4801
NA	ENSG00000264322	0	NA	NA	NA	NA	RN7SL448P
NA	ENSG00000264324	16.143699	-0.0940258	0.36158902	0.53147825	0.74283399	
100847036	ENSG00000264330	0	NA	NA	NA	NA	MIR5186
NA	ENSG00000264334	0	NA	NA	NA	NA	
NA	ENSG00000264339	0	NA	NA	NA	NA	
NA	ENSG00000264340	0	NA	NA	NA	NA	
NA	ENSG00000264341	0	NA	NA	NA	NA	
100500825	ENSG00000264342	0	NA	NA	NA	NA	MIR3660
388677	ENSG00000264343	7.22562371	0.20454699	0.45357376	0.04946836	0.14780908	NOTCH2NLA
105372030	ENSG00000264345	1.26815405	0.05970746	0.38825467	0.2724082	NA	LINC01894
109617010	ENSG00000264346	0	NA	NA	NA	NA	SNORA77B
100423020	ENSG00000264349	0	NA	NA	NA	NA	MIR4258

NA	ENSG00000264350	0	NA	NA	NA	NA	SNRPGP2
NA	ENSG00000264352	0	NA	NA	NA	NA	RN7SL602P
100422990	ENSG00000264354	0	NA	NA	NA	NA	MIR3134
100616116	ENSG00000264357	0	NA	NA	NA	NA	MIR4648
100422947	ENSG00000264358	0	NA	NA	NA	NA	MIR3122
NA	ENSG00000264359	0.16735865	0.01897177	0.38482933	0.78225479	NA	NEK4P2
140735	ENSG00000264364	3813.89959	-0.14102914	0.06096551	0.01900998	0.06992175	DYNLL2
NA	ENSG00000264365	0.98064951	-0.02440786	0.38053749	0.70460941	NA	
100422986	ENSG00000264370	0	NA	NA	NA	NA	MIR3125
100616365	ENSG00000264371	0	NA	NA	NA	NA	MIR4425
NA	ENSG00000264373	0	NA	NA	NA	NA	
100616380	ENSG00000264377	0	NA	NA	NA	NA	MIR4671
NA	ENSG00000264379	0	NA	NA	NA	NA	
NA	ENSG00000264384	0	NA	NA	NA	NA	RN7SL431P
100616183	ENSG00000264386	0	NA	NA	NA	NA	MIR4513
100846996	ENSG00000264387	0	NA	NA	NA	NA	MIR5007
NA	ENSG00000264388	0	NA	NA	NA	NA	
100616180	ENSG00000264390	0	NA	NA	NA	NA	MIR4465
NA	ENSG00000264391	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL208P
100422904	ENSG00000264395	0	NA	NA	NA	NA	MIR3193
100500916	ENSG00000264397	0	NA	NA	NA	NA	MIR3180-5
100616220	ENSG00000264399	0	NA	NA	NA	NA	MIR4736
NA	ENSG00000264400	0	NA	NA	NA	NA	RN7SL491P
100616215	ENSG00000264402	0	NA	NA	NA	NA	MIR548AL
NA	ENSG00000264404	0	NA	NA	NA	NA	LINC02675
100500903	ENSG00000264405	0	NA	NA	NA	NA	MIR3913-1
100847084	ENSG00000264406	0	NA	NA	NA	NA	MIR548AP
100616484	ENSG00000264408	0	NA	NA	NA	NA	MIR4470
100616384	ENSG00000264419	0	NA	NA	NA	NA	MIR548AC
NA	ENSG00000264421	0	NA	NA	NA	NA	
NA	ENSG00000264422	0	NA	NA	NA	NA	
NA	ENSG00000264423	0	NA	NA	NA	NA	RN7SL718P
4622	ENSG00000264424	0	NA	NA	NA	NA	MYH4
100616117	ENSG00000264425	0	NA	NA	NA	NA	MIR4653
100422917	ENSG00000264426	0	NA	NA	NA	NA	MIR4283-1
100422835	ENSG00000264429	0	NA	NA	NA	NA	MIR3183
NA	ENSG00000264431	0	NA	NA	NA	NA	
NA	ENSG00000264434	0	NA	NA	NA	NA	

NA	ENSG00000264435	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000264438	0	NA	NA	NA	NA	RN7SL560P
NA	ENSG00000264443	0	NA	NA	NA	NA	NCMAP-DT
NA	ENSG00000264444	0	NA	NA	NA	NA	SDHCP1
114515521	ENSG00000264448	0.99137342	0.04527728	0.38580686	0.37954878	NA	MIR378D2HG
NA	ENSG00000264449	10.2947515	3.04073965	1.00232688	0.00014964	0.00109357	
NA	ENSG00000264451	0	NA	NA	NA	NA	
NA	ENSG00000264452	0	NA	NA	NA	NA	
NA	ENSG00000264456	0.3411089	0.02362652	0.3853534	0.62410636	NA	
NA	ENSG00000264458	0	NA	NA	NA	NA	
101928144	ENSG00000264464	0	NA	NA	NA	NA	LINC02837
100616401	ENSG00000264468	0	NA	NA	NA	NA	MIR4520-1
100616338	ENSG00000264470	0	NA	NA	NA	NA	MIR4794
NA	ENSG00000264472	0.18922458	0.01954053	0.38488496	0.78225479	NA	
100616465	ENSG00000264474	0	NA	NA	NA	NA	MIR4656
NA	ENSG00000264475	0	NA	NA	NA	NA	
100847043	ENSG00000264477	0	NA	NA	NA	NA	MIR5682
100616432	ENSG00000264480	0	NA	NA	NA	NA	MIR4714
100616239	ENSG00000264482	0	NA	NA	NA	NA	MIR4705
100847072	ENSG00000264483	0	NA	NA	NA	NA	MIR5008
NA	ENSG00000264484	0	NA	NA	NA	NA	RN7SL697P
NA	ENSG00000264486	0	NA	NA	NA	NA	
NA	ENSG00000264488	0	NA	NA	NA	NA	
NA	ENSG00000264490	0	NA	NA	NA	NA	
NA	ENSG00000264491	39.4086414	0.06823491	0.27860163	0.72666489	0.86949107	
100423021	ENSG00000264493	0	NA	NA	NA	NA	MIR4298
NA	ENSG00000264497	0	NA	NA	NA	NA	
100422879	ENSG00000264500	0	NA	NA	NA	NA	MIR3124
NA	ENSG00000264501	1.59145465	0.0044622	0.38042689	0.94053079	NA	RN7SL731P
NA	ENSG00000264503	0	NA	NA	NA	NA	
100500841	ENSG00000264511	0	NA	NA	NA	NA	MIR3678
100847038	ENSG00000264512	0	NA	NA	NA	NA	MIR5692A2
NA	ENSG00000264513	0	NA	NA	NA	NA	
NA	ENSG00000264514	0	NA	NA	NA	NA	
284395	ENSG00000264515	0	NA	NA	NA	NA	VSTM2B-DT
NA	ENSG00000264519	0	NA	NA	NA	NA	RN7SL596P
NA	ENSG00000264520	1.71190653	0.02597481	0.37914872	0.71996942	NA	
56957	ENSG00000264522	816.250818	0.22335952	0.12492993	0.05797487	0.16694071	OTUD7B

100616464	ENSG00000264525	0	NA	NA	NA	NA	MIR4778
NA	ENSG00000264529	0	NA	NA	NA	NA	DNAJB6P8
NA	ENSG00000264530	0	NA	NA	NA	NA	RN7SL25P
100422933	ENSG00000264534	0	NA	NA	NA	NA	MIR378B
100847085	ENSG00000264536	0	NA	NA	NA	NA	MIR5706
NA	ENSG00000264538	244.11303	-0.03453062	0.14335461	0.79405353	0.90579008	SUZ12P1
100847035	ENSG00000264539	0	NA	NA	NA	NA	MIR548AR
NA	ENSG00000264540	0	NA	NA	NA	NA	RN7SL405P
NA	ENSG00000264545	25.3441418	0.04620383	0.30014283	0.80916351	0.91334153	
NA	ENSG00000264546	1.32329776	-0.01905333	0.3795836	0.7753457	NA	
NA	ENSG00000264548	13.0255198	0.5970751	0.74121208	0.03369579	0.11004519	
619570	ENSG00000264549	0	NA	NA	NA	NA	SNORD95
100422997	ENSG00000264553	0	NA	NA	NA	NA	MIR4257
NA	ENSG00000264554	0.6366565	0.00228925	0.38250921	0.95570647	NA	RN7SL793P
NA	ENSG00000264558	0	NA	NA	NA	NA	
100422880	ENSG00000264559	0	NA	NA	NA	NA	MIR3162
100616175	ENSG00000264563	0	NA	NA	NA	NA	MIR4633
NA	ENSG00000264564	0	NA	NA	NA	NA	
100500809	ENSG00000264566	0	NA	NA	NA	NA	MIR23C
113523640	ENSG00000264569	2.10859591	-0.0209939	0.37647237	0.79692106	NA	DCXR-DT
NA	ENSG00000264570	0	NA	NA	NA	NA	SNX19P3
100616290	ENSG00000264571	0	NA	NA	NA	NA	MIR4529
100423041	ENSG00000264572	0	NA	NA	NA	NA	MIR4296
NA	ENSG00000264573	1.56187122	0.11388474	0.40724906	0.05270798	NA	RN7SL15P
NA	ENSG00000264574	0	NA	NA	NA	NA	
NA	ENSG00000264575	45.0471303	0.14318926	0.28695022	0.47327198	0.69536236	LINC00526
NA	ENSG00000264577	48.8418887	0.1257477	0.25698621	0.51819116	0.73205017	
NA	ENSG00000264578	0	NA	NA	NA	NA	
100847013	ENSG00000264580	0	NA	NA	NA	NA	MIR5692B
NA	ENSG00000264582	0	NA	NA	NA	NA	RN7SL326P
100616222	ENSG00000264583	0	NA	NA	NA	NA	MIR4487
100616436	ENSG00000264585	0	NA	NA	NA	NA	MIR4449
NA	ENSG00000264587	0	NA	NA	NA	NA	
NA	ENSG00000264589	20.8142218	-0.67763614	0.56081067	0.02517787	0.08766423	MAPT-AS1
NA	ENSG00000264592	0	NA	NA	NA	NA	RN7SL131P
NA	ENSG00000264595	0	NA	NA	NA	NA	
NA	ENSG00000264596	0	NA	NA	NA	NA	
NA	ENSG00000264598	0	NA	NA	NA	NA	

100423016	ENSG00000264603	0	NA	NA	NA	NA	MIR3159
100422981	ENSG00000264607	0	NA	NA	NA	NA	MIR3173
100616482	ENSG00000264610	0	NA	NA	NA	NA	MIR4685
NA	ENSG00000264613	0	NA	NA	NA	NA	RN7SL290P
100847054	ENSG00000264614	0	NA	NA	NA	NA	MIR5588
NA	ENSG00000264615	0	NA	NA	NA	NA	RN7SL592P
100616434	ENSG00000264616	0	NA	NA	NA	NA	MIR4755
NA	ENSG00000264617	0	NA	NA	NA	NA	
NA	ENSG00000264618	0	NA	NA	NA	NA	RN7SL732P
100847065	ENSG00000264621	0	NA	NA	NA	NA	MIR5591
NA	ENSG00000264622	0	NA	NA	NA	NA	
100616166	ENSG00000264623	0	NA	NA	NA	NA	MIR4796
NA	ENSG00000264630	0.16735865	0.01897177	0.38482933	0.78225479	NA	PRKCA-AS1
100422952	ENSG00000264633	0	NA	NA	NA	NA	MIR4271
NA	ENSG00000264634	0	NA	NA	NA	NA	
NA	ENSG00000264635	3.51800324	0.05049978	0.37215414	0.6464302	0.82381649	
100422869	ENSG00000264638	0	NA	NA	NA	NA	MIR3152
NA	ENSG00000264643	0	NA	NA	NA	NA	
NA	ENSG00000264644	0	NA	NA	NA	NA	KRT18P8
NA	ENSG00000264647	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100847051	ENSG00000264653	0	NA	NA	NA	NA	MIR5194
NA	ENSG00000264655	3.19614673	0.08755629	0.38148105	0.42879382	0.65462623	PPIAP54
100422830	ENSG00000264657	0	NA	NA	NA	NA	MIR3171
100616471	ENSG00000264658	0	NA	NA	NA	NA	MIR4798
NA	ENSG00000264659	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000264660	8.07345845	0.08426766	0.36122807	0.5703177	0.7706786	
100422912	ENSG00000264661	0	NA	NA	NA	NA	MIR3200
NA	ENSG00000264662	0	NA	NA	NA	NA	
NA	ENSG00000264663	0	NA	NA	NA	NA	KRT8P34
NA	ENSG00000264666	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000264668	4.71284225	0.01756204	0.37286721	0.8555545	0.93552696	
101927688	ENSG00000264672	6.41023908	0.02412579	0.35627022	0.86174673	0.93867658	SEPTIN4-AS1
NA	ENSG00000264673	0.33471731	0.02354391	0.38534154	0.62842204	NA	
100422858	ENSG00000264675	0	NA	NA	NA	NA	MIR4285
NA	ENSG00000264676	0	NA	NA	NA	NA	RN7SL204P
100422896	ENSG00000264678	0	NA	NA	NA	NA	MIR3140
100616392	ENSG00000264684	0	NA	NA	NA	NA	MIR4773-1
NA	ENSG00000264685	0	NA	NA	NA	NA	PRPF19P1

NA	ENSG00000264689	0	NA	NA	NA	NA	
NA	ENSG00000264693	0	NA	NA	NA	NA	
NA	ENSG00000264695	0	NA	NA	NA	NA	
NA	ENSG00000264697	0	NA	NA	NA	NA	MTL3P
100422898	ENSG00000264698	0	NA	NA	NA	NA	MIR4255
NA	ENSG00000264699	0	NA	NA	NA	NA	LINC01912
NA	ENSG00000264701	0.173733	0.01914545	0.38484597	0.78225479	NA	
100616171	ENSG00000264703	0	NA	NA	NA	NA	MIR4752
NA	ENSG00000264705	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000264706	0	NA	NA	NA	NA	RN7SL217P
101927150	ENSG00000264707	0.15069912	-0.01848503	0.38480575	0.84537521	NA	L3MBTL4-AS1
100616261	ENSG00000264712	0	NA	NA	NA	NA	MIR4504
NA	ENSG00000264714	0	NA	NA	NA	NA	KIAA0895LP1
100996758	ENSG00000264717	0	NA	NA	NA	NA	NPY4R2
100422871	ENSG00000264720	0	NA	NA	NA	NA	MIR3117
100422908	ENSG00000264725	0	NA	NA	NA	NA	MIR3129
NA	ENSG00000264727	0	NA	NA	NA	NA	
NA	ENSG00000264729	0	NA	NA	NA	NA	
100616342	ENSG00000264732	0	NA	NA	NA	NA	MIR4638
100616195	ENSG00000264733	0	NA	NA	NA	NA	MIR4718
NA	ENSG00000264734	34.7953855	0.3038023	0.34095821	0.16767784	0.35871254	
NA	ENSG00000264735	2.51671632	-0.01909365	0.37437995	0.82935918	NA	
NA	ENSG00000264736	0	NA	NA	NA	NA	BDP1P
100616379	ENSG00000264737	0	NA	NA	NA	NA	MIR4511
NA	ENSG00000264739	0.30001658	-0.02294459	0.38527539	0.68644831	NA	
100616158	ENSG00000264741	0	NA	NA	NA	NA	MIR4505
NA	ENSG00000264743	0	NA	NA	NA	NA	DPRXP4
100616333	ENSG00000264744	0	NA	NA	NA	NA	MIR3689C
NA	ENSG00000264745	0.66943461	0.03059546	0.38616409	0.42784935	NA	TTC39C-AS1
100500834	ENSG00000264747	0	NA	NA	NA	NA	MIR3924
NA	ENSG00000264750	0	NA	NA	NA	NA	
NA	ENSG00000264754	0	NA	NA	NA	NA	
100422957	ENSG00000264755	0	NA	NA	NA	NA	MIR3131
100423025	ENSG00000264757	0	NA	NA	NA	NA	MIR3198-1
100422950	ENSG00000264760	0	NA	NA	NA	NA	MIR3141
100422909	ENSG00000264763	0	NA	NA	NA	NA	MIR4295
100616157	ENSG00000264764	0	NA	NA	NA	NA	MIR4772
NA	ENSG00000264765	0	NA	NA	NA	NA	

NA	ENSG00000264767	0	NA	NA	NA	NA	RN7SL237P
NA	ENSG00000264769	1.95838051	0.04854816	0.38169383	0.52534148	NA	
NA	ENSG00000264772	192.415976	0.21494307	0.17598575	0.16991031	0.3617363	
100616164	ENSG00000264773	0	NA	NA	NA	NA	MIR4420
NA	ENSG00000264775	0	NA	NA	NA	NA	PPIAP14
100616422	ENSG00000264781	0	NA	NA	NA	NA	MIR4537
NA	ENSG00000264785	0	NA	NA	NA	NA	
100422876	ENSG00000264788	0	NA	NA	NA	NA	MIR3148
NA	ENSG00000264790	0	NA	NA	NA	NA	
NA	ENSG00000264791	0	NA	NA	NA	NA	
100616271	ENSG00000264792	0	NA	NA	NA	NA	MIR4637
100616370	ENSG00000264793	0	NA	NA	NA	NA	MIR4771-1
100846993	ENSG00000264796	0	NA	NA	NA	NA	MIR5009
100422895	ENSG00000264800	0	NA	NA	NA	NA	MIR4294
NA	ENSG00000264801	4.68474424	-0.02692665	0.36494149	0.81932461	0.91761737	ERVFRD-3
100847050	ENSG00000264802	0	NA	NA	NA	NA	MIR5191
100422867	ENSG00000264803	0	NA	NA	NA	NA	MIR378C
NA	ENSG00000264808	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000264809	0	NA	NA	NA	NA	
100616493	ENSG00000264810	0	NA	NA	NA	NA	MIR4441
NA	ENSG00000264812	3.7414339	-0.12135977	0.39395516	0.2820924	0.50694866	
NA	ENSG00000264813	1.01419946	-0.05393314	0.38937579	0.23962431	NA	
100422821	ENSG00000264814	0	NA	NA	NA	NA	MIR1273C
100422893	ENSG00000264823	0	NA	NA	NA	NA	MIR3154
100847006	ENSG00000264824	0	NA	NA	NA	NA	MIR5571
NA	ENSG00000264825	0	NA	NA	NA	NA	
NA	ENSG00000264829	0.63693105	-0.01718161	0.38279086	0.69925092	NA	
NA	ENSG00000264833	0	NA	NA	NA	NA	RN7SL468P
NA	ENSG00000264834	0	NA	NA	NA	NA	
NA	ENSG00000264837	3.41908284	0.10456877	0.38622944	0.35956268	0.58949503	VN1R71P
NA	ENSG00000264840	0	NA	NA	NA	NA	RN7SL404P
NA	ENSG00000264843	0	NA	NA	NA	NA	
105372179	ENSG00000264845	0	NA	NA	NA	NA	
100423013	ENSG00000264850	0	NA	NA	NA	NA	MIR4310
NA	ENSG00000264853	0.48996017	0.01145102	0.38340314	0.78247147	NA	
100847007	ENSG00000264857	0	NA	NA	NA	NA	MIR5696
NA	ENSG00000264859	0.16735865	0.01897177	0.38482933	0.78225479	NA	DSG2-AS1
NA	ENSG00000264860	2.30962327	-0.06125115	0.38108233	0.48877635	NA	

NA	ENSG00000264862	0	NA	NA	NA	NA	RN7SL45P
100500908	ENSG00000264864	0	NA	NA	NA	NA	MIR3613
NA	ENSG00000264869	0	NA	NA	NA	NA	
NA	ENSG00000264874	0	NA	NA	NA	NA	
NA	ENSG00000264876	0	NA	NA	NA	NA	
NA	ENSG00000264879	0	NA	NA	NA	NA	RN7SL690P
NA	ENSG00000264880	0	NA	NA	NA	NA	
NA	ENSG00000264881	0	NA	NA	NA	NA	
NA	ENSG00000264892	0	NA	NA	NA	NA	NOS2P4
NA	ENSG00000264895	0.78714674	-0.00586495	0.380819	0.91746412	NA	
100500859	ENSG00000264897	0	NA	NA	NA	NA	MIR3921
100500814	ENSG00000264901	0	NA	NA	NA	NA	MIR3616
100616478	ENSG00000264906	0	NA	NA	NA	NA	MIR4494
NA	ENSG00000264907	0	NA	NA	NA	NA	PRELID3BP3
NA	ENSG00000264910	0	NA	NA	NA	NA	RN7SL525P
NA	ENSG00000264911	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000264914	0	NA	NA	NA	NA	
NA	ENSG00000264916	0	NA	NA	NA	NA	RN7SL230P
102724532	ENSG00000264920	54.3970046	0.11304609	0.25598503	0.56018123	0.76415299	SP2-DT
100616278	ENSG00000264922	0	NA	NA	NA	NA	MIR4540
NA	ENSG00000264924	2.48346994	-0.11286517	0.39726424	0.22955395	NA	
100616492	ENSG00000264926	0	NA	NA	NA	NA	MIR378F
NA	ENSG00000264930	0	NA	NA	NA	NA	
100423011	ENSG00000264931	0	NA	NA	NA	NA	MIR3138
NA	ENSG00000264932	1.3341002	0.0304521	0.38068775	0.65151414	NA	
NA	ENSG00000264933	0	NA	NA	NA	NA	RN7SL190P
100422863	ENSG00000264934	0	NA	NA	NA	NA	MIR4265
NA	ENSG00000264937	1.05234559	0.02732851	0.38243694	0.61937029	NA	
NA	ENSG00000264940	0	NA	NA	NA	NA	SNORD3C
100616441	ENSG00000264941	0	NA	NA	NA	NA	MIR4474
NA	ENSG00000264943	9.90821843	-0.07523544	0.35330805	0.62499445	0.80891708	SH3GLIP2
100422972	ENSG00000264947	0	NA	NA	NA	NA	MIR3181
400612	ENSG00000264954	0.63581861	0.00152195	0.38250328	0.96992631	NA	PRR29-AS1
NA	ENSG00000264956	19.9538234	-0.53012008	0.52508899	0.04831174	0.14503024	
NA	ENSG00000264958	0	NA	NA	NA	NA	ALOX12P1
100616359	ENSG00000264961	0	NA	NA	NA	NA	MIR4730
NA	ENSG00000264963	0	NA	NA	NA	NA	RN7SL440P
NA	ENSG00000264964	1.65801976	0.01314046	0.37788879	0.85957031	NA	TWSG1-DT

100847059	ENSG00000264966	0	NA	NA	NA	NA	MIR5094
NA	ENSG00000264968	0.52840919	-0.03096427	0.38603379	0.5030887	NA	
NA	ENSG00000264970	0	NA	NA	NA	NA	
NA	ENSG00000264971	0	NA	NA	NA	NA	PRR13P4
100616395	ENSG00000264974	0	NA	NA	NA	NA	MIR4789
100616431	ENSG00000264975	0	NA	NA	NA	NA	MIR4431
NA	ENSG00000264978	0	NA	NA	NA	NA	RN7SL630P
100616123	ENSG00000264979	0	NA	NA	NA	NA	MIR4436B1
NA	ENSG00000264982	10.9008729	0.00864762	0.37954804	0.89946702	0.95557174	
100847015	ENSG00000264984	0	NA	NA	NA	NA	MIR5691
101928251	ENSG00000264985	0.8161332	-0.00631362	0.38151348	0.90270029	NA	
100847039	ENSG00000264986	0	NA	NA	NA	NA	MIR5092
NA	ENSG00000264990	0	NA	NA	NA	NA	
692209	ENSG00000264994	0	NA	NA	NA	NA	SNORD92
NA	ENSG00000264997	0	NA	NA	NA	NA	
100847067	ENSG00000264999	0	NA	NA	NA	NA	MIR5089
101927877	ENSG00000265000	0	NA	NA	NA	NA	MARCHF10-DT
100616447	ENSG00000265003	0	NA	NA	NA	NA	MIR4780
100422923	ENSG00000265005	0	NA	NA	NA	NA	MIR548W
100422891	ENSG00000265007	0	NA	NA	NA	NA	MIR4327
NA	ENSG00000265008	0.83820844	-0.00827659	0.38011597	0.89178584	NA	
NA	ENSG00000265010	0.50207596	0.02562368	0.38565771	0.52549886	NA	
100422827	ENSG00000265014	0	NA	NA	NA	NA	MIR3160-1
NA	ENSG00000265015	0	NA	NA	NA	NA	
414224	ENSG00000265018	120.383116	-0.08755003	0.19174482	0.59739319	0.78921427	AGAP12P
NA	ENSG00000265019	0	NA	NA	NA	NA	NCOR1P2
NA	ENSG00000265028	0	NA	NA	NA	NA	
NA	ENSG00000265031	0	NA	NA	NA	NA	
NA	ENSG00000265033	1.33491668	0.00490661	0.37773228	0.94699099	NA	RN7SL262P
NA	ENSG00000265038	0	NA	NA	NA	NA	PMM2P1
NA	ENSG00000265041	0	NA	NA	NA	NA	
NA	ENSG00000265043	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000265046	0	NA	NA	NA	NA	
NA	ENSG00000265052	0.16735865	0.01897177	0.38482933	0.78225479	NA	RN7SL622P
NA	ENSG00000265055	4.47785777	0.13501806	0.39610549	0.27201817	0.49544115	
100422862	ENSG00000265056	0	NA	NA	NA	NA	MIR548S
100616219	ENSG00000265057	0	NA	NA	NA	NA	MIR4765
23614	ENSG00000265060	0	NA	NA	NA	NA	PPY2P

NA	ENSG00000265061	0	NA	NA	NA	NA	
100616410	ENSG00000265064	0	NA	NA	NA	NA	MIR4692
101927188	ENSG00000265069	0	NA	NA	NA	NA	
NA	ENSG00000265073	0	NA	NA	NA	NA	
100500871	ENSG00000265075	0	NA	NA	NA	NA	MIR3622B
NA	ENSG00000265078	0	NA	NA	NA	NA	RN7SL664P
100500900	ENSG00000265083	0	NA	NA	NA	NA	MIR3691
100616160	ENSG00000265089	0	NA	NA	NA	NA	MIR4655
NA	ENSG00000265091	0.173733	0.01914545	0.38484597	0.78225479	NA	
100616327	ENSG00000265092	0	NA	NA	NA	NA	MIR4484
NA	ENSG00000265093	0.173124	-0.01911262	0.38486262	0.84537521	NA	RN7SL246P
NA	ENSG00000265094	0	NA	NA	NA	NA	
NA	ENSG00000265095	2.21906273	-0.15468813	0.42817414	0.02075289	NA	FTLP12
NA	ENSG00000265096	45.0384029	-0.21916177	0.31618723	0.28797159	0.51369864	C1QTNF1-AS1
NA	ENSG00000265097	0	NA	NA	NA	NA	RBM22P1
100616293	ENSG00000265098	0	NA	NA	NA	NA	MIR4510
NA	ENSG00000265099	1.75472034	0.034626	0.38047576	0.6266103	NA	
NA	ENSG00000265100	6.45427325	0.01229033	0.35283446	0.93281274	0.97195551	
NA	ENSG00000265101	0	NA	NA	NA	NA	
100500904	ENSG00000265102	0	NA	NA	NA	NA	MIR3942
2702	ENSG00000265107	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GJA5
100616125	ENSG00000265110	0	NA	NA	NA	NA	MIR4731
100422936	ENSG00000265112	0	NA	NA	NA	NA	MIR3153
NA	ENSG00000265113	0	NA	NA	NA	NA	
NA	ENSG00000265115	0	NA	NA	NA	NA	
NA	ENSG00000265118	0	NA	NA	NA	NA	
NA	ENSG00000265121	0	NA	NA	NA	NA	
NA	ENSG00000265123	0	NA	NA	NA	NA	RN7SL200P
NA	ENSG00000265125	0.90839259	-0.0644145	0.39115204	0.21688926	NA	
NA	ENSG00000265126	1.03964425	0.0595157	0.38761454	0.30856214	NA	
NA	ENSG00000265128	0	NA	NA	NA	NA	
100422899	ENSG00000265134	0	NA	NA	NA	NA	MIR3190
100847019	ENSG00000265135	0	NA	NA	NA	NA	MIR5687
NA	ENSG00000265136	0.73690411	0.02419484	0.38396554	0.57817081	NA	
100422875	ENSG00000265137	0	NA	NA	NA	NA	MIR3192
NA	ENSG00000265139	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100422855	ENSG00000265140	0	NA	NA	NA	NA	MIR4301
NA	ENSG00000265141	0	NA	NA	NA	NA	RN7SL451P

102723167	ENSG00000265142	9.44779985	0.1696829	0.39076834	0.28649115	0.51225526	MIR133A1HG
100616428	ENSG00000265144	0	NA	NA	NA	NA	MIR548AM
26796	ENSG00000265145	0	NA	NA	NA	NA	SNORD53
100506779	ENSG00000265148	56.3334308	-0.1071752	0.24685706	0.57333514	0.7729263	TSPOAP1-AS1
100616247	ENSG00000265154	0	NA	NA	NA	NA	MIR151B
NA	ENSG00000265158	15.086674	0.64974479	0.70676615	0.02983935	0.09995148	LRRC37A7P
100847029	ENSG00000265160	0	NA	NA	NA	NA	MIR5003
NA	ENSG00000265163	0	NA	NA	NA	NA	CDRT8
100616110	ENSG00000265164	0	NA	NA	NA	NA	MIR2681
100423019	ENSG00000265165	0	NA	NA	NA	NA	MIR4307
NA	ENSG00000265168	0	NA	NA	NA	NA	
NA	ENSG00000265170	0	NA	NA	NA	NA	RN7SL667P
100422996	ENSG00000265172	0	NA	NA	NA	NA	MIR4262
NA	ENSG00000265174	0	NA	NA	NA	NA	
100422987	ENSG00000265176	0	NA	NA	NA	NA	MIR3202-1
100616132	ENSG00000265178	0	NA	NA	NA	NA	MIR4728
NA	ENSG00000265179	0	NA	NA	NA	NA	
100616334	ENSG00000265180	0	NA	NA	NA	NA	MIR4790
100616301	ENSG00000265181	0	NA	NA	NA	NA	MIR4674
NA	ENSG00000265182	0	NA	NA	NA	NA	SRP72P1
NA	ENSG00000265185	9.86964159	-0.08347004	0.3506193	0.60237784	0.79259054	SNORD3B-1
NA	ENSG00000265188	0	NA	NA	NA	NA	
653145	ENSG00000265190	0.51541447	0.01780411	0.38334237	0.7081393	NA	ANXA8
100500877	ENSG00000265193	0	NA	NA	NA	NA	MIR3923
NA	ENSG00000265194	34.8945767	0.13297601	0.28732374	0.50364587	0.72027205	
100422971	ENSG00000265195	0	NA	NA	NA	NA	MIR4312
100616343	ENSG00000265201	0	NA	NA	NA	NA	MIR4677
5949	ENSG00000265203	6.00674271	-0.01260313	0.36088187	0.91816925	0.9653411	RBP3
NA	ENSG00000265204	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000265205	1.45799596	-0.00050064	0.37854439	0.99325959	NA	
NA	ENSG00000265206	1.24776146	-0.0880894	0.39752711	0.11338828	NA	
100616118	ENSG00000265210	0	NA	NA	NA	NA	MIR4486
100500867	ENSG00000265213	0	NA	NA	NA	NA	MIR3684
100423043	ENSG00000265215	0	NA	NA	NA	NA	MIR4269
NA	ENSG00000265217	0	NA	NA	NA	NA	
NA	ENSG00000265218	7.76456883	0.08483307	0.35952103	0.57329458	0.7729263	
NA	ENSG00000265222	0	NA	NA	NA	NA	
100616347	ENSG00000265226	0	NA	NA	NA	NA	MIR548AI

100616133	ENSG00000265227	0	NA	NA	NA	NA	MIR4699
NA	ENSG00000265233	0	NA	NA	NA	NA	
692199	ENSG00000265236	0	NA	NA	NA	NA	SNORD84
100422938	ENSG00000265237	0	NA	NA	NA	NA	MIR3142
NA	ENSG00000265240	0	NA	NA	NA	NA	
9939	ENSG00000265241	3929.43606	0.20457243	0.06528722	0.00147769	0.0082724	RBM8A
NA	ENSG00000265243	0	NA	NA	NA	NA	IGLJCOR18
NA	ENSG00000265246	0	NA	NA	NA	NA	
100616268	ENSG00000265247	0	NA	NA	NA	NA	MIR4472-1
100422903	ENSG00000265251	0	NA	NA	NA	NA	MIR4288
100423039	ENSG00000265252	0	NA	NA	NA	NA	MIR3132
100616476	ENSG00000265253	0	NA	NA	NA	NA	MIR4446
NA	ENSG00000265254	3.92497912	0.00881929	0.37017947	0.9331444	0.97202552	
NA	ENSG00000265257	0	NA	NA	NA	NA	
100616126	ENSG00000265258	0	NA	NA	NA	NA	MIR4686
NA	ENSG00000265260	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL74P
NA	ENSG00000265261	0	NA	NA	NA	NA	
NA	ENSG00000265262	0.49821938	-0.02962129	0.38591302	0.52371665	NA	TRMT112P3
NA	ENSG00000265265	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000265272	0	NA	NA	NA	NA	RN7SL693P
NA	ENSG00000265273	0.16735865	0.01897177	0.38482933	0.78225479	NA	PGDP1
NA	ENSG00000265279	0.16735865	0.01897177	0.38482933	0.78225479	NA	CLUHP6
100500891	ENSG00000265281	0	NA	NA	NA	NA	MIR3935
NA	ENSG00000265282	65.2502396	-0.16002975	0.25150239	0.40736985	0.63571722	
100616373	ENSG00000265284	0	NA	NA	NA	NA	MIR4770
NA	ENSG00000265287	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
NA	ENSG00000265289	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100616300	ENSG00000265291	0	NA	NA	NA	NA	MIR4710
NA	ENSG00000265293	1.67849129	-0.00881956	0.37944232	0.89001089	NA	ARGFXP2
NA	ENSG00000265296	0	NA	NA	NA	NA	FEM1AP2
NA	ENSG00000265298	72.5653699	0.20880042	0.24070122	0.27587382	0.4999394	
100616475	ENSG00000265301	0	NA	NA	NA	NA	MIR548AD
NA	ENSG00000265303	0	NA	NA	NA	NA	
100500824	ENSG00000265304	0	NA	NA	NA	NA	MIR3650
100422838	ENSG00000265306	0	NA	NA	NA	NA	MIR3195
NA	ENSG00000265313	0.94548647	0.02817683	0.38153805	0.62512465	NA	LINC01476
NA	ENSG00000265316	0	NA	NA	NA	NA	
NA	ENSG00000265319	0	NA	NA	NA	NA	RN7SL847P

100422965	ENSG00000265321	0	NA	NA	NA	NA	MIR4263
100422949	ENSG00000265322	0	NA	NA	NA	NA	MIR3118-2
NA	ENSG00000265327	0	NA	NA	NA	NA	RN7SL411P
100616336	ENSG00000265328	0	NA	NA	NA	NA	MIR548AB
100847008	ENSG00000265331	0	NA	NA	NA	NA	MIR4524B
100422926	ENSG00000265333	0	NA	NA	NA	NA	MIR3137
NA	ENSG00000265334	0.32463529	-0.0232795	0.38532233	0.66814185	NA	
NA	ENSG00000265337	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000265340	0	NA	NA	NA	NA	OR4K7P
NA	ENSG00000265342	0	NA	NA	NA	NA	
100847004	ENSG00000265345	0	NA	NA	NA	NA	MIR5188
100422927	ENSG00000265347	0	NA	NA	NA	NA	MIR4291
NA	ENSG00000265349	0	NA	NA	NA	NA	
102724913	ENSG00000265352	0	NA	NA	NA	NA	LINC01899
100287932	ENSG00000265354	1057.10063	-0.15988455	0.09202379	0.07291647	0.19718174	TIMM23
100422859	ENSG00000265355	0	NA	NA	NA	NA	MIR3136
NA	ENSG00000265356	0	NA	NA	NA	NA	
100616319	ENSG00000265357	0	NA	NA	NA	NA	MIR4493
NA	ENSG00000265359	0	NA	NA	NA	NA	
414212	ENSG00000265366	5.85097928	0.04550994	0.35892979	0.74162288	0.87812748	GLUD1P2
100616456	ENSG00000265368	0	NA	NA	NA	NA	MIR4476
728606	ENSG00000265369	6.64274816	0.08983827	0.36825694	0.51995341	0.73349514	PCAT18
100616322	ENSG00000265370	0	NA	NA	NA	NA	MIR4682
100616383	ENSG00000265372	0	NA	NA	NA	NA	MIR4675
100422956	ENSG00000265373	0	NA	NA	NA	NA	MIR3180-2
NA	ENSG00000265374	0	NA	NA	NA	NA	LINC01908
100616192	ENSG00000265375	0	NA	NA	NA	NA	MIR4679-2
100423038	ENSG00000265376	0	NA	NA	NA	NA	MIR466
NA	ENSG00000265378	0	NA	NA	NA	NA	
NA	ENSG00000265380	0	NA	NA	NA	NA	
NA	ENSG00000265386	0.94471403	-0.04640957	0.38510845	0.41091377	NA	RN7SL219P
NA	ENSG00000265388	0	NA	NA	NA	NA	RN7SL391P
100847049	ENSG00000265390	0	NA	NA	NA	NA	MIR4999
100422975	ENSG00000265392	0	NA	NA	NA	NA	MIR4252
NA	ENSG00000265393	2.18096173	0.10723187	0.39932354	0.17177619	NA	
NA	ENSG00000265394	0	NA	NA	NA	NA	
100500911	ENSG00000265395	0	NA	NA	NA	NA	MIR3944
100422824	ENSG00000265396	0	NA	NA	NA	NA	MIR3128

NA	ENSG00000265399	11.4196059	0.06741998	0.34944157	0.67019123	0.83758072	
NA	ENSG00000265400	0	NA	NA	NA	NA	
NA	ENSG00000265401	15.47796	-0.10970107	0.34373389	0.53060967	0.74235215	
NA	ENSG00000265402	0	NA	NA	NA	NA	RSL24D1P9
100422979	ENSG00000265407	0	NA	NA	NA	NA	MIR4324
NA	ENSG00000265408	0	NA	NA	NA	NA	
NA	ENSG00000265411	0.93740107	-0.01319234	0.38218708	0.78656931	NA	RN7SL656P
NA	ENSG00000265413	6.48696328	-0.17366962	0.40044452	0.25193558	0.47181441	
NA	ENSG00000265415	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000265417	1.1318482	-0.05815251	0.38689775	0.31832615	NA	
100422929	ENSG00000265418	0	NA	NA	NA	NA	MIR4261
100616159	ENSG00000265420	0	NA	NA	NA	NA	MIR4779
NA	ENSG00000265421	0	NA	NA	NA	NA	
100616391	ENSG00000265422	0	NA	NA	NA	NA	MIR4684
100616206	ENSG00000265423	0	NA	NA	NA	NA	MIR4652
NA	ENSG00000265425	0	NA	NA	NA	NA	
NA	ENSG00000265428	0	NA	NA	NA	NA	
100616208	ENSG00000265429	0	NA	NA	NA	NA	MIR4782
100422984	ENSG00000265432	0	NA	NA	NA	NA	MIR4308
100616485	ENSG00000265433	0	NA	NA	NA	NA	MIR4447
100423032	ENSG00000265435	0	NA	NA	NA	NA	MIR3121
NA	ENSG00000265437	0	NA	NA	NA	NA	
NA	ENSG00000265439	0	NA	NA	NA	NA	RN7SL811P
100500866	ENSG00000265442	0	NA	NA	NA	NA	MIR3941
NA	ENSG00000265443	0.9675488	-0.0541588	0.38936753	0.24613069	NA	
100616266	ENSG00000265444	0	NA	NA	NA	NA	MIR4733
NA	ENSG00000265445	0.18922458	0.01954053	0.38488496	0.78225479	NA	
100616227	ENSG00000265450	0	NA	NA	NA	NA	MIR4502
NA	ENSG00000265451	1.99522301	-0.04663653	0.37824869	0.59545135	NA	CLASP1-AS1
100500850	ENSG00000265452	0	NA	NA	NA	NA	MIR3682
NA	ENSG00000265453	0	NA	NA	NA	NA	
100500869	ENSG00000265456	0	NA	NA	NA	NA	MIR3672
NA	ENSG00000265458	18.5541256	-0.48587055	0.57441393	0.05269072	0.1548976	NARF-AS2
NA	ENSG00000265460	0	NA	NA	NA	NA	
100500917	ENSG00000265462	0	NA	NA	NA	NA	MIR3680-1
100616249	ENSG00000265465	0	NA	NA	NA	NA	MIR4768
NA	ENSG00000265469	0	NA	NA	NA	NA	POLR3KP2
100847078	ENSG00000265470	0	NA	NA	NA	NA	MIR548AQ

NA	ENSG00000265472	0	NA	NA	NA	NA	FAM32DP
NA	ENSG00000265474	4.87424751	-0.00395587	0.38205648	0.92668806	0.96932621	
NA	ENSG00000265477	0	NA	NA	NA	NA	
NA	ENSG00000265478	2.19994038	-0.05467511	0.37944441	0.54086343	NA	
441263	ENSG00000265479	294.462876	0.46212636	0.15746711	0.00137727	0.00779381	2P1-UPK3BP1-PMS2P11
284085	ENSG00000265480	1.83743985	-0.0750431	0.38755204	0.33621961	NA	KRT18P55
100616407	ENSG00000265483	0	NA	NA	NA	NA	MIR4443
NA	ENSG00000265484	0	NA	NA	NA	NA	
729950	ENSG00000265485	0.31685993	0.00125799	0.38336764	0.96580001	NA	LINC01915
NA	ENSG00000265486	0	NA	NA	NA	NA	RN7SL518P
NA	ENSG00000265487	0.33471731	0.02354391	0.38534154	0.62842204	NA	
100128006	ENSG00000265489	0	NA	NA	NA	NA	ARHGAP44-AS1
NA	ENSG00000265490	1.15245264	0.01693462	0.38101332	0.77142385	NA	
27246	ENSG00000265491	891.605857	-0.14774866	0.09060672	0.09274139	0.23565436	RNF115
NA	ENSG00000265494	0	NA	NA	NA	NA	
NA	ENSG00000265496	1.75968879	-0.0299657	0.37654604	0.72500368	NA	
100422907	ENSG00000265499	0	NA	NA	NA	NA	MIR3156-2
100616494	ENSG00000265503	0	NA	NA	NA	NA	MIR1269B
100616499	ENSG00000265507	0	NA	NA	NA	NA	MIR4435-1
100616399	ENSG00000265510	0	NA	NA	NA	NA	MIR4436A
NA	ENSG00000265511	10.3431281	0.07034062	0.35575773	0.64142325	0.82042546	
105371969	ENSG00000265514	0	NA	NA	NA	NA	LINC01892
NA	ENSG00000265519	1.75354942	0.07480695	0.38579928	0.37789113	NA	
100422850	ENSG00000265520	0	NA	NA	NA	NA	MIR548V
100847055	ENSG00000265521	0	NA	NA	NA	NA	MIR5697
100422931	ENSG00000265526	0	NA	NA	NA	NA	MIR4304
100847048	ENSG00000265527	0	NA	NA	NA	NA	MIR5690
NA	ENSG00000265531	0.15069912	-0.01848503	0.38480575	0.84537521	NA	FCGR1CP
643542	ENSG00000265533	0.32413808	-0.02327552	0.38532172	0.66842782	NA	DSEL-AS1
NA	ENSG00000265535	0	NA	NA	NA	NA	RN7SL475P
100422870	ENSG00000265537	0	NA	NA	NA	NA	MIR3180-1
100616189	ENSG00000265538	0	NA	NA	NA	NA	MIR4421
100422846	ENSG00000265539	0	NA	NA	NA	NA	MIR3164
NA	ENSG00000265541	0	NA	NA	NA	NA	H3P41
NA	ENSG00000265542	0.63747948	-0.01818272	0.38355465	0.68634922	NA	
100506677	ENSG00000265544	0	NA	NA	NA	NA	
NA	ENSG00000265545	0	NA	NA	NA	NA	ELOCP27
NA	ENSG00000265547	0	NA	NA	NA	NA	

NA	ENSG00000265552	0	NA	NA	NA	NA	
NA	ENSG00000265554	0	NA	NA	NA	NA	
101927430	ENSG00000265555	0	NA	NA	NA	NA	LINC01903
100500851	ENSG00000265558	0	NA	NA	NA	NA	MIR3918
NA	ENSG00000265559	1.72829899	0.10596211	0.40101904	0.11378953	NA	RN7SL652P
100616121	ENSG00000265561	0	NA	NA	NA	NA	MIR1268B
NA	ENSG00000265564	0	NA	NA	NA	NA	PIGPP4
100422934	ENSG00000265565	0	NA	NA	NA	NA	MIR3143
NA	ENSG00000265566	0	NA	NA	NA	NA	RN7SL605P
NA	ENSG00000265574	0.83034025	-0.01012228	0.38019718	0.8678055	NA	WDR45BP1
NA	ENSG00000265579	0	NA	NA	NA	NA	
100616491	ENSG00000265584	0	NA	NA	NA	NA	MIR3978
100847056	ENSG00000265588	0	NA	NA	NA	NA	MIR5708
110091775	ENSG00000265590	143.259119	0.14518193	0.21474967	0.41837507	0.6444567	CFAP298-TCP10L
NA	ENSG00000265593	0	NA	NA	NA	NA	NPM1P45
100616225	ENSG00000265595	0	NA	NA	NA	NA	MIR4756
100500801	ENSG00000265596	0	NA	NA	NA	NA	MIR3659
100847032	ENSG00000265598	0	NA	NA	NA	NA	MIR5707
100616451	ENSG00000265599	0	NA	NA	NA	NA	MIR4471
100616120	ENSG00000265606	0	NA	NA	NA	NA	MIR4695
100616374	ENSG00000265612	0	NA	NA	NA	NA	MIR4539
NA	ENSG00000265614	0	NA	NA	NA	NA	
100616440	ENSG00000265617	0	NA	NA	NA	NA	MIR548AG2
NA	ENSG00000265618	0	NA	NA	NA	NA	
100423017	ENSG00000265623	0	NA	NA	NA	NA	MIR3139
NA	ENSG00000265625	7.41524468	0.04151214	0.35200225	0.77964876	0.89925062	
NA	ENSG00000265626	0	NA	NA	NA	NA	
NA	ENSG00000265630	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000265631	0	NA	NA	NA	NA	BNIP3P3
100500817	ENSG00000265635	0	NA	NA	NA	NA	MIR3612
NA	ENSG00000265639	0.63748239	-0.02082864	0.38315199	0.67025234	NA	
100500864	ENSG00000265641	0	NA	NA	NA	NA	MIR3929
NA	ENSG00000265643	0	NA	NA	NA	NA	
NA	ENSG00000265644	0	NA	NA	NA	NA	
NA	ENSG00000265646	193.012262	0.05751359	0.16788289	0.7050578	0.85803894	TUFMP1
NA	ENSG00000265648	0	NA	NA	NA	NA	RN7SL279P
100616488	ENSG00000265653	0	NA	NA	NA	NA	MIR548AK
NA	ENSG00000265656	0.52439725	0.01097425	0.38327009	0.76869054	NA	

100422992	ENSG00000265657	0	NA	NA	NA	NA	MIR3151
100500894	ENSG00000265658	0	NA	NA	NA	NA	MIR3690
100616318	ENSG00000265660	0	NA	NA	NA	NA	MIR4664
NA	ENSG00000265664	0.173733	0.01914545	0.38484597	0.78225479	NA	
101929693	ENSG00000265666	115.825339	0.11454495	0.19502188	0.49685582	0.71500229	RARA-AS1
100616191	ENSG00000265669	0	NA	NA	NA	NA	MIR548AJ1
NA	ENSG00000265670	0	NA	NA	NA	NA	
NA	ENSG00000265671	0	NA	NA	NA	NA	
100616275	ENSG00000265673	0	NA	NA	NA	NA	MIR4508
NA	ENSG00000265675	0	NA	NA	NA	NA	RN7SL708P
NA	ENSG00000265678	25.0968858	0.2022817	0.33047749	0.32191867	0.54956623	
6139	ENSG00000265681	13009.1811	-0.19181736	0.06149829	0.00169969	0.00934124	RPL17
100422994	ENSG00000265682	0	NA	NA	NA	NA	MIR4267
NA	ENSG00000265683	8.08298726	-0.09189582	0.3615205	0.53983361	0.7487625	SYPL1P2
NA	ENSG00000265684	0	NA	NA	NA	NA	RN7SL378P
92659	ENSG00000265688	197.815474	0.00963642	0.1633037	0.94921648	0.97907226	MAFG-DT
NA	ENSG00000265689	0	NA	NA	NA	NA	
NA	ENSG00000265690	391.252506	0.49330357	0.128364	4.80E-05	0.00039517	
100616325	ENSG00000265691	0	NA	NA	NA	NA	MIR4460
101929511	ENSG00000265692	8.73294918	0.35806469	0.55769843	0.06351061	0.17891043	LINC01970
NA	ENSG00000265693	0	NA	NA	NA	NA	
100616356	ENSG00000265694	0	NA	NA	NA	NA	MIR4774
NA	ENSG00000265697	0	NA	NA	NA	NA	
NA	ENSG00000265698	0	NA	NA	NA	NA	LARP7P3
100616339	ENSG00000265699	0	NA	NA	NA	NA	MIR548AE2
105371855	ENSG00000265702	0.18922458	0.01954053	0.38488496	0.78225479	NA	
109617012	ENSG00000265706	0	NA	NA	NA	NA	SNORD53B
NA	ENSG00000265712	0	NA	NA	NA	NA	
NA	ENSG00000265713	0.36294697	0.02389471	0.3853924	0.60997031	NA	
NA	ENSG00000265717	0	NA	NA	NA	NA	
100616398	ENSG00000265719	0	NA	NA	NA	NA	MIR4681
100422948	ENSG00000265724	0	NA	NA	NA	NA	MIR4284
100422951	ENSG00000265725	0	NA	NA	NA	NA	MIR3144
NA	ENSG00000265727	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL648P
NA	ENSG00000265728	0	NA	NA	NA	NA	
109616974	ENSG00000265733	0	NA	NA	NA	NA	SNORA74C-1
100616375	ENSG00000265734	0	NA	NA	NA	NA	MIR4438
NA	ENSG00000265735	0	NA	NA	NA	NA	RN7SL5P

NA	ENSG00000265737	0	NA	NA	NA	NA	
NA	ENSG00000265739	0	NA	NA	NA	NA	
NA	ENSG00000265740	0	NA	NA	NA	NA	RN7SL339P
NA	ENSG00000265743	0	NA	NA	NA	NA	
100616390	ENSG00000265744	0	NA	NA	NA	NA	MIR4427
NA	ENSG00000265745	0	NA	NA	NA	NA	RN7SL375P
NA	ENSG00000265746	0.48787706	0.01117732	0.38338963	0.78669732	NA	KYNUP2
NA	ENSG00000265749	9.21546995	0.48125739	0.81232895	0.02424201	0.08501712	
NA	ENSG00000265750	0.9496642	-0.01442231	0.38154735	0.78800895	NA	
NA	ENSG00000265751	0	NA	NA	NA	NA	
NA	ENSG00000265752	0.70442492	0.05124568	0.38859665	0.29599299	NA	
NA	ENSG00000265753	0.34046374	-0.00016945	0.38336226	0.96685887	NA	RN7SL444P
NA	ENSG00000265758	0	NA	NA	NA	NA	LINC01900
118738	ENSG00000265763	90.6226393	0.87382927	0.25803888	0.00010028	0.00076256	ZNF488
NA	ENSG00000265766	0	NA	NA	NA	NA	CXADRP3
100616140	ENSG00000265768	0	NA	NA	NA	NA	MIR4506
NA	ENSG00000265775	0	NA	NA	NA	NA	
NA	ENSG00000265777	0	NA	NA	NA	NA	RN7SL624P
101927989	ENSG00000265778	11.8424135	0.1469862	0.36460627	0.39674353	0.6258107	ZNF516-AS1
NA	ENSG00000265781	0	NA	NA	NA	NA	
NA	ENSG00000265784	0	NA	NA	NA	NA	
105372009	ENSG00000265786	0	NA	NA	NA	NA	LINC01906
284233	ENSG00000265787	5.02409994	-0.05590141	0.36492133	0.66239569	0.83329723	CYP4F35P
NA	ENSG00000265788	0	NA	NA	NA	NA	NOS2P1
100422930	ENSG00000265789	0	NA	NA	NA	NA	MIR4330
NA	ENSG00000265790	27.8676453	-0.18995965	0.33604082	0.34155325	0.57180671	RNASEH1P1
NA	ENSG00000265791	0.82710998	0.01914661	0.38143897	0.73410543	NA	
NA	ENSG00000265794	0.74659737	-0.03303578	0.38644226	0.4112877	NA	
NA	ENSG00000265798	0	NA	NA	NA	NA	
NA	ENSG00000265799	0	NA	NA	NA	NA	
NA	ENSG00000265800	17.0547762	-0.06661282	0.32633184	0.70747805	0.85903201	
NA	ENSG00000265801	0	NA	NA	NA	NA	
NA	ENSG00000265802	0.82838705	0.01875839	0.38140496	0.73929943	NA	RN7SL49P
100422860	ENSG00000265806	0	NA	NA	NA	NA	MIR4292
9554	ENSG00000265808	1377.81162	-0.05362741	0.07612208	0.47223039	0.69446676	SEC22B
100500835	ENSG00000265810	0	NA	NA	NA	NA	MIR3907
NA	ENSG00000265813	0	NA	NA	NA	NA	RN7SL300P
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NA	ENSG00000265815	0	NA	NA	NA	NA	
100861412	ENSG00000265817	132.72826	0.56066733	0.22039301	0.00314122	0.01574579	FSBP
NA	ENSG00000265818	0	NA	NA	NA	NA	EEF1E1-BLOC1S5
100423012	ENSG00000265820	0	NA	NA	NA	NA	MIR3177
100616272	ENSG00000265822	0	NA	NA	NA	NA	MIR4422
100500857	ENSG00000265828	0	NA	NA	NA	NA	MIR3939
100616450	ENSG00000265829	0	NA	NA	NA	NA	MIR548AG1
100422856	ENSG00000265831	0	NA	NA	NA	NA	MIR3123
NA	ENSG00000265833	0	NA	NA	NA	NA	
NA	ENSG00000265836	0	NA	NA	NA	NA	CCND3P2
NA	ENSG00000265840	0	NA	NA	NA	NA	
100422920	ENSG00000265841	0	NA	NA	NA	NA	MIR548X
NA	ENSG00000265843	0	NA	NA	NA	NA	LINC01029
NA	ENSG00000265844	0	NA	NA	NA	NA	
101927018	ENSG00000265845	0.40269637	-0.02377963	0.38540121	0.6699083	NA	
100423042	ENSG00000265846	0	NA	NA	NA	NA	MIR4276
100422828	ENSG00000265847	0	NA	NA	NA	NA	MIR4287
100616131	ENSG00000265848	0	NA	NA	NA	NA	MIR3689D1
100616216	ENSG00000265850	0	NA	NA	NA	NA	MIR4797
NA	ENSG00000265853	0	NA	NA	NA	NA	
100616181	ENSG00000265855	0	NA	NA	NA	NA	MIR4514
100847040	ENSG00000265859	0	NA	NA	NA	NA	MIR5704
100616287	ENSG00000265861	0	NA	NA	NA	NA	MIR4495
NA	ENSG00000265863	0	NA	NA	NA	NA	GPR160P2
100616258	ENSG00000265867	0	NA	NA	NA	NA	MIR4516
100422841	ENSG00000265871	0	NA	NA	NA	NA	MIR3174
100500846	ENSG00000265872	0	NA	NA	NA	NA	MIR3689A
100423015	ENSG00000265873	0	NA	NA	NA	NA	MIR4289
100616284	ENSG00000265874	0	NA	NA	NA	NA	MIR4489
100500836	ENSG00000265878	0	NA	NA	NA	NA	MIR3914-1
100616425	ENSG00000265879	0	NA	NA	NA	NA	MIR4748
NA	ENSG00000265881	0	NA	NA	NA	NA	PDLIM1P2
NA	ENSG00000265882	0	NA	NA	NA	NA	RN7SL73P
NA	ENSG00000265883	0	NA	NA	NA	NA	
NA	ENSG00000265885	0	NA	NA	NA	NA	RN7SL783P
101927698	ENSG00000265888	0	NA	NA	NA	NA	DSCAS
NA	ENSG00000265889	0	NA	NA	NA	NA	
NA	ENSG00000265892	0	NA	NA	NA	NA	RN7SL311P

NA	ENSG00000265894	0	NA	NA	NA	NA	RN7SL357P
NA	ENSG00000265897	0	NA	NA	NA	NA	
100616402	ENSG00000265902	0	NA	NA	NA	NA	MIR4696
NA	ENSG00000265905	0	NA	NA	NA	NA	RN7SL96P
NA	ENSG00000265907	1.49741855	0.01963734	0.38028567	0.80759673	NA	
NA	ENSG00000265908	1.3295243	0.01054126	0.37899783	0.87646421	NA	
NA	ENSG00000265912	1.44879697	-0.02835453	0.37884896	0.70447593	NA	
NA	ENSG00000265916	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
100500802	ENSG00000265917	0	NA	NA	NA	NA	MIR3685
NA	ENSG00000265918	0	NA	NA	NA	NA	RN7SL543P
100422887	ENSG00000265919	0	NA	NA	NA	NA	MIR4280
100847082	ENSG00000265924	0	NA	NA	NA	NA	MIR5692C1
NA	ENSG00000265927	0	NA	NA	NA	NA	
100847062	ENSG00000265929	0	NA	NA	NA	NA	MIR5195
100422967	ENSG00000265932	0	NA	NA	NA	NA	MIR3146
400643	ENSG00000265933	0	NA	NA	NA	NA	LINC00668
NA	ENSG00000265934	0	NA	NA	NA	NA	ARL2BPP1
NA	ENSG00000265935	0	NA	NA	NA	NA	
NA	ENSG00000265936	0	NA	NA	NA	NA	
NA	ENSG00000265939	3.04337621	0.12447873	0.3983372	0.24172294	0.45967442	UBE2CP2
NA	ENSG00000265942	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL577P
NA	ENSG00000265943	3.30941308	-0.0517433	0.37652938	0.59474445	0.78785671	
100130480	ENSG00000265944	0	NA	NA	NA	NA	LINC01387
NA	ENSG00000265946	0	NA	NA	NA	NA	
NA	ENSG00000265948	0	NA	NA	NA	NA	
100616313	ENSG00000265954	0	NA	NA	NA	NA	MIR4749
100616129	ENSG00000265956	0	NA	NA	NA	NA	MIR4445
100422829	ENSG00000265957	0	NA	NA	NA	NA	MIR4319
NA	ENSG00000265961	0	NA	NA	NA	NA	
100287082	ENSG00000265962	0.36248992	0.00103435	0.3833652	0.96603808	NA	GACAT2
NA	ENSG00000265964	0	NA	NA	NA	NA	
100423027	ENSG00000265965	0	NA	NA	NA	NA	MIR4266
NA	ENSG00000265967	0	NA	NA	NA	NA	
NA	ENSG00000265971	20.0070849	-0.11828264	0.33396191	0.51931195	0.73285078	
10628	ENSG00000265972	2476.89232	0.18768769	0.08799847	0.02810456	0.09534788	TXNIP
NA	ENSG00000265973	0	NA	NA	NA	NA	
NA	ENSG00000265975	0	NA	NA	NA	NA	
100616449	ENSG00000265976	0	NA	NA	NA	NA	MIR4725

NA	ENSG00000265980	0	NA	NA	NA	NA	
100422864	ENSG00000265981	0	NA	NA	NA	NA	MIR544B
NA	ENSG00000265982	0	NA	NA	NA	NA	
NA	ENSG00000265984	0	NA	NA	NA	NA	GREB1L-DT
100616363	ENSG00000265986	0	NA	NA	NA	NA	MIR4735
NA	ENSG00000265987	0	NA	NA	NA	NA	
100616231	ENSG00000265991	0	NA	NA	NA	NA	MIR4519
790952	ENSG00000265992	0	NA	NA	NA	NA	ESRG
100847064	ENSG00000265993	0	NA	NA	NA	NA	MIR5694
NA	ENSG00000265994	0	NA	NA	NA	NA	
NA	ENSG00000265995	0	NA	NA	NA	NA	
100500854	ENSG00000265996	0	NA	NA	NA	NA	MIR3671
NA	ENSG00000266002	0	NA	NA	NA	NA	
NA	ENSG00000266003	0	NA	NA	NA	NA	
100616470	ENSG00000266006	0	NA	NA	NA	NA	MIR4488
NA	ENSG00000266009	0	NA	NA	NA	NA	
100128893	ENSG00000266010	0	NA	NA	NA	NA	GATA6-AS1
100616295	ENSG00000266012	0	NA	NA	NA	NA	MIR4764
105371766	ENSG00000266013	0	NA	NA	NA	NA	LINC02079
NA	ENSG00000266014	0	NA	NA	NA	NA	
100422954	ENSG00000266015	0	NA	NA	NA	NA	MIR4309
100500856	ENSG00000266016	0	NA	NA	NA	NA	MIR548Z
100616194	ENSG00000266017	0	NA	NA	NA	NA	MIR4477B
100500819	ENSG00000266019	0	NA	NA	NA	NA	MIR3609
23380	ENSG00000266028	1484.54157	-0.62778874	0.07882265	4.66E-16	1.36E-14	SRGAP2
NA	ENSG00000266036	1.34662713	0.0554058	0.3851292	0.40614999	NA	SLC9A3R1-AS1
100616348	ENSG00000266038	0	NA	NA	NA	NA	MIR4659A
100616292	ENSG00000266041	0	NA	NA	NA	NA	MIR4690
NA	ENSG00000266042	0	NA	NA	NA	NA	
100500816	ENSG00000266043	0	NA	NA	NA	NA	MIR3649
NA	ENSG00000266048	0	NA	NA	NA	NA	
NA	ENSG00000266049	0	NA	NA	NA	NA	
NA	ENSG00000266050	0	NA	NA	NA	NA	
100616182	ENSG00000266052	0	NA	NA	NA	NA	MIR4500
101927275	ENSG00000266053	10.5053323	0.01368606	0.34185615	0.93278445	0.97195551	NDUFV2-AS1
NA	ENSG00000266059	0	NA	NA	NA	NA	RN7SL140P
NA	ENSG00000266065	0	NA	NA	NA	NA	
NA	ENSG00000266066	16.6934395	0.10822105	0.32737676	0.56175025	0.76504152	POLRMTP1

100500897	ENSG00000266071	0	NA	NA	NA	NA	MIR3617
100847003	ENSG00000266072	0	NA	NA	NA	NA	MIR5693
57597	ENSG00000266074	2122.34232	-0.51988122	0.07062408	6.86E-14	1.71E-12	BAHCC1
NA	ENSG00000266075	1.81132485	-0.00356988	0.37436366	0.96622418	NA	RN7SL574P
NA	ENSG00000266076	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
100616473	ENSG00000266078	0	NA	NA	NA	NA	MIR4432
NA	ENSG00000266079	1.72269957	0.08870728	0.39252163	0.24680919	NA	SNORA59B
NA	ENSG00000266086	340.767945	0.30839261	0.13737836	0.01591817	0.06048964	
NA	ENSG00000266088	0.173124	-0.01911262	0.38486262	0.84537521	NA	
83593	ENSG00000266094	39.5485661	-0.54056881	0.49598642	0.04327868	0.13324783	RASSF5
100847087	ENSG00000266097	0	NA	NA	NA	NA	MIR5192
100847031	ENSG00000266099	0	NA	NA	NA	NA	MIR5700
101927557	ENSG00000266100	0	NA	NA	NA	NA	
NA	ENSG00000266101	0	NA	NA	NA	NA	
NA	ENSG00000266102	0	NA	NA	NA	NA	
100422945	ENSG00000266104	0	NA	NA	NA	NA	MIR4326
NA	ENSG00000266105	0	NA	NA	NA	NA	
NA	ENSG00000266106	0	NA	NA	NA	NA	
100616196	ENSG00000266107	0	NA	NA	NA	NA	MIR4525
100616397	ENSG00000266109	0	NA	NA	NA	NA	MIR4440
100616481	ENSG00000266110	0	NA	NA	NA	NA	MIR4423
NA	ENSG00000266111	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
NA	ENSG00000266114	0	NA	NA	NA	NA	
NA	ENSG00000266117	0	NA	NA	NA	NA	FBXO36P1
NA	ENSG00000266120	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
100847028	ENSG00000266124	0	NA	NA	NA	NA	MIR5587
NA	ENSG00000266126	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000266127	0	NA	NA	NA	NA	ZNF415P1
NA	ENSG00000266128	0	NA	NA	NA	NA	RN7SL366P
NA	ENSG00000266129	0	NA	NA	NA	NA	SRP68P1
100616243	ENSG00000266133	0	NA	NA	NA	NA	MIR4759
100616341	ENSG00000266139	0	NA	NA	NA	NA	MIR4435-2
100616362	ENSG00000266140	0	NA	NA	NA	NA	MIR4533
100616386	ENSG00000266144	0	NA	NA	NA	NA	MIR4654
NA	ENSG00000266145	0.36334279	0.00171037	0.38337116	0.95967127	NA	RHOT1P1
100847080	ENSG00000266146	0	NA	NA	NA	NA	MIR5190
100847025	ENSG00000266148	0	NA	NA	NA	NA	MIR5583-1
100192426	ENSG00000266149	1.39403746	-0.04123731	0.38337128	0.50084244	NA	

100616409	ENSG00000266150	0	NA	NA	NA	NA	MIR4711
100500813	ENSG00000266151	0	NA	NA	NA	NA	MIR3646
NA	ENSG00000266153	0	NA	NA	NA	NA	
NA	ENSG00000266155	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000266158	0	NA	NA	NA	NA	RN7SL785P
NA	ENSG00000266160	0	NA	NA	NA	NA	RN7SL612P
NA	ENSG00000266162	0	NA	NA	NA	NA	YWHAEP2
NA	ENSG00000266166	0	NA	NA	NA	NA	RN7SL557P
100422939	ENSG00000266168	0	NA	NA	NA	NA	MIR3147
NA	ENSG00000266171	1.88716132	0.0590295	0.38074774	0.50449764	NA	
92335	ENSG00000266173	1651.38692	-0.02290702	0.08217634	0.77462643	0.89613481	STRADA
100616308	ENSG00000266174	0	NA	NA	NA	NA	MIR4666A
NA	ENSG00000266179	0	NA	NA	NA	NA	
100423005	ENSG00000266180	0	NA	NA	NA	NA	MIR4282
NA	ENSG00000266181	0	NA	NA	NA	NA	EIF4A3P1
NA	ENSG00000266184	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000266185	0	NA	NA	NA	NA	RN7SL804P
NA	ENSG00000266187	0	NA	NA	NA	NA	RN7SL480P
NA	ENSG00000266188	0	NA	NA	NA	NA	
100422944	ENSG00000266189	0	NA	NA	NA	NA	MIR3186
NA	ENSG00000266190	0	NA	NA	NA	NA	
100422991	ENSG00000266192	0	NA	NA	NA	NA	MIR1260B
100616245	ENSG00000266194	0	NA	NA	NA	NA	MIR4661
NA	ENSG00000266195	0	NA	NA	NA	NA	RN7SL163P
NA	ENSG00000266196	0	NA	NA	NA	NA	
5408	ENSG00000266200	0	NA	NA	NA	NA	PNLIPRP2
NA	ENSG00000266201	0	NA	NA	NA	NA	SS18L2P2
NA	ENSG00000266202	0.33471731	0.02354391	0.38534154	0.62842204	NA	
100847018	ENSG00000266203	0	NA	NA	NA	NA	MIR5585
100847093	ENSG00000266204	0	NA	NA	NA	NA	MIR5589
100500870	ENSG00000266206	0	NA	NA	NA	NA	MIR3926-1
NA	ENSG00000266208	108.306012	0.2215831	0.21564777	0.21892684	0.43081814	
NA	ENSG00000266210	0	NA	NA	NA	NA	RN7SL371P
100423018	ENSG00000266211	0	NA	NA	NA	NA	MIR3156-3
NA	ENSG00000266213	0	NA	NA	NA	NA	
100422918	ENSG00000266215	0	NA	NA	NA	NA	MIR3167
NA	ENSG00000266217	0	NA	NA	NA	NA	CTSLP2
NA	ENSG00000266222	0	NA	NA	NA	NA	

100422980	ENSG00000266226	0	NA	NA	NA	NA	MIR4323
NA	ENSG00000266227	0	NA	NA	NA	NA	NPM1P2
100500890	ENSG00000266228	0	NA	NA	NA	NA	MIR3611
100422974	ENSG00000266232	0	NA	NA	NA	NA	MIR3178
100423037	ENSG00000266235	0	NA	NA	NA	NA	MIR3176
NA	ENSG00000266236	14.4136228	0.11153694	0.34079357	0.53404604	0.74532031	NARF-IT1
NA	ENSG00000266237	0	NA	NA	NA	NA	
100847023	ENSG00000266240	0	NA	NA	NA	NA	MIR5091
NA	ENSG00000266242	0	NA	NA	NA	NA	GRAMD4P7
100422874	ENSG00000266243	0	NA	NA	NA	NA	MIR4279
100616430	ENSG00000266245	0	NA	NA	NA	NA	MIR4644
NA	ENSG00000266248	0	NA	NA	NA	NA	
NA	ENSG00000266251	0	NA	NA	NA	NA	COX6CP3
100616289	ENSG00000266255	0	NA	NA	NA	NA	MIR4475
284276	ENSG00000266256	0	NA	NA	NA	NA	LINC00683
400660	ENSG00000266256	0	NA	NA	NA	NA	LINC00683
101927481	ENSG00000266258	1.88966594	0.02247882	0.37573313	0.79081764	NA	LINC01909
NA	ENSG00000266261	4.26164784	0.1055187	0.38613619	0.36099321	0.59083527	
100616141	ENSG00000266262	0	NA	NA	NA	NA	MIR4428
136259	ENSG00000266265	2.06530926	0.13677544	0.41855081	0.02553523	NA	KLF14
NA	ENSG00000266268	0	NA	NA	NA	NA	
NA	ENSG00000266270	0	NA	NA	NA	NA	
NA	ENSG00000266273	0	NA	NA	NA	NA	
NA	ENSG00000266274	0	NA	NA	NA	NA	RN7SL138P
100616366	ENSG00000266276	0	NA	NA	NA	NA	MIR4743
101060542	ENSG00000266278	0	NA	NA	NA	NA	LINC01910
NA	ENSG00000266279	0	NA	NA	NA	NA	
NA	ENSG00000266282	0	NA	NA	NA	NA	UBL5P2
NA	ENSG00000266283	0	NA	NA	NA	NA	
100500886	ENSG00000266287	0	NA	NA	NA	NA	MIR3683
NA	ENSG00000266288	0	NA	NA	NA	NA	
NA	ENSG00000266289	1.10858595	-0.05735758	0.38661793	0.33281449	NA	
101927666	ENSG00000266290	0	NA	NA	NA	NA	DYNLL2-DT
NA	ENSG00000266296	0	NA	NA	NA	NA	ARIH2P1
100126313	ENSG00000266297	0	NA	NA	NA	NA	MIR744
100423008	ENSG00000266299	0	NA	NA	NA	NA	MIR3118-1
NA	ENSG00000266302	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000266304	0	NA	NA	NA	NA	LIVAR

100616405	ENSG00000266305	0	NA	NA	NA	NA	MIR4518
NA	ENSG00000266306	0.70914614	0.00138095	0.38179928	0.97588822	NA	
100847022	ENSG00000266307	0	NA	NA	NA	NA	MIR5093
NA	ENSG00000266308	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SL510P
NA	ENSG00000266311	0	NA	NA	NA	NA	
NA	ENSG00000266312	0	NA	NA	NA	NA	LINC01927
NA	ENSG00000266313	3.59825851	0.03400387	0.36975105	0.75649078	0.88693352	
100616114	ENSG00000266315	0	NA	NA	NA	NA	MIR4668
NA	ENSG00000266317	0	NA	NA	NA	NA	RN7SL703P
100847066	ENSG00000266318	0	NA	NA	NA	NA	MIR5692A1
100500826	ENSG00000266320	0	NA	NA	NA	NA	MIR3909
100422843	ENSG00000266321	0	NA	NA	NA	NA	MIR4293
100616260	ENSG00000266324	0	NA	NA	NA	NA	MIR4663
100500861	ENSG00000266325	0	NA	NA	NA	NA	MIR3665
100616280	ENSG00000266327	0	NA	NA	NA	NA	MIR4503
100847061	ENSG00000266328	0	NA	NA	NA	NA	MIR4536-2
100422962	ENSG00000266329	0	NA	NA	NA	NA	MIR4281
NA	ENSG00000266335	0	NA	NA	NA	NA	
284565	ENSG00000266338	3674.0171	0.20321757	0.05939433	0.00052923	0.00338814	NBPF15
NA	ENSG00000266340	13.2220935	0.49182485	0.61650182	0.0512399	0.15188997	
NA	ENSG00000266341	0	NA	NA	NA	NA	
100616267	ENSG00000266354	0	NA	NA	NA	NA	MIR4776-1
NA	ENSG00000266356	0	NA	NA	NA	NA	
NA	ENSG00000266357	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02074
NA	ENSG00000266364	0	NA	NA	NA	NA	
NA	ENSG00000266365	0	NA	NA	NA	NA	
NA	ENSG00000266368	0.48661599	-0.00612017	0.38313447	0.87191015	NA	
NA	ENSG00000266369	2.98951805	-0.0034595	0.37156635	0.96971778	0.98858357	
100500889	ENSG00000266370	0	NA	NA	NA	NA	MIR3657
NA	ENSG00000266371	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000266373	0	NA	NA	NA	NA	
NA	ENSG00000266378	0	NA	NA	NA	NA	
NA	ENSG00000266379	0	NA	NA	NA	NA	
100847021	ENSG00000266383	0	NA	NA	NA	NA	MIR5002
NA	ENSG00000266385	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000266389	0	NA	NA	NA	NA	PIK3R5-DT
100616294	ENSG00000266392	0	NA	NA	NA	NA	MIR4740
100422955	ENSG00000266396	0	NA	NA	NA	NA	MIR4273

NA	ENSG00000266397	0	NA	NA	NA	NA	
105371967	ENSG00000266401	0	NA	NA	NA	NA	
NA	ENSG00000266402	7.54906747	-0.21011321	0.4283854	0.16298309	0.35195933	SNHG25
645158	ENSG00000266405	12.9130855	0.07757887	0.34945247	0.62710367	0.81074787	CBX3P2
100422892	ENSG00000266407	0	NA	NA	NA	NA	MIR3157
8031	ENSG00000266412	1569.18184	-0.67513058	0.07394415	1.75E-20	6.72E-19	NCOA4
100616326	ENSG00000266415	0	NA	NA	NA	NA	MIR4636
NA	ENSG00000266416	0	NA	NA	NA	NA	
100616328	ENSG00000266417	0	NA	NA	NA	NA	MIR4424
NA	ENSG00000266420	0	NA	NA	NA	NA	RN7SL118P
100616349	ENSG00000266421	0	NA	NA	NA	NA	MIR4451
100423029	ENSG00000266423	0	NA	NA	NA	NA	MIR3163
100616172	ENSG00000266426	0	NA	NA	NA	NA	MIR4719
100847076	ENSG00000266431	0	NA	NA	NA	NA	MIR5580
440419	ENSG00000266433	0	NA	NA	NA	NA	TBC1D3P5
100422888	ENSG00000266436	0	NA	NA	NA	NA	MIR4264
100616371	ENSG00000266437	0	NA	NA	NA	NA	MIR4746
NA	ENSG00000266439	0	NA	NA	NA	NA	RN7SL493P
NA	ENSG00000266441	1.53172135	0.07852923	0.38963288	0.29301142	NA	ARHGAP28-AS1
NA	ENSG00000266445	1.57162846	0.09514478	0.39732687	0.14468076	NA	NARF-AS1
NA	ENSG00000266446	0.32494042	0.00171366	0.38337179	0.96390323	NA	
NA	ENSG00000266448	0	NA	NA	NA	NA	
100500855	ENSG00000266449	0	NA	NA	NA	NA	MIR3713
NA	ENSG00000266450	0	NA	NA	NA	NA	
NA	ENSG00000266456	7.04132253	-0.03475504	0.35249951	0.80882997	0.91334153	
100422852	ENSG00000266458	0	NA	NA	NA	NA	MIR4259
NA	ENSG00000266460	0	NA	NA	NA	NA	
100616495	ENSG00000266461	0	NA	NA	NA	NA	MIR2392
100423014	ENSG00000266463	0	NA	NA	NA	NA	MIR3196
NA	ENSG00000266466	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000266467	0	NA	NA	NA	NA	RN7SL220P
NA	ENSG00000266469	4.8457244	-0.08575171	0.38104221	0.43385562	0.65913894	
NA	ENSG00000266470	0	NA	NA	NA	NA	
54460	ENSG00000266472	2054.53346	0.20330718	0.07330932	0.00468901	0.02201893	MRPS21
NA	ENSG00000266473	2.39022402	-0.08433776	0.38524734	0.38341503	NA	HELZ-AS1
NA	ENSG00000266477	0	NA	NA	NA	NA	RN7SL616P
100846991	ENSG00000266478	0	NA	NA	NA	NA	MIR5197
NA	ENSG00000266479	0	NA	NA	NA	NA	

NA	ENSG00000266489	0	NA	NA	NA	NA	
NA	ENSG00000266490	14.7133458	-0.22653085	0.40026004	0.22278054	0.4358511	
100616178	ENSG00000266494	0	NA	NA	NA	NA	MIR4641
NA	ENSG00000266495	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000266498	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000266501	0.32394738	0.00201184	0.38337548	0.96182076	NA	ATG12P1
100847058	ENSG00000266502	0	NA	NA	NA	NA	MIR5681A
NA	ENSG00000266503	0	NA	NA	NA	NA	RN7SL162P
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NA	ENSG00000266505	0	NA	NA	NA	NA	
100616480	ENSG00000266507	0	NA	NA	NA	NA	MIR4479
100422916	ENSG00000266508	0	NA	NA	NA	NA	MIR3201
100500873	ENSG00000266509	0	NA	NA	NA	NA	MIR3934
NA	ENSG00000266513	0	NA	NA	NA	NA	
100616212	ENSG00000266514	0	NA	NA	NA	NA	MIR3689F
100616463	ENSG00000266515	0	NA	NA	NA	NA	MIR4452
100616474	ENSG00000266517	0	NA	NA	NA	NA	MIR4715
100422959	ENSG00000266518	0	NA	NA	NA	NA	MIR4268
NA	ENSG00000266520	0	NA	NA	NA	NA	RAC1P1
NA	ENSG00000266521	0	NA	NA	NA	NA	
NA	ENSG00000266522	1.21752107	0.01843521	0.37907074	0.78990257	NA	
2662	ENSG00000266524	186.574173	-1.5913894	0.23742136	1.58E-12	3.54E-11	GDF10
100616310	ENSG00000266525	0	NA	NA	NA	NA	MIR4650-1
NA	ENSG00000266527	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000266529	0	NA	NA	NA	NA	MTCYBP13
100422857	ENSG00000266530	0	NA	NA	NA	NA	MIR4318
100616490	ENSG00000266531	0	NA	NA	NA	NA	MIR4706
100500828	ENSG00000266533	0	NA	NA	NA	NA	MIR3619
NA	ENSG00000266535	0	NA	NA	NA	NA	
NA	ENSG00000266537	0	NA	NA	NA	NA	SPDYE22P
NA	ENSG00000266538	0.78290473	-0.02638956	0.3832887	0.57443825	NA	
NA	ENSG00000266541	0.33939834	0.0018213	0.38337268	0.97028913	NA	
100847060	ENSG00000266545	0	NA	NA	NA	NA	MIR5701-1
NA	ENSG00000266549	0	NA	NA	NA	NA	ATP6V1E1P2
NA	ENSG00000266553	0	NA	NA	NA	NA	RN7SL356P
400644	ENSG00000266554	0	NA	NA	NA	NA	LINC01443
100423001	ENSG00000266555	0	NA	NA	NA	NA	MIR3145
100616163	ENSG00000266559	0	NA	NA	NA	NA	MIR4530

100533997	ENSG00000266560	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000266561	0	NA	NA	NA	NA	
NA	ENSG00000266563	0	NA	NA	NA	NA	EIF1P5
100616433	ENSG00000266564	0	NA	NA	NA	NA	MIR4418
NA	ENSG00000266569	0	NA	NA	NA	NA	RN7SL377P
100847000	ENSG00000266570	0	NA	NA	NA	NA	MIR5579
NA	ENSG00000266573	0.54517984	0.01459914	0.38349207	0.71670485	NA	
NA	ENSG00000266575	0	NA	NA	NA	NA	BOLA2P1
NA	ENSG00000266578	3.95365874	0.11245354	0.38768381	0.34202003	0.57202996	
NA	ENSG00000266579	0	NA	NA	NA	NA	
100423028	ENSG00000266580	0	NA	NA	NA	NA	MIR4254
100423040	ENSG00000266581	0	NA	NA	NA	NA	MIR3166
100616264	ENSG00000266582	0	NA	NA	NA	NA	MIR4527
100616312	ENSG00000266583	0	NA	NA	NA	NA	MIR4478
NA	ENSG00000266586	0	NA	NA	NA	NA	
NA	ENSG00000266588	0	NA	NA	NA	NA	
100616149	ENSG00000266589	0	NA	NA	NA	NA	MIR4512
100616369	ENSG00000266593	0	NA	NA	NA	NA	MIR4713
100616283	ENSG00000266594	0	NA	NA	NA	NA	MIR4766
NA	ENSG00000266598	0	NA	NA	NA	NA	
NA	ENSG00000266599	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000266601	1.22229222	0.04612793	0.38384336	0.4670253	NA	
NA	ENSG00000266602	0	NA	NA	NA	NA	
NA	ENSG00000266604	0	NA	NA	NA	NA	LINC01887
NA	ENSG00000266605	0	NA	NA	NA	NA	LONRF2P1
NA	ENSG00000266610	0	NA	NA	NA	NA	RN7SL176P
100616423	ENSG00000266611	0	NA	NA	NA	NA	MIR4703
NA	ENSG00000266613	0	NA	NA	NA	NA	COP1P1
NA	ENSG00000266614	0	NA	NA	NA	NA	
100500899	ENSG00000266617	0	NA	NA	NA	NA	MIR3692
100616468	ENSG00000266618	0	NA	NA	NA	NA	MIR4742
100616352	ENSG00000266619	0	NA	NA	NA	NA	MIR4642
NA	ENSG00000266627	0	NA	NA	NA	NA	RN7SL202P
100616188	ENSG00000266634	0	NA	NA	NA	NA	MIR3972
100616168	ENSG00000266640	0	NA	NA	NA	NA	MIR4754
NA	ENSG00000266642	1.73943868	-0.01172474	0.37633403	0.88197406	NA	
100500812	ENSG00000266643	0	NA	NA	NA	NA	MIR3677
NA	ENSG00000266644	1.52563483	0.014434	0.37865035	0.83786354	NA	

100423026	ENSG00000266645	0	NA	NA	NA	NA	MIR4299
NA	ENSG00000266647	0	NA	NA	NA	NA	
NA	ENSG00000266648	0.34113261	0.0236267	0.38535342	0.6240938	NA	SETP3
100423030	ENSG00000266649	0	NA	NA	NA	NA	MIR3126
NA	ENSG00000266651	0.34045131	-0.00010757	0.38336218	0.96627228	NA	
NA	ENSG00000266654	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100500909	ENSG00000266655	0	NA	NA	NA	NA	MIR3908
100422973	ENSG00000266663	0	NA	NA	NA	NA	MIR3169
NA	ENSG00000266664	0	NA	NA	NA	NA	
100616170	ENSG00000266665	0	NA	NA	NA	NA	MIR4739
100422883	ENSG00000266666	0	NA	NA	NA	NA	MIR4325
NA	ENSG00000266667	0	NA	NA	NA	NA	
100847017	ENSG00000266668	0	NA	NA	NA	NA	MIR5692C2
NA	ENSG00000266673	0	NA	NA	NA	NA	
100422873	ENSG00000266676	0	NA	NA	NA	NA	MIR4297
NA	ENSG00000266677	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000266680	5.85811074	0.15294719	0.39653599	0.27278059	0.49638425	
100422826	ENSG00000266690	0	NA	NA	NA	NA	MIR4274
NA	ENSG00000266691	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000266692	0	NA	NA	NA	NA	
NA	ENSG00000266693	0	NA	NA	NA	NA	OR4K8P
NA	ENSG00000266696	0	NA	NA	NA	NA	
100500818	ENSG00000266698	0	NA	NA	NA	NA	MIR3945
100616186	ENSG00000266703	0	NA	NA	NA	NA	MIR4490
100616179	ENSG00000266704	0	NA	NA	NA	NA	MIR4498
100616213	ENSG00000266705	0	NA	NA	NA	NA	MIR4437
NA	ENSG00000266707	0	NA	NA	NA	NA	PSMD7P1
NA	ENSG00000266708	3.84051816	0.2955572	0.5538528	0.01900602	0.06992015	
NA	ENSG00000266709	0	NA	NA	NA	NA	
NA	ENSG00000266710	0	NA	NA	NA	NA	RN7SL48P
NA	ENSG00000266711	0	NA	NA	NA	NA	
100422921	ENSG00000266712	0	NA	NA	NA	NA	MIR3149
80022	ENSG00000266714	196.049266	1.64478468	0.23451125	1.43E-13	3.48E-12	MYO15B
NA	ENSG00000266717	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000266718	1.45754523	-0.03640255	0.3827622	0.54415233	NA	
100616286	ENSG00000266719	0	NA	NA	NA	NA	MIR4676
NA	ENSG00000266720	0	NA	NA	NA	NA	RN7SL14P
100847016	ENSG00000266721	0	NA	NA	NA	NA	MIR5695

NA	ENSG00000266728	0	NA	NA	NA	NA	
101927718	ENSG00000266729	0	NA	NA	NA	NA	DSG1-AS1
26083	ENSG00000266733	0.16735865	0.01897177	0.38482933	0.78225479	NA	TBC1D29P
NA	ENSG00000266736	6.78969476	-0.05686247	0.35593194	0.69352034	0.85183585	GTF2IP6
100616307	ENSG00000266738	0	NA	NA	NA	NA	MIR4757
100616176	ENSG00000266740	0	NA	NA	NA	NA	MIR4708
NA	ENSG00000266743	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000266744	0	NA	NA	NA	NA	
100422901	ENSG00000266745	0	NA	NA	NA	NA	MIR3135A
100616285	ENSG00000266750	0	NA	NA	NA	NA	MIR4645
100500905	ENSG00000266751	0	NA	NA	NA	NA	MIR3661
NA	ENSG00000266754	0	NA	NA	NA	NA	RN7SL524P
100847001	ENSG00000266756	0	NA	NA	NA	NA	MIR5680
100616109	ENSG00000266760	0	NA	NA	NA	NA	MIR4464
100422889	ENSG00000266761	0	NA	NA	NA	NA	MIR3194
NA	ENSG00000266765	0	NA	NA	NA	NA	
NA	ENSG00000266767	0	NA	NA	NA	NA	
NA	ENSG00000266770	0	NA	NA	NA	NA	RN7SL619P
NA	ENSG00000266771	0	NA	NA	NA	NA	
NA	ENSG00000266774	0	NA	NA	NA	NA	
NA	ENSG00000266775	0.52119901	0.02576573	0.38568143	0.51723676	NA	
100616230	ENSG00000266776	0	NA	NA	NA	NA	MIR4646
NA	ENSG00000266777	44.5750868	0.27478705	0.31032801	0.19812516	0.40237519	SH3GL1P1
100500893	ENSG00000266782	0	NA	NA	NA	NA	MIR3663
NA	ENSG00000266783	4.18866198	-0.03274998	0.36449867	0.78654104	0.90294962	
NA	ENSG00000266786	0	NA	NA	NA	NA	LGALS9DP
NA	ENSG00000266794	0	NA	NA	NA	NA	RN7SL7P
NA	ENSG00000266801	0	NA	NA	NA	NA	
NA	ENSG00000266802	0	NA	NA	NA	NA	
NA	ENSG00000266803	0.47908437	-0.00677604	0.38272732	0.87795337	NA	
NA	ENSG00000266805	0	NA	NA	NA	NA	
NA	ENSG00000266806	0	NA	NA	NA	NA	
100616455	ENSG00000266807	0	NA	NA	NA	NA	MIR548H5
100616305	ENSG00000266808	0	NA	NA	NA	NA	MIR548AE1
NA	ENSG00000266809	0	NA	NA	NA	NA	PPIAP57
NA	ENSG00000266818	0	NA	NA	NA	NA	
NA	ENSG00000266820	38.2699797	0.25795432	0.33219824	0.2267159	0.44128749	KPNA2P3
NA	ENSG00000266821	0.61722212	-0.01616031	0.38340606	0.71513237	NA	

NA	ENSG00000266824	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000266826	0	NA	NA	NA	NA	IGBP1P2
100616460	ENSG00000266827	0	NA	NA	NA	NA	MIR3689E
NA	ENSG00000266828	0	NA	NA	NA	NA	RN7SL712P
NA	ENSG00000266830	0	NA	NA	NA	NA	
NA	ENSG00000266835	0	NA	NA	NA	NA	GAPLINC
NA	ENSG00000266839	1.03393377	0.00427409	0.37995108	0.9441142	NA	
NA	ENSG00000266840	0	NA	NA	NA	NA	
NA	ENSG00000266844	0	NA	NA	NA	NA	
NA	ENSG00000266846	0.78677596	-0.00629194	0.38219487	0.89278077	NA	
101927571	ENSG00000266850	0.73070606	0.01314252	0.38202877	0.79200301	NA	
100616323	ENSG00000266852	0	NA	NA	NA	NA	MIR4482
NA	ENSG00000266853	1.03955927	0.02787145	0.38252478	0.61189782	NA	ITM2BP1
100500821	ENSG00000266855	0	NA	NA	NA	NA	MIR3910-1
NA	ENSG00000266858	0	NA	NA	NA	NA	RPSAP67
NA	ENSG00000266863	0	NA	NA	NA	NA	RN7SL123P
NA	ENSG00000266865	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000266869	0	NA	NA	NA	NA	
NA	ENSG00000266872	0	NA	NA	NA	NA	
NA	ENSG00000266875	0	NA	NA	NA	NA	RN7SL408P
NA	ENSG00000266876	0.87408028	0.04663374	0.38544169	0.40010713	NA	
NA	ENSG00000266877	0	NA	NA	NA	NA	
NA	ENSG00000266885	7.7426215	0.09635001	0.38289587	0.37527416	0.60449338	
100616415	ENSG00000266887	0	NA	NA	NA	NA	MIR4535
100616202	ENSG00000266890	0	NA	NA	NA	NA	MIR4634
NA	ENSG00000266891	0	NA	NA	NA	NA	
NA	ENSG00000266893	0	NA	NA	NA	NA	
NA	ENSG00000266896	12.4301414	0.22716795	0.39805682	0.22833922	0.44354125	
NA	ENSG00000266897	0.70674343	0.02844879	0.38384694	0.55669516	NA	
NA	ENSG00000266899	0	NA	NA	NA	NA	AKR1B1P7
NA	ENSG00000266900	0.83525524	0.01874306	0.38211254	0.71724837	NA	
NA	ENSG00000266901	0	NA	NA	NA	NA	
NA	ENSG00000266903	1.63813306	-0.04125728	0.37986853	0.59787716	NA	CEACAM16-AS1
NA	ENSG00000266904	61.8398606	0.32163062	0.27538803	0.12248698	0.28962737	LINC00663
NA	ENSG00000266905	0	NA	NA	NA	NA	
NA	ENSG00000266906	0	NA	NA	NA	NA	
NA	ENSG00000266907	3.23370399	0.0518365	0.37300147	0.63200967	0.81380269	
NA	ENSG00000266908	0.86412303	-0.0483697	0.38833292	0.29422122	NA	

	NA	ENSG00000266909	0	NA	NA	NA	NA	SLC25A6P4
	NA	ENSG00000266910	5.91763172	-0.01714909	0.35560838	0.89859094	0.95556135	
105372288	NA	ENSG00000266913	0	NA	NA	NA	NA	LINC01841
	NA	ENSG00000266915	0	NA	NA	NA	NA	MRPS5P4
101927720	NA	ENSG00000266916	57.2212795	-0.04805013	0.2440688	0.79781325	0.90734393	ZNF793-AS1
	NA	ENSG00000266918	16.9934618	-0.05375309	0.32856236	0.75693248	0.88697677	
	NA	ENSG00000266919	0	NA	NA	NA	NA	
	NA	ENSG00000266920	0	NA	NA	NA	NA	ACTBP9
101928063	NA	ENSG00000266921	22.1687662	-0.05316844	0.33991199	0.73889543	0.87661815	ZNF230-DT
	NA	ENSG00000266922	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000266923	0	NA	NA	NA	NA	
	NA	ENSG00000266924	0	NA	NA	NA	NA	
	NA	ENSG00000266925	0	NA	NA	NA	NA	
	NA	ENSG00000266928	0	NA	NA	NA	NA	
	NA	ENSG00000266929	2.77131953	-0.01812313	0.37553836	0.82947376	0.92261925	
	NA	ENSG00000266931	0	NA	NA	NA	NA	
	NA	ENSG00000266932	0.51560297	0.03113601	0.38605483	0.47760041	NA	
	NA	ENSG00000266933	9.81950517	0.08729092	0.36155669	0.5578424	0.76280883	MADCAM1-AS1
	NA	ENSG00000266934	9.1727991	0.5152378	0.75331317	0.03584762	0.11549476	
	NA	ENSG00000266936	1.35698394	-0.01906256	0.37975543	0.77209199	NA	
	NA	ENSG00000266938	0	NA	NA	NA	NA	
	NA	ENSG00000266941	0	NA	NA	NA	NA	
	NA	ENSG00000266943	0	NA	NA	NA	NA	RPSAP66
	NA	ENSG00000266944	0	NA	NA	NA	NA	
	NA	ENSG00000266946	0	NA	NA	NA	NA	MRPL37P1
	NA	ENSG00000266947	0	NA	NA	NA	NA	
	NA	ENSG00000266950	0	NA	NA	NA	NA	
	NA	ENSG00000266951	0	NA	NA	NA	NA	
400654	NA	ENSG00000266952	0	NA	NA	NA	NA	LINC01538
	NA	ENSG00000266953	0	NA	NA	NA	NA	
	NA	ENSG00000266954	0.47338401	-0.03506593	0.38628542	0.49584507	NA	
	NA	ENSG00000266955	0	NA	NA	NA	NA	
	NA	ENSG00000266957	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000266959	0	NA	NA	NA	NA	
	NA	ENSG00000266961	0	NA	NA	NA	NA	
108783654	NA	ENSG00000266962	617.946106	-0.19068162	0.09775567	0.04313384	0.13291451	HSD17B1-AS1
	NA	ENSG00000266963	0.18922458	0.01954053	0.38488496	0.78225479	NA	
5348	NA	ENSG00000266964	1.42042719	0.08110572	0.39243898	0.18876161	NA	FXVD1

NA	ENSG00000266965	0	NA	NA	NA	NA	
80755	ENSG00000266967	488.094321	0.15244865	0.13261258	0.22004339	0.43220085	AARSD1
NA	ENSG00000266968	2.2408267	0.11009352	0.39715613	0.22381546	NA	
NA	ENSG00000266969	2.95462842	-0.02114017	0.37592697	0.80017346	0.90848606	CEP192-DT
101928674	ENSG00000266970	0.69682712	-0.04884095	0.38814738	0.33415495	NA	SOCS3-DT
NA	ENSG00000266971	0	NA	NA	NA	NA	OR4F8P
NA	ENSG00000266973	0	NA	NA	NA	NA	
106144598	ENSG00000266975	0	NA	NA	NA	NA	FARSA-AS1
102724908	ENSG00000266976	0	NA	NA	NA	NA	
NA	ENSG00000266977	0	NA	NA	NA	NA	
NA	ENSG00000266978	0	NA	NA	NA	NA	
101927017	ENSG00000266979	0	NA	NA	NA	NA	LINC01180
NA	ENSG00000266980	8.37608886	0.03058217	0.3469711	0.84267779	0.92845712	
NA	ENSG00000266981	0	NA	NA	NA	NA	
100128568	ENSG00000266983	0.53627504	0.01406945	0.38294281	0.73504371	NA	RANBP3-DT
NA	ENSG00000266984	0	NA	NA	NA	NA	POLR3GP2
NA	ENSG00000266985	0	NA	NA	NA	NA	
NA	ENSG00000266987	0	NA	NA	NA	NA	
112268408	ENSG00000266988	0	NA	NA	NA	NA	
NA	ENSG00000266989	0	NA	NA	NA	NA	FTLP5
NA	ENSG00000266990	0	NA	NA	NA	NA	
NA	ENSG00000266992	0	NA	NA	NA	NA	DHX40P1
NA	ENSG00000266993	33.2659778	0.14226438	0.29322005	0.47515226	0.69740127	
NA	ENSG00000266994	0	NA	NA	NA	NA	
NA	ENSG00000266995	0	NA	NA	NA	NA	
NA	ENSG00000266997	0	NA	NA	NA	NA	
NA	ENSG00000266998	32.3377994	0.20225326	0.31559661	0.32514682	0.55306181	
NA	ENSG00000267000	0	NA	NA	NA	NA	
NA	ENSG00000267001	93.8540261	-0.28367752	0.22733622	0.12841511	0.29910257	
NA	ENSG00000267002	470.972136	0.09836893	0.12317651	0.39981995	0.62831531	
NA	ENSG00000267004	0	NA	NA	NA	NA	
NA	ENSG00000267005	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000267006	1.42665797	0.01499158	0.37820839	0.83600211	NA	
NA	ENSG00000267007	0	NA	NA	NA	NA	
NA	ENSG00000267009	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000267011	2.95765748	-0.01436857	0.37099286	0.88389533	0.94897201	
101927229	ENSG00000267013	0	NA	NA	NA	NA	LINC01929
NA	ENSG00000267014	0	NA	NA	NA	NA	LINC01532

NA	ENSG00000267015	0	NA	NA	NA	NA	
NA	ENSG00000267016	0.450608	-0.02734235	0.38571655	0.56119224	NA	
NA	ENSG00000267019	0.18922458	0.01954053	0.38488496	0.78225479	NA	NTF6A
NA	ENSG00000267022	79.8841758	-0.00372569	0.37501608	0.95614336	0.98192889	
NA	ENSG00000267023	166.634318	-0.18852098	0.19139992	0.25601112	0.47710508	LRRC37A16P
NA	ENSG00000267024	0	NA	NA	NA	NA	
102724684	ENSG00000267026	0	NA	NA	NA	NA	
NA	ENSG00000267027	0	NA	NA	NA	NA	
105372127	ENSG00000267028	0	NA	NA	NA	NA	TCF4-AS1
NA	ENSG00000267030	3.42218041	0.07311907	0.38696171	0.35425602	0.58481438	
NA	ENSG00000267032	0	NA	NA	NA	NA	
NA	ENSG00000267033	3.17977883	0.08579419	0.38133307	0.43400544	0.6592656	
NA	ENSG00000267035	0	NA	NA	NA	NA	
NA	ENSG00000267036	0.99252283	0.00422754	0.37924692	0.94822561	NA	
NA	ENSG00000267038	0	NA	NA	NA	NA	
105372069	ENSG00000267039	0	NA	NA	NA	NA	
100505549	ENSG00000267040	61.8330779	-0.06341178	0.23810794	0.73396613	0.87327664	
342892	ENSG00000267041	289.678657	-0.03873175	0.18420341	0.8089452	0.91334153	ZNF850
NA	ENSG00000267042	0.64629029	0.00266631	0.38249444	0.9488994	NA	
NA	ENSG00000267044	0	NA	NA	NA	NA	
NA	ENSG00000267046	0	NA	NA	NA	NA	E2F3P1
NA	ENSG00000267047	0	NA	NA	NA	NA	
NA	ENSG00000267048	14.1571654	0.01203701	0.3269344	0.94642042	0.97814213	
NA	ENSG00000267049	4.83289058	0.00304158	0.36664614	0.98077268	0.99355086	
NA	ENSG00000267051	0	NA	NA	NA	NA	
NA	ENSG00000267052	1.15791521	0.01907309	0.37935069	0.78031606	NA	
NA	ENSG00000267053	21.9999803	0.35518112	0.42035156	0.11938428	0.28417325	
NA	ENSG00000267054	0	NA	NA	NA	NA	
NA	ENSG00000267055	0	NA	NA	NA	NA	
NA	ENSG00000267056	0	NA	NA	NA	NA	
102724698	ENSG00000267057	0	NA	NA	NA	NA	LINC01905
100505715	ENSG00000267058	55.5599838	0.29791866	0.32696156	0.17050896	0.36238863	
NA	ENSG00000267059	253.572676	0.08179876	0.16207004	0.57870809	0.77656626	
100885848	ENSG00000267060	42.8960744	0.32655993	0.33369707	0.14188353	0.32042906	PTGES3L
NA	ENSG00000267061	0	NA	NA	NA	NA	
NA	ENSG00000267062	0.3416871	0.0028773	0.38338903	0.96021644	NA	
NA	ENSG00000267063	0	NA	NA	NA	NA	
100133957	ENSG00000267064	3.9876428	-0.02801691	0.36709873	0.80361246	0.91070264	UXT-AS1

101928514	ENSG00000267065	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC02080
NA	ENSG00000267066	0	NA	NA	NA	NA	
NA	ENSG00000267069	0	NA	NA	NA	NA	
NA	ENSG00000267070	0	NA	NA	NA	NA	
NA	ENSG00000267072	0	NA	NA	NA	NA	
NA	ENSG00000267073	0	NA	NA	NA	NA	
NA	ENSG00000267074	0	NA	NA	NA	NA	
NA	ENSG00000267075	0	NA	NA	NA	NA	
NA	ENSG00000267076	0	NA	NA	NA	NA	MIX23P3
NA	ENSG00000267077	0.34114859	0.02362682	0.38535344	0.62408532	NA	
NA	ENSG00000267078	0.52929514	0.01289716	0.38340427	0.75402699	NA	
NA	ENSG00000267079	0	NA	NA	NA	NA	
339201	ENSG00000267080	252.824253	0.48547932	0.17140656	0.00174718	0.00954158	ASB16-AS1
NA	ENSG00000267081	0	NA	NA	NA	NA	
105372273	ENSG00000267082	2.65729722	0.0627481	0.37858833	0.52574472	0.73808697	
NA	ENSG00000267083	0.14931947	-0.01844332	0.38480212	0.84537521	NA	KRT18P61
NA	ENSG00000267084	0	NA	NA	NA	NA	
NA	ENSG00000267085	0	NA	NA	NA	NA	
NA	ENSG00000267088	1.18863041	-0.00587441	0.37852309	0.93165673	NA	
NA	ENSG00000267089	0	NA	NA	NA	NA	
NA	ENSG00000267090	0	NA	NA	NA	NA	
NA	ENSG00000267091	2.58608223	0.09953124	0.39252217	0.27674291	0.50116619	CTBP2P7
NA	ENSG00000267092	0.34133385	0.0027402	0.38338649	0.96152679	NA	
NA	ENSG00000267095	0	NA	NA	NA	NA	
NA	ENSG00000267096	5.05143056	-0.00794708	0.36169497	0.94694275	0.97815729	
NA	ENSG00000267097	0	NA	NA	NA	NA	SLC14A2-AS1
NA	ENSG00000267098	0.67507128	0.02200455	0.3838492	0.61301654	NA	
NA	ENSG00000267099	0	NA	NA	NA	NA	NTF6G
147727	ENSG00000267100	318.294894	0.15103316	0.13608703	0.2350204	0.45186105	ILF3-DT
NA	ENSG00000267101	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000267102	0	NA	NA	NA	NA	
653645	ENSG00000267104	2.44983829	0.00860071	0.37470214	0.9221135	NA	BC1D3P1-DHX40P1
NA	ENSG00000267105	0	NA	NA	NA	NA	
NA	ENSG00000267106	124.260297	0.29714895	0.22675296	0.11187089	0.27047506	ZNF561-AS1
100505495	ENSG00000267107	0	NA	NA	NA	NA	PCAT19
NA	ENSG00000267108	1.51151046	0.04398669	0.3809206	0.56086262	NA	
NA	ENSG00000267109	0	NA	NA	NA	NA	
NA	ENSG00000267110	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000267112	0	NA	NA	NA	NA	
NA	ENSG00000267113	0	NA	NA	NA	NA	
NA	ENSG00000267114	0	NA	NA	NA	NA	
NA	ENSG00000267115	0.32414418	0.00212149	0.38337697	0.96077014	NA	
NA	ENSG00000267116	0	NA	NA	NA	NA	PMM2P2
NA	ENSG00000267117	0	NA	NA	NA	NA	
NA	ENSG00000267119	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RPL10P15
NA	ENSG00000267120	12.0340427	0.1230021	0.36733396	0.43756669	0.66277119	
339192	ENSG00000267121	16.9456645	0.38411205	0.50796249	0.08368618	0.21852248	FMNL1-DT
NA	ENSG00000267122	2.30531559	0.15773882	0.4264025	0.04817153	NA	
101928710	ENSG00000267123	0.30139824	-0.02296476	0.38527817	0.68536535	NA	SCAT1
NA	ENSG00000267124	0	NA	NA	NA	NA	
NA	ENSG00000267125	64.4394901	-0.03508359	0.24132966	0.85068377	0.93241069	
NA	ENSG00000267127	7.07695408	-0.1314226	0.39573485	0.26425149	0.48643065	
NA	ENSG00000267128	73.047906	0.01073408	0.24231713	0.95624351	0.98198091	RNF157-AS1
NA	ENSG00000267129	0	NA	NA	NA	NA	OR1AC1P
NA	ENSG00000267130	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101927855	ENSG00000267131	7.83114165	0.45601439	0.7253991	0.0335904	0.10977326	
NA	ENSG00000267132	0	NA	NA	NA	NA	HMGB3P27
NA	ENSG00000267133	0	NA	NA	NA	NA	
284294	ENSG00000267134	0	NA	NA	NA	NA	LINC01924
NA	ENSG00000267135	0	NA	NA	NA	NA	
NA	ENSG00000267136	9.85153943	-0.69526444	1.04238933	0.02190218	0.07839341	
NA	ENSG00000267137	0	NA	NA	NA	NA	
NA	ENSG00000267138	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000267139	0	NA	NA	NA	NA	
NA	ENSG00000267140	0.64198332	0.00401511	0.38138288	0.93701059	NA	
NA	ENSG00000267141	1.17679255	-0.00431019	0.37947512	0.94564666	NA	
NA	ENSG00000267142	0	NA	NA	NA	NA	
NA	ENSG00000267143	1.39062366	0.01658997	0.3815004	0.76226735	NA	
NA	ENSG00000267144	1.82177793	-0.05412303	0.38088152	0.51265426	NA	ZNF222-DT
NA	ENSG00000267145	0	NA	NA	NA	NA	
NA	ENSG00000267146	0	NA	NA	NA	NA	
101928845	ENSG00000267147	0	NA	NA	NA	NA	LINC01842
NA	ENSG00000267148	0	NA	NA	NA	NA	
NA	ENSG00000267149	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000267150	7.7260664	-0.0701488	0.35373564	0.64437736	0.82246828	
106660605	ENSG00000267151	0	NA	NA	NA	NA	MIR2117HG

NA	ENSG00000267152	8.00522429	0.09984183	0.38044178	0.41723298	0.64356838	
NA	ENSG00000267153	0	NA	NA	NA	NA	CTBP2P3
NA	ENSG00000267154	0	NA	NA	NA	NA	OR1M4P
NA	ENSG00000267156	0	NA	NA	NA	NA	TPMTP1
NA	ENSG00000267157	0.681861	0.00457837	0.38245976	0.91462971	NA	
NA	ENSG00000267159	0	NA	NA	NA	NA	
NA	ENSG00000267160	25.9931642	0.13608765	0.32784667	0.47899298	0.70041426	
NA	ENSG00000267162	0	NA	NA	NA	NA	SDHDP1
NA	ENSG00000267165	7.05289562	-0.03043761	0.38668527	0.11433174	0.27505053	CHMP1B-AS1
NA	ENSG00000267166	0	NA	NA	NA	NA	
NA	ENSG00000267168	0.34010615	0.00286207	0.38338878	0.96112863	NA	
100507373	ENSG00000267169	134.313796	-0.04670846	0.18708786	0.77379645	0.89600234	ADGRL1-AS1
NA	ENSG00000267170	0	NA	NA	NA	NA	CALM2P1
NA	ENSG00000267172	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000267173	0	NA	NA	NA	NA	
NA	ENSG00000267174	0	NA	NA	NA	NA	
NA	ENSG00000267175	0	NA	NA	NA	NA	
NA	ENSG00000267177	0	NA	NA	NA	NA	
NA	ENSG00000267178	0.173124	-0.01911262	0.38486262	0.84537521	NA	PHF5CP
NA	ENSG00000267179	2.91619169	-0.05204416	0.37477746	0.61639762	0.80326549	
NA	ENSG00000267180	0	NA	NA	NA	NA	
NA	ENSG00000267182	0	NA	NA	NA	NA	SNRPCP20
NA	ENSG00000267184	0	NA	NA	NA	NA	
NA	ENSG00000267185	0.50894729	0.00998929	0.3832477	0.78569685	NA	PTP4A2P1
NA	ENSG00000267187	0	NA	NA	NA	NA	
NA	ENSG00000267188	0	NA	NA	NA	NA	
NA	ENSG00000267189	0	NA	NA	NA	NA	ATP5MGP7
NA	ENSG00000267190	0	NA	NA	NA	NA	TYMSP2
NA	ENSG00000267191	15.8658765	0.02520675	0.31945557	0.88994712	0.9521436	ZNF45-AS1
NA	ENSG00000267192	0.69265567	0.02498508	0.38340894	0.58087527	NA	
NA	ENSG00000267193	0	NA	NA	NA	NA	
406994	ENSG00000267195	0	NA	NA	NA	NA	MIR212
NA	ENSG00000267196	0	NA	NA	NA	NA	
NA	ENSG00000267197	1.97932638	0.01350781	0.37732474	0.8611124	NA	
NA	ENSG00000267198	6.13646346	0.25031092	0.47008156	0.09117598	0.23298963	
NA	ENSG00000267199	25.6939092	-0.36218971	0.46579623	0.09932298	0.24808862	
406921	ENSG00000267200	0	NA	NA	NA	NA	MIR132
101928602	ENSG00000267201	9.78911785	0.12254122	0.36498149	0.44718829	0.67112071	LINC01775

105372068	ENSG00000267202	0	NA	NA	NA	NA	
NA	ENSG00000267203	0.51374668	0.01451405	0.38305128	0.74777915	NA	SNRPGP4
101927411	ENSG00000267204	0	NA	NA	NA	NA	LINC01782
NA	ENSG00000267205	0.18922458	0.01954053	0.38488496	0.78225479	NA	
158062	ENSG00000267206	0	NA	NA	NA	NA	LCN6
NA	ENSG00000267207	0	NA	NA	NA	NA	
NA	ENSG00000267209	0	NA	NA	NA	NA	LINC01897
NA	ENSG00000267211	0	NA	NA	NA	NA	
NA	ENSG00000267212	0.55305266	0.03294389	0.38623895	0.45140979	NA	
400684	ENSG00000267213	12.1609286	-0.01463726	0.33266065	0.92840553	0.9700635	DPY19L3-DT
NA	ENSG00000267214	0	NA	NA	NA	NA	
NA	ENSG00000267215	0	NA	NA	NA	NA	
108903150	ENSG00000267216	96.616671	0.63940052	0.29334393	0.00611333	0.02755302	
NA	ENSG00000267218	0	NA	NA	NA	NA	
NA	ENSG00000267219	0.95728261	0.00488865	0.38008509	0.93562436	NA	
NA	ENSG00000267220	0	NA	NA	NA	NA	
110806298	ENSG00000267221	113.154781	-0.02341764	0.19855644	0.89012942	0.95223594	C17orf113
NA	ENSG00000267222	0.31818366	0.00217111	0.38337786	0.95704065	NA	
NA	ENSG00000267223	0	NA	NA	NA	NA	
NA	ENSG00000267224	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000267225	0.67471005	-0.02148657	0.38311829	0.65238861	NA	WDR7-OT1
101927322	ENSG00000267226	4.95392937	-0.00818972	0.36905623	0.93553791	0.97325384	MALT1-AS1
NA	ENSG00000267227	0	NA	NA	NA	NA	
NA	ENSG00000267228	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
NA	ENSG00000267231	0.50222787	0.0121993	0.38342461	0.77025939	NA	
NA	ENSG00000267232	0	NA	NA	NA	NA	
NA	ENSG00000267233	0	NA	NA	NA	NA	HNRNPA3P16
NA	ENSG00000267234	0	NA	NA	NA	NA	
NA	ENSG00000267235	0	NA	NA	NA	NA	ZNF861P
NA	ENSG00000267238	0	NA	NA	NA	NA	
NA	ENSG00000267239	0	NA	NA	NA	NA	
NA	ENSG00000267240	0	NA	NA	NA	NA	
NA	ENSG00000267241	0	NA	NA	NA	NA	CYP4F10P
NA	ENSG00000267243	0	NA	NA	NA	NA	
NA	ENSG00000267244	55.0490259	0.14266681	0.26274406	0.46756972	0.69041597	
NA	ENSG00000267245	0	NA	NA	NA	NA	
NA	ENSG00000267246	3.79179913	-0.06095086	0.37481445	0.57147856	0.77166993	
NA	ENSG00000267247	0	NA	NA	NA	NA	

NA	ENSG00000267248	52.0855762	0.36665049	0.32620387	0.10301507	0.25491514	
NA	ENSG00000267249	8.63849464	0.08240533	0.35626508	0.59324742	0.78711401	
NA	ENSG00000267250	0	NA	NA	NA	NA	
NA	ENSG00000267251	7.56764913	-0.0714471	0.35872273	0.62142869	0.80672374	
101927433	ENSG00000267252	0	NA	NA	NA	NA	LINC01255
NA	ENSG00000267253	2.9621078	0.03884662	0.37207352	0.71161388	0.86140448	WHSC1L2P
284408	ENSG00000267254	124.910089	0.09682828	0.19239398	0.56208923	0.76518802	ZNF790-AS1
NA	ENSG00000267255	2.64256852	-0.05734396	0.38036023	0.51670294	0.73078033	
NA	ENSG00000267257	0	NA	NA	NA	NA	
NA	ENSG00000267258	0	NA	NA	NA	NA	PPIAP58
NA	ENSG00000267259	0	NA	NA	NA	NA	ERVE-1
728485	ENSG00000267260	60.6358439	0.07159149	0.23766633	0.70388513	0.85759525	
NA	ENSG00000267261	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000267262	0	NA	NA	NA	NA	
NA	ENSG00000267263	1.02884576	0.03382025	0.38152724	0.60146749	NA	
NA	ENSG00000267264	3.44791918	-0.02449673	0.37043962	0.81233876	0.91499949	
NA	ENSG00000267265	10.514251	0.14723281	0.36944965	0.3831214	0.61240159	GP6-AS1
NA	ENSG00000267269	0	NA	NA	NA	NA	
100130522	ENSG00000267270	39.6420725	0.09737339	0.28413569	0.61952335	0.80561992	PARD6G-AS1
NA	ENSG00000267271	0	NA	NA	NA	NA	
339524	ENSG00000267272	1.96270013	0.06991892	0.38772765	0.32371776	NA	LINC01140
NA	ENSG00000267273	0	NA	NA	NA	NA	
NA	ENSG00000267274	1.3917668	0.0370297	0.38052871	0.60822963	NA	
NA	ENSG00000267275	0	NA	NA	NA	NA	KLF2-DT
NA	ENSG00000267277	10.1689087	-0.15968558	0.37628331	0.34201865	0.57202996	
NA	ENSG00000267278	64.1134956	0.79659472	0.34872126	0.00306236	0.01540108	MAP3K14-AS1
NA	ENSG00000267279	0	NA	NA	NA	NA	
103689912	ENSG00000267280	192.335144	0.34789031	0.1672994	0.02113695	0.0761775	TBX2-AS1
114108587	ENSG00000267281	0.94612289	0.04084733	0.38743659	0.29648824	NA	ATF7-NPFF
NA	ENSG00000267282	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000267283	4.23049089	0.01598118	0.37198699	0.872202	0.94414841	
NA	ENSG00000267284	1.07879399	0.01220855	0.38120228	0.80279983	NA	
NA	ENSG00000267285	0	NA	NA	NA	NA	
NA	ENSG00000267286	0	NA	NA	NA	NA	
NA	ENSG00000267287	0.34186639	0.00190967	0.38337345	0.94714888	NA	
105371795	ENSG00000267288	3.15316618	0.09123843	0.39327504	0.24275103	0.461055	
NA	ENSG00000267289	0.65487154	0.00370978	0.38193755	0.93653739	NA	PIN1-DT
105372397	ENSG00000267291	0.50676775	0.03070061	0.38601223	0.4841112	NA	MAP4K1-AS1

NA	ENSG00000267292	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000267293	3.59125728	-0.04853806	0.37496308	0.62761928	0.81099169	
NA	ENSG00000267295	0	NA	NA	NA	NA	
80054	ENSG00000267296	12.8820089	0.03828906	0.33093798	0.82519115	0.92064289	CEBPA-DT
NA	ENSG00000267298	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000267299	0	NA	NA	NA	NA	
NA	ENSG00000267301	0	NA	NA	NA	NA	RPL23AP77
101927755	ENSG00000267302	20.2378176	-0.55084512	0.57298097	0.04379436	0.13435598	RNFT1-DT
NA	ENSG00000267303	0	NA	NA	NA	NA	
NA	ENSG00000267304	0	NA	NA	NA	NA	
NA	ENSG00000267305	0	NA	NA	NA	NA	
NA	ENSG00000267308	0	NA	NA	NA	NA	LINC01764
728752	ENSG00000267309	14.4901797	0.04448061	0.3292055	0.79962535	0.90810343	ZNF566-AS1
NA	ENSG00000267310	0	NA	NA	NA	NA	OR4G1P
NA	ENSG00000267311	0.68163839	0.01950434	0.38352739	0.62831014	NA	
NA	ENSG00000267312	0	NA	NA	NA	NA	
641516	ENSG00000267313	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000267314	1.98826531	0.02584078	0.37788791	0.74203075	NA	
NA	ENSG00000267315	0	NA	NA	NA	NA	UFM1P2
NA	ENSG00000267316	0	NA	NA	NA	NA	
NA	ENSG00000267317	44.3431936	1.07950591	0.41061578	0.00074915	0.00459304	
NA	ENSG00000267318	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000267319	0	NA	NA	NA	NA	SELENOKP1
NA	ENSG00000267320	0	NA	NA	NA	NA	
NA	ENSG00000267321	83.3291644	0.14781888	0.22122925	0.41760644	0.64376444	SNHG30
677769	ENSG00000267322	9.75007474	-0.17279536	0.38774417	0.29413057	0.52028802	SNHG22
103091864	ENSG00000267322	9.75007474	-0.17279536	0.38774417	0.29413057	0.52028802	SNHG22
NA	ENSG00000267323	1.65694908	0.05047814	0.38316411	0.47913953	NA	SLC25A1P5
NA	ENSG00000267324	0	NA	NA	NA	NA	
NA	ENSG00000267325	52.4826693	-0.18516854	0.28165108	0.35667731	0.58672398	LINC01415
107985164	ENSG00000267327	4.21682478	-0.05234685	0.37472192	0.58773525	0.78270018	
NA	ENSG00000267328	0	NA	NA	NA	NA	
NA	ENSG00000267332	0	NA	NA	NA	NA	BOLA3P2
NA	ENSG00000267333	0	NA	NA	NA	NA	ASNSP6
NA	ENSG00000267334	0.15069912	-0.01848503	0.38480575	0.84537521	NA	KIF18B-DT
NA	ENSG00000267335	0	NA	NA	NA	NA	
NA	ENSG00000267336	0	NA	NA	NA	NA	EIF4A2P1
101927921	ENSG00000267337	0	NA	NA	NA	NA	LINC01478

NA	ENSG00000267338	0	NA	NA	NA	NA	
148145	ENSG00000267339	0	NA	NA	NA	NA	LINC00906
NA	ENSG00000267340	0.6450451	0.00211172	0.38193603	0.96307063	NA	
NA	ENSG00000267341	0	NA	NA	NA	NA	
NA	ENSG00000267342	11.7755989	0.08592195	0.34761149	0.60394823	0.7941631	
NA	ENSG00000267343	13.3003836	-0.18585715	0.40811362	0.22270903	0.43579714	ZNF833P
NA	ENSG00000267344	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000267345	2.90194432	0.05808419	0.37532092	0.58119988	0.77843824	
NA	ENSG00000267346	0	NA	NA	NA	NA	EIF5AP3
NA	ENSG00000267348	31.2730103	0.17330119	0.31107921	0.3897216	0.61887921	GEMIN7-AS1
NA	ENSG00000267349	0	NA	NA	NA	NA	
NA	ENSG00000267352	0	NA	NA	NA	NA	SH3GL1P3
NA	ENSG00000267353	6.40241097	0.02179702	0.35493657	0.87746186	0.94578953	
NA	ENSG00000267354	0	NA	NA	NA	NA	
NA	ENSG00000267355	0	NA	NA	NA	NA	RPL9P29
NA	ENSG00000267356	0.49678548	0.01151436	0.38338942	0.78076946	NA	
NA	ENSG00000267359	0	NA	NA	NA	NA	
NA	ENSG00000267360	1.99126225	-0.02894079	0.37766472	0.71284523	NA	
NA	ENSG00000267361	0	NA	NA	NA	NA	SEC24AP1
NA	ENSG00000267363	0	NA	NA	NA	NA	
NA	ENSG00000267364	0	NA	NA	NA	NA	
400617	ENSG00000267365	4.09610554	0.27297111	0.51859336	0.02992481	0.10010254	KCNJ2-AS1
NA	ENSG00000267366	0.49683742	-0.01007664	0.38283119	0.82993074	NA	
100134938	ENSG00000267368	619.890367	0.29745927	0.10915266	0.00437934	0.02084601	UPK3BL1
NA	ENSG00000267369	0	NA	NA	NA	NA	TAF5LP1
NA	ENSG00000267370	6.54989977	0.01439094	0.35892854	0.91446112	0.96381793	
NA	ENSG00000267371	0	NA	NA	NA	NA	
NA	ENSG00000267372	12.5910748	0.26619481	0.43315805	0.16175375	0.35019582	
NA	ENSG00000267373	0	NA	NA	NA	NA	
647946	ENSG00000267374	0	NA	NA	NA	NA	MIR924HG
NA	ENSG00000267375	0	NA	NA	NA	NA	
NA	ENSG00000267376	0	NA	NA	NA	NA	ATP5MGP6
NA	ENSG00000267378	0	NA	NA	NA	NA	
NA	ENSG00000267379	0	NA	NA	NA	NA	
NA	ENSG00000267382	0	NA	NA	NA	NA	
NA	ENSG00000267383	100.129504	-0.03921944	0.20759324	0.82107583	0.91847813	
NA	ENSG00000267384	0	NA	NA	NA	NA	SMCO4P1
NA	ENSG00000267385	68.7378407	0.69983117	0.29104851	0.00298946	0.0150803	

NA	ENSG00000267387	2.12646039	-0.01697335	0.37719441	0.8256285	NA	
NA	ENSG00000267388	0.72250548	0.02621022	0.38348308	0.56361255	NA	
NA	ENSG00000267389	0	NA	NA	NA	NA	
NA	ENSG00000267390	30.8444887	0.07724904	0.29669942	0.68974142	0.84943947	KDSR-DT
112441433	ENSG00000267391	0	NA	NA	NA	NA	MIR122HG
NA	ENSG00000267392	0	NA	NA	NA	NA	CYP4F9P
NA	ENSG00000267393	0	NA	NA	NA	NA	
NA	ENSG00000267394	0.86897338	0.04907744	0.38851096	0.26791962	NA	ATXN7L3-AS1
109729182	ENSG00000267395	4.14832537	0.05848485	0.37080002	0.61501658	0.80239693	DM1-AS
NA	ENSG00000267396	1.51379662	0.05967809	0.39089786	0.14517442	NA	
NA	ENSG00000267397	16.2095727	-0.2753769	0.40974023	0.1774163	0.37244095	
NA	ENSG00000267398	0.68092595	0.00528148	0.38247995	0.90175833	NA	
NA	ENSG00000267399	0	NA	NA	NA	NA	
NA	ENSG00000267400	0	NA	NA	NA	NA	
NA	ENSG00000267401	0	NA	NA	NA	NA	
NA	ENSG00000267402	0	NA	NA	NA	NA	TCF4-AS2
NA	ENSG00000267404	0	NA	NA	NA	NA	
NA	ENSG00000267405	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000267406	0	NA	NA	NA	NA	
105372360	ENSG00000267407	0	NA	NA	NA	NA	LINC02841
NA	ENSG00000267408	0	NA	NA	NA	NA	
NA	ENSG00000267409	0	NA	NA	NA	NA	
NA	ENSG00000267412	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000267413	1.15414712	-0.03445336	0.3820578	0.58276066	NA	LINC01901
101927943	ENSG00000267414	21.7552684	0.33629781	0.41277313	0.13423309	0.30845623	SETBP1-DT
NA	ENSG00000267415	0	NA	NA	NA	NA	
105371849	ENSG00000267416	1.98743125	0.05946464	0.3822235	0.4773911	NA	HEATR6-DT
NA	ENSG00000267417	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000267418	0	NA	NA	NA	NA	ELOCP29
NA	ENSG00000267419	13.7989125	0.02776367	0.33494518	0.86949367	0.94307645	ZNF56
NA	ENSG00000267420	0	NA	NA	NA	NA	
101928982	ENSG00000267421	1.84047324	0.05654989	0.38217482	0.48293024	NA	ZFP28-DT
NA	ENSG00000267422	3.5552953	0.08686132	0.38477453	0.38907116	0.61827567	
NA	ENSG00000267423	0	NA	NA	NA	NA	
NA	ENSG00000267424	16.1315322	0.02114341	0.32836191	0.90412007	0.95807825	
105371994	ENSG00000267425	0	NA	NA	NA	NA	LINC01928
NA	ENSG00000267426	32.7568877	0.50244207	0.43749911	0.05206258	0.15368569	
NA	ENSG00000267428	0	NA	NA	NA	NA	

NA	ENSG00000267429	0.70451653	0.05125054	0.38859749	0.2959488	NA	
NA	ENSG00000267430	0	NA	NA	NA	NA	
NA	ENSG00000267432	0.173733	0.01914545	0.38484597	0.78225479	NA	DNAH17-AS1
NA	ENSG00000267433	0	NA	NA	NA	NA	
NA	ENSG00000267436	0	NA	NA	NA	NA	
NA	ENSG00000267437	0	NA	NA	NA	NA	
NA	ENSG00000267439	8.03290355	0.18814077	0.40559549	0.233549	0.45043378	
NA	ENSG00000267440	0	NA	NA	NA	NA	LINC02594
NA	ENSG00000267441	0	NA	NA	NA	NA	
NA	ENSG00000267443	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000267444	0	NA	NA	NA	NA	SMUG1P1
NA	ENSG00000267446	0	NA	NA	NA	NA	
NA	ENSG00000267448	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000267449	0	NA	NA	NA	NA	
NA	ENSG00000267450	0	NA	NA	NA	NA	OR1AB1P
440446	ENSG00000267452	0	NA	NA	NA	NA	LINC02073
105371828	ENSG00000267452	0	NA	NA	NA	NA	LINC02073
NA	ENSG00000267453	0	NA	NA	NA	NA	CLEC4O
386758	ENSG00000267454	32.1489009	-0.08801533	0.29873679	0.64575796	0.82359463	ZNF582-DT
NA	ENSG00000267455	0	NA	NA	NA	NA	
NA	ENSG00000267456	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000267457	0.64508116	0.00174044	0.38248617	0.96600266	NA	
NA	ENSG00000267458	0	NA	NA	NA	NA	
NA	ENSG00000267461	0	NA	NA	NA	NA	
NA	ENSG00000267462	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000267463	0	NA	NA	NA	NA	UBE2V2P2
100507527	ENSG00000267465	0.58393576	-0.01068524	0.38305877	0.78832881	NA	
NA	ENSG00000267466	0	NA	NA	NA	NA	
346	ENSG00000267467	0	NA	NA	NA	NA	APOC4
NA	ENSG00000267469	0	NA	NA	NA	NA	
100507433	ENSG00000267470	147.5705	-0.35274695	0.21283586	0.04981826	0.14857274	ZNF571-AS1
NA	ENSG00000267471	0	NA	NA	NA	NA	
NA	ENSG00000267472	0.16735865	0.01897177	0.38482933	0.78225479	NA	ARHGAP27P2
NA	ENSG00000267474	0.68628865	0.00381243	0.38128634	0.94062631	NA	
NA	ENSG00000267475	6.53300748	-0.09146564	0.365336	0.52619485	0.73815356	NUDT19-DT
NA	ENSG00000267476	0	NA	NA	NA	NA	
NA	ENSG00000267477	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000267478	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000267480	0	NA	NA	NA	NA	
NA	ENSG00000267481	22.4690167	-0.10237925	0.31627715	0.58790523	0.78282146	
NA	ENSG00000267482	0	NA	NA	NA	NA	
NA	ENSG00000267484	0	NA	NA	NA	NA	
NA	ENSG00000267486	0	NA	NA	NA	NA	GLUD1P4
NA	ENSG00000267487	0	NA	NA	NA	NA	
NA	ENSG00000267489	0	NA	NA	NA	NA	LINC01837
NA	ENSG00000267490	0	NA	NA	NA	NA	
NA	ENSG00000267491	1.4635931	0.02025014	0.37812837	0.78766206	NA	
NA	ENSG00000267492	0	NA	NA	NA	NA	
148046	ENSG00000267493	40.9904539	0.05125773	0.26738662	0.79220067	0.90499209	CIRBP-AS1
23591	ENSG00000267496	0	NA	NA	NA	NA	FAM215A
NA	ENSG00000267497	0	NA	NA	NA	NA	NFE2L3P1
105372352	ENSG00000267498	1.64624673	0.04160724	0.37930886	0.60302586	NA	UQCRFS1-DT
NA	ENSG00000267500	51.0551774	-0.42759986	0.34459614	0.06827878	0.18809373	ZNF887P
NA	ENSG00000267501	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000267503	0.34693639	0.0004873	0.38336264	0.96384722	NA	
NA	ENSG00000267504	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000267505	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000267506	0	NA	NA	NA	NA	
NA	ENSG00000267507	0.98347738	-0.04709711	0.38499649	0.39784321	NA	
26974	ENSG00000267508	125.226948	-0.38183564	0.23329694	0.04655557	0.14095263	ZNF285
NA	ENSG00000267509	0	NA	NA	NA	NA	
NA	ENSG00000267510	0	NA	NA	NA	NA	
NA	ENSG00000267511	0	NA	NA	NA	NA	ADAD1P2
NA	ENSG00000267512	0	NA	NA	NA	NA	
NA	ENSG00000267513	0	NA	NA	NA	NA	HMG1P31
NA	ENSG00000267515	0.97059251	-0.01650777	0.38154416	0.762044	NA	
NA	ENSG00000267517	0	NA	NA	NA	NA	LINC01855
NA	ENSG00000267518	0	NA	NA	NA	NA	
NA	ENSG00000267519	115.311876	0.155217	0.19799306	0.361882	0.59157216	MIR23AHG
NA	ENSG00000267520	45.0600865	-0.01579479	0.37366386	0.85630756	0.93595581	
NA	ENSG00000267521	4.35616662	0.02209642	0.36371812	0.85711362	0.93609679	
101928886	ENSG00000267522	1.1153451	-0.00648004	0.37948226	0.91940017	NA	LINC01864
NA	ENSG00000267523	39.5195595	-0.00656213	0.27576823	0.97096214	0.98911805	
NA	ENSG00000267524	0	NA	NA	NA	NA	RPSAP57
NA	ENSG00000267526	2.29268416	0.13519899	0.41123198	0.116427	NA	
NA	ENSG00000267529	1.18739926	-0.07595195	0.39391815	0.15323777	NA	

107985343	ENSG00000267530	0.56443281	0.02664994	0.38423507	0.59002607	NA	LINC01836
100506755	ENSG00000267532	33.0392266	0.21372037	0.33283214	0.29912937	0.52612826	MIR497HG
NA	ENSG00000267533	0.32366676	-0.02327173	0.38532115	0.66869913	NA	
9294	ENSG00000267534	310.636004	-0.26974345	0.13126027	0.02813463	0.09543357	S1PR2
283994	ENSG00000267535	0	NA	NA	NA	NA	LINC00868
NA	ENSG00000267537	0	NA	NA	NA	NA	
NA	ENSG00000267541	0	NA	NA	NA	NA	MTCO2P2
NA	ENSG00000267543	23.5138123	-0.46328417	0.47772402	0.06624311	0.18414786	
117751740	ENSG00000267544	3.29884098	-0.11744659	0.39376988	0.28117783	0.50594669	HIKESHIP2
NA	ENSG00000267546	43.8543078	-0.58641497	0.36651115	0.02227587	0.07940231	
NA	ENSG00000267547	0	NA	NA	NA	NA	
NA	ENSG00000267549	3.51550285	-0.05007966	0.37325539	0.63659743	0.81722218	ZSCAN5A-AS1
NA	ENSG00000267550	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100996351	ENSG00000267551	0	NA	NA	NA	NA	GNA15-DT
NA	ENSG00000267552	0.52142703	0.01578456	0.38312211	0.7184063	NA	
NA	ENSG00000267554	0	NA	NA	NA	NA	
NA	ENSG00000267555	0	NA	NA	NA	NA	
NA	ENSG00000267557	0	NA	NA	NA	NA	
NA	ENSG00000267558	0	NA	NA	NA	NA	
NA	ENSG00000267559	0	NA	NA	NA	NA	
NA	ENSG00000267560	1.54502174	-0.0642699	0.38596422	0.37690121	NA	
NA	ENSG00000267561	3.52564368	0.05745233	0.37301973	0.60629287	0.79607018	
NA	ENSG00000267563	0	NA	NA	NA	NA	
NA	ENSG00000267564	0	NA	NA	NA	NA	
NA	ENSG00000267565	12.9302817	-0.09821005	0.34992437	0.55360311	0.75978734	
NA	ENSG00000267567	0	NA	NA	NA	NA	
105371899	ENSG00000267568	6.43254026	0.00798178	0.36179794	0.94986452	0.97933922	
NA	ENSG00000267570	0	NA	NA	NA	NA	STK25P1
NA	ENSG00000267571	11.5379396	0.11379086	0.35283106	0.50289491	0.7197688	
NA	ENSG00000267573	0	NA	NA	NA	NA	KRT8P5
NA	ENSG00000267574	0	NA	NA	NA	NA	
101927151	ENSG00000267575	162.220541	-0.2432156	0.18252807	0.12983351	0.30148605	
NA	ENSG00000267576	0	NA	NA	NA	NA	
NA	ENSG00000267577	1.59881528	-0.04366551	0.38052704	0.57083689	NA	DNAAF3-AS1
NA	ENSG00000267579	0	NA	NA	NA	NA	
NA	ENSG00000267580	0	NA	NA	NA	NA	
NA	ENSG00000267581	1.06136183	0.0030735	0.38073773	0.95626409	NA	
NA	ENSG00000267582	1.56684671	0.02026327	0.37882927	0.77666406	NA	

NA	ENSG00000267583	0.41390197	0.01248493	0.38383973	0.85952023	NA	
NA	ENSG00000267585	0	NA	NA	NA	NA	
284260	ENSG00000267586	6.44263006	-0.03975053	0.36168039	0.75474593	0.88583526	LINC00907
NA	ENSG00000267587	0	NA	NA	NA	NA	
NA	ENSG00000267589	0	NA	NA	NA	NA	
NA	ENSG00000267590	2.50432293	-0.00294629	0.37059534	0.97503648	NA	NDUFA3P1
NA	ENSG00000267591	0	NA	NA	NA	NA	
NA	ENSG00000267592	0.16735865	0.01897177	0.38482933	0.78225479	NA	
105372147	ENSG00000267593	0	NA	NA	NA	NA	LINC01926
NA	ENSG00000267594	0	NA	NA	NA	NA	CYP4F24P
NA	ENSG00000267595	0	NA	NA	NA	NA	BRCA1P1
NA	ENSG00000267597	0	NA	NA	NA	NA	RPIAP1
NA	ENSG00000267598	1.335018	0.05238792	0.38632984	0.29987665	NA	
NA	ENSG00000267599	0	NA	NA	NA	NA	
NA	ENSG00000267601	39.2666173	0.03811676	0.37749776	0.66525604	0.83470042	
101928141	ENSG00000267603	0	NA	NA	NA	NA	LINC01028
NA	ENSG00000267604	0	NA	NA	NA	NA	
NA	ENSG00000267605	21.3511489	-0.22400746	0.35220223	0.27157935	0.49500544	
NA	ENSG00000267606	0	NA	NA	NA	NA	
NA	ENSG00000267607	0	NA	NA	NA	NA	
NA	ENSG00000267609	0	NA	NA	NA	NA	SNX33P1
NA	ENSG00000267610	0.89919673	0.03750749	0.38451354	0.43953745	NA	
NA	ENSG00000267611	0	NA	NA	NA	NA	
NA	ENSG00000267612	0	NA	NA	NA	NA	
NA	ENSG00000267614	0	NA	NA	NA	NA	
NA	ENSG00000267615	0	NA	NA	NA	NA	
NA	ENSG00000267617	0	NA	NA	NA	NA	
NA	ENSG00000267618	0	NA	NA	NA	NA	
NA	ENSG00000267620	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000267623	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000267624	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000267625	0	NA	NA	NA	NA	
NA	ENSG00000267626	0	NA	NA	NA	NA	HAUS5-DT
NA	ENSG00000267627	1.05219157	-0.00806852	0.3800382	0.89444821	NA	
NA	ENSG00000267628	0	NA	NA	NA	NA	
NA	ENSG00000267629	82.9503033	0.00077499	0.29787871	0.99946123	0.99966662	
NA	ENSG00000267630	0	NA	NA	NA	NA	
114335	ENSG00000267631	0.51395691	-0.01020451	0.38328037	0.81831971	NA	CGB1

	NA	ENSG00000267632	65.1336707	-0.43945825	0.27568002	0.03997446	0.12529119	
	NA	ENSG00000267633	1.30115332	-0.01459416	0.38156978	0.78343839	NA	
	NA	ENSG00000267634	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RPL7L1P5
	NA	ENSG00000267636	0	NA	NA	NA	NA	
	NA	ENSG00000267637	0.173733	0.01914545	0.38484597	0.78225479	NA	
105371789	NA	ENSG00000267638	0	NA	NA	NA	NA	
	NA	ENSG00000267640	86.5325083	-0.04255206	0.29385759	0.81971188	0.91783304	
	NA	ENSG00000267641	1.31726549	-0.01985355	0.3787294	0.78104924	NA	BNIP3P16
	NA	ENSG00000267642	0	NA	NA	NA	NA	ASXL3-DT
	NA	ENSG00000267643	0	NA	NA	NA	NA	
	NA	ENSG00000267644	0.67895517	-0.03862952	0.38691379	0.39545919	NA	
	NA	ENSG00000267645	169.028047	0.17644169	0.22675901	0.34032751	0.57056767	
	NA	ENSG00000267646	0.74060991	0.0425843	0.38746693	0.33164242	NA	
	NA	ENSG00000267647	0	NA	NA	NA	NA	MAP1LC3P
	NA	ENSG00000267648	0	NA	NA	NA	NA	
	NA	ENSG00000267649	8.79781848	-0.06461838	0.3529186	0.66935908	0.83727912	
	NA	ENSG00000267650	0	NA	NA	NA	NA	
	NA	ENSG00000267651	24.7725469	-1.56909664	0.53178522	0.00019609	0.00139693	
	NA	ENSG00000267652	0	NA	NA	NA	NA	NPM1P1
	NA	ENSG00000267653	0	NA	NA	NA	NA	
	NA	ENSG00000267655	3.60934055	-0.05308034	0.37131799	0.63684218	0.81722218	
	NA	ENSG00000267656	0	NA	NA	NA	NA	
	NA	ENSG00000267658	0	NA	NA	NA	NA	RAB5C-AS1
101928104	NA	ENSG00000267659	0	NA	NA	NA	NA	LINC01482
	NA	ENSG00000267661	0	NA	NA	NA	NA	
	NA	ENSG00000267662	1.17160832	0.02275688	0.37948039	0.74264829	NA	TSHZ3-AS1
	NA	ENSG00000267663	0	NA	NA	NA	NA	PPIAP56
	NA	ENSG00000267664	0	NA	NA	NA	NA	RPL17P45
400622	NA	ENSG00000267665	6.00962741	0.00536198	0.37309808	0.95070675	0.97972521	
	NA	ENSG00000267666	12.9950382	0.22525831	0.38816524	0.24244944	0.46065857	
	NA	ENSG00000267669	0	NA	NA	NA	NA	
	NA	ENSG00000267670	0	NA	NA	NA	NA	
	NA	ENSG00000267672	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
112812	NA	ENSG00000267673	151.40129	0.05488489	0.19089715	0.74168244	0.87812748	FDX2
	NA	ENSG00000267674	0	NA	NA	NA	NA	
	NA	ENSG00000267675	0	NA	NA	NA	NA	
	NA	ENSG00000267676	0.3630396	0.02389536	0.3853925	0.60992448	NA	THA1P
	NA	ENSG00000267677	0	NA	NA	NA	NA	

NA	ENSG00000267678	0	NA	NA	NA	NA	
NA	ENSG00000267679	0	NA	NA	NA	NA	EIF5AP2
7767	ENSG00000267680	633.691655	0.08636949	0.1018687	0.37954138	0.60845927	ZNF224
NA	ENSG00000267681	2.3009585	0.00467114	0.37662088	0.95381789	NA	
NA	ENSG00000267682	4.89146582	-0.01312444	0.36026661	0.91619578	0.96446211	
NA	ENSG00000267683	0	NA	NA	NA	NA	
NA	ENSG00000267685	0	NA	NA	NA	NA	NTF6B
NA	ENSG00000267686	0	NA	NA	NA	NA	
NA	ENSG00000267687	0	NA	NA	NA	NA	
NA	ENSG00000267688	0	NA	NA	NA	NA	
NA	ENSG00000267689	0	NA	NA	NA	NA	
100288122	ENSG00000267690	0	NA	NA	NA	NA	LDLRAD4-AS1
NA	ENSG00000267691	0.64601691	0.00248872	0.38249258	0.95217779	NA	SHC1P2
NA	ENSG00000267692	0	NA	NA	NA	NA	TAF9P3
NA	ENSG00000267693	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000267694	0	NA	NA	NA	NA	
NA	ENSG00000267695	0	NA	NA	NA	NA	
NA	ENSG00000267696	0	NA	NA	NA	NA	ERVK-28
NA	ENSG00000267698	6.19828549	0.1839616	0.41089275	0.21259264	0.42241743	
NA	ENSG00000267699	11.1577937	-0.08852305	0.35714805	0.56616667	0.76789354	
NA	ENSG00000267703	0	NA	NA	NA	NA	
NA	ENSG00000267704	0	NA	NA	NA	NA	FRG2LP
NA	ENSG00000267705	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000267706	2.64978753	0.08802514	0.38577562	0.37534262	0.60449338	
NA	ENSG00000267707	19.5313061	-0.70530903	0.71155876	0.02502016	0.08721718	
NA	ENSG00000267708	0	NA	NA	NA	NA	RDM1P3
101928844	ENSG00000267709	0.66429489	0.00377731	0.38191829	0.93559445	NA	
100506374	ENSG00000267710	0.84908354	-0.03000395	0.38361382	0.53022327	NA	EDDM13
NA	ENSG00000267711	0	NA	NA	NA	NA	
100505474	ENSG00000267712	0	NA	NA	NA	NA	LINC01539
NA	ENSG00000267713	0	NA	NA	NA	NA	
NA	ENSG00000267714	0.60599969	-0.02248041	0.38362945	0.68169876	NA	
NA	ENSG00000267716	0	NA	NA	NA	NA	
NA	ENSG00000267717	0.173124	-0.01911262	0.38486262	0.84537521	NA	SRSF10P1
100652929	ENSG00000267719	0	NA	NA	NA	NA	LINC02078
NA	ENSG00000267722	0	NA	NA	NA	NA	
NA	ENSG00000267723	5.3929694	0.12946627	0.38503013	0.34885342	0.57957225	
NA	ENSG00000267724	19.5979581	0.21684236	0.37553976	0.26691684	0.48933932	

	NA	ENSG00000267725	0	NA	NA	NA	NA	
105372138	NA	ENSG00000267726	0	NA	NA	NA	NA	LINC02565
	NA	ENSG00000267727	0	NA	NA	NA	NA	
	NA	ENSG00000267729	0	NA	NA	NA	NA	
	NA	ENSG00000267731	7.76652183	0.17353324	0.40483052	0.23663947	0.45348469	
	NA	ENSG00000267732	0	NA	NA	NA	NA	
	NA	ENSG00000267733	0	NA	NA	NA	NA	
	NA	ENSG00000267734	0	NA	NA	NA	NA	
	NA	ENSG00000267735	0	NA	NA	NA	NA	
	NA	ENSG00000267736	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HMGB2P1
	NA	ENSG00000267737	0	NA	NA	NA	NA	
	NA	ENSG00000267740	16.1063793	-0.01736653	0.33375448	0.914907	0.9640318	
	NA	ENSG00000267741	0.68717922	0.00460442	0.3812993	0.9285939	NA	UBE2L4
	NA	ENSG00000267742	0.45209736	-0.02505403	0.38558831	0.57865948	NA	SINHCAP2
105372143	NA	ENSG00000267743	0	NA	NA	NA	NA	
	NA	ENSG00000267744	0	NA	NA	NA	NA	
	NA	ENSG00000267745	0	NA	NA	NA	NA	
	NA	ENSG00000267746	0.55637391	0.01246505	0.38329259	0.74160212	NA	
	NA	ENSG00000267748	0	NA	NA	NA	NA	
	NA	ENSG00000267749	0	NA	NA	NA	NA	
	NA	ENSG00000267750	13.2128812	-0.22149803	0.40900461	0.2043412	0.41096092	RUNDC3A-AS1
	NA	ENSG00000267751	58.1416973	0.25289885	0.26189656	0.20762375	0.41489321	BSG-AS1
	NA	ENSG00000267752	0	NA	NA	NA	NA	RPS10P27
	NA	ENSG00000267755	0	NA	NA	NA	NA	
	NA	ENSG00000267756	0	NA	NA	NA	NA	
100287177	NA	ENSG00000267757	0.71638048	0.0421877	0.38739337	0.33986919	NA	EML2-AS1
	NA	ENSG00000267758	0.35707095	0.02381987	0.3853815	0.61382023	NA	
	NA	ENSG00000267760	0.16735865	0.01897177	0.38482933	0.78225479	NA	
110175910	NA	ENSG00000267761	0.173124	-0.01911262	0.38486262	0.84537521	NA	MIR4527HG
	NA	ENSG00000267762	0	NA	NA	NA	NA	
	NA	ENSG00000267764	2.15607388	-0.0714627	0.38682872	0.35681875	NA	
	NA	ENSG00000267765	3.35384851	0.04414808	0.36989063	0.69656396	0.85360278	
	NA	ENSG00000267766	0	NA	NA	NA	NA	
400685	NA	ENSG00000267767	66.8484037	0.15666829	0.23461236	0.40509601	0.63349136	LINC01801
	NA	ENSG00000267768	0	NA	NA	NA	NA	
	NA	ENSG00000267769	9.254131	0.21994518	0.42126232	0.18789466	0.38827518	
	NA	ENSG00000267770	0	NA	NA	NA	NA	
	NA	ENSG00000267771	0	NA	NA	NA	NA	

388406	ENSG00000267772	0	NA	NA	NA	NA	LINC01999
NA	ENSG00000267773	0	NA	NA	NA	NA	
NA	ENSG00000267774	0	NA	NA	NA	NA	
NA	ENSG00000267775	0	NA	NA	NA	NA	OR7E16P
107985312	ENSG00000267777	0	NA	NA	NA	NA	LINC01791
NA	ENSG00000267778	3.59659166	-0.01095989	0.36743138	0.91898553	0.96566247	CBARP-DT
100996665	ENSG00000267779	0	NA	NA	NA	NA	LINC01533
NA	ENSG00000267780	0	NA	NA	NA	NA	
NA	ENSG00000267781	1.25976506	-0.03167871	0.38248205	0.58548688	NA	SLC25A36P1
NA	ENSG00000267782	0	NA	NA	NA	NA	
NA	ENSG00000267783	0	NA	NA	NA	NA	
NA	ENSG00000267784	11.215533	0.10508808	0.34846603	0.53901001	0.74843996	
NA	ENSG00000267786	1.02525634	-0.01580959	0.38131468	0.77509071	NA	
NA	ENSG00000267787	126.680224	0.05925368	0.193809	0.72497538	0.86844186	
NA	ENSG00000267788	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000267789	0	NA	NA	NA	NA	
100132174	ENSG00000267790	0.66943461	0.03059546	0.38616409	0.42784935	NA	LINC01987
NA	ENSG00000267791	0	NA	NA	NA	NA	
NA	ENSG00000267792	0	NA	NA	NA	NA	WBP1LP11
NA	ENSG00000267793	0	NA	NA	NA	NA	
NA	ENSG00000267794	0	NA	NA	NA	NA	
440335	ENSG00000267795	2.84142849	-0.13382089	0.40404748	0.19816846	0.40242193	SMIM22
55957	ENSG00000267796	175.807295	0.06791168	0.17287795	0.66089173	0.83209112	LIN37
NA	ENSG00000267797	0	NA	NA	NA	NA	NRBF2P1
NA	ENSG00000267799	0	NA	NA	NA	NA	MAN1A2P1
NA	ENSG00000267800	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000267801	5.66920734	-0.05363257	0.36879805	0.65102856	0.82569882	
NA	ENSG00000267808	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000267809	4.82313757	-0.09604907	0.38407576	0.38775891	0.61668431	NDUFV2P1
NA	ENSG00000267811	18.7870631	0.16663273	0.3448465	0.38633749	0.61550918	
NA	ENSG00000267815	0	NA	NA	NA	NA	
NA	ENSG00000267827	2.64508754	-0.11037662	0.4008429	0.15947179	0.34700764	
NA	ENSG00000267834	2.68198562	-0.04454594	0.37521677	0.64706303	0.82430661	
NA	ENSG00000267838	5.22602128	0.16985787	0.4089105	0.21569122	0.42648134	
NA	ENSG00000267852	0.51963092	0.03132774	0.38607327	0.47483523	NA	ARHGEF18-AS1
4701	ENSG00000267855	465.967512	0.41609429	0.16391037	0.00520232	0.02401442	NDUFA7
NA	ENSG00000267857	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100131691	ENSG00000267858	114.004684	0.27820757	0.22320923	0.13204452	0.30496778	MZF1-AS1

	NA	ENSG00000267868	40.161049	-0.09416428	0.27901374	0.62846702	0.81161138	
105372476	NA	ENSG00000267871	4.06671138	-0.0294593	0.36967535	0.78091955	0.89983992	ZNF460-AS1
	NA	ENSG00000267872	0	NA	NA	NA	NA	
	NA	ENSG00000267879	0	NA	NA	NA	NA	
	NA	ENSG00000267881	0	NA	NA	NA	NA	
100131496	NA	ENSG00000267882	0.65577026	0.00345362	0.38193104	0.9408253	NA	
	NA	ENSG00000267886	49.2564929	-0.04615337	0.24918732	0.8069095	0.91256903	
	NA	ENSG00000267890	6.40298576	-0.11886399	0.37855024	0.39546886	0.62498088	
	NA	ENSG00000267892	1.57583042	0.06905048	0.38800851	0.31916718	NA	
	NA	ENSG00000267895	0	NA	NA	NA	NA	
	NA	ENSG00000267898	3.16114767	0.02507579	0.37104116	0.80858471	0.91320776	
	NA	ENSG00000267904	13.9232989	-0.03838999	0.3393946	0.81155896	0.9146404	
	NA	ENSG00000267905	0	NA	NA	NA	NA	VSIG10L-AS1
	NA	ENSG00000267908	0	NA	NA	NA	NA	ZSCAN5DP
56936	NA	ENSG00000267909	37.3156615	-0.21891202	0.30860945	0.29017571	0.51614542	CCDC177
	NA	ENSG00000267919	0.97426105	0.02444214	0.38224231	0.6535802	NA	
	NA	ENSG00000267920	6.61523637	-0.15038492	0.38895285	0.30880511	0.53644106	SNX6P1
	NA	ENSG00000267922	0	NA	NA	NA	NA	
	NA	ENSG00000267924	10.5903051	0.0462817	0.3433552	0.77423893	0.89604057	
	NA	ENSG00000267927	0.87894753	0.05081892	0.38878532	0.25816192	NA	
	NA	ENSG00000267934	13.7510391	-0.17357508	0.36779058	0.33794943	0.56821327	
	NA	ENSG00000267938	0	NA	NA	NA	NA	EIF1P6
	NA	ENSG00000267939	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000267940	4.30589102	0.05185207	0.36923059	0.66158517	0.83248873	
	NA	ENSG00000267943	0.32439411	0.00129929	0.38336772	0.96786438	NA	
	NA	ENSG00000267952	16.2349888	0.06980615	0.33511667	0.68601381	0.84726805	
100422833	NA	ENSG00000267959	0	NA	NA	NA	NA	MIR3188
	NA	ENSG00000267961	0	NA	NA	NA	NA	OR10B1P
	NA	ENSG00000267968	0	NA	NA	NA	NA	
728269	NA	ENSG00000267978	2.79532534	-0.11150659	0.40285597	0.12805669	0.29872367	MAGEA9B
	NA	ENSG00000267980	15.519529	0.06827679	0.32662428	0.70446061	0.85803293	
	NA	ENSG00000267984	0	NA	NA	NA	NA	
	NA	ENSG00000267986	0	NA	NA	NA	NA	
	NA	ENSG00000267990	0	NA	NA	NA	NA	
	NA	ENSG00000267992	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100505812	NA	ENSG00000268001	7.0565244	-0.09173594	0.36999029	0.50198252	0.71887781	CARD8-AS1
100506033	NA	ENSG00000268006	61.1612575	0.7689529	0.318416	0.00241692	0.01259895	PTOV1-AS1
6759	NA	ENSG00000268009	0.47176814	-0.02836356	0.38580188	0.54418001	NA	SSX4

NA	ENSG00000268015	0	NA	NA	NA	NA	
NA	ENSG00000268020	0	NA	NA	NA	NA	OR4G4P
NA	ENSG00000268027	0	NA	NA	NA	NA	
NA	ENSG00000268030	86.504959	-0.10974388	0.21499633	0.53827464	0.74807128	
NA	ENSG00000268034	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
374890	ENSG00000268038	0	NA	NA	NA	NA	LINC01785
390937	ENSG00000268041	0.99519755	0.02615045	0.38158721	0.65950453	NA	ERFL
149013	ENSG00000268043	1181.16931	0.00284464	0.0836213	0.97296204	0.98995885	NBPF12
NA	ENSG00000268047	1.1999935	0.0436477	0.3836318	0.48250574	NA	
NA	ENSG00000268049	41.332718	0.32332872	0.32368369	0.14228873	0.32112483	
NA	ENSG00000268051	0	NA	NA	NA	NA	
NA	ENSG00000268053	0	NA	NA	NA	NA	
NA	ENSG00000268055	0	NA	NA	NA	NA	
NA	ENSG00000268056	0	NA	NA	NA	NA	
NA	ENSG00000268058	0.86048599	0.01092928	0.38153849	0.83311211	NA	BNIP3P40
100505681	ENSG00000268061	48.3033482	-0.28934446	0.33661009	0.17932797	0.37565905	NAPA-AS1
NA	ENSG00000268062	0	NA	NA	NA	NA	SRP14P4
100126270	ENSG00000268066	0.55356866	-0.01177914	0.38327848	0.77699285	NA	FMR1-AS1
NA	ENSG00000268067	0	NA	NA	NA	NA	OR5AH1P
NA	ENSG00000268069	9.91349284	0.03636727	0.34694942	0.81467872	0.91594007	
NA	ENSG00000268070	1.30794256	-0.01972836	0.37855994	0.78496076	NA	
NA	ENSG00000268074	0	NA	NA	NA	NA	RPL22P5
NA	ENSG00000268078	0	NA	NA	NA	NA	
NA	ENSG00000268079	0	NA	NA	NA	NA	BNIP3P30
NA	ENSG00000268080	0	NA	NA	NA	NA	
NA	ENSG00000268081	0	NA	NA	NA	NA	
NA	ENSG00000268083	0	NA	NA	NA	NA	
NA	ENSG00000268087	11.292771	-0.05486431	0.34100565	0.73588423	0.8746147	
NA	ENSG00000268088	0	NA	NA	NA	NA	
55879	ENSG00000268089	52.1484403	0.97535947	0.35224201	0.00059948	0.00377934	GABRQ
NA	ENSG00000268093	4.60055709	-0.02590934	0.3660864	0.82081853	0.91847813	
101928571	ENSG00000268095	0.32510871	0.00182295	0.38337305	0.96285773	NA	ZNF649-AS1
NA	ENSG00000268100	0	NA	NA	NA	NA	ZNF725P
NA	ENSG00000268101	0	NA	NA	NA	NA	CYP2G2P
11254	ENSG00000268104	0	NA	NA	NA	NA	SLC6A14
NA	ENSG00000268105	6.6647635	-0.04431741	0.35490762	0.7555914	0.88629101	
NA	ENSG00000268107	20.5127184	0.44339014	0.50474723	0.07210748	0.19559917	
NA	ENSG00000268108	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

NA	ENSG00000268112	0	NA	NA	NA	NA	
NA	ENSG00000268116	0	NA	NA	NA	NA	
NA	ENSG00000268117	0	NA	NA	NA	NA	VN1R84P
NA	ENSG00000268119	316.161795	-1.01171355	0.17754606	1.49E-09	2.52E-08	
NA	ENSG00000268120	21.6344005	0.03775749	0.3277739	0.83036809	0.92309648	
NA	ENSG00000268129	7.09119311	-0.04800095	0.36009974	0.72118281	0.86691933	
NA	ENSG00000268133	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000268140	0	NA	NA	NA	NA	PCGF7P
NA	ENSG00000268144	0.94429076	-0.01449786	0.38070436	0.80594218	NA	NIFKP6
NA	ENSG00000268148	0	NA	NA	NA	NA	VN1R91P
NA	ENSG00000268149	0	NA	NA	NA	NA	
100129935	ENSG00000268153	0	NA	NA	NA	NA	
NA	ENSG00000268154	1.009295	0.00182764	0.3799576	0.976047	NA	
NA	ENSG00000268157	0	NA	NA	NA	NA	
NA	ENSG00000268163	0.67354557	0.02105046	0.38373776	0.62433893	NA	
NA	ENSG00000268170	0	NA	NA	NA	NA	
NA	ENSG00000268173	194.854313	-0.52890094	0.23991524	0.008234	0.03540516	
NA	ENSG00000268174	0.66829672	0.02646987	0.38368542	0.58193928	NA	BNIP3P22
NA	ENSG00000268181	0	NA	NA	NA	NA	
147670	ENSG00000268182	12.0652717	0.15129902	0.37559459	0.35663482	0.58670273	SMIM17
NA	ENSG00000268184	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000268186	0.66400622	0.00252907	0.38131444	0.95994997	NA	ZNF114-AS1
NA	ENSG00000268189	8.29865448	0.00555301	0.35026878	0.97170371	0.98938604	
NA	ENSG00000268191	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000268193	1.40803277	0.07738622	0.39493316	0.10965007	NA	
NA	ENSG00000268199	0.32250268	-0.02325431	0.38531871	0.66960024	NA	
NA	ENSG00000268201	2.33647335	-0.04113744	0.3757147	0.65935312	NA	
NA	ENSG00000268203	0	NA	NA	NA	NA	
NA	ENSG00000268204	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000268205	182.096035	0.17193192	0.1748627	0.26990012	0.49307719	
NA	ENSG00000268209	0	NA	NA	NA	NA	
NA	ENSG00000268218	76.6346124	0.22532416	0.24330848	0.24277973	0.46106536	
2652	ENSG00000268221	0	NA	NA	NA	NA	OPN1MW
NA	ENSG00000268222	0	NA	NA	NA	NA	EEF1A1P7
644100	ENSG00000268223	0	NA	NA	NA	NA	ARL14EPL
NA	ENSG00000268230	56.6557054	0.16094486	0.26525569	0.41561261	0.64249293	
NA	ENSG00000268231	6.54883081	-0.11477802	0.37497699	0.42184281	0.64783923	
NA	ENSG00000268234	0	NA	NA	NA	NA	FKBP4P6

100996631	ENSG00000268235	0	NA	NA	NA	NA	TCP11X1
NA	ENSG00000268238	0	NA	NA	NA	NA	IGFL1P2
NA	ENSG00000268240	0	NA	NA	NA	NA	
NA	ENSG00000268243	0	NA	NA	NA	NA	RPS29P30
100271873	ENSG00000268257	0	NA	NA	NA	NA	AIRN
NA	ENSG00000268266	1.62773676	-0.04117545	0.38139963	0.56368673	NA	
NA	ENSG00000268267	0	NA	NA	NA	NA	SIGLEC29P
NA	ENSG00000268272	0	NA	NA	NA	NA	VN1R78P
NA	ENSG00000268278	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000268279	0	NA	NA	NA	NA	
NA	ENSG00000268282	0	NA	NA	NA	NA	
NA	ENSG00000268287	0.54940948	0.03277155	0.38622097	0.45384154	NA	
NA	ENSG00000268288	2.48247778	0.0518309	0.37690581	0.59223924	NA	
NA	ENSG00000268289	0	NA	NA	NA	NA	
NA	ENSG00000268292	0	NA	NA	NA	NA	
NA	ENSG00000268293	0	NA	NA	NA	NA	
NA	ENSG00000268295	0	NA	NA	NA	NA	POLR3GP1
NA	ENSG00000268296	0	NA	NA	NA	NA	
NA	ENSG00000268297	0	NA	NA	NA	NA	CLEC4GP1
110806301	ENSG00000268307	3.40496481	0.04482002	0.37094104	0.68514175	0.84671809	LINC02560
NA	ENSG00000268309	0	NA	NA	NA	NA	
NA	ENSG00000268316	0	NA	NA	NA	NA	
NA	ENSG00000268318	0	NA	NA	NA	NA	LINC01872
653486	ENSG00000268320	0	NA	NA	NA	NA	SCGB1C2
NA	ENSG00000268322	0.37844916	0.02407552	0.3854191	0.60038877	NA	BNIP3P25
83598	ENSG00000268324	2.28089473	0.03953943	0.38242085	0.53272082	NA	LRRC2-AS1
NA	ENSG00000268326	0	NA	NA	NA	NA	
NA	ENSG00000268333	7.08201878	-0.12072293	0.37392856	0.41451969	0.6417034	
NA	ENSG00000268335	0	NA	NA	NA	NA	BNIP3P23
NA	ENSG00000268336	0	NA	NA	NA	NA	SIGLEC20P
29057	ENSG00000268350	455.300704	0.31723889	0.16506403	0.03363078	0.10986903	FAM156A
NA	ENSG00000268355	0	NA	NA	NA	NA	
NA	ENSG00000268357	0	NA	NA	NA	NA	VN1R81P
NA	ENSG00000268361	0	NA	NA	NA	NA	
NA	ENSG00000268362	156.836564	-0.08399629	0.17427934	0.58771376	0.78270018	
NA	ENSG00000268364	16.8840696	-0.19233593	0.36397572	0.311102	0.53866926	SMC5-DT
NA	ENSG00000268366	2.38307758	0.0636742	0.38170217	0.47587671	NA	SERTAD3-AS1
NA	ENSG00000268375	0.33471731	0.02354391	0.38534154	0.62842204	NA	

NA	ENSG00000268379	10.949295	0.21173435	0.40074765	0.23448431	0.45144772	
400550	ENSG00000268388	0	NA	NA	NA	NA	FENDRR
NA	ENSG00000268390	0	NA	NA	NA	NA	
NA	ENSG00000268391	0	NA	NA	NA	NA	MTCO3P42
NA	ENSG00000268392	0.97982589	0.02968988	0.38202733	0.61731377	NA	
NA	ENSG00000268400	0.5290942	0.0203755	0.3835372	0.66248626	NA	
NA	ENSG00000268401	4.94439146	-0.17521212	0.41561273	0.18408457	0.3826737	
644656	ENSG00000268403	27.0172288	-0.56641079	0.46674321	0.03801957	0.12084399	
NA	ENSG00000268407	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000268412	0	NA	NA	NA	NA	TRMT112P6
NA	ENSG00000268416	0	NA	NA	NA	NA	
NA	ENSG00000268433	0	NA	NA	NA	NA	MTDHP3
NA	ENSG00000268434	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000268438	0.79709933	-0.04552868	0.38788084	0.32232656	NA	BNIP3P27
NA	ENSG00000268442	12.3781199	-0.00201763	0.33759572	0.98784144	0.99589897	
727837	ENSG00000268447	0.44795842	-0.02501848	0.38558245	0.5807882	NA	SSX2B
NA	ENSG00000268455	0	NA	NA	NA	NA	
NA	ENSG00000268458	0	NA	NA	NA	NA	
93429	ENSG00000268460	0	NA	NA	NA	NA	
NA	ENSG00000268461	0	NA	NA	NA	NA	
NA	ENSG00000268465	0	NA	NA	NA	NA	
NA	ENSG00000268469	0.14931947	-0.01844332	0.38480212	0.84537521	NA	BNIP3P38
54553	ENSG00000268471	147.360015	-0.4877118	0.19353922	0.00425698	0.02033792	MIR4453HG
100132686	ENSG00000268472	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000268473	0	NA	NA	NA	NA	
NA	ENSG00000268475	0.173124	-0.01911262	0.38486262	0.84537521	NA	
105372267	ENSG00000268480	0	NA	NA	NA	NA	NFILZ
NA	ENSG00000268483	0	NA	NA	NA	NA	RPL7AP69
NA	ENSG00000268486	0	NA	NA	NA	NA	
NA	ENSG00000268496	1.55980028	0.02223049	0.37799613	0.77009896	NA	
NA	ENSG00000268499	1.05089231	-0.05808396	0.39016262	0.21589476	NA	
8778	ENSG00000268500	0.14931947	-0.01844332	0.38480212	0.84537521	NA	SIGLEC5
NA	ENSG00000268505	0	NA	NA	NA	NA	
NA	ENSG00000268509	12.1269138	1.15052375	1.00437336	0.00955085	0.03994286	
NA	ENSG00000268510	0	NA	NA	NA	NA	IFNL3P1
105372482	ENSG00000268516	94.2925402	0.0784867	0.21853172	0.66449966	0.83444869	ZNF8-DT
NA	ENSG00000268518	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000268520	1.6115118	0.00925369	0.377762	0.90107468	NA	

NA	ENSG00000268521	10.0351853	-0.01881117	0.33997052	0.90454061	0.95823316	VN1R83P
NA	ENSG00000268529	0	NA	NA	NA	NA	CYP2T3P
NA	ENSG00000268530	0.83919932	0.04139905	0.38452512	0.44340779	NA	
NA	ENSG00000268531	0	NA	NA	NA	NA	
146513	ENSG00000268532	0	NA	NA	NA	NA	LINC02135
NA	ENSG00000268533	0	NA	NA	NA	NA	
NA	ENSG00000268535	0	NA	NA	NA	NA	MTDHP4
NA	ENSG00000268536	1.87230976	0.00186666	0.37602453	0.98273619	NA	
NA	ENSG00000268541	0	NA	NA	NA	NA	VN1R88P
NA	ENSG00000268543	5.94080366	0.02414836	0.35926827	0.85573901	0.93566075	
NA	ENSG00000268545	0	NA	NA	NA	NA	VN1R107P
NA	ENSG00000268555	0	NA	NA	NA	NA	
NA	ENSG00000268560	0	NA	NA	NA	NA	
NA	ENSG00000268564	0	NA	NA	NA	NA	ILVBL-AS1
NA	ENSG00000268565	0	NA	NA	NA	NA	
NA	ENSG00000268566	0	NA	NA	NA	NA	
NA	ENSG00000268573	35.5031955	-0.02239496	0.27083641	0.90590072	0.95895045	
NA	ENSG00000268575	423.200804	0.25188235	0.13653207	0.04787871	0.14395032	
NA	ENSG00000268580	0	NA	NA	NA	NA	LINC01966
NA	ENSG00000268581	0	NA	NA	NA	NA	SIGLEC18P
NA	ENSG00000268582	0	NA	NA	NA	NA	
NA	ENSG00000268583	12.5692336	0.24028671	0.40780353	0.20543549	0.41239126	
NA	ENSG00000268584	18.1958095	0.08539718	0.3211553	0.64603411	0.82370422	
NA	ENSG00000268589	0	NA	NA	NA	NA	
100652739	ENSG00000268592	6.72495936	0.12046349	0.386235	0.34843955	0.57911259	
NA	ENSG00000268593	0	NA	NA	NA	NA	
NA	ENSG00000268595	0	NA	NA	NA	NA	
NA	ENSG00000268597	0	NA	NA	NA	NA	
NA	ENSG00000268598	0.4831575	-0.00576863	0.38312991	0.87793102	NA	VN1R80P
NA	ENSG00000268601	0	NA	NA	NA	NA	
NA	ENSG00000268603	9.0021573	0.02704	0.34790136	0.85996917	0.93761545	
NA	ENSG00000268605	0	NA	NA	NA	NA	
4101	ENSG00000268606	824.353205	-0.22920686	0.10334811	0.02087016	0.07536656	MAGEA2
NA	ENSG00000268614	0	NA	NA	NA	NA	
NA	ENSG00000268615	0	NA	NA	NA	NA	
NA	ENSG00000268618	0	NA	NA	NA	NA	
NA	ENSG00000268620	0	NA	NA	NA	NA	
645553	ENSG00000268621	0	NA	NA	NA	NA	IGFL2-AS1

NA	ENSG00000268623	0	NA	NA	NA	NA	
NA	ENSG00000268628	0.35666224	0.02381692	0.38538104	0.61402655	NA	
56157	ENSG00000268629	0.173124	-0.01911262	0.38486262	0.84537521	NA	TEX13A
NA	ENSG00000268635	30.0356337	0.24452489	0.32870086	0.24703496	0.46606087	
NA	ENSG00000268636	0	NA	NA	NA	NA	
NA	ENSG00000268643	3.67245056	0.25735448	0.50701467	0.0256422	0.08884759	
NA	ENSG00000268649	17.8643252	0.1410136	0.33518724	0.45769937	0.68122697	
102725254	ENSG00000268650	1.06003917	-0.00132398	0.3801134	0.95172595	NA	
246100	ENSG00000268651	0	NA	NA	NA	NA	CTAG1A
NA	ENSG00000268652	0	NA	NA	NA	NA	
100073347	ENSG00000268654	17.5498543	-0.03575536	0.31547716	0.84258267	0.928413	MIMT1
101059948	ENSG00000268655	9.5312256	1.63717177	1.11743586	0.00411247	0.01974622	
400680	ENSG00000268658	0.71010969	-0.03996203	0.38708633	0.37895312	NA	LINC00664
NA	ENSG00000268659	0	NA	NA	NA	NA	
NA	ENSG00000268660	1.15981671	0.01758056	0.37923829	0.79715227	NA	LETM1P2
NA	ENSG00000268663	0	NA	NA	NA	NA	WBP1LP6
NA	ENSG00000268669	0	NA	NA	NA	NA	
NA	ENSG00000268670	11.9290059	0.11228353	0.35244515	0.50797902	0.7237561	
NA	ENSG00000268673	0	NA	NA	NA	NA	
NA	ENSG00000268677	0	NA	NA	NA	NA	
NA	ENSG00000268678	5.15358268	0.0201258	0.36196996	0.87356673	0.94441388	
NA	ENSG00000268681	0	NA	NA	NA	NA	COX6CP7
NA	ENSG00000268683	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000268685	0	NA	NA	NA	NA	
101928295	ENSG00000268686	4.48078597	0.30291006	0.54703628	0.0330267	0.1082163	
646864	ENSG00000268696	0.32447073	-0.02327818	0.38532213	0.66823646	NA	ZNF723
NA	ENSG00000268705	0.76912811	-0.05419828	0.38909625	0.28645859	NA	BNIP3P26
NA	ENSG00000268707	0	NA	NA	NA	NA	
NA	ENSG00000268711	0	NA	NA	NA	NA	
NA	ENSG00000268713	0.94612289	0.04084733	0.38743659	0.29648824	NA	
NA	ENSG00000268717	0	NA	NA	NA	NA	BNIP3P33
NA	ENSG00000268723	0	NA	NA	NA	NA	
NA	ENSG00000268729	0	NA	NA	NA	NA	
NA	ENSG00000268731	0	NA	NA	NA	NA	
NA	ENSG00000268734	0	NA	NA	NA	NA	
NA	ENSG00000268736	4.00579595	0.11516568	0.39356057	0.28276936	0.50782063	MTCO3P39
100130086	ENSG00000268738	7.66053322	0.14652135	0.40630962	0.20592791	0.4130216	HSFX2
NA	ENSG00000268739	0	NA	NA	NA	NA	

NA	ENSG00000268742	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000268743	1.05014376	-0.05880732	0.3902951	0.21335228	NA	
NA	ENSG00000268744	3.78833328	-0.01528971	0.37261429	0.87030814	0.94334099	
NA	ENSG00000268745	0	NA	NA	NA	NA	
NA	ENSG00000268746	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000268747	0.65262815	0.0045024	0.38195899	0.92326816	NA	
NA	ENSG00000268750	58.5775747	0.25727132	0.28406921	0.21472296	0.42507156	
NA	ENSG00000268751	2.57608434	0.07945885	0.38367296	0.40943667	0.63746555	SCGB1B2P
NA	ENSG00000268754	0	NA	NA	NA	NA	LINC01081
NA	ENSG00000268756	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
326342	ENSG00000268758	0	NA	NA	NA	NA	ADGRE4P
NA	ENSG00000268764	0	NA	NA	NA	NA	
NA	ENSG00000268777	0	NA	NA	NA	NA	
NA	ENSG00000268785	0	NA	NA	NA	NA	RPL7P50
NA	ENSG00000268789	0	NA	NA	NA	NA	VN1R87P
NA	ENSG00000268790	29.32479	-0.29806345	0.47532451	0.11164756	0.2700997	
NA	ENSG00000268794	0	NA	NA	NA	NA	VN1R90P
NA	ENSG00000268797	0	NA	NA	NA	NA	
NA	ENSG00000268798	27.3559112	-0.13747677	0.30572687	0.48460527	0.70472539	
340096	ENSG00000268799	0.173733	0.01914545	0.38484597	0.78225479	NA	H3Y2
NA	ENSG00000268803	0	NA	NA	NA	NA	
NA	ENSG00000268804	0	NA	NA	NA	NA	LINC02132
NA	ENSG00000268810	0	NA	NA	NA	NA	
91370	ENSG00000268812	4.88963371	0.06315404	0.36633515	0.62654582	0.81036167	LIF-AS2
NA	ENSG00000268818	0	NA	NA	NA	NA	
NA	ENSG00000268823	0	NA	NA	NA	NA	
NA	ENSG00000268830	0	NA	NA	NA	NA	BNIP3P32
NA	ENSG00000268833	0	NA	NA	NA	NA	
NA	ENSG00000268834	0	NA	NA	NA	NA	OR7A1P
NA	ENSG00000268836	6.19943277	0.07599505	0.36708758	0.57232713	0.7723153	
NA	ENSG00000268839	0	NA	NA	NA	NA	
NA	ENSG00000268842	0	NA	NA	NA	NA	
NA	ENSG00000268845	0	NA	NA	NA	NA	
NA	ENSG00000268847	0.173733	0.01914545	0.38484597	0.78225479	NA	SIGLEC31P
NA	ENSG00000268849	0	NA	NA	NA	NA	SIGLEC22P
NA	ENSG00000268854	0.79436418	-0.00475161	0.38151644	0.92663463	NA	
112268269	ENSG00000268858	213.500583	0.31114272	0.154874	0.02796385	0.09493544	
284379	ENSG00000268864	0	NA	NA	NA	NA	

NA	ENSG00000268866	0	NA	NA	NA	NA	
NA	ENSG00000268869	3.31013815	-0.00827566	0.37093089	0.93213289	0.97175748	ESPNP
NA	ENSG00000268870	8.18599361	0.02192681	0.34854737	0.88535213	0.95004523	
NA	ENSG00000268873	0	NA	NA	NA	NA	
NA	ENSG00000268879	0	NA	NA	NA	NA	IGFL1P1
NA	ENSG00000268883	11.478688	-0.46037625	0.64937077	0.04725653	0.14240119	PNMA6B
NA	ENSG00000268884	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000268886	0	NA	NA	NA	NA	
NA	ENSG00000268889	2.09303037	0.11281368	0.40152919	0.16094046	NA	
NA	ENSG00000268892	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000268894	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PLCE1-AS1
503538	ENSG00000268895	194.623053	0.2329326	0.16865966	0.12396337	0.29179342	A1BG-AS1
NA	ENSG00000268896	3.04103128	-0.09241603	0.38585355	0.36850263	0.59789763	
102723547	ENSG00000268902	17.2905384	-0.25642264	0.46172919	0.10954602	0.26628191	CSAG2
NA	ENSG00000268903	26.7675292	-0.00101278	0.32025153	0.99314268	0.99778445	
NA	ENSG00000268906	0	NA	NA	NA	NA	
NA	ENSG00000268908	0	NA	NA	NA	NA	VN1R92P
NA	ENSG00000268912	97.102856	-0.13546722	0.21023107	0.44161859	0.66649268	
389903	ENSG00000268916	444.128777	0.04221066	0.11727464	0.70701284	0.85886619	CSAG3
NA	ENSG00000268922	0	NA	NA	NA	NA	
NA	ENSG00000268926	0.63935496	-0.01494799	0.38323192	0.71470105	NA	
NA	ENSG00000268931	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000268938	0.67229061	0.02643726	0.38366957	0.58161294	NA	
541466	ENSG00000268940	0	NA	NA	NA	NA	CT45A1
79160	ENSG00000268941	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01711
NA	ENSG00000268942	0	NA	NA	NA	NA	CKS1BP3
NA	ENSG00000268945	2.38270397	0.11875888	0.40782309	0.06970543	NA	
NA	ENSG00000268947	4.89061704	-0.01028014	0.36226548	0.93073707	0.97111825	
NA	ENSG00000268949	1.59716096	-0.05833799	0.38501751	0.40342427	NA	MRPS17P1
NA	ENSG00000268951	0.18922458	0.01954053	0.38488496	0.78225479	NA	CDRT15P7
NA	ENSG00000268955	0.32580439	0.00221937	0.3833783	0.95906255	NA	
NA	ENSG00000268957	0	NA	NA	NA	NA	
100271846	ENSG00000268964	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ERVV-2
NA	ENSG00000268967	0	NA	NA	NA	NA	
NA	ENSG00000268970	7.0326313	0.26469631	0.47896365	0.09010154	0.23086121	
NA	ENSG00000268975	0.92183469	-0.0502854	0.38870752	0.27103757	NA	MIA-RAB4B
NA	ENSG00000268981	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000268983	0	NA	NA	NA	NA	

NA	ENSG00000268985	0	NA	NA	NA	NA	
NA	ENSG00000268987	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
494119	ENSG00000268988	0	NA	NA	NA	NA	SPANXN2
NA	ENSG00000268992	0.49772858	-0.01060053	0.38285799	0.82297184	NA	CDC42EP3P1
NA	ENSG00000268993	0.30139824	-0.02296476	0.38527817	0.68536535	NA	RPL22P6
100132304	ENSG00000268994	0	NA	NA	NA	NA	FAM236B
NA	ENSG00000268995	0.74659737	-0.03303578	0.38644226	0.4112877	NA	VN1R82P
100289341	ENSG00000268996	33.233224	0.12374164	0.2900194	0.53192183	0.74319219	MAN1B1-DT
NA	ENSG00000268997	0	NA	NA	NA	NA	DNAJC19P3
NA	ENSG00000269001	93.3091795	-0.44804825	0.28416843	0.03906307	0.12329166	
NA	ENSG00000269009	0	NA	NA	NA	NA	SLC6A21P
NA	ENSG00000269012	0.51937201	-0.02557462	0.38567603	0.54680819	NA	KRT18P40
NA	ENSG00000269014	0	NA	NA	NA	NA	
NA	ENSG00000269019	1.75784403	0.12990307	0.41459743	0.03554243	NA	HOMER3-AS1
NA	ENSG00000269021	0	NA	NA	NA	NA	SIGLEC24P
NA	ENSG00000269025	0	NA	NA	NA	NA	
NA	ENSG00000269026	7.5975132	0.18718832	0.41426151	0.19790489	0.4020513	
100462981	ENSG00000269028	0.36268051	0.00121823	0.38336652	0.96430717	NA	MTRNR2L12
NA	ENSG00000269032	0	NA	NA	NA	NA	
NA	ENSG00000269035	0	NA	NA	NA	NA	
100652911	ENSG00000269037	0	NA	NA	NA	NA	LINC01838
NA	ENSG00000269038	4.21149128	-0.04887919	0.37102391	0.65882214	0.83075068	SF1-DT
NA	ENSG00000269040	1.87940863	-0.05158942	0.38263963	0.48743844	NA	BNIP3P24
NA	ENSG00000269043	0.42454348	-0.02597822	0.38560117	0.58586612	NA	
NA	ENSG00000269044	95.521102	-0.07431071	0.20611807	0.66837603	0.83697256	
NA	ENSG00000269050	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000269053	0.61493321	-0.01565636	0.38336499	0.72185183	NA	
NA	ENSG00000269054	26.264787	0.72218604	0.48367506	0.01658078	0.0626357	ZNF497-AS1
NA	ENSG00000269055	0	NA	NA	NA	NA	BNIP3P18
125972	ENSG00000269058	0.30139824	-0.02296476	0.38527817	0.68536535	NA	CALR3
NA	ENSG00000269066	0	NA	NA	NA	NA	
388523	ENSG00000269067	4.65935934	-0.21668234	0.46440418	0.04468797	0.13639738	ZNF728
NA	ENSG00000269068	8.67250651	0.09844715	0.37471485	0.46221793	0.6851832	
NA	ENSG00000269069	119.045469	0.10567041	0.20336403	0.54046321	0.7491644	
101928517	ENSG00000269072	0	NA	NA	NA	NA	
NA	ENSG00000269082	0	NA	NA	NA	NA	
NA	ENSG00000269085	0	NA	NA	NA	NA	
NA	ENSG00000269086	35.9332752	-0.45773292	0.38610976	0.06172321	0.17524162	

NA	ENSG00000269091	15.3917947	1.18920104	0.77745499	0.00614809	0.02766569	
NA	ENSG00000269095	0.63890519	-0.0210218	0.38316839	0.66784759	NA	
441519	ENSG00000269096	0	NA	NA	NA	NA	CT45A3
NA	ENSG00000269097	0	NA	NA	NA	NA	TPRG1LP1
NA	ENSG00000269099	0	NA	NA	NA	NA	LSP1P1
NA	ENSG00000269102	0	NA	NA	NA	NA	
NA	ENSG00000269103	0	NA	NA	NA	NA	
NA	ENSG00000269106	1.55819657	0.01684566	0.38118111	0.76880772	NA	
NA	ENSG00000269107	0	NA	NA	NA	NA	
NA	ENSG00000269110	0	NA	NA	NA	NA	
388630	ENSG00000269113	3.20008708	0.14340475	0.41364511	0.11999657	0.28519048	TRABD2B
NA	ENSG00000269118	0	NA	NA	NA	NA	FAM90A28P
NA	ENSG00000269119	0	NA	NA	NA	NA	HNRNPA1P52
NA	ENSG00000269124	0.34121272	0.02362731	0.38535352	0.62405134	NA	
NA	ENSG00000269125	0.64567547	0.00157296	0.3819301	0.97208762	NA	
NA	ENSG00000269130	0	NA	NA	NA	NA	
641367	ENSG00000269136	1.11906587	-0.02538469	0.38200631	0.65316121	NA	BRI3BPP1
NA	ENSG00000269138	0	NA	NA	NA	NA	ZNF209P
NA	ENSG00000269139	4.20244961	-0.01010668	0.36332517	0.93126775	0.97136597	
NA	ENSG00000269145	0	NA	NA	NA	NA	MAST3-AS1
NA	ENSG00000269148	8.45314338	0.15654705	0.38314192	0.3280088	0.55648815	
NA	ENSG00000269151	0	NA	NA	NA	NA	
NA	ENSG00000269153	0.31810842	0.00105222	0.38336605	0.966995	NA	LYPLA2P2
NA	ENSG00000269154	0	NA	NA	NA	NA	BNIP3P13
441179	ENSG00000269155	0.67708016	0.00443451	0.38190422	0.92493652	NA	
NA	ENSG00000269161	0	NA	NA	NA	NA	
NA	ENSG00000269172	0	NA	NA	NA	NA	
NA	ENSG00000269176	51.2593374	-0.11436362	0.25357095	0.55184914	0.75827183	
NA	ENSG00000269177	0	NA	NA	NA	NA	
NA	ENSG00000269179	0	NA	NA	NA	NA	
NA	ENSG00000269181	0	NA	NA	NA	NA	
100506542	ENSG00000269186	0	NA	NA	NA	NA	LINC01082
NA	ENSG00000269188	0	NA	NA	NA	NA	
NA	ENSG00000269189	0	NA	NA	NA	NA	
115290	ENSG00000269190	711.756955	0.20939415	0.10101069	0.0312983	0.10370043	FBXO17
NA	ENSG00000269191	0.69234742	0.02488767	0.38339789	0.58190081	NA	
NA	ENSG00000269194	10.9254846	0.08486376	0.34552738	0.61308347	0.80076208	
375196	ENSG00000269210	2.36798608	0.0885842	0.3922683	0.25580509	NA	

200298	ENSG00000269220	2.65384213	0.00961389	0.37051779	0.92579159	0.9691565	LINC00528
286527	ENSG00000269226	218.370554	0.1730639	0.15128382	0.21290128	0.42281896	
NA	ENSG00000269228	0	NA	NA	NA	NA	RPS27AP19
101669766	ENSG00000269235	9.18412422	-0.44509483	0.67943608	0.03785866	0.12050631	ZNF350-AS1
NA	ENSG00000269236	0	NA	NA	NA	NA	
NA	ENSG00000269237	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000269242	0	NA	NA	NA	NA	
NA	ENSG00000269243	56.1453108	-0.1251566	0.29900953	0.52247593	0.73579802	
NA	ENSG00000269244	0	NA	NA	NA	NA	RPL23AP78
NA	ENSG00000269246	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000269253	0	NA	NA	NA	NA	SIGLEC21P
NA	ENSG00000269256	0	NA	NA	NA	NA	
NA	ENSG00000269266	0	NA	NA	NA	NA	DNAJC19P2
NA	ENSG00000269271	0	NA	NA	NA	NA	
NA	ENSG00000269274	0.34338231	0.00346128	0.38340125	0.95462385	NA	
NA	ENSG00000269275	6.27688106	0.00929655	0.35476337	0.94838002	0.97876335	
NA	ENSG00000269281	0	NA	NA	NA	NA	S100A11P8
NA	ENSG00000269288	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100505851	ENSG00000269289	1.87713398	0.05374946	0.38155386	0.5081447	NA	
NA	ENSG00000269292	0	NA	NA	NA	NA	
100129195	ENSG00000269293	51.0169728	0.17164996	0.26047819	0.3837626	0.61293849	ZSCAN16-AS1
NA	ENSG00000269296	0.63930624	0.00376659	0.38252761	0.92837376	NA	
NA	ENSG00000269300	1.62550097	-0.00992829	0.37821763	0.88813277	NA	
NA	ENSG00000269303	0.45040812	-0.0273326	0.38571575	0.56135725	NA	GRAMD1A-AS1
NA	ENSG00000269304	0	NA	NA	NA	NA	FKBP1AP1
NA	ENSG00000269307	11.3383567	0.02549396	0.35855497	0.8505584	0.9323763	
79917	ENSG00000269313	19.590503	0.20120967	0.36625124	0.29439367	0.52061418	MAGIX
NA	ENSG00000269316	0	NA	NA	NA	NA	RAD54L2P1
NA	ENSG00000269318	13.9670873	0.140077	0.34923565	0.44130324	0.6661181	
NA	ENSG00000269320	0	NA	NA	NA	NA	VN1R93P
NA	ENSG00000269321	0	NA	NA	NA	NA	
440518	ENSG00000269332	0	NA	NA	NA	NA	GOLGA2P9
8517	ENSG00000269335	350.811623	0.14500541	0.12999924	0.23542672	0.45225273	IKBKG
100293516	ENSG00000269343	242.63889	-0.57804945	0.1534068	4.96E-05	0.0004054	ZNF587B
NA	ENSG00000269345	0	NA	NA	NA	NA	VN1R85P
NA	ENSG00000269349	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000269350	0	NA	NA	NA	NA	
NA	ENSG00000269352	91.8848829	0.48107565	0.24140329	0.0158895	0.06039228	PTOV1-AS2

NA	ENSG00000269353	0	NA	NA	NA	NA	
NA	ENSG00000269354	0	NA	NA	NA	NA	
NA	ENSG00000269356	0.4971252	-0.02957022	0.38590843	0.52452971	NA	
100128139	ENSG00000269364	0	NA	NA	NA	NA	LINC01233
NA	ENSG00000269365	0	NA	NA	NA	NA	
NA	ENSG00000269371	0.79943108	-0.00567429	0.38215247	0.9035681	NA	
NA	ENSG00000269373	0	NA	NA	NA	NA	
NA	ENSG00000269374	3.16964953	-0.02214346	0.37086778	0.82658479	0.92144622	
NA	ENSG00000269376	0	NA	NA	NA	NA	
NA	ENSG00000269378	111.188923	0.05973741	0.22491041	0.74521244	0.87993124	ITGB1P1
NA	ENSG00000269383	0	NA	NA	NA	NA	CYCSP7
NA	ENSG00000269385	0	NA	NA	NA	NA	
100507567	ENSG00000269386	43.6561592	0.11883887	0.27191802	0.54590505	0.75333225	RAB11B-AS1
NA	ENSG00000269387	0	NA	NA	NA	NA	
NA	ENSG00000269388	39.312097	-0.06292817	0.27982291	0.74421361	0.87961385	
NA	ENSG00000269391	0.31542582	-0.02307905	0.38529542	0.676986	NA	
NA	ENSG00000269392	2.36960251	0.094904	0.39000201	0.31127983	NA	
NA	ENSG00000269397	45.5972359	0.02959327	0.25550996	0.87847411	0.9462643	
NA	ENSG00000269399	11.8793886	-0.22062888	0.40024744	0.22767633	0.44257273	
NA	ENSG00000269400	0	NA	NA	NA	NA	
NA	ENSG00000269403	7.65543892	-0.06228662	0.35515776	0.67262393	0.83906698	
6689	ENSG00000269404	1.52663598	0.00408871	0.38014189	0.85886399	NA	SPIB
56001	ENSG00000269405	0	NA	NA	NA	NA	NXF2
104472717	ENSG00000269416	438.106107	0.11851359	0.13744889	0.35588913	0.58600518	LINC01224
NA	ENSG00000269419	0	NA	NA	NA	NA	
106144526	ENSG00000269420	0.14931947	-0.01844332	0.38480212	0.84537521	NA	PLA2G4C-AS1
NA	ENSG00000269421	5.08872241	0.04056134	0.36308585	0.75210885	0.88399524	
NA	ENSG00000269425	5.41017656	-0.00602467	0.35910355	0.96088066	0.98409417	
NA	ENSG00000269427	6.51073656	0.06229352	0.37706051	0.5475933	0.75435339	
NA	ENSG00000269431	0	NA	NA	NA	NA	BNIP3P8
101060233	ENSG00000269433	0	NA	NA	NA	NA	OPN1MW3
728343	ENSG00000269437	0	NA	NA	NA	NA	NXF2B
100507551	ENSG00000269439	26.7272661	-0.00685387	0.29314494	0.96940389	0.98853525	PGLS-DT
NA	ENSG00000269444	1.25801617	0.06207196	0.38884562	0.26112373	NA	
NA	ENSG00000269445	0	NA	NA	NA	NA	
NA	ENSG00000269446	0	NA	NA	NA	NA	
NA	ENSG00000269458	0	NA	NA	NA	NA	
NA	ENSG00000269460	0	NA	NA	NA	NA	

NA	ENSG00000269463	0.34044875	-9.22E-05	0.38336216	0.96612702	NA	
391769	ENSG00000269466	0	NA	NA	NA	NA	H3Y1
NA	ENSG00000269469	0.46860252	-0.0080609	0.38327481	0.85995946	NA	
NA	ENSG00000269471	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000269473	11.5098322	-0.09900909	0.3490376	0.55325383	0.75941303	ZNF132-DT
NA	ENSG00000269475	0	NA	NA	NA	NA	
NA	ENSG00000269476	2.61857479	-0.05194962	0.38043609	0.5349984	0.74596727	
NA	ENSG00000269480	0	NA	NA	NA	NA	
NA	ENSG00000269481	16.2428049	-0.02253153	0.32483077	0.89553631	0.95469109	
NA	ENSG00000269482	3.24544971	0.04963557	0.3787699	0.57583141	0.7744963	
NA	ENSG00000269483	0	NA	NA	NA	NA	
NA	ENSG00000269486	26.3447766	-0.13451488	0.31556517	0.48817053	0.70793826	ERVK9-11
NA	ENSG00000269487	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000269489	1.15650921	-0.00863018	0.37961705	0.89186675	NA	
NA	ENSG00000269495	0	NA	NA	NA	NA	
63947	ENSG00000269502	0.30139824	-0.02296476	0.38527817	0.68536535	NA	DMRTC1
NA	ENSG00000269504	0	NA	NA	NA	NA	
NA	ENSG00000269505	0	NA	NA	NA	NA	ZNF92P2
NA	ENSG00000269506	0.49439866	0.01628241	0.38325613	0.73156926	NA	
NA	ENSG00000269509	0	NA	NA	NA	NA	BNIP3P34
NA	ENSG00000269514	11.699784	0.16448097	0.36813766	0.35597812	0.58601111	
NA	ENSG00000269516	0	NA	NA	NA	NA	CYP4F23P
NA	ENSG00000269519	0	NA	NA	NA	NA	
NA	ENSG00000269524	0	NA	NA	NA	NA	
147664	ENSG00000269526	0.98942658	0.00330748	0.38000443	0.95655404	NA	ERVV-1
NA	ENSG00000269533	2.36925665	-0.04377482	0.37786961	0.61779166	NA	
NA	ENSG00000269534	1.04828521	0.00603464	0.38081688	0.91395108	NA	
NA	ENSG00000269535	0.47047398	-0.00728133	0.38322951	0.86733887	NA	
NA	ENSG00000269540	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000269543	0.49973239	0.00840206	0.38318293	0.80956682	NA	
NA	ENSG00000269546	0	NA	NA	NA	NA	CLIC4P2
NA	ENSG00000269547	0	NA	NA	NA	NA	
NA	ENSG00000269552	0	NA	NA	NA	NA	OR7A8P
NA	ENSG00000269553	0	NA	NA	NA	NA	
84548	ENSG00000269556	277.855498	0.34582662	0.14825135	0.01137494	0.04615107	TMEM185A
NA	ENSG00000269559	5.98426436	0.09384465	0.37662767	0.45834746	0.68173128	
NA	ENSG00000269560	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000269564	0	NA	NA	NA	NA	

	NA	ENSG00000269565	0	NA	NA	NA	NA	GPR32P1
	NA	ENSG00000269570	9.6856646	0.05831114	0.34720525	0.71302721	0.86187687	
	NA	ENSG00000269575	0	NA	NA	NA	NA	MTDHP5
	NA	ENSG00000269576	0	NA	NA	NA	NA	HNRNPMP2
	NA	ENSG00000269578	0	NA	NA	NA	NA	
	NA	ENSG00000269580	0	NA	NA	NA	NA	SIGLEC27P
	NA	ENSG00000269583	0	NA	NA	NA	NA	
	NA	ENSG00000269584	2.93661955	0.18457665	0.4411774	0.05819687	0.1673371	TDGF1P7
102723631	NA	ENSG00000269586	0	NA	NA	NA	NA	CT45A10
	NA	ENSG00000269588	0	NA	NA	NA	NA	
	NA	ENSG00000269590	0	NA	NA	NA	NA	
	NA	ENSG00000269599	0	NA	NA	NA	NA	
	NA	ENSG00000269600	7.78729083	-0.02507665	0.35313904	0.8578468	0.93653665	
	NA	ENSG00000269604	971.34239	-0.17489971	0.08491079	0.03431723	0.11167029	
	NA	ENSG00000269608	0	NA	NA	NA	NA	OSTCP3
100505761	NA	ENSG00000269609	207.294899	-0.47004493	0.17284053	0.0025742	0.01330348	C10orf95-AS1
	NA	ENSG00000269615	0.31809391	0.00103592	0.38336594	0.9671511	NA	MTDHP2
	NA	ENSG00000269621	0.32268904	-0.02325582	0.38531894	0.66949245	NA	
	NA	ENSG00000269622	4.86018313	0.01613978	0.36507421	0.89044429	0.95232275	TP53TG3HP
	NA	ENSG00000269635	0	NA	NA	NA	NA	
	NA	ENSG00000269637	0	NA	NA	NA	NA	RPL12P41
	NA	ENSG00000269646	0.31693913	0.00132998	0.38336824	0.9651102	NA	
	NA	ENSG00000269651	0	NA	NA	NA	NA	
	NA	ENSG00000269652	0	NA	NA	NA	NA	
	NA	ENSG00000269653	3.43280895	0.00244624	0.36647335	0.98441743	0.99457273	
106144593	NA	ENSG00000269656	1.61553327	-0.03171218	0.38049064	0.64435404	NA	NOP53-AS1
	NA	ENSG00000269662	0.53589682	0.01314342	0.38287819	0.74623147	NA	BNIP3P39
	NA	ENSG00000269667	0	NA	NA	NA	NA	
	NA	ENSG00000269678	0	NA	NA	NA	NA	OR7A18P
	NA	ENSG00000269680	1.8956745	0.07927509	0.38783785	0.3379926	NA	
	NA	ENSG00000269681	0	NA	NA	NA	NA	
	NA	ENSG00000269688	7.03166522	0.07775582	0.36121409	0.59287174	0.78702605	
	NA	ENSG00000269692	0	NA	NA	NA	NA	FKBP4P2
	NA	ENSG00000269693	0	NA	NA	NA	NA	
	NA	ENSG00000269694	2.27385815	-0.03599119	0.37714502	0.67467159	NA	
	NA	ENSG00000269696	13.1497308	0.1323687	0.35068596	0.45853188	0.68190334	ZNF470-DT
23619	NA	ENSG00000269699	3.7869072	-0.04541879	0.37096897	0.6787677	0.84319072	ZIM2
	NA	ENSG00000269706	0	NA	NA	NA	NA	

	NA	ENSG00000269707	16.6380096	5.22374711	1.1022003	8.34E-07	9.58E-06	
	NA	ENSG00000269711	0	NA	NA	NA	NA	
400818		ENSG00000269713	2875.20863	-0.00914161	0.06268458	0.8823913	0.94823075	NBPF9
110806280		ENSG00000269720	0.33471731	0.02354391	0.38534154	0.62842204	NA	CCDC194
	NA	ENSG00000269729	0	NA	NA	NA	NA	
	NA	ENSG00000269732	0.14931947	-0.01844332	0.38480212	0.84537521	NA	WBP1LP7
	NA	ENSG00000269736	0	NA	NA	NA	NA	
	NA	ENSG00000269737	105.363257	0.05509458	0.2106016	0.75378974	0.88507951	
	NA	ENSG00000269741	0	NA	NA	NA	NA	
	NA	ENSG00000269742	0.173733	0.01914545	0.38484597	0.78225479	NA	BNIP3P29
401612		ENSG00000269743	247.210402	-0.07119971	0.16796125	0.63617563	0.81722218	SLC25A53
	NA	ENSG00000269745	0	NA	NA	NA	NA	
	NA	ENSG00000269749	1.00415192	0.04322574	0.38779947	0.2717111	NA	
	NA	ENSG00000269752	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000269755	2.27069493	0.08073637	0.39650783	0.06234901	NA	
	NA	ENSG00000269758	0	NA	NA	NA	NA	
	NA	ENSG00000269761	0	NA	NA	NA	NA	
	NA	ENSG00000269763	0	NA	NA	NA	NA	EXOSC3P2
	NA	ENSG00000269765	0	NA	NA	NA	NA	
	NA	ENSG00000269776	0	NA	NA	NA	NA	DPPA5P1
	NA	ENSG00000269779	0	NA	NA	NA	NA	
100302127		ENSG00000269782	0	NA	NA	NA	NA	MIR1470
	NA	ENSG00000269786	0	NA	NA	NA	NA	
	NA	ENSG00000269787	0	NA	NA	NA	NA	OR7A3P
548313		ENSG00000269791	0	NA	NA	NA	NA	SSX4B
	NA	ENSG00000269792	0	NA	NA	NA	NA	
	NA	ENSG00000269793	1.91106304	0.07165186	0.39386151	0.09054586	NA	ZIM2-AS1
	NA	ENSG00000269794	7.32250549	0.00022652	0.35069008	0.99927906	0.99963176	
	NA	ENSG00000269796	0	NA	NA	NA	NA	
	NA	ENSG00000269799	0	NA	NA	NA	NA	
	NA	ENSG00000269800	0	NA	NA	NA	NA	PLEKHA3P1
	NA	ENSG00000269802	0	NA	NA	NA	NA	
	NA	ENSG00000269806	0	NA	NA	NA	NA	BICRA-AS1
	NA	ENSG00000269807	0	NA	NA	NA	NA	
	NA	ENSG00000269811	0.36308394	0.00153685	0.38336934	0.96130636	NA	SCGB2B3P
	NA	ENSG00000269813	0	NA	NA	NA	NA	
	NA	ENSG00000269815	9.33988429	0.67067281	0.95568813	0.02439168	0.0854247	
10984		ENSG00000269821	457.594037	-0.34455845	0.15881128	0.01690739	0.06368762	KCNQ1OT1

NA	ENSG00000269825	276.589806	-0.26590385	0.17642427	0.08946837	0.22960193	
NA	ENSG00000269826	0	NA	NA	NA	NA	
NA	ENSG00000269833	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000269834	162.142441	0.16780463	0.16958304	0.27014487	0.49334261	ZNF528-AS1
NA	ENSG00000269836	0	NA	NA	NA	NA	
NA	ENSG00000269837	225.215219	0.11600288	0.15808195	0.42132152	0.64728348	IPO5P1
NA	ENSG00000269839	0	NA	NA	NA	NA	
NA	ENSG00000269842	0	NA	NA	NA	NA	
NA	ENSG00000269843	2.42423248	0.09942466	0.39076889	0.3020128	NA	
641367	ENSG00000269845	12.6217954	0.05276357	0.33798719	0.75420951	0.88536281	CCNYL6
NA	ENSG00000269846	1.5092328	0.02306287	0.37690996	0.77670455	NA	
NA	ENSG00000269848	0	NA	NA	NA	NA	
646862	ENSG00000269855	6.52434695	0.10332793	0.38184455	0.40072776	0.62923932	RNF225
112398	ENSG00000269858	1251.76762	-0.14970417	0.09205757	0.09333943	0.23674616	EGLN2
NA	ENSG00000269859	0.36284259	0.00135523	0.38336765	0.96301713	NA	ZNF628-DT
NA	ENSG00000269867	27.3644883	-0.03663678	0.30157247	0.8441302	0.92948958	
NA	ENSG00000269873	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000269877	0	NA	NA	NA	NA	
NA	ENSG00000269883	5.76780029	-0.11566955	0.38434018	0.36377361	0.59354103	
NA	ENSG00000269885	0	NA	NA	NA	NA	VN1R79P
NA	ENSG00000269886	0.89834752	-0.05084323	0.38876994	0.27270535	NA	
NA	ENSG00000269887	4.86393448	-0.18790185	0.42659313	0.14522554	0.32572196	
NA	ENSG00000269888	0.99958807	0.04664537	0.38590469	0.37159486	NA	
NA	ENSG00000269889	1.36229233	0.03067233	0.38068039	0.64897129	NA	
NA	ENSG00000269891	15.0161808	-2.02982959	0.86577809	0.00080302	0.00488709	ARHGAP19-SLIT1
NA	ENSG00000269892	4.59285598	0.1436423	0.40348789	0.22297676	0.43606299	
100093630	ENSG00000269893	750.504572	-0.08828587	0.12079405	0.44017257	0.66517856	SNHG8
NA	ENSG00000269895	0	NA	NA	NA	NA	
100129534	ENSG00000269896	46.0595551	0.23657512	0.29517203	0.25573253	0.47680983	
100532731	ENSG00000269897	10.8406016	0.01649201	0.34698791	0.91553446	0.96412971	COMMD3-BMI1
NA	ENSG00000269898	0	NA	NA	NA	NA	
6023	ENSG00000269900	0	NA	NA	NA	NA	RMRP
NA	ENSG00000269901	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000269902	0	NA	NA	NA	NA	
NA	ENSG00000269903	0.8434054	0.0163406	0.38119526	0.77188461	NA	
139201	ENSG00000269904	0	NA	NA	NA	NA	MAP2K4P1
NA	ENSG00000269906	4.25001211	-0.01437335	0.36356508	0.90320075	0.95764766	
NA	ENSG00000269907	3.22315803	0.0388349	0.37393603	0.69677112	0.85365037	PTMAP11

NA	ENSG00000269910	21.9386785	0.01937746	0.31987982	0.91542079	0.96408684	
NA	ENSG00000269911	14.3052751	-0.23778454	0.39298439	0.22320732	0.43637055	FAM226B
NA	ENSG00000269915	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000269918	103.888729	-0.41230157	0.22443947	0.02838713	0.09609291	
NA	ENSG00000269919	0	NA	NA	NA	NA	
NA	ENSG00000269921	2.293087	-0.09515147	0.39131518	0.28633755	NA	
NA	ENSG00000269924	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000269925	3.68798191	0.03576009	0.37065585	0.74036682	0.87741937	
NA	ENSG00000269927	0	NA	NA	NA	NA	
112903833	ENSG00000269929	110.961623	-0.30072361	0.25748896	0.1325296	0.30570716	MIRLET7A1HG
NA	ENSG00000269930	0	NA	NA	NA	NA	
NA	ENSG00000269931	0	NA	NA	NA	NA	
NA	ENSG00000269933	0.32550011	0.00276241	0.38338726	0.95462016	NA	
NA	ENSG00000269934	15.4223957	-0.08688083	0.33419582	0.62185875	0.80695268	
NA	ENSG00000269935	3.31270651	-0.18498951	0.43591385	0.08909067	0.22877088	
NA	ENSG00000269937	466.01489	0.24657709	0.1136882	0.02283321	0.08099604	
NA	ENSG00000269938	6.86987691	-0.13559709	0.38460704	0.34289854	0.57311341	
NA	ENSG00000269939	0.15069912	-0.01848503	0.38480575	0.84537521	NA	PCF11-AS1
NA	ENSG00000269940	22.7734367	0.4102172	0.42494545	0.08903147	0.22865817	
NA	ENSG00000269944	0	NA	NA	NA	NA	
NA	ENSG00000269945	0	NA	NA	NA	NA	
NA	ENSG00000269947	6.74070315	0.13256788	0.37885171	0.37589622	0.60500552	
NA	ENSG00000269949	0.68486848	0.02183811	0.38380188	0.61263119	NA	
NA	ENSG00000269950	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000269951	32.0814107	0.12007136	0.29519417	0.54257362	0.75067368	
NA	ENSG00000269952	1.54774335	-0.02949073	0.37917168	0.68767807	NA	
NA	ENSG00000269954	70.561751	-0.86490576	0.42349008	0.00436977	0.0208191	
100996928	ENSG00000269955	758.679497	-0.37177566	0.10444006	0.00020871	0.0014794	FMC1-LUC7L2
100507423	ENSG00000269956	3.47932387	-0.04080983	0.3723645	0.69362058	0.85183585	MKNK1-AS1
NA	ENSG00000269957	0	NA	NA	NA	NA	
NA	ENSG00000269958	75.9998516	0.0774368	0.22501239	0.673341	0.83953925	
102238594	ENSG00000269959	12.2082012	-0.0353345	0.3383714	0.82727846	0.92189669	SPACA6P-AS
NA	ENSG00000269961	1.6207454	-0.03774643	0.38056759	0.60244371	NA	ERBIN-DT
101928601	ENSG00000269964	0	NA	NA	NA	NA	MEI4
NA	ENSG00000269966	0	NA	NA	NA	NA	
NA	ENSG00000269967	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000269968	2.16849621	-0.00422967	0.37606904	0.95639173	NA	
NA	ENSG00000269970	0	NA	NA	NA	NA	

NA	ENSG00000269971	0	NA	NA	NA	NA	
NA	ENSG00000269972	0	NA	NA	NA	NA	
NA	ENSG00000269973	87.925717	-0.19080112	0.22556794	0.30052854	0.52770034	
NA	ENSG00000269976	0.80338862	-0.00551616	0.3814501	0.91566916	NA	
NA	ENSG00000269978	2.76163405	0.04615608	0.37651188	0.62645014	0.81032538	
NA	ENSG00000269980	1.90612079	0.07647058	0.39091682	0.24910467	NA	
NA	ENSG00000269981	1.34999786	-0.07354612	0.39380321	0.13398426	NA	
NA	ENSG00000269982	51.4285398	0.18527872	0.27358647	0.35608408	0.58608828	
NA	ENSG00000269983	67.2075501	0.15473678	0.23374646	0.40989766	0.63781075	
NA	ENSG00000269984	66.4841862	-0.36049796	0.29835667	0.09683307	0.24333986	
101927972	ENSG00000269985	0	NA	NA	NA	NA	
NA	ENSG00000269986	0.3404501	-0.00010048	0.38336217	0.96620516	NA	
NA	ENSG00000269987	2.053698	0.10611595	0.4049185	0.04254481	NA	
NA	ENSG00000269989	0	NA	NA	NA	NA	
NA	ENSG00000269993	0	NA	NA	NA	NA	
440173	ENSG00000269994	0.34624801	-0.02356563	0.38536324	0.65270996	NA	LINC02893
NA	ENSG00000269997	6.452301	0.02637335	0.35513061	0.85183241	0.93275912	
NA	ENSG00000270000	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000270001	1.87035521	0.10401752	0.39767903	0.19477231	NA	
NA	ENSG00000270002	0.30001729	-0.0229446	0.38527539	0.68644786	NA	
101928659	ENSG00000270006	5.6568296	-0.12471834	0.38338774	0.36088252	0.59075159	C16orf95-DT
NA	ENSG00000270008	0	NA	NA	NA	NA	
7730	ENSG00000270011	34.2502714	-0.22816125	0.35617389	0.26295004	0.48497991	ZNF559-ZNF177
100529215	ENSG00000270011	34.2502714	-0.22816125	0.35617389	0.26295004	0.48497991	ZNF559-ZNF177
NA	ENSG00000270012	47.0926845	-0.21565376	0.28337774	0.29000022	0.51597205	
NA	ENSG00000270016	2.22462718	-0.01203883	0.37492032	0.88761052	NA	
NA	ENSG00000270017	0	NA	NA	NA	NA	
NA	ENSG00000270019	7.80511942	-0.01359575	0.35516051	0.91893579	0.96566134	
NA	ENSG00000270020	0.34109299	0.02362639	0.38535338	0.62411479	NA	
NA	ENSG00000270021	11.697085	0.04777817	0.34228266	0.76944414	0.89405696	
NA	ENSG00000270022	1.58496909	0.07997733	0.39333218	0.17319007	NA	
NA	ENSG00000270025	20.1780569	0.07331732	0.32319895	0.68892267	0.84898907	BMS1P7
NA	ENSG00000270031	0.47335017	-0.03506422	0.38628524	0.4958687	NA	
NA	ENSG00000270035	6.2047953	0.14322899	0.38889843	0.31758753	0.5454761	
NA	ENSG00000270036	3.08787339	-0.02109995	0.36909401	0.84215828	0.92836346	
NA	ENSG00000270038	0	NA	NA	NA	NA	
NA	ENSG00000270039	3.24044907	0.07489928	0.38072529	0.46258615	0.68551757	
NA	ENSG00000270048	1.57714651	0.02094707	0.37787799	0.78294921	NA	

101927837	ENSG00000270049	76.7144395	-0.00875845	0.24383967	0.96128795	0.98420647	ATP6V0D1-DT
NA	ENSG00000270050	0	NA	NA	NA	NA	
NA	ENSG00000270052	0.69492844	0.0405183	0.38717653	0.35476053	NA	
NA	ENSG00000270055	119.630507	0.0799535	0.19061073	0.63055968	0.81314944	
NA	ENSG00000270059	2.76917867	-0.04336812	0.37354438	0.66893069	0.83720078	
NA	ENSG00000270060	1.72691886	0.08775591	0.39219683	0.25127316	NA	
NA	ENSG00000270061	4.71172915	0.01981827	0.36380417	0.87176861	0.94401928	
NA	ENSG00000270062	2.09893758	-0.05742598	0.37931939	0.53211441	NA	
NA	ENSG00000270066	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000270068	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000270069	0	NA	NA	NA	NA	MIR222HG
NA	ENSG00000270071	0	NA	NA	NA	NA	
NA	ENSG00000270072	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000270073	0	NA	NA	NA	NA	TSPY6P
NA	ENSG00000270074	10.0807658	0.04497615	0.3607994	0.73809771	0.87628404	
NA	ENSG00000270075	0	NA	NA	NA	NA	
NA	ENSG00000270076	1.67747239	0.02205634	0.37615405	0.79329735	NA	
NA	ENSG00000270077	0	NA	NA	NA	NA	
NA	ENSG00000270082	0	NA	NA	NA	NA	
NA	ENSG00000270083	1.92261861	-0.04232474	0.37726163	0.63420292	NA	
NA	ENSG00000270084	20.0222401	0.21669751	0.35913052	0.28168164	0.50648575	GAS5-AS1
NA	ENSG00000270087	0	NA	NA	NA	NA	
NA	ENSG00000270090	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000270091	11.9431277	-0.00769849	0.33877061	0.95957386	0.98341575	
NA	ENSG00000270094	0	NA	NA	NA	NA	
NA	ENSG00000270095	0.68447597	0.00541377	0.3819123	0.90889052	NA	
NA	ENSG00000270096	10.4891507	-0.26306441	0.46530983	0.11167094	0.27012332	
NA	ENSG00000270098	0	NA	NA	NA	NA	LDHAL6EP
NA	ENSG00000270099	0	NA	NA	NA	NA	
NA	ENSG00000270100	9.98160824	-0.01856284	0.34003627	0.90575976	0.95887485	
NA	ENSG00000270103	0	NA	NA	NA	NA	
NA	ENSG00000270104	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000270106	7.53750774	-0.05700406	0.36985828	0.62815792	0.81131783	TSNAX-DISC1
NA	ENSG00000270108	10.2283654	0.05500158	0.34297457	0.73580623	0.87457438	
NA	ENSG00000270110	26.5174137	0.02370059	0.29883811	0.90203847	0.95687554	
NA	ENSG00000270111	0	NA	NA	NA	NA	CELF2-DT
NA	ENSG00000270112	3.05422057	0.03347406	0.37478656	0.71727409	0.86393382	ST8SIA5-DT
NA	ENSG00000270114	0	NA	NA	NA	NA	

NA	ENSG00000270115	6.62805588	0.12067379	0.37867521	0.39572801	0.6251488	
NA	ENSG00000270116	2.38434738	0.01054513	0.37331078	0.90994251	NA	
NA	ENSG00000270117	0	NA	NA	NA	NA	
NA	ENSG00000270118	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000270120	0	NA	NA	NA	NA	
NA	ENSG00000270123	0	NA	NA	NA	NA	VTRNA2-1
NA	ENSG00000270124	0.98907446	0.03609153	0.38510497	0.43080124	NA	
NA	ENSG00000270127	32.1645111	-0.41588397	0.37645205	0.08157857	0.21430178	
NA	ENSG00000270130	7.10680902	-0.09255827	0.36932595	0.50393663	0.72045005	
NA	ENSG00000270131	0	NA	NA	NA	NA	
NA	ENSG00000270133	1.21842529	0.02392755	0.37952657	0.73000727	NA	
NA	ENSG00000270135	0.89591684	-0.03845544	0.3871124	0.33943682	NA	
NA	ENSG00000270136	0	NA	NA	NA	NA	MICOS10-NBL1
NA	ENSG00000270137	0.47637517	-0.00789311	0.38277956	0.86399521	NA	
NA	ENSG00000270139	0	NA	NA	NA	NA	
NA	ENSG00000270140	0.46846875	-0.00685483	0.38321541	0.87399715	NA	
NA	ENSG00000270141	2.3835173	-0.0007507	0.37936134	0.9885062	NA	TERC
NA	ENSG00000270147	2.75431825	0.02746676	0.3738056	0.771951	0.89538192	
NA	ENSG00000270149	101.495275	-0.10271564	0.20464797	0.55237923	0.75884254	
NA	ENSG00000270154	0.49091588	0.01180852	0.38342692	0.77816255	NA	
NA	ENSG00000270157	70.6081984	0.27420901	0.24659251	0.16085932	0.3488699	
101928557	ENSG00000270159	0.5160545	-0.0092487	0.38321558	0.82763739	NA	
101927931	ENSG00000270164	0	NA	NA	NA	NA	LINC01480
NA	ENSG00000270165	3.24362055	0.09518333	0.38861991	0.3341887	0.56389725	
NA	ENSG00000270166	0	NA	NA	NA	NA	
152217	ENSG00000270170	619.253612	-0.03442624	0.09884447	0.71776156	0.86431108	NCBP2AS2
NA	ENSG00000270171	6.74185498	0.05318597	0.35550957	0.71498332	0.86271551	
101927950	ENSG00000270174	0	NA	NA	NA	NA	
NA	ENSG00000270175	11.5737136	0.26010782	0.42524128	0.1724491	0.36510405	
NA	ENSG00000270177	10.5596969	0.02139922	0.34038248	0.89565628	0.95469109	PPP2CA-DT
NA	ENSG00000270179	4.72865421	-0.10964783	0.38161394	0.39171574	0.62114503	
100533467	ENSG00000270181	39.9861059	-0.11189346	0.39695444	0.23512814	0.45198549	BIVM-ERCC5
NA	ENSG00000270182	0	NA	NA	NA	NA	
NA	ENSG00000270184	7.6133974	0.24755105	0.45059977	0.13205535	0.30496778	
NA	ENSG00000270188	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MTRNR2L11
NA	ENSG00000270190	0	NA	NA	NA	NA	
NA	ENSG00000270191	0	NA	NA	NA	NA	BNIP3P31
NA	ENSG00000270192	0	NA	NA	NA	NA	MRPS35P3

NA	ENSG00000270193	0	NA	NA	NA	NA	
152048	ENSG00000270194	20.2176386	0.3010335	0.39609627	0.16482781	0.35449146	GOLGA4-AS1
NA	ENSG00000270196	0	NA	NA	NA	NA	GTF3C6P3
NA	ENSG00000270200	0	NA	NA	NA	NA	
NA	ENSG00000270202	0	NA	NA	NA	NA	
NA	ENSG00000270204	0	NA	NA	NA	NA	
NA	ENSG00000270207	4.47984631	0.11373542	0.38452811	0.36690469	0.59618256	
NA	ENSG00000270209	0	NA	NA	NA	NA	
NA	ENSG00000270210	0	NA	NA	NA	NA	
NA	ENSG00000270212	0	NA	NA	NA	NA	
NA	ENSG00000270218	0	NA	NA	NA	NA	
NA	ENSG00000270222	0	NA	NA	NA	NA	DUXAP11
NA	ENSG00000270225	0.173124	-0.01911262	0.38486262	0.84537521	NA	MTCO2P22
NA	ENSG00000270226	0	NA	NA	NA	NA	
NA	ENSG00000270228	7.62076382	0.03016782	0.35504805	0.83133722	0.92375976	
NA	ENSG00000270230	0	NA	NA	NA	NA	MTND6P22
728841	ENSG00000270231	968.438643	0.2477688	0.08806054	0.0037819	0.01839941	NBPF8
NA	ENSG00000270232	0	NA	NA	NA	NA	MTCYBP22
NA	ENSG00000270234	0	NA	NA	NA	NA	
NA	ENSG00000270236	0	NA	NA	NA	NA	
NA	ENSG00000270240	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000270241	0	NA	NA	NA	NA	
NA	ENSG00000270242	0	NA	NA	NA	NA	ACTR3BP1
NA	ENSG00000270243	0	NA	NA	NA	NA	
NA	ENSG00000270244	0	NA	NA	NA	NA	
NA	ENSG00000270248	0.36316552	0.00159358	0.38336991	0.96077186	NA	
NA	ENSG00000270249	10.8968708	0.09162971	0.3606999	0.54739386	0.75429185	
NA	ENSG00000270252	0	NA	NA	NA	NA	IGKV3OR2-5
NA	ENSG00000270255	0	NA	NA	NA	NA	
NA	ENSG00000270257	0.3479061	-0.00148364	0.38336983	0.9825001	NA	
NA	ENSG00000270258	0	NA	NA	NA	NA	DUXAP4
NA	ENSG00000270259	0	NA	NA	NA	NA	
NA	ENSG00000270264	0.83991999	-0.03160319	0.38388419	0.52421854	NA	NDUFB8P2
NA	ENSG00000270265	0	NA	NA	NA	NA	
NA	ENSG00000270268	0	NA	NA	NA	NA	CORO1CP1
NA	ENSG00000270269	0	NA	NA	NA	NA	IMMP1LP1
NA	ENSG00000270270	1.11530063	-0.0013226	0.37855888	0.98437126	NA	BNIP3P10
NA	ENSG00000270273	0	NA	NA	NA	NA	

NA	ENSG00000270275	0	NA	NA	NA	NA	TRMT112P7
554313	ENSG00000270276	60.7436842	-0.03174884	0.37857331	0.677535	0.84255476	H4C15
NA	ENSG00000270277	32.8069044	0.00518783	0.28426191	0.97979158	0.99328572	
NA	ENSG00000270279	0	NA	NA	NA	NA	
NA	ENSG00000270280	0	NA	NA	NA	NA	SMIM15P1
NA	ENSG00000270281	0.68151806	0.00336183	0.38128977	0.94741712	NA	
NA	ENSG00000270282	0	NA	NA	NA	NA	
NA	ENSG00000270285	0	NA	NA	NA	NA	
NA	ENSG00000270287	0	NA	NA	NA	NA	
NA	ENSG00000270289	0	NA	NA	NA	NA	
NA	ENSG00000270292	1.74694685	-0.02545687	0.37597114	0.76589513	NA	
NA	ENSG00000270293	0	NA	NA	NA	NA	
NA	ENSG00000270294	0	NA	NA	NA	NA	XIAPP1
NA	ENSG00000270296	0.55520737	0.03305063	0.38625061	0.4498508	NA	STX8P1
NA	ENSG00000270299	2.64410169	-0.13102581	0.40947232	0.12166324	0.28819117	
NA	ENSG00000270300	6.67527765	0.00714018	0.35164622	0.9622792	0.98476398	PHACTR2P1
NA	ENSG00000270301	0	NA	NA	NA	NA	
NA	ENSG00000270302	0	NA	NA	NA	NA	
NA	ENSG00000270304	0	NA	NA	NA	NA	
NA	ENSG00000270306	0	NA	NA	NA	NA	
NA	ENSG00000270307	0	NA	NA	NA	NA	MTATP6P2
NA	ENSG00000270308	0	NA	NA	NA	NA	TEX101P1
NA	ENSG00000270313	0	NA	NA	NA	NA	COX6CP16
NA	ENSG00000270314	0	NA	NA	NA	NA	
NA	ENSG00000270316	0	NA	NA	NA	NA	BORCS7-ASMT
NA	ENSG00000270317	0	NA	NA	NA	NA	
NA	ENSG00000270318	0	NA	NA	NA	NA	IGHV3OR16-11
NA	ENSG00000270321	0	NA	NA	NA	NA	
NA	ENSG00000270322	0	NA	NA	NA	NA	
NA	ENSG00000270323	0	NA	NA	NA	NA	
NA	ENSG00000270324	0	NA	NA	NA	NA	
NA	ENSG00000270325	0	NA	NA	NA	NA	BNIP3P9
NA	ENSG00000270326	0	NA	NA	NA	NA	SMIM15P2
NA	ENSG00000270328	0	NA	NA	NA	NA	
NA	ENSG00000270330	0	NA	NA	NA	NA	
101928550	ENSG00000270332	1.24644129	-0.08553511	0.39678224	0.11858426	NA	SMC2-DT
NA	ENSG00000270333	0	NA	NA	NA	NA	
NA	ENSG00000270335	0	NA	NA	NA	NA	

NA	ENSG00000270336	0	NA	NA	NA	NA	
105371242	ENSG00000270339	0	NA	NA	NA	NA	PPIAL4H
NA	ENSG00000270342	0	NA	NA	NA	NA	
NA	ENSG00000270343	0.49782191	-0.01051652	0.38285295	0.82402112	NA	UNGP3
NA	ENSG00000270344	31.5697967	-0.05550254	0.28945563	0.77073585	0.89494676	POC1B-AS1
NA	ENSG00000270347	0	NA	NA	NA	NA	
NA	ENSG00000270350	0	NA	NA	NA	NA	MTND4LP5
NA	ENSG00000270352	0	NA	NA	NA	NA	
NA	ENSG00000270354	0	NA	NA	NA	NA	
NA	ENSG00000270359	0	NA	NA	NA	NA	
NA	ENSG00000270361	1.06205868	-0.04521505	0.38563131	0.39047697	NA	
100288198	ENSG00000270362	30.7488315	0.12425091	0.29430944	0.53000916	0.7416689	HMGN3-AS1
NA	ENSG00000270367	0	NA	NA	NA	NA	
NA	ENSG00000270369	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000270371	0	NA	NA	NA	NA	ATP6V1G1P1
NA	ENSG00000270372	0	NA	NA	NA	NA	
NA	ENSG00000270377	0	NA	NA	NA	NA	
NA	ENSG00000270378	0	NA	NA	NA	NA	
256957	ENSG00000270379	0	NA	NA	NA	NA	HEATR9
NA	ENSG00000270380	0	NA	NA	NA	NA	
NA	ENSG00000270381	0	NA	NA	NA	NA	
NA	ENSG00000270382	0	NA	NA	NA	NA	
NA	ENSG00000270384	0	NA	NA	NA	NA	RNU1-154P
NA	ENSG00000270385	0	NA	NA	NA	NA	
NA	ENSG00000270387	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000270388	0	NA	NA	NA	NA	MTCO3P22
NA	ENSG00000270390	0	NA	NA	NA	NA	SFXN4P1
767846	ENSG00000270392	68.0566841	0.18750514	0.27180354	0.34752833	0.57819389	PFN1P2
NA	ENSG00000270393	2.63826694	0.13520159	0.41854392	0.01815986	0.06731907	
NA	ENSG00000270394	0	NA	NA	NA	NA	MTRNR2L13
NA	ENSG00000270395	0	NA	NA	NA	NA	MREGP1
NA	ENSG00000270397	0	NA	NA	NA	NA	
NA	ENSG00000270400	0	NA	NA	NA	NA	
NA	ENSG00000270401	0	NA	NA	NA	NA	
NA	ENSG00000270402	0.3192764	0.00270276	0.38338637	0.95192815	NA	
NA	ENSG00000270403	0	NA	NA	NA	NA	
NA	ENSG00000270405	0	NA	NA	NA	NA	
NA	ENSG00000270409	1.5134386	0.05820444	0.38535481	0.39383317	NA	

NA	ENSG00000270411	0	NA	NA	NA	NA	
NA	ENSG00000270412	0	NA	NA	NA	NA	
NA	ENSG00000270413	0	NA	NA	NA	NA	
NA	ENSG00000270415	0	NA	NA	NA	NA	DPPA3P3
NA	ENSG00000270416	0	NA	NA	NA	NA	REXO1L4P
100526820	ENSG00000270419	14.3836636	0.1073091	0.34206994	0.54404988	0.75203439	CAHM
NA	ENSG00000270421	0	NA	NA	NA	NA	
NA	ENSG00000270422	0	NA	NA	NA	NA	
NA	ENSG00000270423	0	NA	NA	NA	NA	
NA	ENSG00000270424	1.44421219	-0.05496823	0.38445218	0.42772213	NA	
NA	ENSG00000270425	0	NA	NA	NA	NA	
NA	ENSG00000270426	0.62215462	-0.04503069	0.3875621	0.37455912	NA	
NA	ENSG00000270427	3.24885051	-0.00708042	0.36758673	0.94673706	0.97814213	NRBF2P5
NA	ENSG00000270429	0.34050526	-0.00031276	0.38336254	0.9682173	NA	KNOP1P2
NA	ENSG00000270430	0	NA	NA	NA	NA	
NA	ENSG00000270431	0	NA	NA	NA	NA	PHF5FP
NA	ENSG00000270432	0	NA	NA	NA	NA	OR7E108P
NA	ENSG00000270433	3.73958438	-0.01783694	0.36787974	0.86932416	0.94304726	H3P37
NA	ENSG00000270434	0	NA	NA	NA	NA	
NA	ENSG00000270435	0	NA	NA	NA	NA	
NA	ENSG00000270437	0	NA	NA	NA	NA	
NA	ENSG00000270440	0	NA	NA	NA	NA	
NA	ENSG00000270441	5.03460115	0.089406	0.37460658	0.48400569	0.70421479	LAMB2P1
NA	ENSG00000270442	0	NA	NA	NA	NA	
NA	ENSG00000270443	0	NA	NA	NA	NA	
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NA	ENSG00000270446	0	NA	NA	NA	NA	RPL34P36
NA	ENSG00000270447	0	NA	NA	NA	NA	
NA	ENSG00000270449	0	NA	NA	NA	NA	
NA	ENSG00000270453	0	NA	NA	NA	NA	
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NA	ENSG00000270456	0	NA	NA	NA	NA	
NA	ENSG00000270457	0.47323796	-0.02843361	0.38580787	0.54302879	NA	
NA	ENSG00000270458	0	NA	NA	NA	NA	
NA	ENSG00000270460	0	NA	NA	NA	NA	
NA	ENSG00000270462	1.78724364	0.04736697	0.38057632	0.55507162	NA	
NA	ENSG00000270467	0	NA	NA	NA	NA	IGHV3OR16-12

NA	ENSG00000270469	0.71161522	0.02587463	0.38346887	0.56874302	NA	
NA	ENSG00000270470	0	NA	NA	NA	NA	
NA	ENSG00000270472	0	NA	NA	NA	NA	IGHV3OR16-9
NA	ENSG00000270474	0	NA	NA	NA	NA	IGHV3-29
NA	ENSG00000270475	0	NA	NA	NA	NA	
NA	ENSG00000270477	0	NA	NA	NA	NA	
NA	ENSG00000270479	1.13245948	-0.00668836	0.37861692	0.92232007	NA	BNIP3P37
NA	ENSG00000270480	0.323172	0.00150644	0.38336966	0.96665865	NA	
NA	ENSG00000270482	0.69493202	0.03154416	0.38626309	0.41391645	NA	
NA	ENSG00000270484	0	NA	NA	NA	NA	
NA	ENSG00000270487	0	NA	NA	NA	NA	
NA	ENSG00000270488	0	NA	NA	NA	NA	
NA	ENSG00000270490	0	NA	NA	NA	NA	
NA	ENSG00000270491	0	NA	NA	NA	NA	
NA	ENSG00000270492	1.01100047	0.00646151	0.38003461	0.91541882	NA	
NA	ENSG00000270493	0	NA	NA	NA	NA	
NA	ENSG00000270494	0	NA	NA	NA	NA	
NA	ENSG00000270495	0	NA	NA	NA	NA	
NA	ENSG00000270496	0	NA	NA	NA	NA	BNIP3P7
NA	ENSG00000270497	27.023879	0.24115888	0.33979723	0.25165731	0.47149344	
NA	ENSG00000270499	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MKI67P1
NA	ENSG00000270500	0	NA	NA	NA	NA	COX6CP4
NA	ENSG00000270503	0.18922458	0.01954053	0.38488496	0.78225479	NA	YTHDF2P1
NA	ENSG00000270504	2.93195269	0.22408915	0.4769432	0.01920979	0.07049338	
NA	ENSG00000270506	0	NA	NA	NA	NA	
NA	ENSG00000270507	0	NA	NA	NA	NA	
NA	ENSG00000270509	0	NA	NA	NA	NA	
NA	ENSG00000270510	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000270512	0.50768284	0.01546992	0.38314667	0.73844049	NA	
NA	ENSG00000270513	0	NA	NA	NA	NA	
NA	ENSG00000270516	0	NA	NA	NA	NA	
NA	ENSG00000270518	0	NA	NA	NA	NA	
NA	ENSG00000270521	0	NA	NA	NA	NA	
NA	ENSG00000270522	0	NA	NA	NA	NA	
NA	ENSG00000270524	0	NA	NA	NA	NA	QTRT1P1
NA	ENSG00000270526	0	NA	NA	NA	NA	SNRPGP19
NA	ENSG00000270528	0.65409771	-0.01743032	0.38276999	0.69280094	NA	FAM133EP
NA	ENSG00000270531	0	NA	NA	NA	NA	

NA	ENSG00000270532	0.173124	-0.01911262	0.38486262	0.84537521	NA	PEBP1P2
NA	ENSG00000270533	44.8392867	0.00232745	0.25932208	0.99169214	0.99727164	
NA	ENSG00000270538	0	NA	NA	NA	NA	
NA	ENSG00000270540	0	NA	NA	NA	NA	
NA	ENSG00000270541	0	NA	NA	NA	NA	
NA	ENSG00000270542	0	NA	NA	NA	NA	
401492	ENSG00000270547	9.31277796	-2.94161817	1.071378	0.00040131	0.00265399	LINC01235
NA	ENSG00000270549	0	NA	NA	NA	NA	
NA	ENSG00000270550	0	NA	NA	NA	NA	IGHV3-30
NA	ENSG00000270552	0	NA	NA	NA	NA	DUXAP3
NA	ENSG00000270553	0	NA	NA	NA	NA	
NA	ENSG00000270554	0	NA	NA	NA	NA	
NA	ENSG00000270555	0	NA	NA	NA	NA	
NA	ENSG00000270557	1.91639372	0.07829635	0.39098307	0.25138557	NA	
NA	ENSG00000270558	4.78497777	-9.15E-05	0.36057935	0.99745937	0.99926338	
NA	ENSG00000270560	0	NA	NA	NA	NA	APOOP1
NA	ENSG00000270562	4.58540656	-0.00412517	0.36356062	0.97062581	0.9889696	
NA	ENSG00000270569	0	NA	NA	NA	NA	
NA	ENSG00000270570	0	NA	NA	NA	NA	
NA	ENSG00000270571	2.45252398	-0.08240179	0.38469824	0.39205427	NA	
NA	ENSG00000270574	35.0766315	-0.12584653	0.29747993	0.52061688	0.7341489	
NA	ENSG00000270575	0	NA	NA	NA	NA	
NA	ENSG00000270576	0	NA	NA	NA	NA	
NA	ENSG00000270577	0	NA	NA	NA	NA	
NA	ENSG00000270578	0	NA	NA	NA	NA	
105369154	ENSG00000270580	365.613187	0.75632175	0.12905715	9.43E-10	1.63E-08	
NA	ENSG00000270583	0	NA	NA	NA	NA	
NA	ENSG00000270584	0	NA	NA	NA	NA	
NA	ENSG00000270585	2.5006584	0.04150728	0.37420653	0.6769418	NA	SNX2P1
NA	ENSG00000270587	5.0855012	-0.0048347	0.35916821	0.96831019	0.98809325	
NA	ENSG00000270588	0	NA	NA	NA	NA	
NA	ENSG00000270589	42.083647	0.04183033	0.26475761	0.82964575	0.92275881	
NA	ENSG00000270591	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000270593	0	NA	NA	NA	NA	
NA	ENSG00000270598	0	NA	NA	NA	NA	
343068	ENSG00000270601	0	NA	NA	NA	NA	PRAMEF5
414778	ENSG00000270604	9.90277472	-0.03776358	0.35103154	0.79448773	0.90579008	HCG17
NA	ENSG00000270605	67.8600454	0.18078791	0.24093103	0.3441878	0.57451506	

	NA	ENSG00000270606	0.72544631	0.02664169	0.38353077	0.55892847	NA	PPIAP52
	NA	ENSG00000270607	163.732679	0.16697547	0.18170704	0.29759409	0.52431106	NAV2-AS6
	NA	ENSG00000270610	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000270611	0	NA	NA	NA	NA	
	NA	ENSG00000270612	0	NA	NA	NA	NA	
	NA	ENSG00000270614	1.12850179	-0.01915463	0.38138666	0.73404883	NA	
	NA	ENSG00000270615	0.16735865	0.01897177	0.38482933	0.78225479	NA	SGO1P1
100534592	NA	ENSG00000270617	2.25970361	-0.03310142	0.38075721	0.62740428	NA	URGCP-MRPS24
	NA	ENSG00000270618	0	NA	NA	NA	NA	
	NA	ENSG00000270619	0	NA	NA	NA	NA	
	NA	ENSG00000270620	0	NA	NA	NA	NA	
	NA	ENSG00000270623	0	NA	NA	NA	NA	SPCS2P2
	NA	ENSG00000270624	0.34688835	0.00033016	0.38336227	0.9653329	NA	
	NA	ENSG00000270625	0	NA	NA	NA	NA	NUDT19P6
	NA	ENSG00000270627	0.18922458	0.01954053	0.38488496	0.78225479	NA	
25832	NA	ENSG00000270629	41.3896799	0.155022	0.31408278	0.43478097	0.66019092	NBPF14
	NA	ENSG00000270631	0	NA	NA	NA	NA	
	NA	ENSG00000270632	0	NA	NA	NA	NA	
	NA	ENSG00000270634	0	NA	NA	NA	NA	
	NA	ENSG00000270638	10.1063263	0.03457995	0.3420288	0.83016045	0.92296908	
	NA	ENSG00000270639	0.34110552	0.02362649	0.38535339	0.62410815	NA	ECM1P1
	NA	ENSG00000270640	0	NA	NA	NA	NA	
9383	NA	ENSG00000270641	56.2354472	0.10937673	0.25736859	0.57392341	0.77331018	TSIX
8148	NA	ENSG00000270647	4132.80094	-0.22452775	0.05741849	7.38E-05	0.00058189	TAF15
	NA	ENSG00000270648	0	NA	NA	NA	NA	CYP2C61P
	NA	ENSG00000270652	0	NA	NA	NA	NA	DPRXP5
	NA	ENSG00000270654	0	NA	NA	NA	NA	NUTF2P8
	NA	ENSG00000270655	0	NA	NA	NA	NA	
	NA	ENSG00000270659	2.39654999	0.04227894	0.37918005	0.60733889	NA	
	NA	ENSG00000270661	0	NA	NA	NA	NA	
	NA	ENSG00000270664	0	NA	NA	NA	NA	
	NA	ENSG00000270665	0	NA	NA	NA	NA	HNRNPA1P67
	NA	ENSG00000270666	0	NA	NA	NA	NA	
	NA	ENSG00000270669	0	NA	NA	NA	NA	
	NA	ENSG00000270670	0	NA	NA	NA	NA	MARK2P16
100463482	NA	ENSG00000270672	0	NA	NA	NA	NA	MTRNR2L6
101410533	NA	ENSG00000270673	5.85168794	0.04178074	0.35738309	0.76474038	0.8916054	YTHDF3-DT
	NA	ENSG00000270677	0	NA	NA	NA	NA	

NA	ENSG00000270678	0	NA	NA	NA	NA	
NA	ENSG00000270679	0.656759	0.00421731	0.38135437	0.93411229	NA	
NA	ENSG00000270680	0	NA	NA	NA	NA	
NA	ENSG00000270681	5.5091805	-0.0481063	0.36198302	0.71350668	0.86190773	
NA	ENSG00000270682	0	NA	NA	NA	NA	
NA	ENSG00000270683	0	NA	NA	NA	NA	FAM71BP1
NA	ENSG00000270685	0	NA	NA	NA	NA	IGHV1OR15-6
NA	ENSG00000270688	0	NA	NA	NA	NA	
NA	ENSG00000270689	0	NA	NA	NA	NA	BUD13P1
NA	ENSG00000270690	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000270691	0	NA	NA	NA	NA	
NA	ENSG00000270694	0	NA	NA	NA	NA	
NA	ENSG00000270695	0	NA	NA	NA	NA	
NA	ENSG00000270696	0	NA	NA	NA	NA	
NA	ENSG00000270697	0.31696589	0.00135345	0.38336845	0.96488519	NA	
NA	ENSG00000270698	0	NA	NA	NA	NA	
NA	ENSG00000270699	0	NA	NA	NA	NA	
NA	ENSG00000270701	0	NA	NA	NA	NA	
NA	ENSG00000270702	0	NA	NA	NA	NA	
NA	ENSG00000270705	0	NA	NA	NA	NA	
NA	ENSG00000270706	4.14666493	0.01651363	0.36990841	0.87596544	0.94529871	PRMT1P1
NA	ENSG00000270708	0	NA	NA	NA	NA	
NA	ENSG00000270709	0	NA	NA	NA	NA	UFM1P1
NA	ENSG00000270710	0	NA	NA	NA	NA	
NA	ENSG00000270711	2.31390062	-0.05730653	0.38100596	0.50314625	NA	
NA	ENSG00000270712	0	NA	NA	NA	NA	
NA	ENSG00000270713	0	NA	NA	NA	NA	
NA	ENSG00000270714	0	NA	NA	NA	NA	MICOS10P2
NA	ENSG00000270716	0.16735865	0.01897177	0.38482933	0.78225479	NA	BNIP3P15
NA	ENSG00000270718	0	NA	NA	NA	NA	
NA	ENSG00000270719	0	NA	NA	NA	NA	
NA	ENSG00000270720	2.25728826	0.07090574	0.3847625	0.40226528	NA	
NA	ENSG00000270722	0	NA	NA	NA	NA	RNVU1-31
NA	ENSG00000270723	0	NA	NA	NA	NA	RPL23AP92
NA	ENSG00000270725	0	NA	NA	NA	NA	
NA	ENSG00000270726	2.60504816	-0.10084684	0.38997774	0.31434996	0.5421676	
NA	ENSG00000270727	0	NA	NA	NA	NA	
NA	ENSG00000270728	7.97128532	-0.2024215	0.41002742	0.21615203	0.42696697	

NA	ENSG00000270729	0	NA	NA	NA	NA	CAPZA1P5
NA	ENSG00000270733	0.52554028	0.01113646	0.38327788	0.76626822	NA	
NA	ENSG00000270734	0	NA	NA	NA	NA	
NA	ENSG00000270739	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000270741	0	NA	NA	NA	NA	PRELID3BP8
NA	ENSG00000270745	0	NA	NA	NA	NA	
NA	ENSG00000270747	0	NA	NA	NA	NA	S100A11P9
NA	ENSG00000270748	0	NA	NA	NA	NA	IGKV2OR2-1
NA	ENSG00000270749	0.30001588	-0.02294459	0.38527538	0.68644874	NA	
102191832	ENSG00000270751	0	NA	NA	NA	NA	FBXW7-AS1
NA	ENSG00000270753	0	NA	NA	NA	NA	
NA	ENSG00000270754	0	NA	NA	NA	NA	NEK4P3
NA	ENSG00000270755	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100529241	ENSG00000270757	23.4244679	0.14236857	0.3730198	0.38306337	0.61240159	HSPE1-MOB4
NA	ENSG00000270759	0	NA	NA	NA	NA	OOEPP1
NA	ENSG00000270760	0	NA	NA	NA	NA	
NA	ENSG00000270761	0.989769	0.03135181	0.38210412	0.60247231	NA	CD2AP-DT
NA	ENSG00000270762	0	NA	NA	NA	NA	FXVD6P1
NA	ENSG00000270763	0	NA	NA	NA	NA	DDX43P2
NA	ENSG00000270764	0	NA	NA	NA	NA	
246176	ENSG00000270765	10.4929274	-0.01516486	0.33688486	0.92408012	0.96852	GAS2L2
NA	ENSG00000270766	0	NA	NA	NA	NA	
NA	ENSG00000270767	0	NA	NA	NA	NA	
NA	ENSG00000270772	0	NA	NA	NA	NA	PDHA1P1
NA	ENSG00000270773	2.04073506	0.08892493	0.39026006	0.29816362	NA	
NA	ENSG00000270775	0.70479482	0.05126518	0.38860002	0.29581605	NA	
NA	ENSG00000270776	0	NA	NA	NA	NA	
NA	ENSG00000270777	0	NA	NA	NA	NA	
NA	ENSG00000270778	0	NA	NA	NA	NA	BUB1P1
NA	ENSG00000270779	0	NA	NA	NA	NA	
NA	ENSG00000270780	0	NA	NA	NA	NA	
NA	ENSG00000270781	0.34045066	-0.00010379	0.38336217	0.96623653	NA	
NA	ENSG00000270782	0	NA	NA	NA	NA	
NA	ENSG00000270788	0	NA	NA	NA	NA	PDLIM1P1
NA	ENSG00000270789	0	NA	NA	NA	NA	
NA	ENSG00000270790	0	NA	NA	NA	NA	
NA	ENSG00000270791	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DPRXP6
NA	ENSG00000270792	0.34746601	0.02370763	0.3853651	0.61987128	NA	

NA	ENSG00000270793	0	NA	NA	NA	NA	LLPHP1
NA	ENSG00000270794	0	NA	NA	NA	NA	
NA	ENSG00000270797	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000270798	0	NA	NA	NA	NA	
NA	ENSG00000270799	0.65856056	0.00107792	0.38190025	0.98047806	NA	
100529239	ENSG00000270800	254.291471	0.01497672	0.19569396	0.93074121	0.97111825	RPS10-NUDT3
NA	ENSG00000270802	0.46406178	-0.00759463	0.38326334	0.86785181	NA	
NA	ENSG00000270804	59.1708149	0.33654217	0.30981737	0.12370447	0.29141494	
146853	ENSG00000270806	3.90198726	0.07399485	0.38081911	0.46380964	0.68661269	C17orf50
NA	ENSG00000270807	0	NA	NA	NA	NA	
NA	ENSG00000270808	3.66950962	-0.05007049	0.37138636	0.65041729	0.82534564	
NA	ENSG00000270809	0	NA	NA	NA	NA	CHCHD2P11
NA	ENSG00000270811	0	NA	NA	NA	NA	
NA	ENSG00000270812	0	NA	NA	NA	NA	
NA	ENSG00000270813	3.4629224	-0.0112833	0.36730772	0.91687987	0.96477469	NANOGNBP3
NA	ENSG00000270814	0	NA	NA	NA	NA	DMAC1P1
NA	ENSG00000270815	0	NA	NA	NA	NA	
338005	ENSG00000270816	673.724269	-0.17757646	0.09410533	0.05104084	0.15143566	LINC00221
NA	ENSG00000270818	0	NA	NA	NA	NA	
NA	ENSG00000270820	33.0014154	-0.05970946	0.31513516	0.74116765	0.87779167	USP34-DT
NA	ENSG00000270822	0	NA	NA	NA	NA	
NA	ENSG00000270823	3.20183668	-0.02594591	0.36975693	0.80607763	0.9121533	
NA	ENSG00000270826	0	NA	NA	NA	NA	USP37P1
NA	ENSG00000270828	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000270829	0	NA	NA	NA	NA	
NA	ENSG00000270830	0	NA	NA	NA	NA	
NA	ENSG00000270831	0	NA	NA	NA	NA	NF1P1
NA	ENSG00000270832	0	NA	NA	NA	NA	
NA	ENSG00000270835	0	NA	NA	NA	NA	
NA	ENSG00000270837	0.173124	-0.01911262	0.38486262	0.84537521	NA	HNRNPDLP4
NA	ENSG00000270838	0	NA	NA	NA	NA	
NA	ENSG00000270839	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000270842	0	NA	NA	NA	NA	
NA	ENSG00000270846	0	NA	NA	NA	NA	MYG1P1
NA	ENSG00000270849	0	NA	NA	NA	NA	CHCHD2P3
NA	ENSG00000270850	0	NA	NA	NA	NA	
NA	ENSG00000270852	0	NA	NA	NA	NA	
NA	ENSG00000270855	0	NA	NA	NA	NA	ATP7BP1

NA	ENSG00000270856	0	NA	NA	NA	NA	
NA	ENSG00000270857	0	NA	NA	NA	NA	
NA	ENSG00000270858	0	NA	NA	NA	NA	VDAC1P5
NA	ENSG00000270859	0	NA	NA	NA	NA	
NA	ENSG00000270861	0	NA	NA	NA	NA	
NA	ENSG00000270863	0.14931947	-0.01844332	0.38480212	0.84537521	NA	DDX55P1
NA	ENSG00000270864	0	NA	NA	NA	NA	IGHV3OR16-6
NA	ENSG00000270865	0	NA	NA	NA	NA	RPL12P48
NA	ENSG00000270866	0.51548833	0.0311304	0.38605428	0.4776836	NA	
NA	ENSG00000270868	0	NA	NA	NA	NA	
NA	ENSG00000270870	0	NA	NA	NA	NA	
NA	ENSG00000270871	14.9440578	0.03173974	0.32173438	0.86025082	0.93781946	
NA	ENSG00000270872	106.656624	-0.38234788	0.22666336	0.04257077	0.13174296	SRGAP2D
NA	ENSG00000270874	0	NA	NA	NA	NA	RPAP2P1
NA	ENSG00000270876	0.83847507	0.02091255	0.3815675	0.71107346	NA	ZNF30-AS1
NA	ENSG00000270878	12.12254	-0.01358013	0.33300758	0.93277704	0.97195551	GCATP1
NA	ENSG00000270880	0	NA	NA	NA	NA	
8370	ENSG00000270882	143.95522	-0.77394268	0.22732476	0.00011853	0.00088507	H4C14
NA	ENSG00000270883	0	NA	NA	NA	NA	
91608	ENSG00000270885	1088.51414	-0.63984736	0.08356659	5.26E-15	1.43E-13	RASL10B
NA	ENSG00000270889	0	NA	NA	NA	NA	PPP1R14BP4
NA	ENSG00000270890	15.2738196	-0.08838759	0.33242131	0.61861491	0.80491342	
NA	ENSG00000270891	0	NA	NA	NA	NA	
NA	ENSG00000270892	0	NA	NA	NA	NA	
NA	ENSG00000270893	0	NA	NA	NA	NA	
NA	ENSG00000270894	0.97510595	-0.0380402	0.38435938	0.44751188	NA	
NA	ENSG00000270896	0	NA	NA	NA	NA	
NA	ENSG00000270897	0	NA	NA	NA	NA	
NA	ENSG00000270900	0.15069912	-0.01848503	0.38480575	0.84537521	NA	NUDT19P4
NA	ENSG00000270902	0	NA	NA	NA	NA	
NA	ENSG00000270903	6.08122921	-0.03059757	0.36307002	0.8035232	0.91070264	HNRNPA3P9
NA	ENSG00000270904	0	NA	NA	NA	NA	ATP6V1G1P5
NA	ENSG00000270906	0	NA	NA	NA	NA	MTND4P35
NA	ENSG00000270909	0	NA	NA	NA	NA	
NA	ENSG00000270911	2.88257407	-0.01991824	0.37046331	0.84468126	0.92965052	
NA	ENSG00000270912	0	NA	NA	NA	NA	RPS28P1
NA	ENSG00000270914	0	NA	NA	NA	NA	
NA	ENSG00000270915	0	NA	NA	NA	NA	H3P8

NA	ENSG00000270916	0	NA	NA	NA	NA	RPL12P50
NA	ENSG00000270917	2.0525859	0.00060664	0.37678138	0.99534371	NA	
NA	ENSG00000270919	1.83507796	0.06406152	0.38555722	0.39025566	NA	
NA	ENSG00000270920	0	NA	NA	NA	NA	MCRIP2P2
NA	ENSG00000270921	0.173124	-0.01911262	0.38486262	0.84537521	NA	CICP23
NA	ENSG00000270923	8.99440246	-0.12777727	0.37364368	0.40276909	0.6308968	TAS2R6P
NA	ENSG00000270924	0	NA	NA	NA	NA	
NA	ENSG00000270926	0	NA	NA	NA	NA	
NA	ENSG00000270927	0	NA	NA	NA	NA	
NA	ENSG00000270929	0	NA	NA	NA	NA	SRD5A3P1
NA	ENSG00000270930	0	NA	NA	NA	NA	GRAMD4P8
NA	ENSG00000270933	0.31816369	0.0011122	0.38336647	0.9664208	NA	
NA	ENSG00000270934	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000270935	0	NA	NA	NA	NA	
NA	ENSG00000270936	0	NA	NA	NA	NA	BPNT2P1
NA	ENSG00000270937	0	NA	NA	NA	NA	
NA	ENSG00000270938	5.17613939	0.19949835	0.42925433	0.14860135	0.33104097	RAP2CP1
NA	ENSG00000270941	0.47410898	-0.00759338	0.38323489	0.86188907	NA	
NA	ENSG00000270945	0	NA	NA	NA	NA	HSPE1P7
102723680	ENSG00000270946	0	NA	NA	NA	NA	CT45A9
NA	ENSG00000270947	0	NA	NA	NA	NA	
NA	ENSG00000270948	5.68795444	-0.02407364	0.35692235	0.85698572	0.93609679	MTDHP1
NA	ENSG00000270951	1.56967082	-0.00229465	0.37821055	0.97278085	NA	
NA	ENSG00000270953	6.98492565	0.01288723	0.35805068	0.92438985	0.96852	
NA	ENSG00000270954	0	NA	NA	NA	NA	RPSAP75
NA	ENSG00000270955	0	NA	NA	NA	NA	
NA	ENSG00000270956	12.3520658	-0.08439389	0.34395782	0.61426728	0.80178045	
NA	ENSG00000270957	0	NA	NA	NA	NA	
339929	ENSG00000270959	0	NA	NA	NA	NA	LPP-AS2
NA	ENSG00000270960	0	NA	NA	NA	NA	
NA	ENSG00000270961	0	NA	NA	NA	NA	IGHD5OR15-5A
NA	ENSG00000270962	0.72606999	0.00281966	0.38234305	0.94758139	NA	
NA	ENSG00000270964	25.9503253	0.07574989	0.30648019	0.69090081	0.85028671	MAP2K5-DT
NA	ENSG00000270965	0	NA	NA	NA	NA	NTAN1P1
NA	ENSG00000270966	0	NA	NA	NA	NA	
NA	ENSG00000270969	0	NA	NA	NA	NA	
NA	ENSG00000270971	0	NA	NA	NA	NA	REXO1L8P
NA	ENSG00000270972	0	NA	NA	NA	NA	

NA	ENSG00000270973	0	NA	NA	NA	NA	SMARCE1P7
NA	ENSG00000270975	0	NA	NA	NA	NA	MAGOH3P
NA	ENSG00000270976	0	NA	NA	NA	NA	
NA	ENSG00000270977	21.8737189	0.37747312	0.47538499	0.09376982	0.23753778	
NA	ENSG00000270978	0	NA	NA	NA	NA	
NA	ENSG00000270980	0	NA	NA	NA	NA	
NA	ENSG00000270981	0	NA	NA	NA	NA	
NA	ENSG00000270982	0	NA	NA	NA	NA	
NA	ENSG00000270983	0	NA	NA	NA	NA	
NA	ENSG00000270986	0.14931947	-0.01844332	0.38480212	0.84537521	NA	HMGB1P51
NA	ENSG00000270987	0.49822796	0.0116994	0.38339875	0.7779246	NA	
NA	ENSG00000270988	0.95776914	0.00564752	0.38010126	0.92567521	NA	
NA	ENSG00000270989	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000270990	0	NA	NA	NA	NA	
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NA	ENSG00000270995	0	NA	NA	NA	NA	
NA	ENSG00000270996	4.3770267	0.02642081	0.3656755	0.82441018	0.92028909	
NA	ENSG00000270997	0	NA	NA	NA	NA	
NA	ENSG00000270999	0	NA	NA	NA	NA	IGKV1OR2-118
NA	ENSG00000271002	0	NA	NA	NA	NA	
NA	ENSG00000271003	0	NA	NA	NA	NA	
NA	ENSG00000271005	0	NA	NA	NA	NA	CTHRC1P1
NA	ENSG00000271009	21.592087	-0.00034803	0.31015693	0.99656102	0.99873692	
NA	ENSG00000271010	0	NA	NA	NA	NA	
NA	ENSG00000271011	7.21999174	0.02176286	0.35449635	0.87778855	0.94578953	
NA	ENSG00000271013	17.371592	0.17476813	0.35377951	0.35943626	0.58949503	LRR37A9P
NA	ENSG00000271014	0	NA	NA	NA	NA	
NA	ENSG00000271015	0	NA	NA	NA	NA	IGKV2OR2-7D
NA	ENSG00000271018	0	NA	NA	NA	NA	
NA	ENSG00000271021	0	NA	NA	NA	NA	
NA	ENSG00000271022	0	NA	NA	NA	NA	
NA	ENSG00000271024	0	NA	NA	NA	NA	HSPE1P19
NA	ENSG00000271025	0	NA	NA	NA	NA	
NA	ENSG00000271026	0	NA	NA	NA	NA	KATNBL1P1
NA	ENSG00000271027	0	NA	NA	NA	NA	
NA	ENSG00000271028	0	NA	NA	NA	NA	

NA	ENSG00000271029	0	NA	NA	NA	NA	
NA	ENSG00000271032	3.7196256	-0.07195735	0.37394287	0.53886135	0.74840807	
NA	ENSG00000271034	0	NA	NA	NA	NA	
NA	ENSG00000271035	0	NA	NA	NA	NA	
NA	ENSG00000271036	0	NA	NA	NA	NA	CLPTM1LP1
NA	ENSG00000271040	1.61070043	-0.09235767	0.39590539	0.16272007	NA	TMEM242-DT
NA	ENSG00000271042	0	NA	NA	NA	NA	
NA	ENSG00000271043	0	NA	NA	NA	NA	MTRNR2L2
NA	ENSG00000271044	0	NA	NA	NA	NA	
NA	ENSG00000271045	0	NA	NA	NA	NA	NDUFB9P1
NA	ENSG00000271046	0	NA	NA	NA	NA	
NA	ENSG00000271047	0	NA	NA	NA	NA	
NA	ENSG00000271048	0	NA	NA	NA	NA	
NA	ENSG00000271049	1.66756923	0.00730006	0.37509097	0.93231206	NA	
NA	ENSG00000271052	0	NA	NA	NA	NA	
NA	ENSG00000271053	0	NA	NA	NA	NA	
NA	ENSG00000271056	0	NA	NA	NA	NA	MRPS22P1
NA	ENSG00000271057	0	NA	NA	NA	NA	
NA	ENSG00000271063	0	NA	NA	NA	NA	SNRPGP17
NA	ENSG00000271064	0	NA	NA	NA	NA	
NA	ENSG00000271065	0	NA	NA	NA	NA	SLC4A8-AS1
NA	ENSG00000271070	0	NA	NA	NA	NA	GMCL1P2
NA	ENSG00000271071	0.31800595	0.00093119	0.38336528	0.96815356	NA	
NA	ENSG00000271072	0.44998284	-0.02731184	0.38571406	0.56170874	NA	PHBP20
NA	ENSG00000271074	0	NA	NA	NA	NA	
NA	ENSG00000271075	9.05361891	0.23207459	0.42347018	0.18309934	0.3812648	
NA	ENSG00000271077	0	NA	NA	NA	NA	PER3P1
NA	ENSG00000271078	2.26373727	-0.05226422	0.37979534	0.54327379	NA	
441294	ENSG00000271079	0.18922458	0.01954053	0.38488496	0.78225479	NA	CTAGE15
NA	ENSG00000271081	0	NA	NA	NA	NA	HIKESHIP3
100996569	ENSG00000271086	7.06582447	0.65996413	1.24517276	0.01830911	0.06768265	NAMA
NA	ENSG00000271088	0	NA	NA	NA	NA	
100527978	ENSG00000271092	35.8266608	-0.27351971	0.3501657	0.20218214	0.40773466	TLCD4-RWDD3
NA	ENSG00000271093	0	NA	NA	NA	NA	IGLCOR22-2
NA	ENSG00000271094	0	NA	NA	NA	NA	
NA	ENSG00000271095	0	NA	NA	NA	NA	BNIP3P28
NA	ENSG00000271096	0	NA	NA	NA	NA	SUMO2P14
NA	ENSG00000271097	0.34624801	-0.02356563	0.38536324	0.65270996	NA	DBF4P3

NA	ENSG00000271098	0	NA	NA	NA	NA	IMMP1LP3
NA	ENSG00000271099	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000271100	0	NA	NA	NA	NA	
NA	ENSG00000271101	0	NA	NA	NA	NA	
NA	ENSG00000271105	2.0192806	0.03867219	0.37667064	0.66590595	NA	SCML2P2
NA	ENSG00000271108	0	NA	NA	NA	NA	KATNBL1P5
NA	ENSG00000271109	41.2865979	0.13118737	0.28067401	0.50869168	0.72435534	
NA	ENSG00000271111	0	NA	NA	NA	NA	
NA	ENSG00000271113	0	NA	NA	NA	NA	
NA	ENSG00000271114	0	NA	NA	NA	NA	
NA	ENSG00000271115	0	NA	NA	NA	NA	EIF2S2P7
NA	ENSG00000271117	0	NA	NA	NA	NA	
NA	ENSG00000271118	0	NA	NA	NA	NA	
NA	ENSG00000271119	16.6968073	-0.0304516	0.3252307	0.85984472	0.93754016	
NA	ENSG00000271121	58.2687485	0.02868097	0.24724451	0.88120026	0.94760765	NUDT4P2
101930085	ENSG00000271122	804.535362	-0.00040982	0.12982982	0.99622375	0.99863982	HERPUD2-AS1
NA	ENSG00000271123	0	NA	NA	NA	NA	ELOCP5
NA	ENSG00000271127	45.6847633	0.2072517	0.29581839	0.31296008	0.54091192	
NA	ENSG00000271128	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000271129	0	NA	NA	NA	NA	
NA	ENSG00000271130	0	NA	NA	NA	NA	IGHV3OR16-8
NA	ENSG00000271131	0.173733	0.01914545	0.38484597	0.78225479	NA	PPIAP75
NA	ENSG00000271133	16.773232	0.31624076	0.43974314	0.13595738	0.310903	ITGB8-AS1
NA	ENSG00000271134	0	NA	NA	NA	NA	IFITM3P9
NA	ENSG00000271136	0	NA	NA	NA	NA	
NA	ENSG00000271137	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271138	2.48827618	0.10148144	0.39220197	0.2831767	NA	IGLVIVOR22-1
NA	ENSG00000271140	0	NA	NA	NA	NA	PRR20FP
NA	ENSG00000271141	17.0205704	0.17149972	0.36617806	0.34762375	0.57830414	
NA	ENSG00000271142	0	NA	NA	NA	NA	YWHAQP7
NA	ENSG00000271143	0	NA	NA	NA	NA	
NA	ENSG00000271146	0	NA	NA	NA	NA	
NA	ENSG00000271147	142.304416	-0.53017434	0.21275341	0.00396333	0.01915061	ARMCX5-GPRASP2
NA	ENSG00000271148	0	NA	NA	NA	NA	
NA	ENSG00000271149	0	NA	NA	NA	NA	
NA	ENSG00000271150	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271151	3.22759487	0.06765772	0.37546858	0.54272078	0.75077257	
NA	ENSG00000271153	1.17151057	0.04905867	0.3887731	0.21859307	NA	RPL23AP88

NA	ENSG00000271154	0	NA	NA	NA	NA	
NA	ENSG00000271155	55.8190319	-0.02712723	0.2482316	0.8848338	0.94964311	
NA	ENSG00000271156	0	NA	NA	NA	NA	
NA	ENSG00000271157	0	NA	NA	NA	NA	
NA	ENSG00000271158	0	NA	NA	NA	NA	WDR4P1
NA	ENSG00000271159	0	NA	NA	NA	NA	HINT1P2
NA	ENSG00000271161	7.97116359	-0.05611328	0.35174777	0.70904646	0.86034382	BOLA2P2
NA	ENSG00000271162	0	NA	NA	NA	NA	
NA	ENSG00000271163	0	NA	NA	NA	NA	
NA	ENSG00000271164	0	NA	NA	NA	NA	CFAP97P1
NA	ENSG00000271166	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000271167	0	NA	NA	NA	NA	LINC01109
NA	ENSG00000271171	0.54473777	-0.01058432	0.38322007	0.79496066	NA	LINC00904
NA	ENSG00000271172	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271173	0	NA	NA	NA	NA	SPRING1P1
NA	ENSG00000271174	0	NA	NA	NA	NA	
NA	ENSG00000271175	0	NA	NA	NA	NA	
NA	ENSG00000271177	0	NA	NA	NA	NA	
NA	ENSG00000271178	0	NA	NA	NA	NA	IGHV3OR16-13
NA	ENSG00000271179	0	NA	NA	NA	NA	
NA	ENSG00000271180	0	NA	NA	NA	NA	COX5AP1
NA	ENSG00000271181	0	NA	NA	NA	NA	
NA	ENSG00000271182	0	NA	NA	NA	NA	
NA	ENSG00000271184	0	NA	NA	NA	NA	
NA	ENSG00000271185	0.48241159	0.01068812	0.3833719	0.79549464	NA	
NA	ENSG00000271187	0	NA	NA	NA	NA	
NA	ENSG00000271190	0	NA	NA	NA	NA	RPP40P2
NA	ENSG00000271192	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000271194	0	NA	NA	NA	NA	RNF138P2
NA	ENSG00000271195	0	NA	NA	NA	NA	
NA	ENSG00000271196	0	NA	NA	NA	NA	
NA	ENSG00000271198	0	NA	NA	NA	NA	VDAC3P1
NA	ENSG00000271199	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000271200	0.18922458	0.01954053	0.38488496	0.78225479	NA	PATJ-DT
NA	ENSG00000271201	0	NA	NA	NA	NA	
NA	ENSG00000271202	0	NA	NA	NA	NA	PRR13P7
NA	ENSG00000271204	0.32580332	0.00221882	0.3833783	0.95906787	NA	
NA	ENSG00000271205	0	NA	NA	NA	NA	

NA	ENSG00000271207	0	NA	NA	NA	NA	MTCO1P22
NA	ENSG00000271208	0	NA	NA	NA	NA	
NA	ENSG00000271209	0	NA	NA	NA	NA	BRDTP1
NA	ENSG00000271214	0	NA	NA	NA	NA	
NA	ENSG00000271215	0	NA	NA	NA	NA	RPL21P136
NA	ENSG00000271216	0	NA	NA	NA	NA	LINC01050
NA	ENSG00000271218	0	NA	NA	NA	NA	
NA	ENSG00000271219	0	NA	NA	NA	NA	
NA	ENSG00000271220	0	NA	NA	NA	NA	
NA	ENSG00000271222	0	NA	NA	NA	NA	
NA	ENSG00000271225	0.16735865	0.01897177	0.38482933	0.78225479	NA	BNIP3P4
NA	ENSG00000271227	0	NA	NA	NA	NA	SREK1IP1P2
NA	ENSG00000271228	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000271230	0	NA	NA	NA	NA	
NA	ENSG00000271231	0	NA	NA	NA	NA	KRT18P9
NA	ENSG00000271232	0	NA	NA	NA	NA	CARS1P1
NA	ENSG00000271234	0.3630641	0.02389553	0.38539252	0.60991236	NA	
NA	ENSG00000271235	0	NA	NA	NA	NA	
NA	ENSG00000271236	0.32265123	-0.02325551	0.38531889	0.66951432	NA	SUMO2P15
NA	ENSG00000271237	0	NA	NA	NA	NA	HMGB1P50
NA	ENSG00000271238	0	NA	NA	NA	NA	
NA	ENSG00000271239	0	NA	NA	NA	NA	
NA	ENSG00000271240	0	NA	NA	NA	NA	
NA	ENSG00000271242	0	NA	NA	NA	NA	PRELID3BP2
NA	ENSG00000271243	0	NA	NA	NA	NA	
NA	ENSG00000271245	0	NA	NA	NA	NA	
NA	ENSG00000271248	0	NA	NA	NA	NA	
NA	ENSG00000271249	0	NA	NA	NA	NA	DIMT1P1
NA	ENSG00000271250	0	NA	NA	NA	NA	
NA	ENSG00000271251	0	NA	NA	NA	NA	
NA	ENSG00000271252	0	NA	NA	NA	NA	
NA	ENSG00000271253	0	NA	NA	NA	NA	
NA	ENSG00000271257	0	NA	NA	NA	NA	
NA	ENSG00000271259	6.92567295	0.0595365	0.35629005	0.68395994	0.84597592	
NA	ENSG00000271264	0	NA	NA	NA	NA	MZT1P1
NA	ENSG00000271265	2.97796283	-0.15220297	0.41545208	0.13642193	0.31149858	
NA	ENSG00000271266	0	NA	NA	NA	NA	LAPTM4BP2
NA	ENSG00000271267	0.8131428	-0.00616388	0.38151558	0.9049547	NA	

NA	ENSG00000271268	0	NA	NA	NA	NA	
NA	ENSG00000271269	0	NA	NA	NA	NA	
100507032	ENSG00000271270	141.019433	-0.25531292	0.21842119	0.15948863	0.34700764	TMCC1-DT
574537	ENSG00000271271	0	NA	NA	NA	NA	UGT2A2
NA	ENSG00000271272	0	NA	NA	NA	NA	
NA	ENSG00000271275	1.09898787	-0.02777851	0.38129365	0.65506186	NA	
NA	ENSG00000271277	0	NA	NA	NA	NA	
NA	ENSG00000271278	0	NA	NA	NA	NA	ELOCP33
NA	ENSG00000271283	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271284	0	NA	NA	NA	NA	SMIM12P1
NA	ENSG00000271286	0	NA	NA	NA	NA	CYTH1P1
NA	ENSG00000271287	0	NA	NA	NA	NA	BCRP9
NA	ENSG00000271288	0	NA	NA	NA	NA	IGHV1OR15-3
NA	ENSG00000271290	0	NA	NA	NA	NA	COPS8P1
NA	ENSG00000271291	0	NA	NA	NA	NA	
NA	ENSG00000271296	0	NA	NA	NA	NA	H3P19
NA	ENSG00000271298	0	NA	NA	NA	NA	
NA	ENSG00000271299	0	NA	NA	NA	NA	
NA	ENSG00000271302	0	NA	NA	NA	NA	
140809	ENSG00000271303	1009.85472	-0.09603707	0.09067913	0.2733397	0.49679916	SRXN1
NA	ENSG00000271304	0	NA	NA	NA	NA	DPRXP2
NA	ENSG00000271306	0	NA	NA	NA	NA	RAC1P9
NA	ENSG00000271307	0	NA	NA	NA	NA	
NA	ENSG00000271309	0	NA	NA	NA	NA	
NA	ENSG00000271313	0	NA	NA	NA	NA	
NA	ENSG00000271314	1.9623352	-0.01522496	0.37594398	0.85263445	NA	
NA	ENSG00000271315	0	NA	NA	NA	NA	
NA	ENSG00000271317	0	NA	NA	NA	NA	IGHD4OR15-4A
NA	ENSG00000271318	0	NA	NA	NA	NA	MOB4P2
NA	ENSG00000271320	0.31860545	0.00150979	0.38336984	0.96261315	NA	
340307	ENSG00000271321	0	NA	NA	NA	NA	CTAGE6
NA	ENSG00000271322	0	NA	NA	NA	NA	
NA	ENSG00000271327	61.6844464	-0.11722881	0.24848908	0.53963172	0.74869184	
NA	ENSG00000271328	0	NA	NA	NA	NA	B3GNTL1P2
NA	ENSG00000271329	0	NA	NA	NA	NA	
NA	ENSG00000271330	0	NA	NA	NA	NA	
NA	ENSG00000271332	0.173733	0.01914545	0.38484597	0.78225479	NA	ATP5MGP8
NA	ENSG00000271333	0	NA	NA	NA	NA	

101926940	ENSG00000271334	0	NA	NA	NA	NA	LINC02104	
	NA	ENSG00000271335	18.1733469	-0.18973462	0.37284218	0.30205698	0.52954055	CCNY-AS1
	NA	ENSG00000271336	0	NA	NA	NA	NA	IGHD1OR15-1A
	NA	ENSG00000271337	0	NA	NA	NA	NA	NDE1P2
	NA	ENSG00000271338	0	NA	NA	NA	NA	
	NA	ENSG00000271339	0	NA	NA	NA	NA	
	NA	ENSG00000271340	0	NA	NA	NA	NA	
	NA	ENSG00000271343	0	NA	NA	NA	NA	
	NA	ENSG00000271344	1.04648558	0.00500998	0.379945	0.93458209	NA	
	NA	ENSG00000271346	0	NA	NA	NA	NA	
	NA	ENSG00000271349	0	NA	NA	NA	NA	
	NA	ENSG00000271350	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000271351	0	NA	NA	NA	NA	IGKV1OR2-9
	NA	ENSG00000271353	0	NA	NA	NA	NA	
	NA	ENSG00000271355	0	NA	NA	NA	NA	
	NA	ENSG00000271356	0	NA	NA	NA	NA	USP21P2
	NA	ENSG00000271357	0	NA	NA	NA	NA	
	NA	ENSG00000271358	0	NA	NA	NA	NA	
107984208	ENSG00000271360	5.75593955	0.0106574	0.35835891	0.93723239	0.97354401	USP6NL-AS1	
	NA	ENSG00000271361	2.39000022	0.06100402	0.38098472	0.49520822	NA	HTATSFP2
	NA	ENSG00000271362	0	NA	NA	NA	NA	
	NA	ENSG00000271364	0	NA	NA	NA	NA	
	NA	ENSG00000271365	0	NA	NA	NA	NA	
	NA	ENSG00000271366	0	NA	NA	NA	NA	
	NA	ENSG00000271367	0.95775506	-0.02061218	0.38102161	0.73058704	NA	
	NA	ENSG00000271368	0	NA	NA	NA	NA	
	NA	ENSG00000271369	0	NA	NA	NA	NA	
	NA	ENSG00000271370	0	NA	NA	NA	NA	
	NA	ENSG00000271373	0	NA	NA	NA	NA	NANOGP3
	NA	ENSG00000271375	0	NA	NA	NA	NA	
	NA	ENSG00000271377	0	NA	NA	NA	NA	IFITM3P8
	NA	ENSG00000271378	0.18922458	0.01954053	0.38488496	0.78225479	NA	RBISP2
	NA	ENSG00000271379	0	NA	NA	NA	NA	
	NA	ENSG00000271380	42.4278711	0.13799014	0.26929951	0.48468941	0.70479609	
	NA	ENSG00000271381	0	NA	NA	NA	NA	REXO1L9P
	NA	ENSG00000271382	0.84818246	0.02056927	0.38151751	0.71596621	NA	
101060226	ENSG00000271383	682.533039	0.12512308	0.10460521	0.21341173	0.42345121	NBPF19	
	NA	ENSG00000271384	0	NA	NA	NA	NA	

NA	ENSG00000271385	0	NA	NA	NA	NA	
NA	ENSG00000271386	0	NA	NA	NA	NA	SRGNP1
NA	ENSG00000271387	8.10664344	-0.12761434	0.37521681	0.39600433	0.62543591	C1orf21-DT
NA	ENSG00000271389	0	NA	NA	NA	NA	OSBPL9P1
NA	ENSG00000271390	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000271392	1.64176447	-0.06347806	0.3862091	0.36736644	NA	
NA	ENSG00000271394	0	NA	NA	NA	NA	
NA	ENSG00000271395	0	NA	NA	NA	NA	LINC02336
NA	ENSG00000271396	4.85744902	0.06608575	0.36938254	0.59690932	0.78900843	
NA	ENSG00000271397	0	NA	NA	NA	NA	
NA	ENSG00000271398	0.53469271	0.03206486	0.38614794	0.46398183	NA	
NA	ENSG00000271399	0	NA	NA	NA	NA	
NA	ENSG00000271400	0	NA	NA	NA	NA	CCDC121P1
NA	ENSG00000271401	1.89404884	0.06282881	0.38536668	0.39403687	NA	
NA	ENSG00000271402	0	NA	NA	NA	NA	IGKV2OR2-2
NA	ENSG00000271404	0	NA	NA	NA	NA	MZT1P2
NA	ENSG00000271408	0	NA	NA	NA	NA	NAPGP1
NA	ENSG00000271409	0	NA	NA	NA	NA	
NA	ENSG00000271410	0.78953329	-0.02814495	0.38350087	0.55668294	NA	
NA	ENSG00000271412	0	NA	NA	NA	NA	PRR13P3
NA	ENSG00000271413	0	NA	NA	NA	NA	
NA	ENSG00000271414	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000271415	0	NA	NA	NA	NA	RPL23AP90
NA	ENSG00000271418	0	NA	NA	NA	NA	
NA	ENSG00000271419	0	NA	NA	NA	NA	
NA	ENSG00000271420	0.50793439	0.00982864	0.38324069	0.78811329	NA	
NA	ENSG00000271421	0	NA	NA	NA	NA	
NA	ENSG00000271423	0	NA	NA	NA	NA	CYCSP1
NA	ENSG00000271424	0.18922458	0.01954053	0.38488496	0.78225479	NA	GLRX5P3
100132406	ENSG00000271425	157.34648	0.07948665	0.19699024	0.64010157	0.81965584	NBPF10
NA	ENSG00000271426	0	NA	NA	NA	NA	
NA	ENSG00000271427	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000271428	0.82579833	0.03616293	0.38459793	0.46909007	NA	MPHOSPH6P1
NA	ENSG00000271429	0	NA	NA	NA	NA	RPL17P51
NA	ENSG00000271433	0	NA	NA	NA	NA	PPATP2
NA	ENSG00000271434	0	NA	NA	NA	NA	
NA	ENSG00000271435	0	NA	NA	NA	NA	TEKT4P3
NA	ENSG00000271437	0	NA	NA	NA	NA	

NA	ENSG00000271439	0	NA	NA	NA	NA	
NA	ENSG00000271440	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000271443	0	NA	NA	NA	NA	
79148	ENSG00000271447	52.4900483	0.47059864	0.38385883	0.05687222	0.16435994	MMP28
728911	ENSG00000271449	0	NA	NA	NA	NA	CT45A2
NA	ENSG00000271452	4.59080108	0.02509097	0.36493834	0.83521501	0.92475394	
NA	ENSG00000271454	0.34043409	6.94E-05	0.38336209	0.96459554	NA	
NA	ENSG00000271455	0	NA	NA	NA	NA	
NA	ENSG00000271456	0	NA	NA	NA	NA	
NA	ENSG00000271457	0	NA	NA	NA	NA	
NA	ENSG00000271459	0	NA	NA	NA	NA	
NA	ENSG00000271461	0	NA	NA	NA	NA	CKAP2LP1
NA	ENSG00000271462	0	NA	NA	NA	NA	
NA	ENSG00000271464	0	NA	NA	NA	NA	DPRXP7
NA	ENSG00000271465	0	NA	NA	NA	NA	SQSTM1P1
NA	ENSG00000271466	0	NA	NA	NA	NA	CICP24
NA	ENSG00000271468	0	NA	NA	NA	NA	
NA	ENSG00000271474	418.260452	0.00238585	0.11620147	0.98414155	0.99453916	UNC5C-AS1
NA	ENSG00000271475	0	NA	NA	NA	NA	
NA	ENSG00000271477	0	NA	NA	NA	NA	
NA	ENSG00000271480	0	NA	NA	NA	NA	MTND3P19
NA	ENSG00000271482	0	NA	NA	NA	NA	
NA	ENSG00000271483	0	NA	NA	NA	NA	
NA	ENSG00000271484	0.173733	0.01914545	0.38484597	0.78225479	NA	ABI1P1
NA	ENSG00000271486	0	NA	NA	NA	NA	NIPA2P3
NA	ENSG00000271488	0	NA	NA	NA	NA	RBM11P1
NA	ENSG00000271490	0	NA	NA	NA	NA	
NA	ENSG00000271491	0	NA	NA	NA	NA	
NA	ENSG00000271492	0	NA	NA	NA	NA	MEMO1P5
NA	ENSG00000271494	0	NA	NA	NA	NA	
NA	ENSG00000271495	0	NA	NA	NA	NA	
NA	ENSG00000271496	0	NA	NA	NA	NA	SNRPGP20
NA	ENSG00000271498	0	NA	NA	NA	NA	
NA	ENSG00000271499	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000271500	0	NA	NA	NA	NA	
NA	ENSG00000271502	0	NA	NA	NA	NA	
6352	ENSG00000271503	0	NA	NA	NA	NA	CCL5
NA	ENSG00000271507	0	NA	NA	NA	NA	

NA	ENSG00000271508	0	NA	NA	NA	NA	
NA	ENSG00000271509	0	NA	NA	NA	NA	
NA	ENSG00000271511	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000271519	0	NA	NA	NA	NA	
NA	ENSG00000271522	0	NA	NA	NA	NA	
NA	ENSG00000271523	0	NA	NA	NA	NA	
NA	ENSG00000271524	19.0125249	-0.19910049	0.36443955	0.3013851	0.52872103	BNIP3P17
NA	ENSG00000271525	0	NA	NA	NA	NA	ARF4P1
NA	ENSG00000271526	0	NA	NA	NA	NA	
NA	ENSG00000271527	0	NA	NA	NA	NA	
NA	ENSG00000271530	0.34624801	-0.02356563	0.38536324	0.65270996	NA	WBP1LP12
NA	ENSG00000271532	0	NA	NA	NA	NA	BBIP1P1
NA	ENSG00000271533	218.0994	-0.09593381	0.15632051	0.50021595	0.71738359	
NA	ENSG00000271536	0	NA	NA	NA	NA	
NA	ENSG00000271537	1.26358761	0.04740069	0.38424151	0.44826515	NA	
NA	ENSG00000271538	0.44795842	-0.02501848	0.38558245	0.5807882	NA	LINC02427
NA	ENSG00000271543	0	NA	NA	NA	NA	
NA	ENSG00000271544	0	NA	NA	NA	NA	
NA	ENSG00000271546	0	NA	NA	NA	NA	
NA	ENSG00000271547	4.35817298	0.18579352	0.43159808	0.11707664	0.28015927	
NA	ENSG00000271550	11.3778467	-0.08293817	0.34316702	0.62129065	0.80672374	BNIP3P11
115308161	ENSG00000271551	14.2527769	-0.13515018	0.34892836	0.45128177	0.67456655	
NA	ENSG00000271553	14.5574161	-0.0973825	0.33465794	0.58527585	0.78126037	
NA	ENSG00000271554	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000271555	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000271557	1.65895367	-0.03547631	0.38050552	0.61743995	NA	YPEL5P2
NA	ENSG00000271558	0	NA	NA	NA	NA	
NA	ENSG00000271559	0	NA	NA	NA	NA	
NA	ENSG00000271560	0	NA	NA	NA	NA	
NA	ENSG00000271563	0	NA	NA	NA	NA	HIRAP1
103191607	ENSG00000271564	0	NA	NA	NA	NA	LINC02333
NA	ENSG00000271565	0	NA	NA	NA	NA	
730262	ENSG00000271567	0	NA	NA	NA	NA	PPIAL4E
NA	ENSG00000271568	0	NA	NA	NA	NA	
NA	ENSG00000271569	0	NA	NA	NA	NA	IGKV1OR2-6
NA	ENSG00000271573	0	NA	NA	NA	NA	
NA	ENSG00000271576	29.3669255	0.23875449	0.33487938	0.25644812	0.47758495	PRKACB-DT
NA	ENSG00000271578	0	NA	NA	NA	NA	

NA	ENSG00000271579	0	NA	NA	NA	NA	
NA	ENSG00000271580	6.73810601	-0.04583204	0.35682724	0.74251321	0.87870936	
NA	ENSG00000271581	0	NA	NA	NA	NA	
NA	ENSG00000271582	0	NA	NA	NA	NA	
NA	ENSG00000271583	0	NA	NA	NA	NA	
105369490	ENSG00000271584	0	NA	NA	NA	NA	LINC02550
NA	ENSG00000271585	0.16735865	0.01897177	0.38482933	0.78225479	NA	SELENOTP2
NA	ENSG00000271586	0	NA	NA	NA	NA	
NA	ENSG00000271587	0	NA	NA	NA	NA	
NA	ENSG00000271588	0	NA	NA	NA	NA	LARP7P1
NA	ENSG00000271589	0	NA	NA	NA	NA	
NA	ENSG00000271590	0	NA	NA	NA	NA	
NA	ENSG00000271595	0	NA	NA	NA	NA	ELOCP35
NA	ENSG00000271596	0	NA	NA	NA	NA	
NA	ENSG00000271597	0	NA	NA	NA	NA	
NA	ENSG00000271598	0	NA	NA	NA	NA	
NA	ENSG00000271600	0	NA	NA	NA	NA	
128077	ENSG00000271601	1734.04345	-0.04035763	0.07717097	0.59279255	0.78702605	LIX1L
NA	ENSG00000271602	0	NA	NA	NA	NA	KRT8P49
284021	ENSG00000271605	0	NA	NA	NA	NA	MILR1
NA	ENSG00000271606	0	NA	NA	NA	NA	
NA	ENSG00000271607	0	NA	NA	NA	NA	
NA	ENSG00000271608	0	NA	NA	NA	NA	
NA	ENSG00000271609	0	NA	NA	NA	NA	
NA	ENSG00000271611	0	NA	NA	NA	NA	
NA	ENSG00000271612	0	NA	NA	NA	NA	HSPE1P14
NA	ENSG00000271614	33.2804622	0.54337925	0.41332447	0.038431	0.12191735	ATP2B1-AS1
NA	ENSG00000271615	0	NA	NA	NA	NA	ACTG1P22
NA	ENSG00000271616	0	NA	NA	NA	NA	
NA	ENSG00000271618	0	NA	NA	NA	NA	
NA	ENSG00000271620	0	NA	NA	NA	NA	IGHV3OR16-7
NA	ENSG00000271621	0	NA	NA	NA	NA	
NA	ENSG00000271623	0.54919481	0.03276138	0.38621991	0.45398559	NA	
NA	ENSG00000271624	0	NA	NA	NA	NA	
NA	ENSG00000271625	0	NA	NA	NA	NA	PSMA6P4
NA	ENSG00000271626	0	NA	NA	NA	NA	H3P42
NA	ENSG00000271627	0	NA	NA	NA	NA	NKAIN1P2
NA	ENSG00000271629	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000271631	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000271632	0	NA	NA	NA	NA	
NA	ENSG00000271635	0.16735865	0.01897177	0.38482933	0.78225479	NA	DBF4P2
NA	ENSG00000271638	0.67243483	0.03948371	0.38703737	0.3668709	NA	BNIP3P19
NA	ENSG00000271639	1.62185474	-0.01763419	0.37719653	0.82038449	NA	PPFIA1P1
NA	ENSG00000271642	0	NA	NA	NA	NA	MARK3P1
NA	ENSG00000271643	25.6851092	-0.18328772	0.32759186	0.36056082	0.59046856	PDCD6IP-DT
NA	ENSG00000271644	0	NA	NA	NA	NA	
NA	ENSG00000271646	30.2721167	0.83699318	0.47343257	0.00807711	0.03481275	IRF2-DT
NA	ENSG00000271647	0	NA	NA	NA	NA	KRT8P47
NA	ENSG00000271650	0	NA	NA	NA	NA	
NA	ENSG00000271652	0	NA	NA	NA	NA	
NA	ENSG00000271653	1.71107918	0.05996294	0.38667714	0.34790702	NA	
NA	ENSG00000271654	0	NA	NA	NA	NA	
NA	ENSG00000271655	0	NA	NA	NA	NA	BNIP3P35
NA	ENSG00000271656	0	NA	NA	NA	NA	
NA	ENSG00000271657	0	NA	NA	NA	NA	
NA	ENSG00000271659	8.14475432	-0.12093818	0.36629034	0.44409014	0.66905081	
NA	ENSG00000271660	0	NA	NA	NA	NA	
NA	ENSG00000271661	0	NA	NA	NA	NA	BNIP3P36
NA	ENSG00000271662	4.76310855	0.13502223	0.39788349	0.25951679	0.48119749	
NA	ENSG00000271664	6.12207865	0.08309833	0.36866324	0.5401037	0.748907	
NA	ENSG00000271666	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000271667	0	NA	NA	NA	NA	
NA	ENSG00000271670	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000271671	0	NA	NA	NA	NA	
NA	ENSG00000271672	0	NA	NA	NA	NA	DUXAP8
NA	ENSG00000271676	0	NA	NA	NA	NA	
NA	ENSG00000271677	0	NA	NA	NA	NA	
NA	ENSG00000271679	0	NA	NA	NA	NA	LSM1P2
NA	ENSG00000271680	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000271681	0	NA	NA	NA	NA	
NA	ENSG00000271682	0	NA	NA	NA	NA	
NA	ENSG00000271686	0	NA	NA	NA	NA	TNPO3P1
NA	ENSG00000271687	0.16735865	0.01897177	0.38482933	0.78225479	NA	MTND5P10
NA	ENSG00000271691	0	NA	NA	NA	NA	
NA	ENSG00000271693	0	NA	NA	NA	NA	
NA	ENSG00000271696	0	NA	NA	NA	NA	

NA	ENSG00000271697	0	NA	NA	NA	NA	
NA	ENSG00000271698	38.4171042	0.12930865	0.29068107	0.51487573	0.72954824	
NA	ENSG00000271699	14.964147	-0.36226932	0.56699653	0.05578498	0.16202225	SNX29P2
NA	ENSG00000271701	0	NA	NA	NA	NA	
NA	ENSG00000271702	0	NA	NA	NA	NA	
NA	ENSG00000271704	0	NA	NA	NA	NA	BNIP3P20
NA	ENSG00000271705	0	NA	NA	NA	NA	RPL17P3
NA	ENSG00000271707	0	NA	NA	NA	NA	ATP1B3P1
NA	ENSG00000271709	0	NA	NA	NA	NA	
NA	ENSG00000271710	0	NA	NA	NA	NA	NDUFA8P1
NA	ENSG00000271711	0.64286601	0.00479783	0.38139638	0.9250586	NA	
NA	ENSG00000271712	0	NA	NA	NA	NA	
NA	ENSG00000271714	9.05053042	0.11695922	0.36680421	0.45340794	0.67661629	
NA	ENSG00000271715	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000271716	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271717	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000271723	24.9653335	0.5715664	0.68851151	0.03853607	0.1221335	MROH7-TTC4
NA	ENSG00000271724	0	NA	NA	NA	NA	
NA	ENSG00000271725	0	NA	NA	NA	NA	
NA	ENSG00000271727	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271730	4.60751679	0.05940118	0.37043523	0.61880583	0.80500345	
NA	ENSG00000271732	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000271734	0.97344133	0.00673497	0.38010431	0.91152392	NA	
NA	ENSG00000271736	0	NA	NA	NA	NA	LINC02772
NA	ENSG00000271737	3.30897136	-0.02893096	0.36914083	0.78886045	0.90411045	
NA	ENSG00000271739	0	NA	NA	NA	NA	RNU1-29P
NA	ENSG00000271741	70.2693393	-0.3258295	0.33786172	0.14254366	0.32128606	
NA	ENSG00000271742	0	NA	NA	NA	NA	
NA	ENSG00000271743	1.03914978	0.00535172	0.38081351	0.92358337	NA	
NA	ENSG00000271746	5.36290501	-0.06343665	0.36553801	0.62685112	0.81066736	
NA	ENSG00000271749	0.69368311	0.02718964	0.38370989	0.57129696	NA	
NA	ENSG00000271751	1.33182472	-0.01643738	0.37938441	0.80545407	NA	
NA	ENSG00000271752	0.84852459	-0.0079465	0.38144152	0.8791714	NA	
NA	ENSG00000271754	10.849858	0.28012091	0.45661263	0.13202743	0.30496778	
NA	ENSG00000271755	5.6401215	0.14307871	0.40005102	0.25056639	0.47053941	
NA	ENSG00000271758	0	NA	NA	NA	NA	
NA	ENSG00000271761	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000271763	0	NA	NA	NA	NA	

NA	ENSG00000271765	0	NA	NA	NA	NA	RN7SKP299
NA	ENSG00000271766	0	NA	NA	NA	NA	
NA	ENSG00000271771	0.32409447	-0.02327517	0.38532167	0.66845291	NA	
NA	ENSG00000271774	1.20559296	-0.04889181	0.38873944	0.2316198	NA	
780529	ENSG00000271776	0.69742816	0.05086913	0.38853141	0.29944258	NA	
NA	ENSG00000271778	3.30422344	-0.0096953	0.3683511	0.92627221	0.96932621	
NA	ENSG00000271779	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000271780	15.6182038	0.07493748	0.33408812	0.66996177	0.83755775	
NA	ENSG00000271781	7.97479913	0.01704664	0.35163413	0.90769062	0.95968995	
NA	ENSG00000271784	0.47344433	-0.03506899	0.38628572	0.49580294	NA	TP53RK-DT
NA	ENSG00000271787	0	NA	NA	NA	NA	
NA	ENSG00000271788	0.36246752	0.00101058	0.38336505	0.96626189	NA	
NA	ENSG00000271789	7.81858426	0.24148466	0.44926454	0.13226821	0.3053172	
NA	ENSG00000271792	0	NA	NA	NA	NA	
NA	ENSG00000271793	42.1836787	-0.02997999	0.38019264	0.66019386	0.83152908	
NA	ENSG00000271795	14.2691011	0.12197958	0.35231578	0.48253143	0.70294615	
NA	ENSG00000271797	2.53403485	-0.09443154	0.38816015	0.33781825	NA	
677831	ENSG00000271798	0	NA	NA	NA	NA	SNORA51
NA	ENSG00000271803	0	NA	NA	NA	NA	
NA	ENSG00000271806	3.19944306	-0.10822749	0.392268	0.29131781	0.51742125	
NA	ENSG00000271810	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000271811	0	NA	NA	NA	NA	
NA	ENSG00000271814	0	NA	NA	NA	NA	RN7SKP290
729096	ENSG00000271816	52.7333174	0.06624662	0.2646809	0.73225262	0.87210781	
NA	ENSG00000271817	0	NA	NA	NA	NA	
NA	ENSG00000271818	0	NA	NA	NA	NA	RN7SKP4
NA	ENSG00000271819	0	NA	NA	NA	NA	RNU6-94P
285804	ENSG00000271820	0	NA	NA	NA	NA	
NA	ENSG00000271821	0.18922458	0.01954053	0.38488496	0.78225479	NA	
389332	ENSG00000271824	0.173733	0.01914545	0.38484597	0.78225479	NA	SMIM32
NA	ENSG00000271825	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
101927352	ENSG00000271826	4.18620089	0.11283856	0.38977065	0.31760786	0.5454761	PLS3-AS1
NA	ENSG00000271828	41.0714912	0.08776999	0.27044677	0.6535348	0.82739649	
NA	ENSG00000271830	1.99209486	-0.13987398	0.41965054	0.02970265	NA	
NA	ENSG00000271833	14.3492098	-0.05572259	0.33216419	0.7453325	0.87994031	
NA	ENSG00000271841	0	NA	NA	NA	NA	RNU7-10P
NA	ENSG00000271843	2.28470058	0.09627747	0.39007188	0.31045071	NA	
NA	ENSG00000271848	40.1492969	0.83255742	0.43039437	0.00582797	0.02649562	SYNPO2L-AS1

NA	ENSG00000271849	0.80867165	-0.0092341	0.38156637	0.85901082	NA	MAN2A1-DT
NA	ENSG00000271850	0	NA	NA	NA	NA	LINC02343
NA	ENSG00000271851	15.2103903	-0.11470558	0.34912447	0.50607282	0.72177288	
NA	ENSG00000271852	0	NA	NA	NA	NA	SNORD11B
NA	ENSG00000271853	9.3274656	0.15111938	0.37827437	0.35096051	0.5811749	
NA	ENSG00000271855	15.2274531	-0.0193732	0.32796325	0.90839391	0.96022884	
101929623	ENSG00000271856	0	NA	NA	NA	NA	LINC01215
NA	ENSG00000271857	0	NA	NA	NA	NA	
11068	ENSG00000271858	72.3207029	1.50114097	0.32935606	3.66E-07	4.47E-06	
101927314	ENSG00000271860	3.90623697	-0.03732451	0.36945073	0.73452847	0.87368375	
NA	ENSG00000271862	26.6242928	0.09799464	0.30186837	0.61420994	0.80178045	
NA	ENSG00000271868	1.98213904	-0.04281308	0.37715895	0.6316175	NA	
NA	ENSG00000271869	3.74249691	-0.03397095	0.36799658	0.76340112	0.89095066	DCTN6-DT
NA	ENSG00000271870	22.3523225	-0.20097121	0.34906748	0.31219808	0.53995191	
NA	ENSG00000271871	3.65305773	0.04220885	0.36836114	0.71713183	0.86381491	
NA	ENSG00000271874	0	NA	NA	NA	NA	
NA	ENSG00000271880	1.41234422	-0.01494542	0.38039383	0.80456819	NA	
NA	ENSG00000271882	0.33471731	0.02354391	0.38534154	0.62842204	NA	
407054	ENSG00000271886	0	NA	NA	NA	NA	MIR98
NA	ENSG00000271888	10.553425	0.12335771	0.35572634	0.47067563	0.69300219	JARID2-DT
105374758	ENSG00000271889	1.21202453	-0.00376969	0.37931045	0.95280842	NA	
NA	ENSG00000271890	0	NA	NA	NA	NA	OR10AE1P
NA	ENSG00000271892	0	NA	NA	NA	NA	
NA	ENSG00000271893	0	NA	NA	NA	NA	
NA	ENSG00000271894	0	NA	NA	NA	NA	
NA	ENSG00000271897	0	NA	NA	NA	NA	
100616291	ENSG00000271898	0	NA	NA	NA	NA	MIR4791
100616154	ENSG00000271899	0	NA	NA	NA	NA	MIR4466
NA	ENSG00000271900	0	NA	NA	NA	NA	
NA	ENSG00000271901	0	NA	NA	NA	NA	
NA	ENSG00000271904	0.16735865	0.01897177	0.38482933	0.78225479	NA	
109617004	ENSG00000271907	0	NA	NA	NA	NA	SNORA35B
NA	ENSG00000271911	0.54552894	0.03258714	0.38620182	0.45645895	NA	
105378083	ENSG00000271913	51.8058977	0.72576688	0.37001375	0.00733717	0.03212745	TAGAP-AS1
NA	ENSG00000271914	0	NA	NA	NA	NA	
NA	ENSG00000271916	0.4676222	-0.0095933	0.38288902	0.84768452	NA	
NA	ENSG00000271917	1.05055521	-0.05605189	0.38979878	0.22376419	NA	
NA	ENSG00000271918	25.7000162	-0.13176351	0.31178069	0.49861656	0.71628068	

NA	ENSG00000271919	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000271922	0	NA	NA	NA	NA	
NA	ENSG00000271923	0	NA	NA	NA	NA	RNU6-86P
NA	ENSG00000271924	0	NA	NA	NA	NA	RNA5SP108
NA	ENSG00000271926	0	NA	NA	NA	NA	
NA	ENSG00000271930	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000271931	0.32252204	-0.02325447	0.38531873	0.66958904	NA	PNRC1-DT
NA	ENSG00000271932	0	NA	NA	NA	NA	RNU6-85P
NA	ENSG00000271933	17.2464228	0.11485372	0.33037951	0.53788824	0.74784181	
NA	ENSG00000271934	0	NA	NA	NA	NA	OR2AS2P
NA	ENSG00000271936	63.8593167	0.10305227	0.25147256	0.59222268	0.78670814	
NA	ENSG00000271937	2.26042571	-0.01598747	0.37423291	0.85702358	NA	
NA	ENSG00000271938	0	NA	NA	NA	NA	
NA	ENSG00000271943	8.0522942	-0.03272326	0.34852165	0.82620436	0.92125524	
NA	ENSG00000271945	0	NA	NA	NA	NA	
NA	ENSG00000271947	4.74529824	-0.04547188	0.36483815	0.71497702	0.86271551	
NA	ENSG00000271949	0	NA	NA	NA	NA	
101929733	ENSG00000271952	0	NA	NA	NA	NA	LINC01954
NA	ENSG00000271955	0	NA	NA	NA	NA	
NA	ENSG00000271958	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000271959	4.85096443	0.10539363	0.38019201	0.41082356	0.63847247	
NA	ENSG00000271963	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000271964	7.12326022	-0.02672615	0.35302651	0.8495461	0.93154246	
NA	ENSG00000271966	10.4194491	-0.09964616	0.35482521	0.53678752	0.74734999	ARFGEF1-DT
NA	ENSG00000271967	1.97530084	-0.04517899	0.37945598	0.58398217	NA	
8755	ENSG00000271968	0	NA	NA	NA	NA	ADAM6
NA	ENSG00000271969	0	NA	NA	NA	NA	
NA	ENSG00000271971	25.84049	0.01128831	0.29271891	0.95441102	0.98112988	
NA	ENSG00000271973	0	NA	NA	NA	NA	
NA	ENSG00000271974	0	NA	NA	NA	NA	RDM1P4
NA	ENSG00000271976	121.454147	-0.19455042	0.19463694	0.24667039	0.4658021	
NA	ENSG00000271977	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000271978	11.6750257	0.39402448	0.53268981	0.07794761	0.20738642	
NA	ENSG00000271980	2.71440213	0.01896443	0.37482984	0.83106288	0.92369221	
NA	ENSG00000271981	0.173124	-0.01911262	0.38486262	0.84537521	NA	
26790	ENSG00000271982	0	NA	NA	NA	NA	SNORD58B
NA	ENSG00000271983	0	NA	NA	NA	NA	
NA	ENSG00000271984	0	NA	NA	NA	NA	

NA	ENSG00000271985	0	NA	NA	NA	NA	
NA	ENSG00000271986	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL827P
NA	ENSG00000271989	2.93968336	0.03768788	0.37526477	0.68824953	0.8486324	
NA	ENSG00000271991	2.89357845	-0.0244662	0.37149751	0.80585236	0.91210433	TTC32-DT
NA	ENSG00000271992	1.17830584	-0.00844522	0.38051115	0.8845071	NA	
NA	ENSG00000271993	4.50911994	0.0601871	0.36709603	0.63553476	0.81659281	
NA	ENSG00000271996	1.16543548	-0.05995767	0.38755844	0.30969002	NA	
NA	ENSG00000271998	0.86285982	0.03513688	0.38429772	0.46175518	NA	
NA	ENSG00000272002	2.58315232	0.04986484	0.37685188	0.60057011	0.79134695	
NA	ENSG00000272004	2.23034386	-0.12848333	0.41035667	0.07752905	NA	
NA	ENSG00000272006	0	NA	NA	NA	NA	
NA	ENSG00000272008	107.510334	0.01001399	0.19136024	0.95315147	0.98058207	
NA	ENSG00000272009	2.56952501	-0.05969424	0.37968535	0.51880487	0.73239566	
NA	ENSG00000272010	2.82873716	-0.02652852	0.37415094	0.77326914	0.89572433	
NA	ENSG00000272015	0	NA	NA	NA	NA	
NA	ENSG00000272020	0	NA	NA	NA	NA	RNU1-30P
NA	ENSG00000272021	1.21850812	0.06619129	0.3889315	0.25242686	NA	
NA	ENSG00000272023	0.62277997	-0.01893267	0.38299645	0.69075141	NA	AFF4-DT
NA	ENSG00000272024	1.30108012	0.0069147	0.3779948	0.9241263	NA	
NA	ENSG00000272025	0	NA	NA	NA	NA	
NA	ENSG00000272027	0	NA	NA	NA	NA	
NA	ENSG00000272028	0	NA	NA	NA	NA	RNU6-87P
NA	ENSG00000272030	6.64523049	0.0507998	0.3572734	0.7207425	0.8666434	
284615	ENSG00000272031	135.270645	-0.64537186	0.21201374	0.00054405	0.00347173	ANKRD34A
NA	ENSG00000272033	2.38561776	0.04896089	0.37624315	0.61321264	NA	
26822	ENSG00000272034	0	NA	NA	NA	NA	SNORD14A
406931	ENSG00000272036	0	NA	NA	NA	NA	MIR139
NA	ENSG00000272037	18.749261	0.36228005	0.44079947	0.11210759	0.2709813	
NA	ENSG00000272040	17.078922	-0.02042581	0.32656667	0.90418635	0.95807825	
NA	ENSG00000272043	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000272046	0	NA	NA	NA	NA	
404672	ENSG00000272047	324.732826	-0.57570495	0.16380675	0.00012975	0.00096018	GTF2H5
NA	ENSG00000272049	3.03106475	0.15535603	0.414809	0.14986136	0.33287611	
NA	ENSG00000272050	0	NA	NA	NA	NA	
NA	ENSG00000272051	0	NA	NA	NA	NA	
NA	ENSG00000272054	94.2754805	-0.08259302	0.21972237	0.64603216	0.82370422	
NA	ENSG00000272056	10.7982855	0.09468287	0.35164711	0.56501891	0.76722846	
NA	ENSG00000272057	0.35765493	0.02382406	0.38538215	0.61352569	NA	ANKH-DT

NA	ENSG00000272068	19.4495654	0.08807568	0.32180515	0.63542782	0.8165276	BCAN-AS1
NA	ENSG00000272070	18.1253249	0.06824757	0.34136852	0.67841669	0.84291038	
NA	ENSG00000272071	5.31318314	-0.07605661	0.36830754	0.5624716	0.76552855	
NA	ENSG00000272072	22.0327595	0.04165388	0.30570024	0.82578243	0.92099182	
NA	ENSG00000272075	0	NA	NA	NA	NA	RN7SL828P
NA	ENSG00000272076	2.52378059	0.01750429	0.37420671	0.84724085	NA	
NA	ENSG00000272077	99.9794596	0.10330867	0.21354242	0.56270321	0.7656036	
NA	ENSG00000272078	11.7155834	0.06744444	0.3452908	0.68007972	0.84377539	
NA	ENSG00000272079	19.7768698	-0.63853637	0.60114907	0.03091374	0.10263197	
574504	ENSG00000272080	0	NA	NA	NA	NA	MIR502
NA	ENSG00000272081	0.49236993	0.01424218	0.38309227	0.75628987	NA	FCHO2-DT
NA	ENSG00000272084	7.67073399	0.06901255	0.3557407	0.64633244	0.82374482	
NA	ENSG00000272085	0	NA	NA	NA	NA	
NA	ENSG00000272086	7.41296291	0.00389843	0.35303652	0.98031381	0.99338199	GOLPH3-DT
NA	ENSG00000272087	0.90419472	-0.03873466	0.3871499	0.33610152	NA	
NA	ENSG00000272088	0	NA	NA	NA	NA	
NA	ENSG00000272092	22.8175481	-0.07615472	0.31112693	0.68404901	0.84597592	
NA	ENSG00000272094	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000272096	0	NA	NA	NA	NA	RN7SL715P
NA	ENSG00000272097	16.103912	0.01109268	0.32189106	0.95177823	0.98012235	TMEM14B-DT
NA	ENSG00000272100	0.80965794	0.01737517	0.38133441	0.75723271	NA	
NA	ENSG00000272103	9.93076802	-0.13310657	0.3664895	0.41613359	0.64294763	
NA	ENSG00000272104	0	NA	NA	NA	NA	
NA	ENSG00000272106	175.542366	0.34023995	0.1785932	0.03212208	0.10588625	
NA	ENSG00000272108	46.0403589	-0.44730559	0.34581805	0.05926306	0.16956407	
NA	ENSG00000272109	0.93996471	-0.00135435	0.38087354	0.94457143	NA	
NA	ENSG00000272112	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000272113	0	NA	NA	NA	NA	
NA	ENSG00000272114	0	NA	NA	NA	NA	
NA	ENSG00000272115	16.609155	-0.0450602	0.32645522	0.79565816	0.90608758	
NA	ENSG00000272121	31.2395709	-0.27479291	0.33406071	0.20125577	0.40656904	
NA	ENSG00000272123	0.97312817	0.00697542	0.38011199	0.90837196	NA	
NA	ENSG00000272128	0.31697286	0.0013595	0.3833685	0.96482725	NA	
NA	ENSG00000272129	5.06413849	0.04661221	0.36496928	0.71134051	0.86130838	
NA	ENSG00000272130	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000272134	0	NA	NA	NA	NA	
NA	ENSG00000272137	1.98241613	-0.11468941	0.4041232	0.10217957	NA	
101927067	ENSG00000272138	14.0749973	0.43015295	0.63262087	0.04593634	0.1394609	LINC01607

NA	ENSG00000272139	0	NA	NA	NA	NA	
NA	ENSG00000272140	23.5115905	-0.08813365	0.31468176	0.6368813	0.81722218	
NA	ENSG00000272141	0	NA	NA	NA	NA	
100129461	ENSG00000272142	48.2868707	0.53557082	0.40149958	0.03855231	0.12216544	
283481	ENSG00000272143	68.6590071	0.10565357	0.23551159	0.57394115	0.77331018	FGF14-AS2
NA	ENSG00000272144	0	NA	NA	NA	NA	
NA	ENSG00000272145	72.9832992	-0.14090516	0.25664793	0.46735233	0.69026057	NFYC-AS1
106144532	ENSG00000272146	9.09867836	-0.02434936	0.34707569	0.86937358	0.94304931	ARF4-AS1
NA	ENSG00000272148	8.39548891	-0.02991229	0.34756832	0.84176092	0.92806539	
NA	ENSG00000272149	0	NA	NA	NA	NA	
101929780	ENSG00000272150	79.678475	-0.22253911	0.23103823	0.23381832	0.45077791	NBPF25P
NA	ENSG00000272153	27.8372684	-0.1085458	0.30193302	0.57523288	0.77410434	
NA	ENSG00000272154	17.453176	-0.10891483	0.32945211	0.55422507	0.76016768	
NA	ENSG00000272155	0	NA	NA	NA	NA	
NA	ENSG00000272156	3.10294247	0.07457672	0.37899374	0.48343704	0.70370318	
NA	ENSG00000272157	5.31737061	-0.12164693	0.3846924	0.35515409	0.58555051	
NA	ENSG00000272158	0	NA	NA	NA	NA	
NA	ENSG00000272159	1.98034827	0.05929905	0.38576021	0.38615801	NA	
NA	ENSG00000272160	0	NA	NA	NA	NA	RNU4-5P
NA	ENSG00000272161	0.52314496	0.01079363	0.38326152	0.77138874	NA	
NA	ENSG00000272162	3.09957508	0.00219872	0.37699661	0.9795267	0.99317507	
NA	ENSG00000272163	244.004535	-0.79210011	0.16362566	2.34E-07	2.94E-06	
NA	ENSG00000272164	0	NA	NA	NA	NA	
NA	ENSG00000272166	0	NA	NA	NA	NA	
NA	ENSG00000272167	17.2127561	-0.08952859	0.33223862	0.61509984	0.80244482	
NA	ENSG00000272168	1153.4132	-0.04905056	0.08103874	0.53569758	0.74647757	CASC15
NA	ENSG00000272170	1.67119598	0.05626374	0.38388943	0.44520303	NA	KLC4-AS1
NA	ENSG00000272172	0.79588531	-0.0229464	0.38363383	0.59311559	NA	
NA	ENSG00000272173	62.6908758	0.34636236	0.29845233	0.11046724	0.26795865	
NA	ENSG00000272175	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000272180	0	NA	NA	NA	NA	
NA	ENSG00000272181	1.54225739	-0.0857317	0.39362666	0.18197637	NA	
NA	ENSG00000272182	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000272183	8.02387077	1.37588784	1.44844912	0.00875676	0.03719422	
NA	ENSG00000272186	1.2009455	0.03972895	0.38275177	0.52759782	NA	VPS11-DT
NA	ENSG00000272189	8.03711796	-0.24824089	0.44896891	0.13516705	0.30966679	
NA	ENSG00000272192	2.18194921	-0.02692726	0.37448956	0.76737066	NA	PDE7A-DT
NA	ENSG00000272195	24.9784724	0.16150888	0.31939633	0.41746978	0.64370875	

723790	ENSG00000272196	126.768825	-0.20670425	0.41730363	0.19480615	0.39799752	H2AC19
NA	ENSG00000272197	0	NA	NA	NA	NA	RN7SL803P
NA	ENSG00000272202	2.1048134	-0.03035008	0.37508327	0.73781569	NA	
NA	ENSG00000272203	0	NA	NA	NA	NA	
NA	ENSG00000272205	2.37151195	-0.10561494	0.39504995	0.24705109	NA	POU2F1-DT
NA	ENSG00000272209	1.07595467	0.00962874	0.38015273	0.87354555	NA	
NA	ENSG00000272211	0.63816215	-0.01728511	0.38279658	0.69782836	NA	
NA	ENSG00000272215	0	NA	NA	NA	NA	
NA	ENSG00000272217	7.90584939	0.1601419	0.38848685	0.30554276	0.53306089	
NA	ENSG00000272218	0	NA	NA	NA	NA	
NA	ENSG00000272219	0.75689831	0.03380966	0.38651369	0.3822658	NA	
NA	ENSG00000272220	0	NA	NA	NA	NA	
NA	ENSG00000272221	0	NA	NA	NA	NA	
NA	ENSG00000272223	4.07978787	0.07411885	0.37522822	0.52331477	0.73621666	
NA	ENSG00000272226	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
100500896	ENSG00000272230	0	NA	NA	NA	NA	MIR3666
NA	ENSG00000272232	0.18922458	0.01954053	0.38488496	0.78225479	NA	RN7SL726P
NA	ENSG00000272234	0	NA	NA	NA	NA	
NA	ENSG00000272235	0	NA	NA	NA	NA	
NA	ENSG00000272236	0	NA	NA	NA	NA	
NA	ENSG00000272237	0	NA	NA	NA	NA	
NA	ENSG00000272239	0	NA	NA	NA	NA	
NA	ENSG00000272240	16.8968505	-0.10513113	0.33407172	0.56012461	0.76415299	
NA	ENSG00000272243	0	NA	NA	NA	NA	
NA	ENSG00000272247	2.2240559	-0.00298924	0.37309025	0.97251949	NA	
NA	ENSG00000272248	2.22573272	0.08016637	0.38662333	0.36377112	NA	
NA	ENSG00000272249	0	NA	NA	NA	NA	
NA	ENSG00000272253	0	NA	NA	NA	NA	RNA5SP386
NA	ENSG00000272254	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000272255	0.32258598	-0.02325499	0.38531881	0.66955206	NA	
NA	ENSG00000272256	11.6265412	1.81317113	0.84191268	0.00141435	0.00797179	
63930	ENSG00000272259	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC01749
NA	ENSG00000272262	0	NA	NA	NA	NA	RNU6-89P
NA	ENSG00000272263	5.68069192	0.15387029	0.39514964	0.28016262	0.50481908	
NA	ENSG00000272264	1.18869466	0.01726835	0.3809844	0.76782878	NA	
NA	ENSG00000272265	0.45035775	-0.02733014	0.38571555	0.56139885	NA	
NA	ENSG00000272267	19.9588922	-0.16239314	0.35871046	0.37329064	0.60231672	
NA	ENSG00000272269	9.15574011	-0.13288966	0.37277687	0.39610485	0.62549509	NUP153-AS1

NA	ENSG00000272273	10.9364501	-0.25801626	0.42651318	0.17147615	0.36389846	IER3-AS1
NA	ENSG00000272274	2.31792731	0.16260997	0.43097383	0.03875774	NA	LINC00551
NA	ENSG00000272275	1.35314042	0.09385517	0.39966945	0.08533235	NA	
NA	ENSG00000272277	20.702074	0.04680691	0.30724353	0.80358239	0.91070264	
NA	ENSG00000272279	0	NA	NA	NA	NA	
NA	ENSG00000272281	0	NA	NA	NA	NA	TPTE2P2
NA	ENSG00000272282	0.34746601	0.02370763	0.3853651	0.61987128	NA	LINC02084
101929243	ENSG00000272288	13.0570436	0.2514005	0.40559167	0.19923111	0.40371211	ILRUN-AS1
NA	ENSG00000272293	7.6165581	-0.18330187	0.41920502	0.17439869	0.36797512	
619571	ENSG00000272296	0	NA	NA	NA	NA	SNORD96A
NA	ENSG00000272297	0	NA	NA	NA	NA	
NA	ENSG00000272298	0	NA	NA	NA	NA	
NA	ENSG00000272304	0.3164349	0.00076867	0.38336445	0.97048705	NA	
NA	ENSG00000272305	3.5543504	0.19328569	0.44436445	0.06598046	0.18367509	
NA	ENSG00000272311	0	NA	NA	NA	NA	IFNL4P1
NA	ENSG00000272312	1.26357232	-0.05426896	0.38686776	0.31128814	NA	
NA	ENSG00000272316	52.8772884	0.61413139	0.32317438	0.01203158	0.04836033	
NA	ENSG00000272319	0	NA	NA	NA	NA	
NA	ENSG00000272320	0.6974579	0.02756717	0.38375057	0.56691309	NA	
NA	ENSG00000272321	0.30001614	-0.02294459	0.38527538	0.68644858	NA	
NA	ENSG00000272323	7.17486269	0.01420349	0.35406564	0.92121157	0.96682383	TTC23L-AS1
NA	ENSG00000272324	0	NA	NA	NA	NA	DAP-DT
11165	ENSG00000272325	4946.51474	-0.29764451	0.05822563	2.20E-07	2.78E-06	NUDT3
NA	ENSG00000272328	1.976231	0.07335955	0.38659375	0.35935996	NA	
NA	ENSG00000272329	0	NA	NA	NA	NA	
NA	ENSG00000272330	0	NA	NA	NA	NA	
9757	ENSG00000272333	1773.74708	0.14429314	0.0828675	0.07433848	0.20011698	KMT2B
NA	ENSG00000272334	1.01502561	-0.02316411	0.38037083	0.71895602	NA	
NA	ENSG00000272335	127.976357	-0.01454379	0.19442894	0.92982226	0.97064482	
NA	ENSG00000272337	0	NA	NA	NA	NA	RNU6-90P
NA	ENSG00000272338	6.64040592	0.16999806	0.40266802	0.24397376	0.46235928	
NA	ENSG00000272341	1.38890162	0.06670381	0.38670876	0.35414149	NA	
339822	ENSG00000272342	1.83065956	0.04709184	0.38049586	0.55726704	NA	
NA	ENSG00000272343	0.18922458	0.01954053	0.38488496	0.78225479	NA	
767599	ENSG00000272344	0	NA	NA	NA	NA	SNORD114-21
NA	ENSG00000272345	7.39669057	-0.16552332	0.3970783	0.26621834	0.48851016	
NA	ENSG00000272346	0	NA	NA	NA	NA	
NA	ENSG00000272347	0	NA	NA	NA	NA	

NA	ENSG00000272354	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000272356	26.2440765	0.04493608	0.29701218	0.81491806	0.91598064	
NA	ENSG00000272359	0	NA	NA	NA	NA	RNU4-89P
NA	ENSG00000272360	0.53046641	0.01389216	0.38294623	0.73865383	NA	
NA	ENSG00000272361	0.64930308	-0.03789498	0.38680748	0.40868827	NA	
NA	ENSG00000272362	0	NA	NA	NA	NA	
NA	ENSG00000272366	0	NA	NA	NA	NA	
NA	ENSG00000272368	11.0837356	0.17267604	0.37572314	0.32691129	0.55525384	
NA	ENSG00000272369	0	NA	NA	NA	NA	
NA	ENSG00000272370	1.34606169	0.03334403	0.37988383	0.64764822	NA	
NA	ENSG00000272371	0.50906448	0.0100077	0.38324851	0.78541999	NA	
NA	ENSG00000272372	64.1229814	-1.36355706	0.32418018	2.11E-06	2.26E-05	
NA	ENSG00000272374	28.5781531	-0.04283254	0.29158947	0.82122234	0.91847813	
NA	ENSG00000272375	5.62591174	-0.02605782	0.36210043	0.83311307	0.92402523	
NA	ENSG00000272379	25.0606541	-0.38053812	0.41014639	0.10456764	0.25755703	
100616244	ENSG00000272380	0	NA	NA	NA	NA	MIR3976
NA	ENSG00000272381	0	NA	NA	NA	NA	LINC02664
NA	ENSG00000272382	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000272383	0	NA	NA	NA	NA	
NA	ENSG00000272384	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000272386	8.29539939	-0.39381683	0.6009386	0.05273502	0.15500188	
NA	ENSG00000272387	0	NA	NA	NA	NA	
100101267	ENSG00000272391	4534.21736	-0.00539868	0.0571345	0.92355366	0.96825748	POM121C
NA	ENSG00000272393	0	NA	NA	NA	NA	RNU6-92P
101180976	ENSG00000272395	0	NA	NA	NA	NA	IFNL4
NA	ENSG00000272396	0	NA	NA	NA	NA	
NA	ENSG00000272397	0	NA	NA	NA	NA	
100133941	ENSG00000272398	8829.42907	0.19652306	0.06587661	0.00244277	0.01270702	CD24
NA	ENSG00000272400	0	NA	NA	NA	NA	
NA	ENSG00000272402	1.4376579	-0.02889121	0.37920266	0.69410965	NA	
NA	ENSG00000272405	42.85177	-0.33605994	0.32469138	0.12910014	0.30048648	
NA	ENSG00000272406	0	NA	NA	NA	NA	
NA	ENSG00000272407	1.35498778	-0.0175003	0.38064401	0.77164326	NA	
NA	ENSG00000272410	145.475118	0.10437354	0.22357353	0.56873584	0.76943192	
NA	ENSG00000272411	0	NA	NA	NA	NA	
NA	ENSG00000272412	0	NA	NA	NA	NA	RN7SL778P
100631383	ENSG00000272414	39.6492813	-0.03682847	0.28671641	0.84516665	0.92965052	FAM47E-STBD1
NA	ENSG00000272416	2.5547601	-0.05103903	0.37723027	0.588622	NA	

NA	ENSG00000272417	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000272418	0	NA	NA	NA	NA	
NA	ENSG00000272419	241.865064	-1.09696909	0.16833141	8.27E-12	1.77E-10	LINC01145
NA	ENSG00000272420	3.85701647	0.02475512	0.3674949	0.82752128	0.92199822	
NA	ENSG00000272425	33.2150377	-0.1586354	0.30631181	0.42684379	0.65273477	
NA	ENSG00000272426	1.40878227	-0.02414605	0.37971431	0.72488904	NA	
NA	ENSG00000272428	0	NA	NA	NA	NA	
NA	ENSG00000272430	0.65642921	0.02020883	0.3836849	0.63626025	NA	LINC02637
NA	ENSG00000272431	0.14931947	-0.01844332	0.38480212	0.84537521	NA	ZNF454-DT
NA	ENSG00000272432	2.20535367	0.0039517	0.37358001	0.96642095	NA	
NA	ENSG00000272434	10.9358707	0.17269443	0.38254335	0.31101844	0.53866926	
NA	ENSG00000272435	0	NA	NA	NA	NA	RNA5SP357
NA	ENSG00000272436	0	NA	NA	NA	NA	CUX2P1
NA	ENSG00000272438	26.2084062	0.81487805	0.54111343	0.01240286	0.04956148	
NA	ENSG00000272439	0	NA	NA	NA	NA	RNU6-91P
NA	ENSG00000272442	17.0828123	0.27671174	0.3979301	0.18532812	0.38437996	
NA	ENSG00000272443	0	NA	NA	NA	NA	OR13Z2P
NA	ENSG00000272444	2.68411107	-0.03343633	0.37423021	0.72312758	0.86764418	
NA	ENSG00000272445	0	NA	NA	NA	NA	RNU6-84P
NA	ENSG00000272446	0	NA	NA	NA	NA	
642361	ENSG00000272447	64.2456867	-0.14480585	0.24061185	0.44450821	0.66940936	
NA	ENSG00000272449	16.6276352	-0.20607747	0.37659798	0.2762647	0.50042786	
NA	ENSG00000272455	53.551604	-0.38815165	0.31081203	0.08147783	0.21429626	MRPL20-DT
NA	ENSG00000272456	0	NA	NA	NA	NA	
NA	ENSG00000272457	0.96338235	-0.04903672	0.38547802	0.39588292	NA	
574451	ENSG00000272458	0	NA	NA	NA	NA	MIR432
NA	ENSG00000272459	0.69249601	-0.03077728	0.38619256	0.44510896	NA	FAM193B-DT
100033814	ENSG00000272460	0	NA	NA	NA	NA	SNORD115-40
NA	ENSG00000272461	0	NA	NA	NA	NA	
NA	ENSG00000272462	85.9418732	-0.19830681	0.24106133	0.29768515	0.5243318	
NA	ENSG00000272463	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000272465	0.71502571	0.02675648	0.38357279	0.55953927	NA	
NA	ENSG00000272468	2.18635763	0.04425446	0.37844903	0.6077856	NA	
NA	ENSG00000272469	0	NA	NA	NA	NA	RN7SL760P
NA	ENSG00000272472	0	NA	NA	NA	NA	
NA	ENSG00000272473	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
767565	ENSG00000272474	0	NA	NA	NA	NA	SNORD113-5
NA	ENSG00000272476	17.2645161	-0.02866778	0.31608841	0.87235351	0.94419841	

NA	ENSG00000272477	0	NA	NA	NA	NA	
NA	ENSG00000272478	0	NA	NA	NA	NA	
NA	ENSG00000272479	0.31987131	0.00229805	0.38337965	0.95505254	NA	
NA	ENSG00000272480	0	NA	NA	NA	NA	OR13Z3P
NA	ENSG00000272482	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000272483	0.4700059	-0.00718439	0.38322624	0.86885276	NA	
NA	ENSG00000272485	0.4648018	-0.00773575	0.38326836	0.86563119	NA	
NA	ENSG00000272489	1.75300077	0.03348773	0.38032084	0.63774379	NA	
NA	ENSG00000272491	5.60621713	0.16508734	0.40247021	0.24428309	0.46285708	
NA	ENSG00000272494	0	NA	NA	NA	NA	OR1X1P
NA	ENSG00000272498	3.4092109	0.04523516	0.37013449	0.6884915	0.8487431	
NA	ENSG00000272501	33.3693379	-0.1139697	0.29094994	0.55961453	0.76413192	
NA	ENSG00000272502	0.53656189	0.03215616	0.38615737	0.46264823	NA	
NA	ENSG00000272505	35.2709727	0.48712894	0.38855449	0.05175342	0.15302351	
NA	ENSG00000272506	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000272507	0	NA	NA	NA	NA	RNU6-88P
NA	ENSG00000272508	1.63990569	-0.00937577	0.37806324	0.89510003	NA	
NA	ENSG00000272509	4.08158061	0.00777988	0.36771545	0.94533827	0.97766426	
NA	ENSG00000272510	0	NA	NA	NA	NA	
NA	ENSG00000272512	5.57686547	-0.11972926	0.38363593	0.36479654	0.59432668	
154313	ENSG00000272514	8.43935731	-0.07936711	0.35448684	0.60593209	0.79576969	CFAP206
NA	ENSG00000272515	0	NA	NA	NA	NA	
NA	ENSG00000272516	0.98649095	0.00491873	0.38088651	0.9292456	NA	
NA	ENSG00000272518	4.53850763	-0.0318825	0.36591088	0.78512375	0.90222156	
NA	ENSG00000272519	0	NA	NA	NA	NA	
100652853	ENSG00000272523	9.25306039	0.04453826	0.34755437	0.77490169	0.89613481	LINC01023
NA	ENSG00000272525	9.5152402	0.02869611	0.34678903	0.85306526	0.93373137	BTF3-DT
NA	ENSG00000272529	2.4826451	0.0456704	0.37777312	0.61144107	NA	
677811	ENSG00000272533	0	NA	NA	NA	NA	SNORA28
NA	ENSG00000272536	0	NA	NA	NA	NA	RN7SL840P
NA	ENSG00000272537	0	NA	NA	NA	NA	
NA	ENSG00000272540	106.901887	0.36089611	0.22124024	0.05149356	0.15241417	
NA	ENSG00000272541	0	NA	NA	NA	NA	
NA	ENSG00000272542	0	NA	NA	NA	NA	
100616138	ENSG00000272543	0	NA	NA	NA	NA	MIR4787
NA	ENSG00000272545	0	NA	NA	NA	NA	
401286	ENSG00000272549	0	NA	NA	NA	NA	LINC02538
NA	ENSG00000272551	13.8179901	0.14100289	0.36081463	0.41706949	0.64349161	

NA	ENSG00000272554	0.94612289	0.04084733	0.38743659	0.29648824	NA	
NA	ENSG00000272555	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000272556	487.453173	-0.18309429	0.11616231	0.09717903	0.24386947	GTF2IP13
NA	ENSG00000272558	0	NA	NA	NA	NA	
NA	ENSG00000272559	0	NA	NA	NA	NA	OR51F3P
NA	ENSG00000272562	8.57127899	-0.25349256	0.44560522	0.14173111	0.32019418	H3-3A-DT
NA	ENSG00000272563	1.60959431	-0.01408084	0.37573845	0.86482202	NA	
NA	ENSG00000272564	0	NA	NA	NA	NA	
NA	ENSG00000272566	0	NA	NA	NA	NA	
NA	ENSG00000272567	0.75003066	-0.0434525	0.38756843	0.34453641	NA	
100506497	ENSG00000272568	8.12669703	0.1642367	0.39096048	0.29256252	0.51862406	
NA	ENSG00000272569	0	NA	NA	NA	NA	OR5BL1P
NA	ENSG00000272572	7.89216033	-0.05834438	0.35653783	0.6851084	0.84671809	
389125	ENSG00000272573	0	NA	NA	NA	NA	MUSTN1
NA	ENSG00000272574	3.23502012	-0.03305758	0.36979215	0.75953848	0.88850157	
NA	ENSG00000272575	0	NA	NA	NA	NA	LINC02098
NA	ENSG00000272576	3.00835837	4.42E-05	0.37215715	0.99846034	0.99943937	
NA	ENSG00000272578	202.841286	0.08487502	0.22442215	0.64256501	0.82136499	
NA	ENSG00000272582	1.26456345	-0.01625965	0.37945782	0.80711185	NA	
NA	ENSG00000272583	0	NA	NA	NA	NA	
NA	ENSG00000272588	5.63093578	0.1727629	0.41346845	0.19329144	0.39600394	
100507331	ENSG00000272589	18.5761872	0.87983229	1.00144708	0.01595002	0.06058746	ZSWIM8-AS1
NA	ENSG00000272592	0	NA	NA	NA	NA	
NA	ENSG00000272595	0	NA	NA	NA	NA	OR10AH1P
NA	ENSG00000272597	0.67211649	0.02540968	0.38353837	0.59295383	NA	
NA	ENSG00000272599	34.9423839	-0.06431072	0.27726402	0.73838905	0.87630444	
NA	ENSG00000272600	0	NA	NA	NA	NA	
NA	ENSG00000272601	1.80838944	-0.06680738	0.39257749	0.11652773	NA	
152687	ENSG00000272602	1765.09275	-0.33139911	0.0707908	1.83E-06	1.98E-05	ZNF595
NA	ENSG00000272604	64.9658738	-0.14645817	0.2556898	0.44999837	0.67340229	
NA	ENSG00000272606	12.5488113	0.02273341	0.33466662	0.89345948	0.95389529	PPP4R3B-DT
NA	ENSG00000272609	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
151877	ENSG00000272610	0.8586218	0.0203234	0.38147581	0.71955895	NA	MAGI1-IT1
NA	ENSG00000272617	39.2597758	0.05420954	0.37908409	0.55749324	0.76263048	
NA	ENSG00000272619	0	NA	NA	NA	NA	FAM131B-AS1
84740	ENSG00000272620	122.37189	0.0502064	0.18344844	0.7566911	0.88697677	AFAP1-AS1
NA	ENSG00000272622	3.09936703	0.0109416	0.369243	0.91867726	0.96558446	
NA	ENSG00000272625	2.03653729	-0.01297395	0.37874571	0.8497693	NA	

NA	ENSG00000272626	0	NA	NA	NA	NA	
NA	ENSG00000272627	0	NA	NA	NA	NA	
NA	ENSG00000272630	16.9560729	-0.06218418	0.32878908	0.72259295	0.86754018	
NA	ENSG00000272631	49.4895338	-0.04039915	0.2573453	0.83143983	0.9237845	
NA	ENSG00000272632	0	NA	NA	NA	NA	
NA	ENSG00000272634	0	NA	NA	NA	NA	OR51F5P
8447	ENSG00000272636	1696.4223	1.56023343	0.09385938	4.43E-63	6.19E-61	DOC2B
NA	ENSG00000272638	4.8283085	0.03292403	0.38690463	0.12791686	0.29849645	
NA	ENSG00000272639	0	NA	NA	NA	NA	
NA	ENSG00000272642	0.30001727	-0.0229446	0.38527539	0.68644787	NA	
NA	ENSG00000272645	507.180394	0.03823897	0.12815633	0.75280298	0.8843065	GTF2IP20
NA	ENSG00000272646	0.68095976	0.00395362	0.38130109	0.93838798	NA	
NA	ENSG00000272647	15.5188754	0.28733505	0.42127438	0.16330947	0.3522953	
NA	ENSG00000272650	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000272654	49.3091496	0.21847067	0.29159804	0.28887852	0.51485356	
NA	ENSG00000272655	210.640749	0.45701935	0.19447652	0.00741771	0.03245146	POLR2J4
NA	ENSG00000272656	0.82777189	-0.00226868	0.3820341	0.96197569	NA	
NA	ENSG00000272657	1.71986812	0.00179552	0.37807156	0.98112108	NA	
NA	ENSG00000272660	0	NA	NA	NA	NA	
NA	ENSG00000272661	2.34302115	0.08334855	0.39733461	0.0564492	NA	
NA	ENSG00000272662	0.50844843	0.01515941	0.38311791	0.7412051	NA	TIMMDC1-DT
NA	ENSG00000272663	3.75630742	-0.04133506	0.36922571	0.7133561	0.86190557	PPP1R21-DT
NA	ENSG00000272664	0	NA	NA	NA	NA	OR51C4P
105373098	ENSG00000272666	0	NA	NA	NA	NA	KLHDC7B-DT
NA	ENSG00000272667	38.1629822	-0.14535502	0.29201629	0.46373847	0.68655856	
107985216	ENSG00000272668	39.8384691	2.58118651	0.45037853	6.31E-10	1.12E-08	
NA	ENSG00000272669	3.92439114	-0.05353356	0.37286806	0.62360028	0.80806149	
NA	ENSG00000272672	0	NA	NA	NA	NA	
57717	ENSG00000272674	76.3938639	-0.75988828	0.31338539	0.00233742	0.01223599	PCDHB16
NA	ENSG00000272676	0	NA	NA	NA	NA	OR5A01P
NA	ENSG00000272677	18.1487669	0.15792257	0.3535649	0.39354614	0.62254469	HNRNPD-DT
NA	ENSG00000272678	0	NA	NA	NA	NA	
NA	ENSG00000272679	0	NA	NA	NA	NA	
NA	ENSG00000272682	6.73055317	0.09046051	0.36605507	0.52875098	0.74043051	
NA	ENSG00000272685	0	NA	NA	NA	NA	OR9I3P
NA	ENSG00000272686	185.863032	0.05346408	0.15731547	0.7107397	0.86113439	WASL-DT
NA	ENSG00000272688	1.5069912	-0.05820786	0.39056928	0.16274765	NA	
NA	ENSG00000272689	0	NA	NA	NA	NA	

107986100	ENSG00000272690	18.6899854	0.26173205	0.3768544	0.21102218	0.42005418	LINC02018
NA	ENSG00000272691	0	NA	NA	NA	NA	
NA	ENSG00000272692	10.2678705	-0.00891918	0.34482131	0.95148643	0.98008882	
441242	ENSG00000272693	18.0488127	0.02598379	0.3585148	0.84393884	0.92948521	
NA	ENSG00000272694	0	NA	NA	NA	NA	
100506394	ENSG00000272695	12.8993154	-0.16758168	0.37061591	0.34367686	0.57400025	GAS6-DT
NA	ENSG00000272696	8.78832302	0.09081275	0.35473131	0.56860644	0.76931138	
NA	ENSG00000272699	0.6777068	0.00272807	0.38187519	0.95322363	NA	
NA	ENSG00000272701	3.00414698	0.03389172	0.37473566	0.71978405	0.86597043	MESTIT1
NA	ENSG00000272702	4.79587427	-0.05660069	0.38136829	0.45804657	0.6814881	
NA	ENSG00000272703	0	NA	NA	NA	NA	
NA	ENSG00000272707	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000272710	0.49222765	-0.00743227	0.38317613	0.85179108	NA	
NA	ENSG00000272711	105.202309	0.30421906	0.23919961	0.11549395	0.27727493	HK2-DT
NA	ENSG00000272714	0	NA	NA	NA	NA	
NA	ENSG00000272715	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000272716	10.5782901	0.03441622	0.33962426	0.83381956	0.92431452	SLC30A6-DT
NA	ENSG00000272717	11.764779	0.02635001	0.33468725	0.87687157	0.94566867	
NA	ENSG00000272719	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000272720	30.5770187	0.10337799	0.29055194	0.59852731	0.78996686	
NA	ENSG00000272721	0.96372549	-0.04919793	0.3855111	0.39475308	NA	EIF2B5-DT
105377466	ENSG00000272727	1.04523632	-0.04362878	0.38786366	0.28148328	NA	LINC02266
NA	ENSG00000272729	18.0411256	0.05471078	0.31514522	0.76784422	0.89307241	
NA	ENSG00000272732	13.7434107	0.38229076	0.51114106	0.08625518	0.22361201	
NA	ENSG00000272733	3.5428879	0.14290799	0.40371217	0.21996307	0.43209275	
NA	ENSG00000272734	0	NA	NA	NA	NA	ADIRF-AS1
NA	ENSG00000272735	0.83571595	-0.03593446	0.383658	0.49624319	NA	
NA	ENSG00000272736	0	NA	NA	NA	NA	
NA	ENSG00000272741	1.86585137	-0.06461608	0.38779721	0.31871552	NA	
NA	ENSG00000272742	0.99883964	-0.01510195	0.38131165	0.78445073	NA	
NA	ENSG00000272744	2.81885536	-0.06699856	0.38012599	0.48883121	0.7085856	
NA	ENSG00000272745	1.62856487	0.01392925	0.37722067	0.857593	NA	
NA	ENSG00000272748	0.78570652	-0.00665839	0.38158116	0.89700437	NA	
NA	ENSG00000272750	40.7342325	0.23005746	0.31080974	0.27134082	0.49475249	
101752399	ENSG00000272752	701.276514	0.14808527	0.12837014	0.220807	0.43318608	J3L5P-PVRIG2P-PILRB
NA	ENSG00000272754	0.87656483	0.03867045	0.38480722	0.4432786	NA	
NA	ENSG00000272755	4.5354949	-0.03021395	0.36592374	0.79596819	0.90627136	
NA	ENSG00000272758	129.699813	-0.38453595	0.26856749	0.06394174	0.1796757	WDR5B-DT

NA	ENSG00000272760	0	NA	NA	NA	NA	
NA	ENSG00000272762	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000272763	0	NA	NA	NA	NA	
NA	ENSG00000272764	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
84989	ENSG00000272767	44.8306693	0.15419809	0.26967817	0.43665739	0.66177394	JMJD1C-AS1
NA	ENSG00000272768	9.36784695	0.01333173	0.34144016	0.93473994	0.97292421	
NA	ENSG00000272769	3.62087291	0.05511668	0.37603117	0.58718492	0.78237765	
NA	ENSG00000272770	0.3000157	-0.02294459	0.38527538	0.68644885	NA	
NA	ENSG00000272772	2.58139376	0.01989295	0.37594666	0.81409787	0.91592004	
NA	ENSG00000272774	1.39061423	0.00721341	0.37880739	0.91569918	NA	
NA	ENSG00000272777	7.84488206	0.00025863	0.35008744	0.99949099	0.99966662	
NA	ENSG00000272779	116.984864	0.0748322	0.19015492	0.65199288	0.82607871	
NA	ENSG00000272783	0	NA	NA	NA	NA	
NA	ENSG00000272784	0.34324743	0.00341845	0.38340028	0.95503462	NA	
NA	ENSG00000272787	2.58803952	-0.03448289	0.37353116	0.72347811	0.86787628	
NA	ENSG00000272788	0	NA	NA	NA	NA	
NA	ENSG00000272789	0	NA	NA	NA	NA	
NA	ENSG00000272791	9.64806875	0.16160112	0.37940476	0.33416167	0.56389725	
NA	ENSG00000272795	0.14931947	-0.01844332	0.38480212	0.84537521	NA	GAR1-DT
NA	ENSG00000272797	0.3630569	0.00151758	0.38336915	0.9614879	NA	
NA	ENSG00000272798	5.73299024	0.36015136	0.61905895	0.02920982	0.09830752	
NA	ENSG00000272799	0	NA	NA	NA	NA	
NA	ENSG00000272800	10.3849043	-0.0176871	0.34713248	0.90454131	0.95823316	
NA	ENSG00000272801	0	NA	NA	NA	NA	
386675	ENSG00000272804	0	NA	NA	NA	NA	KRTAP10-7
NA	ENSG00000272807	14.0910154	-0.08312108	0.34139713	0.62339254	0.80795061	
105369201	ENSG00000272808	0.81987503	-0.04651854	0.38803644	0.31213564	NA	
NA	ENSG00000272810	0	NA	NA	NA	NA	
NA	ENSG00000272812	16.0277524	-0.07398675	0.33480189	0.66821692	0.83690573	
NA	ENSG00000272814	0	NA	NA	NA	NA	
NA	ENSG00000272815	0	NA	NA	NA	NA	
NA	ENSG00000272817	1.20925854	0.04161644	0.38305433	0.50918306	NA	
NA	ENSG00000272821	0	NA	NA	NA	NA	
NA	ENSG00000272822	5.29089152	0.21593306	0.47290811	0.01731516	0.06489096	
NA	ENSG00000272823	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000272824	0	NA	NA	NA	NA	
NA	ENSG00000272825	3.43647588	0.01029899	0.3699153	0.9220568	0.9673527	
NA	ENSG00000272829	0.95490578	0.00382216	0.38091821	0.94469847	NA	

	NA	ENSG00000272831	33.1386195	-0.19431101	0.30635123	0.34096705	0.57125369	
	NA	ENSG00000272832	0	NA	NA	NA	NA	
	NA	ENSG00000272834	0.31825616	0.00120607	0.38336717	0.9655221	NA	
	NA	ENSG00000272836	13.3806147	0.06252259	0.33224995	0.72067839	0.8666434	
	NA	ENSG00000272837	0	NA	NA	NA	NA	OR10AE3P
	NA	ENSG00000272839	2.19216451	-0.11754432	0.40177266	0.17504664	NA	
105374312		ENSG00000272840	0	NA	NA	NA	NA	
	NA	ENSG00000272841	73.9046483	-0.26177869	0.28103278	0.20425981	0.41088053	MAP3K4-AS1
	NA	ENSG00000272842	6.13186198	-0.02069192	0.35699648	0.87616121	0.94534688	
	NA	ENSG00000272843	3.70838627	-0.10127837	0.38308195	0.39085138	0.62016086	
	NA	ENSG00000272844	0.45042492	-0.02733342	0.38571582	0.56134338	NA	
	NA	ENSG00000272848	18.2271337	0.34953931	0.42445592	0.12304546	0.29041423	
	NA	ENSG00000272849	15.9042483	-0.04359666	0.3484184	0.77300877	0.89561741	
	NA	ENSG00000272851	0	NA	NA	NA	NA	
	NA	ENSG00000272853	18.0921063	0.04682867	0.32074104	0.79663192	0.90658744	SUV39H2-DT
	NA	ENSG00000272854	2.50168455	-0.08115293	0.38604329	0.37321205	NA	
	NA	ENSG00000272855	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000272856	0	NA	NA	NA	NA	
	NA	ENSG00000272858	1.01148859	-0.02273697	0.38123212	0.70241693	NA	
	NA	ENSG00000272861	0.31696589	0.00135345	0.38336845	0.96488519	NA	
	NA	ENSG00000272862	0.8281687	0.03623177	0.38460152	0.46749524	NA	
	NA	ENSG00000272864	0	NA	NA	NA	NA	
	NA	ENSG00000272865	3.14368971	0.00274609	0.3691795	0.98060663	0.99355086	
	NA	ENSG00000272866	0.63835532	0.00331716	0.38252103	0.93668948	NA	
105377540		ENSG00000272870	95.0666617	0.42243465	0.24191972	0.03280719	0.10769268	SAP30-DT
	NA	ENSG00000272871	14.9991385	-0.04985831	0.33010717	0.77211644	0.89539725	
	NA	ENSG00000272872	193.536961	-0.29670865	0.16398694	0.0450958	0.13737152	
	NA	ENSG00000272874	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000272880	0	NA	NA	NA	NA	
	NA	ENSG00000272882	0	NA	NA	NA	NA	OR2BH1P
	NA	ENSG00000272884	33.8988533	0.12483118	0.32656817	0.51166934	0.72687381	
	NA	ENSG00000272885	1.73259801	-0.03950865	0.380853	0.58466446	NA	
55802		ENSG00000272886	1350.89167	0.10253991	0.09423666	0.26170867	0.48367956	DCP1A
	NA	ENSG00000272887	153.555181	0.46987621	0.20617406	0.00855035	0.03647367	CSPG4P5
	NA	ENSG00000272888	607.042582	-0.36542461	0.13286316	0.00330633	0.01642774	CHASERR
	NA	ENSG00000272892	4.08007464	-0.15855008	0.41001468	0.19445402	0.39748277	
	NA	ENSG00000272894	52.9109046	0.20726548	0.30139198	0.31139897	0.53905904	MIOS-DT
	NA	ENSG00000272895	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000272896	6.58192047	0.0310268	0.35383869	0.82946563	0.92261925	
NA	ENSG00000272897	0.84069178	0.047866	0.38830597	0.2790679	NA	
100130705	ENSG00000272899	50.3381996	0.17489385	0.27793152	0.38376622	0.61293849	ATP6V1FNB
NA	ENSG00000272900	0	NA	NA	NA	NA	OR10Q2P
100506286	ENSG00000272902	32.0961981	0.42957803	0.41971427	0.07959269	0.21058343	TBC1D8-AS1
NA	ENSG00000272904	5.27413102	-0.17216437	0.41531377	0.1819056	0.37957585	
NA	ENSG00000272905	10.3989568	-0.11387623	0.35903713	0.48382841	0.70413645	
NA	ENSG00000272906	5.06136903	0.04237473	0.36701689	0.7237244	0.86794586	
NA	ENSG00000272908	0	NA	NA	NA	NA	
NA	ENSG00000272909	35.6261262	-0.06097528	0.29165101	0.7490901	0.88205755	
NA	ENSG00000272910	2.59235155	-0.09463544	0.38764216	0.34339869	0.57368054	
NA	ENSG00000272911	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000272912	1.4333354	-0.02650588	0.37867106	0.72244426	NA	
NA	ENSG00000272913	32.5522262	-0.00520012	0.27715477	0.97673676	0.99208812	
NA	ENSG00000272914	4.9127188	0.05043597	0.36975966	0.6647509	0.83451391	
NA	ENSG00000272915	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000272916	111.33383	-0.00411579	0.24169328	0.98022306	0.99338199	
NA	ENSG00000272917	0	NA	NA	NA	NA	
NA	ENSG00000272918	43.1617795	-0.18609808	0.28395418	0.35567815	0.58599659	
NA	ENSG00000272920	0	NA	NA	NA	NA	
NA	ENSG00000272921	0	NA	NA	NA	NA	
NA	ENSG00000272922	0.34121988	0.02362737	0.38535353	0.62404755	NA	
NA	ENSG00000272927	20.0614145	0.27482681	0.37909315	0.19623292	0.3999652	
NA	ENSG00000272931	10.6140837	0.04373196	0.34677572	0.7798362	0.89930494	LRRRC8D-DT
NA	ENSG00000272933	104.073372	-0.63231374	0.27621245	0.00479365	0.02242007	
NA	ENSG00000272934	0.47009673	-0.00720332	0.38322688	0.86855718	NA	
NA	ENSG00000272936	0	NA	NA	NA	NA	
NA	ENSG00000272937	0	NA	NA	NA	NA	OR6U2P
NA	ENSG00000272940	1.59740546	-0.06056543	0.38590963	0.37793567	NA	
NA	ENSG00000272941	18.2794666	-0.12536582	0.34139599	0.48879979	0.7085856	
NA	ENSG00000272942	9.01093988	0.309931	0.49358756	0.0962009	0.2422114	
NA	ENSG00000272944	0	NA	NA	NA	NA	
NA	ENSG00000272945	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000272948	10.478987	0.12646173	0.36896994	0.42570461	0.65149487	
NA	ENSG00000272950	2.08856832	0.09648569	0.39573379	0.19963999	NA	
NA	ENSG00000272953	3.0989464	-0.08819494	0.3873859	0.35020473	0.58060182	
NA	ENSG00000272954	2.71768385	0.09612279	0.39158084	0.28345306	0.508585	
NA	ENSG00000272958	0	NA	NA	NA	NA	

NA	ENSG00000272963	0	NA	NA	NA	NA	OR7A19P
NA	ENSG00000272966	0.30001617	-0.02294459	0.38527538	0.68644856	NA	
NA	ENSG00000272967	0	NA	NA	NA	NA	
100533952	ENSG00000272968	6.50348123	-0.03697664	0.36069742	0.77495325	0.89613481	RBAK-RBAKDN
NA	ENSG00000272969	1.18094779	0.02316509	0.37865912	0.75205916	NA	
107986163	ENSG00000272970	37.849355	0.02141106	0.26816896	0.91304597	0.96283789	
NA	ENSG00000272971	1.57374137	0.09721763	0.39795796	0.14128412	NA	
NA	ENSG00000272973	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000272975	0	NA	NA	NA	NA	MYHAS
NA	ENSG00000272977	18.2185924	0.07080874	0.32862906	0.69205885	0.85113114	
NA	ENSG00000272979	3.35621602	-0.0579541	0.37404125	0.59082421	0.78554834	
NA	ENSG00000272980	47.403309	-0.50026786	0.34425517	0.03861425	0.1222836	
NA	ENSG00000272982	0	NA	NA	NA	NA	
NA	ENSG00000272983	20.2042834	0.08023636	0.31231231	0.67123313	0.83824921	
NA	ENSG00000272984	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000272986	3.15979773	-0.10445237	0.38912258	0.32632389	0.55454098	
NA	ENSG00000272987	0	NA	NA	NA	NA	OR5AL1
NA	ENSG00000272988	0	NA	NA	NA	NA	
NA	ENSG00000272989	14.9151136	-0.1074664	0.34267375	0.53967204	0.74869322	LINC02012
NA	ENSG00000272990	7.64474158	-0.07498757	0.36054884	0.60196597	0.79229168	
NA	ENSG00000272991	5.40324921	-0.27289148	0.51698973	0.03245947	0.10681637	
NA	ENSG00000272994	212.161917	0.2973657	0.15816878	0.03887949	0.12284903	C2orf49-DT
NA	ENSG00000272995	0.3233797	-0.02326139	0.38531978	0.66909333	NA	
NA	ENSG00000273001	1.94165522	-0.04168002	0.37769188	0.63152799	NA	PFKP-DT
107985209	ENSG00000273002	6.55085426	-0.05126242	0.362431	0.69598347	0.8531799	ARHGEF2-AS2
NA	ENSG00000273003	11.4558859	0.03559535	0.38336875	0.53725056	0.74759591	ARL2-SNX15
NA	ENSG00000273004	10.7956822	-0.05456623	0.34272577	0.73472516	0.87375845	
NA	ENSG00000273006	0	NA	NA	NA	NA	
NA	ENSG00000273007	16.4042975	-0.21823665	0.36869155	0.26957643	0.4927127	
NA	ENSG00000273008	28.3850093	0.13765081	0.30624283	0.4865941	0.70642667	CSGALNACT2-DT
NA	ENSG00000273010	11.2758479	0.21637701	0.39750818	0.23752124	0.45473526	
NA	ENSG00000273011	0.34698358	0.00059867	0.383363	0.96279417	NA	
NA	ENSG00000273012	0	NA	NA	NA	NA	
NA	ENSG00000273013	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000273014	10.1192769	-0.38682288	0.56693708	0.06473944	0.1813399	
NA	ENSG00000273015	345.448598	-0.17577606	0.1263004	0.14182783	0.32033973	
NA	ENSG00000273017	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000273018	5.45629528	-0.20492082	0.44380517	0.09457504	0.23911926	FAM106A

NA	ENSG00000273024	1.06688213	0.05288711	0.38714788	0.32363634	NA	INTS4P2
NA	ENSG00000273025	0	NA	NA	NA	NA	
NA	ENSG00000273026	9.70551344	-0.0710412	0.35013907	0.65052671	0.82543169	
NA	ENSG00000273027	4.9949346	-0.00301293	0.36209687	0.97843064	0.9926398	
26220	ENSG00000273032	280.959127	-0.77943118	0.15316003	6.86E-08	9.24E-07	
100129550	ENSG00000273033	237.939835	0.16529771	0.1491642	0.22877523	0.44407598	LINC02035
NA	ENSG00000273035	0.46426594	-0.00763385	0.38326473	0.86723465	NA	
NA	ENSG00000273036	19.0626717	-0.33456128	0.43484129	0.12761579	0.29804636	
NA	ENSG00000273041	0.3180365	0.00096881	0.38336551	0.96779347	NA	ATF4P2
NA	ENSG00000273044	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
150590	ENSG00000273045	21.7561417	-0.00212005	0.30206877	0.98911037	0.99604194	C2orf15
NA	ENSG00000273046	1.5069912	-0.05820786	0.39056928	0.16274765	NA	
NA	ENSG00000273047	0	NA	NA	NA	NA	
NA	ENSG00000273049	0	NA	NA	NA	NA	
NA	ENSG00000273051	0	NA	NA	NA	NA	OR51F4P
NA	ENSG00000273055	100.461663	0.28641136	0.22553063	0.12399145	0.29179342	
NA	ENSG00000273056	2.32921392	0.04052841	0.37528266	0.67151442	NA	
NA	ENSG00000273058	15.7856366	0.227143	0.38489791	0.24338669	0.46186348	
NA	ENSG00000273059	0.173124	-0.01911262	0.38486262	0.84537521	NA	
101929351	ENSG00000273061	11.2905877	-0.24356869	0.42889353	0.16649104	0.35710079	CDC37L1-DT
NA	ENSG00000273062	4.2913967	-0.00337209	0.36385543	0.97541751	0.99139237	RALGPS2-AS1
NA	ENSG00000273063	0.45056176	-0.02734009	0.38571637	0.5612304	NA	
NA	ENSG00000273064	6.29189511	-0.16311089	0.40023726	0.25301263	0.47325073	
NA	ENSG00000273066	150.662302	-0.09931862	0.23582495	0.59384192	0.78750669	
NA	ENSG00000273068	0	NA	NA	NA	NA	
NA	ENSG00000273069	1.70109813	0.01288291	0.37528281	0.8799868	NA	
NA	ENSG00000273073	8.06636876	0.01182138	0.35252571	0.93591017	0.97325384	
NA	ENSG00000273076	0.71500695	0.00503863	0.38184368	0.91565785	NA	
NA	ENSG00000273077	0.32261288	-0.0232552	0.38531884	0.6695365	NA	
2904	ENSG00000273079	0	NA	NA	NA	NA	GRIN2B
NA	ENSG00000273080	7.49546117	0.05869892	0.35319064	0.69730965	0.85388368	
NA	ENSG00000273082	0.173733	0.01914545	0.38484597	0.78225479	NA	LARGE1-AS1
NA	ENSG00000273084	23.7994319	0.35984343	0.40123675	0.11928136	0.28396234	
NA	ENSG00000273085	0	NA	NA	NA	NA	OR52E1
NA	ENSG00000273088	4.921156	0.12788015	0.39491479	0.27877747	0.50317912	
NA	ENSG00000273090	0	NA	NA	NA	NA	
NA	ENSG00000273091	2.54640742	0.01151675	0.37472181	0.89596311	NA	
NA	ENSG00000273093	0	NA	NA	NA	NA	

NA	ENSG00000273096	0	NA	NA	NA	NA	
NA	ENSG00000273098	0	NA	NA	NA	NA	
NA	ENSG00000273100	0	NA	NA	NA	NA	
NA	ENSG00000273102	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000273104	0.34044002	-2.62E-05	0.38336211	0.96550067	NA	
NA	ENSG00000273106	0	NA	NA	NA	NA	PPM1B-DT
NA	ENSG00000273107	0	NA	NA	NA	NA	
NA	ENSG00000273108	50.2443885	-1.14490738	0.3659385	0.0001565	0.00113818	
NA	ENSG00000273110	0	NA	NA	NA	NA	
147719	ENSG00000273111	0	NA	NA	NA	NA	LYPD4
NA	ENSG00000273112	0	NA	NA	NA	NA	
NA	ENSG00000273113	2.68478571	-0.01637514	0.37184912	0.86526396	0.94028794	
NA	ENSG00000273115	0	NA	NA	NA	NA	
NA	ENSG00000273117	88.9819447	-0.01594236	0.20520197	0.92554382	0.96901263	INSIG1-DT
NA	ENSG00000273118	0	NA	NA	NA	NA	
NA	ENSG00000273119	0	NA	NA	NA	NA	
NA	ENSG00000273123	0.68237702	0.04061125	0.38717467	0.35747339	NA	
NA	ENSG00000273124	0	NA	NA	NA	NA	
101929607	ENSG00000273125	0.55226451	0.03291112	0.38623594	0.45181855	NA	LINC01990
NA	ENSG00000273129	0	NA	NA	NA	NA	PACERR
NA	ENSG00000273132	0	NA	NA	NA	NA	
NA	ENSG00000273133	0.36298846	0.023895	0.38539244	0.60994977	NA	
101060684	ENSG00000273136	343.78244	-0.07217374	0.12729428	0.54696309	0.75411728	NBPF26
NA	ENSG00000273137	18.7872964	0.21979328	0.36764854	0.27046552	0.49374646	
NA	ENSG00000273138	1.9370492	0.05695687	0.38060701	0.51259533	NA	
NA	ENSG00000273139	1.11797581	0.0491569	0.38630505	0.332334	NA	
NA	ENSG00000273141	0.50841583	0.01477599	0.38308761	0.74590412	NA	
NA	ENSG00000273142	297.084622	0.19889677	0.17565816	0.20322837	0.40930371	LINC02604
NA	ENSG00000273143	2.08047128	0.02690827	0.38146572	0.65897877	NA	DUSP5-DT
NA	ENSG00000273145	12.5063985	-0.01396069	0.33220116	0.93176445	0.9715756	
NA	ENSG00000273148	10.7795054	0.08440044	0.34650264	0.61264818	0.80056246	LINC00653
NA	ENSG00000273149	1.46390003	-0.05047363	0.38397403	0.45013818	NA	
NA	ENSG00000273151	261.019783	0.21960036	0.15539532	0.1216678	0.28819117	
NA	ENSG00000273153	0	NA	NA	NA	NA	
NA	ENSG00000273154	352.8693	0.20035746	0.13633148	0.11501886	0.27640192	
NA	ENSG00000273155	3.97249625	-0.00137538	0.37586991	0.98353097	0.99435663	
NA	ENSG00000273156	13.587068	-0.01123372	0.33301653	0.94442636	0.97733251	
NA	ENSG00000273160	0.31846409	0.00139471	0.38336876	0.96371555	NA	

NA	ENSG00000273162	18.1078045	-0.03800323	0.32506986	0.82714121	0.92186288	
NA	ENSG00000273165	1.0735089	0.07602588	0.39411779	0.1442128	NA	
NA	ENSG00000273167	2.72493025	-0.04154914	0.38109004	0.56822882	0.76919502	
NA	ENSG00000273171	0	NA	NA	NA	NA	
NA	ENSG00000273172	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02091
8926	ENSG00000273173	59.6325703	-0.58401369	0.33688631	0.01798228	0.06689825	SNURF
NA	ENSG00000273174	1.41735518	0.0229786	0.38085275	0.7100029	NA	
NA	ENSG00000273175	0.84833329	0.00871022	0.38216892	0.85175958	NA	
NA	ENSG00000273176	0	NA	NA	NA	NA	
NA	ENSG00000273177	0	NA	NA	NA	NA	
NA	ENSG00000273179	1.03820031	0.04817237	0.38631521	0.35473948	NA	
NA	ENSG00000273180	0	NA	NA	NA	NA	
NA	ENSG00000273181	1.50576572	0.00040359	0.37808868	0.99645464	NA	
NA	ENSG00000273183	5.41687497	0.10890338	0.38475909	0.37200818	0.60104858	
NA	ENSG00000273184	17.5671196	0.25824019	0.40766749	0.19352088	0.39626941	
NA	ENSG00000273186	4.02803566	-0.00282407	0.36427388	0.97896903	0.99288138	
NA	ENSG00000273188	9.52785827	-0.05448737	0.34673561	0.727228	0.86953012	
NA	ENSG00000273189	10.4366192	0.02428034	0.34345567	0.87867695	0.94627867	
NA	ENSG00000273192	79.0063119	-0.01592314	0.24752136	0.92981663	0.97064482	
NA	ENSG00000273196	0	NA	NA	NA	NA	
NA	ENSG00000273198	0	NA	NA	NA	NA	
NA	ENSG00000273199	3.0311861	0.04775274	0.37876872	0.58601296	0.7817695	
NA	ENSG00000273203	0	NA	NA	NA	NA	
NA	ENSG00000273204	8.11283216	0.01856497	0.34867769	0.90239021	0.95713489	
NA	ENSG00000273209	1.21899515	0.01852344	0.38007489	0.7726523	NA	
NA	ENSG00000273210	0.62245556	-0.04504729	0.38756459	0.37437136	NA	
NA	ENSG00000273211	0	NA	NA	NA	NA	
NA	ENSG00000273212	2.43394888	-0.05133668	0.37680174	0.5926574	NA	
440686	ENSG00000273213	691.850872	-0.2505302	0.13846636	0.05130463	0.15201373	H3-2
NA	ENSG00000273214	0	NA	NA	NA	NA	
NA	ENSG00000273216	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000273217	0	NA	NA	NA	NA	
NA	ENSG00000273218	8.9497846	-0.0469109	0.34768063	0.7596151	0.88850157	
NA	ENSG00000273219	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000273221	0	NA	NA	NA	NA	
NA	ENSG00000273225	0	NA	NA	NA	NA	FAM25BP
NA	ENSG00000273226	15.1548602	-0.95607176	0.85539752	0.01297963	0.05137984	
NA	ENSG00000273228	0	NA	NA	NA	NA	OR5BQ1P

	NA	ENSG00000273230	174.480994	-0.04148043	0.18176603	0.79459284	0.90579008	
	NA	ENSG00000273232	0	NA	NA	NA	NA	
	NA	ENSG00000273233	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000273234	0	NA	NA	NA	NA	OR2A13P
112441426	NA	ENSG00000273238	0	NA	NA	NA	NA	TMEM271
	NA	ENSG00000273240	1.67486072	-0.01406913	0.37570972	0.86462934	NA	
	NA	ENSG00000273243	2.70656588	-0.10073345	0.3898788	0.31479958	0.54253159	
	NA	ENSG00000273244	0	NA	NA	NA	NA	
	NA	ENSG00000273245	0.69327898	0.02697194	0.38368185	0.57355129	NA	
	NA	ENSG00000273247	77.5080155	0.02280609	0.25320627	0.90659385	0.95939951	RAB33B-AS1
	NA	ENSG00000273248	0.47250978	-0.02839964	0.38580503	0.54357767	NA	
	NA	ENSG00000273249	2.56658324	0.00213144	0.37357709	0.98279132	0.99428951	WDR5-DT
	NA	ENSG00000273252	0	NA	NA	NA	NA	OR7E39P
	NA	ENSG00000273253	36.0458173	0.04827621	0.27444188	0.80447527	0.91118482	
	NA	ENSG00000273254	3.55442584	-0.02185626	0.37302589	0.81661876	0.9166503	
	NA	ENSG00000273255	0	NA	NA	NA	NA	OR5BP1P
	NA	ENSG00000273257	0.73237123	0.0016194	0.38231429	0.98454636	NA	
	NA	ENSG00000273258	0	NA	NA	NA	NA	
	NA	ENSG00000273259	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000273261	6.65442316	0.06382095	0.35933143	0.65566891	0.82872301	
	NA	ENSG00000273262	1.00415192	0.04322574	0.38779947	0.2717111	NA	
	NA	ENSG00000273264	0	NA	NA	NA	NA	
100506036	NA	ENSG00000273265	1.18631879	0.02484254	0.37880756	0.73484574	NA	CNNM3-DT
	NA	ENSG00000273267	0	NA	NA	NA	NA	
	NA	ENSG00000273269	0	NA	NA	NA	NA	
	NA	ENSG00000273270	298.765906	0.08818837	0.14453006	0.51117855	0.72640667	
	NA	ENSG00000273271	12.3704297	0.08586769	0.33905329	0.62141232	0.80672374	
	NA	ENSG00000273272	0.36299781	0.02389507	0.38539245	0.60994514	NA	
728116	NA	ENSG00000273274	238.055755	0.19627549	0.15557537	0.16697382	0.35786546	ZBTB8B
	NA	ENSG00000273275	40.7529106	-0.04240736	0.37789781	0.62133776	0.80672374	
	NA	ENSG00000273284	6.15791364	-0.33709994	0.57206296	0.04268053	0.1320147	
	NA	ENSG00000273287	0.51306686	-0.00993385	0.38277317	0.81940099	NA	
	NA	ENSG00000273289	0.37844916	0.02407552	0.3854191	0.60038877	NA	
	NA	ENSG00000273291	0.77530575	0.04492505	0.38782832	0.30817868	NA	
	NA	ENSG00000273293	0.48996948	0.01329378	0.38302935	0.76945177	NA	
	NA	ENSG00000273294	112.138778	0.19446954	0.21367729	0.27721718	0.50164071	C1QTNF3-AMACR
	NA	ENSG00000273295	103.818234	0.29222659	0.22139029	0.11250507	0.27167728	
105375519	NA	ENSG00000273297	148.113978	-0.35855684	0.2211749	0.05225007	0.15402903	

NA	ENSG00000273299	0.49136829	0.01450547	0.38311666	0.75411907	NA	
NA	ENSG00000273300	2.2775773	0.00831359	0.37958242	0.8985308	NA	
NA	ENSG00000273301	112.324805	-0.10067829	0.20493007	0.56104779	0.7645572	
NA	ENSG00000273302	11.181024	-0.09088754	0.35006321	0.57751164	0.77590783	
NA	ENSG00000273305	2.44108653	-0.02049251	0.3747374	0.81596471	NA	
NA	ENSG00000273306	19.0836803	0.09031453	0.31654091	0.63190324	0.81371846	
NA	ENSG00000273308	6.99468637	-0.01041078	0.35282279	0.93924436	0.97474024	
25786	ENSG00000273311	22.2509701	0.03330579	0.3071041	0.85916774	0.9373598	DGCR11
NA	ENSG00000273312	6.4689875	3.36235316	1.41164058	0.00127655	0.00729491	
NA	ENSG00000273313	8.91093243	-0.09846031	0.35705453	0.53420466	0.74539459	RBAKDN
NA	ENSG00000273314	93.3002908	-0.01100638	0.20698458	0.94839517	0.97876335	
NA	ENSG00000273319	0.36290964	0.02389445	0.38539235	0.6099888	NA	
NA	ENSG00000273320	4.08451115	-0.03892196	0.36557884	0.74649018	0.8807279	
NA	ENSG00000273321	0.62297018	-0.01917206	0.38301901	0.68805772	NA	
NA	ENSG00000273325	1.78895943	-0.05078052	0.38097495	0.52693221	NA	
NA	ENSG00000273327	0.34049423	-0.00028011	0.38336247	0.96790782	NA	OR6L2P
NA	ENSG00000273328	2.71014592	0.08384097	0.38617539	0.37133839	0.60057374	
NA	ENSG00000273329	266.153566	0.47502432	0.14970047	0.00061093	0.00384424	
NA	ENSG00000273330	0	NA	NA	NA	NA	CYP4F36P
NA	ENSG00000273331	0	NA	NA	NA	NA	M4SF19-DYNLT2B
NA	ENSG00000273333	0	NA	NA	NA	NA	
NA	ENSG00000273335	0	NA	NA	NA	NA	
NA	ENSG00000273336	0.51320642	-0.01009698	0.38327553	0.81997864	NA	OR7M1P
NA	ENSG00000273338	1.97047759	0.14209317	0.42107893	0.02540943	NA	
NA	ENSG00000273340	0	NA	NA	NA	NA	MICE
NA	ENSG00000273341	0.32240824	-0.02325355	0.38531859	0.66965487	NA	
NA	ENSG00000273342	0.85194666	0.01721239	0.38195429	0.74013619	NA	
NA	ENSG00000273343	6.73097478	-0.30133852	0.50958145	0.07507445	0.20158032	
202781	ENSG00000273344	132.913905	0.11744523	0.1807007	0.46229145	0.6851832	PAXIP1-DT
NA	ENSG00000273345	9.99455711	0.05878832	0.34656957	0.7120217	0.86159535	
NA	ENSG00000273348	0	NA	NA	NA	NA	
NA	ENSG00000273350	1.26204712	-0.03129963	0.38242734	0.58998026	NA	
NA	ENSG00000273353	0.63781295	-0.01731702	0.3828002	0.69755348	NA	
NA	ENSG00000273355	3.46107717	0.03155084	0.36872496	0.77831141	0.89847614	
NA	ENSG00000273356	9.26630595	1.51375723	1.00714266	0.00450885	0.02133899	LINC02019
NA	ENSG00000273360	0	NA	NA	NA	NA	
NA	ENSG00000273361	2.84411219	0.0385761	0.37555074	0.68040602	0.84380894	
NA	ENSG00000273362	6.59845158	0.04873244	0.3581873	0.72825245	0.87007881	

NA	ENSG00000273363	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273365	0.8822784	0.0491118	0.38594165	0.38174434	NA	
NA	ENSG00000273367	7.86058265	-0.26965111	0.47568969	0.09978604	0.2488914	
NA	ENSG00000273368	0	NA	NA	NA	NA	
NA	ENSG00000273369	6.55371053	-0.13430743	0.38228195	0.3556922	0.58599659	
NA	ENSG00000273370	0	NA	NA	NA	NA	
NA	ENSG00000273372	2.7944773	0.15498157	0.4186469	0.11660909	0.27930996	SFTPD-AS1
NA	ENSG00000273373	70.9673821	-0.0411265	0.25135751	0.8278457	0.92210075	
NA	ENSG00000273374	8.06973347	-0.11112643	0.37486207	0.42969861	0.6553325	
NA	ENSG00000273375	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000273377	0	NA	NA	NA	NA	OR2Q1P
NA	ENSG00000273381	5.964334	0.02946192	0.36212394	0.81735179	0.91683043	
NA	ENSG00000273382	29.1595445	-0.10088699	0.30098686	0.60120686	0.79187494	TMEM167B-DT
NA	ENSG00000273384	1.19296341	0.01937686	0.38004309	0.76463233	NA	
NA	ENSG00000273387	14.0133615	-0.23544255	0.39232246	0.22625631	0.44057103	
NA	ENSG00000273388	2.52309057	0.04197342	0.37789016	0.629741	NA	
NA	ENSG00000273391	6.96729044	0.03032878	0.3581442	0.82380183	0.91986742	
NA	ENSG00000273394	0.16735865	0.01897177	0.38482933	0.78225479	NA	
103695434	ENSG00000273396	2.80809465	0.03837741	0.37749954	0.65801186	0.83031782	LINC01396
NA	ENSG00000273398	56.3337038	0.04359553	0.29231584	0.82172782	0.91847813	
NA	ENSG00000273399	1.22568669	-0.0673182	0.38897029	0.2729977	NA	
NA	ENSG00000273402	5.27002365	-0.00266205	0.36490575	0.9794265	0.99317507	
NA	ENSG00000273403	1.5588933	-0.06399782	0.38643232	0.36392227	NA	
NA	ENSG00000273406	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273407	0	NA	NA	NA	NA	
NA	ENSG00000273408	0	NA	NA	NA	NA	OR5B15P
101929497	ENSG00000273409	0.33471731	0.02354391	0.38534154	0.62842204	NA	LINC02712
NA	ENSG00000273413	0	NA	NA	NA	NA	
NA	ENSG00000273415	1.36127629	0.04460079	0.38314288	0.49319603	NA	LINC02725
NA	ENSG00000273416	1.86151439	0.04653283	0.37991511	0.56990853	NA	
NA	ENSG00000273419	47.3576924	0.39839066	0.34957372	0.08753269	0.22594959	
NA	ENSG00000273420	7.20041158	-0.03044746	0.38668766	0.11258087	0.27178103	
NA	ENSG00000273423	0	NA	NA	NA	NA	OR13IIP
NA	ENSG00000273424	0.32251227	-0.02325439	0.38531872	0.66959469	NA	
NA	ENSG00000273428	9.26049486	0.11267858	0.36381778	0.4760779	0.69810684	
NA	ENSG00000273432	47.8377139	0.72637044	0.35240391	0.00616031	0.02770185	
NA	ENSG00000273433	0	NA	NA	NA	NA	
NA	ENSG00000273434	0	NA	NA	NA	NA	OR8S21P

NA	ENSG00000273437	0.64833426	-0.04641449	0.3877699	0.35932432	NA	
NA	ENSG00000273442	0	NA	NA	NA	NA	
NA	ENSG00000273443	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000273444	0	NA	NA	NA	NA	
NA	ENSG00000273445	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000273447	10.5859396	0.16531878	0.38068746	0.32427549	0.55216104	
NA	ENSG00000273448	33.1771327	0.03129024	0.28654752	0.87189488	0.94401928	
NA	ENSG00000273449	14.6220952	0.02872798	0.32502659	0.87180688	0.94401928	
NA	ENSG00000273450	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000273451	0.68552688	0.0032603	0.38127879	0.94902697	NA	
NA	ENSG00000273454	0.31813092	0.00107704	0.38336622	0.96675748	NA	
NA	ENSG00000273455	0.32257539	-0.0232549	0.3853188	0.66955818	NA	
NA	ENSG00000273456	13.8516545	0.00757901	0.33173219	0.96644789	0.98704448	
NA	ENSG00000273461	0	NA	NA	NA	NA	
NA	ENSG00000273464	1.4292285	-0.02416512	0.37996274	0.719505	NA	
NA	ENSG00000273471	0	NA	NA	NA	NA	
NA	ENSG00000273472	31.6099179	-0.06114867	0.28410573	0.7501326	0.88245661	
NA	ENSG00000273473	1.89856324	0.0785093	0.38792523	0.33574004	NA	
NA	ENSG00000273474	0.36324572	0.02389681	0.38539272	0.60982254	NA	
NA	ENSG00000273476	0.48416117	-0.00604647	0.38313776	0.873672	NA	
NA	ENSG00000273481	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000273483	2.97036638	0.01689339	0.36971308	0.8734419	0.94441388	
NA	ENSG00000273484	0	NA	NA	NA	NA	OR6R2P
NA	ENSG00000273485	1.01752141	0.00610693	0.38164515	0.90333485	NA	
NA	ENSG00000273486	19.9061676	0.20572794	0.34904908	0.30659659	0.53422766	
NA	ENSG00000273487	0.69200296	0.006362	0.38192389	0.89342941	NA	
NA	ENSG00000273489	22.0470706	0.06980336	0.32890481	0.6963613	0.85340714	
NA	ENSG00000273492	46.9217237	-0.99226688	0.36169465	0.00063245	0.00395828	APP-DT
NA	ENSG00000273493	0	NA	NA	NA	NA	
NA	ENSG00000273497	0	NA	NA	NA	NA	
NA	ENSG00000273499	0	NA	NA	NA	NA	
102465137	ENSG00000273500	0	NA	NA	NA	NA	MIR6129
NA	ENSG00000273507	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000273509	0	NA	NA	NA	NA	CNTNAP3P1
NA	ENSG00000273512	1.0225731	0.05709178	0.38721029	0.32058587	NA	
101060351	ENSG00000273513	0	NA	NA	NA	NA	TBC1D3K
102723859	ENSG00000273513	0	NA	NA	NA	NA	TBC1D3K
653404	ENSG00000273514	3.39522362	0.01943413	0.37206037	0.84504607	0.92965052	FOX4L6

NA	ENSG00000273515	0	NA	NA	NA	NA	
NA	ENSG00000273516	0	NA	NA	NA	NA	
643862	ENSG00000273520	5.98296126	0.07433916	0.37981945	0.47719989	0.69909912	SPDYE8
728524	ENSG00000273520	5.98296126	0.07433916	0.37981945	0.47719989	0.69909912	SPDYE8
NA	ENSG00000273521	18.454209	0.06421406	0.31850007	0.72790686	0.86992552	
101929657	ENSG00000273523	1.62347141	-0.01112676	0.3782708	0.87488563	NA	
NA	ENSG00000273524	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000273536	0	NA	NA	NA	NA	
NA	ENSG00000273537	0	NA	NA	NA	NA	
123624	ENSG00000273540	9.87668783	0.23558476	0.44471516	0.13242864	0.30558086	AGBL1
NA	ENSG00000273541	6.03140125	-0.14172658	0.40621669	0.19376512	0.39664672	
8362	ENSG00000273542	26.8374456	-0.01074375	0.38335063	NA	NA	H4C12
677825	ENSG00000273544	0	NA	NA	NA	NA	SNORA44
NA	ENSG00000273549	0	NA	NA	NA	NA	
NA	ENSG00000273550	0	NA	NA	NA	NA	
NA	ENSG00000273551	0	NA	NA	NA	NA	
NA	ENSG00000273552	0.48506202	0.01079663	0.38337133	0.7925782	NA	
NA	ENSG00000273553	0	NA	NA	NA	NA	
102465487	ENSG00000273555	0	NA	NA	NA	NA	MIR6812
NA	ENSG00000273557	0	NA	NA	NA	NA	
NA	ENSG00000273558	5.24687024	-0.05651077	0.37158141	0.61950367	0.80561992	
54883	ENSG00000273559	409.359026	0.29908708	0.12555545	0.01148658	0.04651844	CWC25
NA	ENSG00000273565	0.71016046	0.02861205	0.38385852	0.55375428	NA	
NA	ENSG00000273566	0	NA	NA	NA	NA	
NA	ENSG00000273567	0	NA	NA	NA	NA	REXO1L3P
NA	ENSG00000273568	3.09913912	0.1686786	0.42661739	0.09710519	0.24374582	
NA	ENSG00000273569	0	NA	NA	NA	NA	
NA	ENSG00000273570	0	NA	NA	NA	NA	
NA	ENSG00000273571	0	NA	NA	NA	NA	
NA	ENSG00000273573	0	NA	NA	NA	NA	
NA	ENSG00000273576	27.4544177	0.31548654	0.35981266	0.15658625	0.34316665	
NA	ENSG00000273580	0	NA	NA	NA	NA	
NA	ENSG00000273582	0	NA	NA	NA	NA	
NA	ENSG00000273584	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273586	0	NA	NA	NA	NA	OR10G1P
677844	ENSG00000273587	0	NA	NA	NA	NA	SNORA78
NA	ENSG00000273589	0	NA	NA	NA	NA	
102723553	ENSG00000273590	110.718688	-0.06104986	0.38324703	0.44783845	0.67179153	SMIM11B

102465695	ENSG00000273593	0	NA	NA	NA	NA	MIR7160
NA	ENSG00000273595	0	NA	NA	NA	NA	
NA	ENSG00000273596	0	NA	NA	NA	NA	
NA	ENSG00000273597	1.78573937	0.03078507	0.38077428	0.64826877	NA	
NA	ENSG00000273598	15.5095578	0.19231756	0.37498498	0.30033886	0.52746065	
NA	ENSG00000273599	137.828804	0.42532084	0.22212582	0.02318916	0.08202407	
NA	ENSG00000273600	0	NA	NA	NA	NA	
100170841	ENSG00000273604	601.918951	0.07387528	0.1135442	0.49635155	0.714811	EPOP
102465465	ENSG00000273606	0	NA	NA	NA	NA	MIR6776
NA	ENSG00000273609	0	NA	NA	NA	NA	
NA	ENSG00000273610	0	NA	NA	NA	NA	RN7SL386P
9326	ENSG00000273611	465.786635	-0.06778746	0.1111421	0.52319093	0.73618679	ZNHIT3
NA	ENSG00000273612	0	NA	NA	NA	NA	
NA	ENSG00000273614	0	NA	NA	NA	NA	
NA	ENSG00000273618	5.52130672	0.01200868	0.35816412	0.92934662	0.97049075	
NA	ENSG00000273619	51.195664	-0.10561759	0.25950864	0.58443174	0.78060629	
NA	ENSG00000273621	0	NA	NA	NA	NA	
NA	ENSG00000273623	0	NA	NA	NA	NA	
100616153	ENSG00000273627	0	NA	NA	NA	NA	MIR4726
NA	ENSG00000273628	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000273629	0	NA	NA	NA	NA	
NA	ENSG00000273634	0	NA	NA	NA	NA	
NA	ENSG00000273637	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
NA	ENSG00000273639	4.62898641	0.11103104	0.3833754	0.37810423	0.60702282	
NA	ENSG00000273640	0	NA	NA	NA	NA	WBP1LP8
NA	ENSG00000273643	0	NA	NA	NA	NA	PPP1R26P2
NA	ENSG00000273644	0	NA	NA	NA	NA	
102465867	ENSG00000273648	0	NA	NA	NA	NA	MIR8065
NA	ENSG00000273650	0.31696544	0.00135306	0.38336844	0.96488897	NA	
NA	ENSG00000273654	5.52372768	0.13901379	0.38874064	0.32087086	0.54869068	
102465475	ENSG00000273657	0	NA	NA	NA	NA	MIR6792
NA	ENSG00000273658	0	NA	NA	NA	NA	
NA	ENSG00000273659	0	NA	NA	NA	NA	
NA	ENSG00000273664	0	NA	NA	NA	NA	
NA	ENSG00000273668	0	NA	NA	NA	NA	
NA	ENSG00000273669	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000273674	6.10159018	-0.19044613	0.42136295	0.1653882	0.35542698	
NA	ENSG00000273675	0	NA	NA	NA	NA	

NA	ENSG00000273677	0	NA	NA	NA	NA	
NA	ENSG00000273679	0	NA	NA	NA	NA	
NA	ENSG00000273680	2.33240757	-0.09636727	0.39139437	0.28847912	NA	
NA	ENSG00000273682	0	NA	NA	NA	NA	
NA	ENSG00000273687	1.2414287	0.04467263	0.38354185	0.48025505	NA	
NA	ENSG00000273691	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000273692	0	NA	NA	NA	NA	LONRF2P5
NA	ENSG00000273693	2.00049288	0.01116044	0.37383483	0.90252001	NA	CDRT15P10
NA	ENSG00000273694	0	NA	NA	NA	NA	
101060211	ENSG00000273696	0	NA	NA	NA	NA	CT45A7
NA	ENSG00000273698	0	NA	NA	NA	NA	MRPL57P1
102465455	ENSG00000273700	0	NA	NA	NA	NA	MIR6760
NA	ENSG00000273701	0	NA	NA	NA	NA	
NA	ENSG00000273702	34.0548247	-0.17417736	0.29319767	0.38750473	0.61647774	
8342	ENSG00000273703	2.03133258	-0.13321738	0.4122872	0.0820654	NA	H2BC14
NA	ENSG00000273704	0	NA	NA	NA	NA	
3975	ENSG00000273706	3.04225477	-0.07049332	0.38725298	0.23784244	0.45521841	LHX1
NA	ENSG00000273710	0	NA	NA	NA	NA	
NA	ENSG00000273711	13.0053431	0.02696293	0.33185168	0.87533611	0.94499851	
NA	ENSG00000273712	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273716	0	NA	NA	NA	NA	
NA	ENSG00000273719	0	NA	NA	NA	NA	
NA	ENSG00000273720	0	NA	NA	NA	NA	
NA	ENSG00000273721	0	NA	NA	NA	NA	
116435302	ENSG00000273723	8.36318104	0.1157054	0.37125449	0.43959353	0.66481822	SUGT1-DT
NA	ENSG00000273724	0	NA	NA	NA	NA	
NA	ENSG00000273725	0	NA	NA	NA	NA	
NA	ENSG00000273727	0	NA	NA	NA	NA	
NA	ENSG00000273729	38.8080935	-0.12100208	0.28366909	0.53775555	0.74776213	
NA	ENSG00000273731	0	NA	NA	NA	NA	
NA	ENSG00000273732	0	NA	NA	NA	NA	VN1R74P
NA	ENSG00000273733	1.71336891	0.03979853	0.37963239	0.61206071	NA	
NA	ENSG00000273734	0	NA	NA	NA	NA	
NA	ENSG00000273736	0	NA	NA	NA	NA	
102466103	ENSG00000273742	0	NA	NA	NA	NA	MIR6075
NA	ENSG00000273744	0	NA	NA	NA	NA	
102465525	ENSG00000273745	0	NA	NA	NA	NA	MIR6870
NA	ENSG00000273746	0	NA	NA	NA	NA	

NA	ENSG00000273747	4.34369444	-0.11187502	0.38394261	0.37131401	0.60057374	
23191	ENSG00000273749	3197.28941	0.06601874	0.07130045	0.34641671	0.57719207	CYFIP1
NA	ENSG00000273750	0	NA	NA	NA	NA	
102723623	ENSG00000273756	0	NA	NA	NA	NA	
102465473	ENSG00000273758	0	NA	NA	NA	NA	MIR6790
NA	ENSG00000273759	9.31787736	0.0706021	0.35390581	0.64574246	0.82359463	
NA	ENSG00000273760	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273762	0	NA	NA	NA	NA	VN1R76P
NA	ENSG00000273763	22.4640765	-0.08677268	0.31492646	0.64292058	0.82150733	
NA	ENSG00000273765	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273767	0	NA	NA	NA	NA	
100996465	ENSG00000273769	0	NA	NA	NA	NA	
NA	ENSG00000273771	0	NA	NA	NA	NA	
NA	ENSG00000273773	0	NA	NA	NA	NA	
102465134	ENSG00000273776	0	NA	NA	NA	NA	MIR6126
125931	ENSG00000273777	0	NA	NA	NA	NA	CEACAM20
102465458	ENSG00000273778	0	NA	NA	NA	NA	MIR6765
NA	ENSG00000273782	0	NA	NA	NA	NA	
NA	ENSG00000273783	12.5002621	-0.16050067	0.37036663	0.35555099	0.58594	
NA	ENSG00000273784	258.99396	0.20933872	0.16382417	0.15739803	0.34418351	
NA	ENSG00000273786	1.68927961	0.01616289	0.37698759	0.83773501	NA	
NA	ENSG00000273788	0	NA	NA	NA	NA	
NA	ENSG00000273791	0.35629283	0.02381426	0.38538062	0.61421315	NA	
NA	ENSG00000273792	0.51383522	-0.01018715	0.38327958	0.81858748	NA	
NA	ENSG00000273796	2.37135717	-0.01497825	0.37242351	0.8737515	NA	
NA	ENSG00000273797	0	NA	NA	NA	NA	
NA	ENSG00000273800	0	NA	NA	NA	NA	
8339	ENSG00000273802	64.190943	-0.61862246	0.31262349	0.00998839	0.04143207	H2BC8
NA	ENSG00000273805	3.00594884	0.13395441	0.40869191	0.14066872	0.318644	
NA	ENSG00000273806	0	NA	NA	NA	NA	
NA	ENSG00000273812	0	NA	NA	NA	NA	
NA	ENSG00000273813	0	NA	NA	NA	NA	
NA	ENSG00000273816	0	NA	NA	NA	NA	
NA	ENSG00000273818	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RN7SL673P
NA	ENSG00000273819	0	NA	NA	NA	NA	ENPP7P7
389856	ENSG00000273820	92.4276602	-0.28295076	0.22845135	0.13046712	0.30263856	USP27X
NA	ENSG00000273821	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000273824	0	NA	NA	NA	NA	

NA	ENSG00000273825	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000273828	36.8847272	-0.00228197	0.27611831	0.98877407	0.99604194	
NA	ENSG00000273829	0	NA	NA	NA	NA	
102465832	ENSG00000273830	0	NA	NA	NA	NA	MIR7843
100033450	ENSG00000273835	0	NA	NA	NA	NA	SNORD115-13
102465507	ENSG00000273836	0	NA	NA	NA	NA	MIR6842
NA	ENSG00000273837	0	NA	NA	NA	NA	
NA	ENSG00000273838	0	NA	NA	NA	NA	
NA	ENSG00000273840	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
6880	ENSG00000273841	737.451964	-0.52680456	0.10030306	5.36E-08	7.34E-07	TAF9
NA	ENSG00000273844	0	NA	NA	NA	NA	
NA	ENSG00000273846	0	NA	NA	NA	NA	
NA	ENSG00000273849	0	NA	NA	NA	NA	SDR42E1P4
NA	ENSG00000273851	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000273853	0	NA	NA	NA	NA	
NA	ENSG00000273855	1.35956203	0.008325	0.38101472	0.88092178	NA	
NA	ENSG00000273858	0	NA	NA	NA	NA	
NA	ENSG00000273860	0	NA	NA	NA	NA	
NA	ENSG00000273863	0	NA	NA	NA	NA	
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NA	ENSG00000273870	0	NA	NA	NA	NA	
NA	ENSG00000273872	0	NA	NA	NA	NA	SLC25A15P4
NA	ENSG00000273876	0	NA	NA	NA	NA	
105373373	ENSG00000273877	0	NA	NA	NA	NA	
102465868	ENSG00000273882	0	NA	NA	NA	NA	MIR8066
NA	ENSG00000273885	0	NA	NA	NA	NA	
NA	ENSG00000273886	0	NA	NA	NA	NA	
145438	ENSG00000273888	17.9196197	0.19156661	0.35089271	0.33061358	0.55938713	FRMD6-AS1
NA	ENSG00000273890	1.6756175	0.03559906	0.37895226	0.6512946	NA	
NA	ENSG00000273891	27.3929183	0.00243736	0.29617504	0.99156721	0.9972471	
NA	ENSG00000273893	15.4684172	-0.11424828	0.34133889	0.52151771	0.73489677	
NA	ENSG00000273894	0	NA	NA	NA	NA	SLC20A1P2
NA	ENSG00000273897	11.2774062	0.34639675	0.54765595	0.06604461	0.18375052	PMS2P8
102466738	ENSG00000273898	0	NA	NA	NA	NA	MIR6798
79159	ENSG00000273899	373.031119	0.04617783	0.12131982	0.69038617	0.84996969	NOL12
NA	ENSG00000273900	0	NA	NA	NA	NA	
NA	ENSG00000273901	2.2283432	0.02170449	0.37561975	0.80140058	NA	
NA	ENSG00000273904	0	NA	NA	NA	NA	

	NA	ENSG00000273906	0	NA	NA	NA	NA	
	NA	ENSG00000273907	0.15069912	-0.01848503	0.38480575	0.84537521	NA	CA15P2
	NA	ENSG00000273908	0	NA	NA	NA	NA	
102466876		ENSG00000273912	0	NA	NA	NA	NA	MIR8068
	NA	ENSG00000273913	0	NA	NA	NA	NA	
	NA	ENSG00000273919	0	NA	NA	NA	NA	
	NA	ENSG00000273920	1.74128978	0.08998463	0.39274768	0.24508824	NA	
	NA	ENSG00000273923	0	NA	NA	NA	NA	
	NA	ENSG00000273925	0.34106966	0.02362622	0.38535335	0.62412716	NA	
102465528		ENSG00000273932	0	NA	NA	NA	NA	MIR6877
	NA	ENSG00000273933	0	NA	NA	NA	NA	
	NA	ENSG00000273942	0	NA	NA	NA	NA	
102466201		ENSG00000273945	0	NA	NA	NA	NA	MIR6853
	NA	ENSG00000273946	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RN7SL733P
	NA	ENSG00000273948	0.56520299	0.03352065	0.38630047	0.44328881	NA	
	NA	ENSG00000273950	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
	NA	ENSG00000273951	0.69340209	0.02771289	0.38378069	0.56529785	NA	
	NA	ENSG00000273956	0	NA	NA	NA	NA	
	NA	ENSG00000273957	0	NA	NA	NA	NA	
	NA	ENSG00000273958	1.13344109	-0.00278938	0.37951417	0.96463043	NA	
	NA	ENSG00000273961	0	NA	NA	NA	NA	
	NA	ENSG00000273962	0	NA	NA	NA	NA	IGKV2-40
	NA	ENSG00000273963	0	NA	NA	NA	NA	ENPP7P14
	NA	ENSG00000273964	0	NA	NA	NA	NA	
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	NA	ENSG00000273971	0	NA	NA	NA	NA	
	NA	ENSG00000273972	0	NA	NA	NA	NA	
	NA	ENSG00000273973	1.14846119	-0.00360765	0.37937502	0.95489675	NA	
	NA	ENSG00000273974	0	NA	NA	NA	NA	
	NA	ENSG00000273975	0	NA	NA	NA	NA	
283767		ENSG00000273976	0	NA	NA	NA	NA	GOLGA6L1
	NA	ENSG00000273978	0	NA	NA	NA	NA	
	NA	ENSG00000273979	0	NA	NA	NA	NA	
	NA	ENSG00000273980	1.35394521	0.04528064	0.38456293	0.44130171	NA	
	NA	ENSG00000273981	0	NA	NA	NA	NA	RN7SL106P
	NA	ENSG00000273982	0.37844916	0.02407552	0.3854191	0.60038877	NA	
8355		ENSG00000273983	16.5714545	-1.61490429	0.69238626	0.00102356	0.00602593	H3C8

NA	ENSG00000273986	0	NA	NA	NA	NA	
NA	ENSG00000273987	4.31681249	0.12106028	0.39267595	0.29698605	0.5236583	
NA	ENSG00000273988	0	NA	NA	NA	NA	
NA	ENSG00000273989	0.32358083	-0.02327105	0.38532104	0.66874861	NA	
NA	ENSG00000273994	0	NA	NA	NA	NA	SDR42E1P1
NA	ENSG00000273997	0	NA	NA	NA	NA	
NA	ENSG00000273998	5.17910338	-0.15924424	0.40946478	0.20025661	0.40533473	
NA	ENSG00000273999	0	NA	NA	NA	NA	RBM17P2
NA	ENSG00000274001	0.34182578	0.0029294	0.38339003	0.95971821	NA	
NA	ENSG00000274002	0.49271324	0.01203236	0.3834385	0.77470409	NA	
NA	ENSG00000274004	0	NA	NA	NA	NA	
NA	ENSG00000274006	0	NA	NA	NA	NA	
NA	ENSG00000274008	0	NA	NA	NA	NA	
NA	ENSG00000274010	1.57301788	0.06887645	0.38796502	0.32034787	NA	ZFP91P1
NA	ENSG00000274011	0.31824229	0.00119245	0.38336706	0.96565251	NA	
378706	ENSG00000274012	184.748731	-1.10937461	0.30732197	2.99E-05	0.00025716	RN7SL2
NA	ENSG00000274015	7.63575055	0.03587783	0.35128677	0.80974599	0.91359357	
NA	ENSG00000274017	0	NA	NA	NA	NA	
NA	ENSG00000274019	0	NA	NA	NA	NA	
NA	ENSG00000274020	3.13792669	0.01000605	0.36875565	0.92683389	0.96934024	LINC01138
NA	ENSG00000274021	76.8590139	0.56247886	0.2664051	0.00918479	0.0386728	
NA	ENSG00000274022	0	NA	NA	NA	NA	
NA	ENSG00000274023	0	NA	NA	NA	NA	
NA	ENSG00000274024	2.46415801	0.08058449	0.38894705	0.31619953	NA	
100131997	ENSG00000274026	81.113894	-0.36534713	0.24891368	0.06637511	0.18441146	FAM27E3
NA	ENSG00000274028	0	NA	NA	NA	NA	
NA	ENSG00000274029	0	NA	NA	NA	NA	
NA	ENSG00000274033	0	NA	NA	NA	NA	
102466741	ENSG00000274034	0	NA	NA	NA	NA	MIR6813
NA	ENSG00000274038	0	NA	NA	NA	NA	
729461	ENSG00000274044	0	NA	NA	NA	NA	FAM230J
NA	ENSG00000274049	4.13749043	-0.14965697	0.40788581	0.19564653	0.39926221	INO80B-WBP1
NA	ENSG00000274051	1.10731954	-0.02950199	0.38147934	0.63574007	NA	
NA	ENSG00000274052	0	NA	NA	NA	NA	OR7E156P
100616416	ENSG00000274054	0	NA	NA	NA	NA	MIR4727
NA	ENSG00000274055	0	NA	NA	NA	NA	
102465253	ENSG00000274056	0	NA	NA	NA	NA	MIR6507
NA	ENSG00000274059	0	NA	NA	NA	NA	RNA5SP534

	NA	ENSG00000274064	0.64763328	-0.03782306	0.38679898	0.40957271	NA	
102465257	NA	ENSG00000274066	0	NA	NA	NA	NA	MIR6514
	NA	ENSG00000274067	0	NA	NA	NA	NA	
729438	NA	ENSG00000274070	838.907419	-0.04603132	0.1050123	0.64760419	0.82430661	CASTOR2
	NA	ENSG00000274072	0	NA	NA	NA	NA	
	NA	ENSG00000274075	0	NA	NA	NA	NA	
	NA	ENSG00000274079	0	NA	NA	NA	NA	
	NA	ENSG00000274080	6.4808568	0.13690123	0.39665054	0.26926592	0.49229778	
	NA	ENSG00000274086	0	NA	NA	NA	NA	
	NA	ENSG00000274090	0	NA	NA	NA	NA	
	NA	ENSG00000274091	0	NA	NA	NA	NA	SNORD1C
	NA	ENSG00000274092	0	NA	NA	NA	NA	
	NA	ENSG00000274093	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000274097	0	NA	NA	NA	NA	RNA5SP535
	NA	ENSG00000274098	0.53180095	-0.00851321	0.38313237	0.82615413	NA	RN7SL787P
	NA	ENSG00000274099	4.30536661	0.07951418	0.37585819	0.50070666	0.71795498	ABCB10P1
390538	NA	ENSG00000274102	0	NA	NA	NA	NA	OR4M2
	NA	ENSG00000274104	7.87633461	0.10696165	0.36669687	0.47877829	0.70035842	
	NA	ENSG00000274105	8.29365824	-0.05487564	0.35156308	0.71439256	0.86242659	
102465466	NA	ENSG00000274111	0	NA	NA	NA	NA	MIR6777
	NA	ENSG00000274114	1.90153184	-0.10295627	0.39671564	0.20473829	NA	ALOX15P1
102466518	NA	ENSG00000274115	0	NA	NA	NA	NA	MIR6081
	NA	ENSG00000274116	0	NA	NA	NA	NA	
	NA	ENSG00000274118	0	NA	NA	NA	NA	
	NA	ENSG00000274121	0	NA	NA	NA	NA	
	NA	ENSG00000274124	1.61879989	-0.03599071	0.37972052	0.63101432	NA	
	NA	ENSG00000274127	0	NA	NA	NA	NA	
	NA	ENSG00000274128	0	NA	NA	NA	NA	
	NA	ENSG00000274133	0	NA	NA	NA	NA	
102466732	NA	ENSG00000274134	0	NA	NA	NA	NA	MIR6774
	NA	ENSG00000274135	0.56767373	0.02627943	0.38574813	0.49686938	NA	
	NA	ENSG00000274139	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000274149	0	NA	NA	NA	NA	
	NA	ENSG00000274150	0	NA	NA	NA	NA	FADS2B
	NA	ENSG00000274154	0	NA	NA	NA	NA	
	NA	ENSG00000274156	0.72610877	0.04264551	0.38746003	0.33477614	NA	
	NA	ENSG00000274157	0	NA	NA	NA	NA	
	NA	ENSG00000274159	0	NA	NA	NA	NA	

	NA	ENSG00000274162	0.15069912	-0.01848503	0.38480575	0.84537521	NA	SNX18P1Y
	NA	ENSG00000274164	0	NA	NA	NA	NA	RNA5SP439
	NA	ENSG00000274167	0	NA	NA	NA	NA	
	NA	ENSG00000274168	0	NA	NA	NA	NA	RN7SL585P
	NA	ENSG00000274170	0	NA	NA	NA	NA	
102465871	NA	ENSG00000274172	0	NA	NA	NA	NA	MIR8071-1
	NA	ENSG00000274173	0	NA	NA	NA	NA	
	NA	ENSG00000274177	0.69249601	-0.03077728	0.38619256	0.44510896	NA	
	NA	ENSG00000274178	0	NA	NA	NA	NA	PRAMEF28P
256302	NA	ENSG00000274180	393.68764	0.29651237	0.12528726	0.01206824	0.04848802	NATD1
	NA	ENSG00000274181	0	NA	NA	NA	NA	RBPJP2
474382	NA	ENSG00000274183	0	NA	NA	NA	NA	H2AB1
	NA	ENSG00000274184	15.1199358	0.01180132	0.32730628	0.94749858	0.97852939	
	NA	ENSG00000274186	0	NA	NA	NA	NA	RN7SL248P
	NA	ENSG00000274191	3.80061406	0.10245942	0.38392941	0.38291855	0.61227467	
	NA	ENSG00000274197	0	NA	NA	NA	NA	
	NA	ENSG00000274198	0	NA	NA	NA	NA	
	NA	ENSG00000274199	0	NA	NA	NA	NA	
	NA	ENSG00000274204	9.04951297	1.03286638	1.46810395	0.01242749	0.04959996	
	NA	ENSG00000274206	0	NA	NA	NA	NA	
195977	NA	ENSG00000274209	0	NA	NA	NA	NA	ANTXRL
	NA	ENSG00000274210	0	NA	NA	NA	NA	RNVU1-27
30837	NA	ENSG00000274211	1991.13596	0.13603071	0.07942594	0.079907	0.21107109	SOCS7
	NA	ENSG00000274212	0	NA	NA	NA	NA	
	NA	ENSG00000274213	2.48915487	0.03970746	0.37922403	0.62211235	NA	
	NA	ENSG00000274214	0	NA	NA	NA	NA	
	NA	ENSG00000274215	0	NA	NA	NA	NA	
	NA	ENSG00000274216	0	NA	NA	NA	NA	
	NA	ENSG00000274219	0	NA	NA	NA	NA	
	NA	ENSG00000274220	11.2116742	-0.03925134	0.3392831	0.8080457	0.9131433	
	NA	ENSG00000274225	2.06562126	0.12625418	0.40621313	0.14628579	NA	
729877	NA	ENSG00000274226	0	NA	NA	NA	NA	TBC1D3H
	NA	ENSG00000274227	14.1148458	0.03046819	0.32682403	0.86289139	0.93914999	
	NA	ENSG00000274228	0	NA	NA	NA	NA	RNA5SP414
	NA	ENSG00000274230	0	NA	NA	NA	NA	
	NA	ENSG00000274231	0	NA	NA	NA	NA	
	NA	ENSG00000274234	0	NA	NA	NA	NA	RN7SL818P
	NA	ENSG00000274235	0	NA	NA	NA	NA	

NA	ENSG00000274238	0	NA	NA	NA	NA	
NA	ENSG00000274242	0	NA	NA	NA	NA	
NA	ENSG00000274244	0	NA	NA	NA	NA	
NA	ENSG00000274248	7.29802353	0.00747034	0.35191861	0.96036736	0.98392401	
NA	ENSG00000274251	2.65073181	0.08968824	0.39380594	0.22239422	0.43535977	
728226	ENSG00000274252	1.45515111	0.06973456	0.39041261	0.21039724	NA	GGTLC3
283683	ENSG00000274253	140.710811	-0.49460517	0.249065	0.01506887	0.05791677	
NA	ENSG00000274256	0	NA	NA	NA	NA	
102465436	ENSG00000274258	0	NA	NA	NA	NA	MIR6728
NA	ENSG00000274259	4.41570455	0.06291086	0.37047487	0.60175731	0.79216856	SYNGAP1-AS1
NA	ENSG00000274261	0	NA	NA	NA	NA	
102465800	ENSG00000274263	0	NA	NA	NA	NA	MIR7702
NA	ENSG00000274265	77.6537499	-0.26137978	0.24838563	0.1813293	0.37869193	
NA	ENSG00000274266	0	NA	NA	NA	NA	SNORA73A
NA	ENSG00000274269	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000274270	19.038583	0.74683621	0.63743876	0.02094931	0.07555646	
NA	ENSG00000274272	117.079252	0.7506356	0.21812978	0.00010845	0.0008181	
645051	ENSG00000274274	0	NA	NA	NA	NA	GAGE13
NA	ENSG00000274275	0	NA	NA	NA	NA	
102724560	ENSG00000274276	2183.4699	-0.07370829	0.06995575	0.28340886	0.5085774	CBSL
NA	ENSG00000274279	0	NA	NA	NA	NA	SPATA31E3P
102464824	ENSG00000274280	0	NA	NA	NA	NA	MIR6069
NA	ENSG00000274281	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000274282	0	NA	NA	NA	NA	
151	ENSG00000274286	0.6807897	0.03096768	0.38354157	0.55084064	NA	ADRA2B
8344	ENSG00000274290	6.39813398	-0.04878947	0.36211129	0.70296687	0.85716076	H2BC6
NA	ENSG00000274292	204.491819	-0.03047629	0.16270532	0.83433279	0.9243819	
NA	ENSG00000274293	0	NA	NA	NA	NA	
NA	ENSG00000274294	0.87904907	0.0392975	0.38491726	0.43853969	NA	
NA	ENSG00000274295	0	NA	NA	NA	NA	
NA	ENSG00000274297	0.33747948	0.00158493	0.38337006	0.97331276	NA	
NA	ENSG00000274299	0	NA	NA	NA	NA	
102465521	ENSG00000274300	0	NA	NA	NA	NA	MIR6864
NA	ENSG00000274303	0	NA	NA	NA	NA	
100847074	ENSG00000274306	0	NA	NA	NA	NA	MIR5088
NA	ENSG00000274308	0	NA	NA	NA	NA	
NA	ENSG00000274309	0	NA	NA	NA	NA	SNORA71E
NA	ENSG00000274310	0	NA	NA	NA	NA	

NA	ENSG00000274312	0	NA	NA	NA	NA	
102466727	ENSG00000274314	0	NA	NA	NA	NA	MIR6749
NA	ENSG00000274315	1.04710907	-0.05792922	0.39013071	0.21701288	NA	
NA	ENSG00000274316	0	NA	NA	NA	NA	ZNF646P1
NA	ENSG00000274317	1.06230311	0.0031455	0.3802134	0.91164827	NA	LINC02334
NA	ENSG00000274319	0	NA	NA	NA	NA	RPSAP73
NA	ENSG00000274321	0	NA	NA	NA	NA	
NA	ENSG00000274322	5.50422483	0.11155011	0.37838126	0.41256169	0.64014381	
NA	ENSG00000274326	0	NA	NA	NA	NA	
NA	ENSG00000274328	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000274330	9.0606137	0.02675302	0.34731168	0.86184507	0.93871152	
NA	ENSG00000274331	0	NA	NA	NA	NA	
NA	ENSG00000274333	700.543649	-0.19073796	0.09294036	0.0340059	0.11087545	
NA	ENSG00000274340	3.29059127	-0.05388123	0.37220008	0.62590611	0.80978006	
NA	ENSG00000274341	0.62004808	-0.01521293	0.38330923	0.7230174	NA	
NA	ENSG00000274342	0	NA	NA	NA	NA	
NA	ENSG00000274343	0	NA	NA	NA	NA	
NA	ENSG00000274344	0	NA	NA	NA	NA	
NA	ENSG00000274346	0	NA	NA	NA	NA	
NA	ENSG00000274347	0	NA	NA	NA	NA	
26149	ENSG00000274349	151.185926	-0.1204322	0.1906353	0.46538842	0.68812835	ZNF658
NA	ENSG00000274350	0	NA	NA	NA	NA	RN7SL853P
NA	ENSG00000274351	0.32332512	-0.02326095	0.38531971	0.66912485	NA	
NA	ENSG00000274353	0	NA	NA	NA	NA	
NA	ENSG00000274354	0	NA	NA	NA	NA	
NA	ENSG00000274355	0	NA	NA	NA	NA	FAM74A3
NA	ENSG00000274356	0	NA	NA	NA	NA	
NA	ENSG00000274357	0	NA	NA	NA	NA	
NA	ENSG00000274363	1.15195234	-0.02754	0.38118361	0.65831178	NA	
NA	ENSG00000274364	0	NA	NA	NA	NA	
NA	ENSG00000274365	0	NA	NA	NA	NA	
NA	ENSG00000274367	0.66413053	0.00264273	0.38131556	0.95821429	NA	
NA	ENSG00000274369	0	NA	NA	NA	NA	GRAMD4P4
NA	ENSG00000274370	1.02847385	-0.02101201	0.3810477	0.72385348	NA	
NA	ENSG00000274372	2.85039666	0.02296955	0.37109383	0.82106351	0.91847813	LINC02804
NA	ENSG00000274373	0	NA	NA	NA	NA	
NA	ENSG00000274374	0	NA	NA	NA	NA	TUBAP6
NA	ENSG00000274376	1.75802723	0.0916447	0.39302013	0.24384267	NA	ADAMTS7P1

NA	ENSG00000274378	8.18991316	0.05520465	0.35308021	0.71306941	0.86187687	
NA	ENSG00000274379	0	NA	NA	NA	NA	
102466984	ENSG00000274380	0	NA	NA	NA	NA	MIR6801
NA	ENSG00000274381	0	NA	NA	NA	NA	
NA	ENSG00000274383	24.8237934	-0.13578038	0.31404714	0.48603654	0.70617338	
NA	ENSG00000274385	0	NA	NA	NA	NA	
100129924	ENSG00000274386	12.2144952	0.30205067	0.45894063	0.12639193	0.29584897	TMEM269
NA	ENSG00000274387	0	NA	NA	NA	NA	
102465533	ENSG00000274390	0	NA	NA	NA	NA	MIR6885
7179	ENSG00000274391	0	NA	NA	NA	NA	TPTE
NA	ENSG00000274396	0	NA	NA	NA	NA	
NA	ENSG00000274397	0	NA	NA	NA	NA	
NA	ENSG00000274398	0	NA	NA	NA	NA	
NA	ENSG00000274400	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000274403	6.42833948	-0.00073897	0.35498347	0.99365919	0.99798514	
NA	ENSG00000274408	0	NA	NA	NA	NA	RNA5SP536
NA	ENSG00000274409	0	NA	NA	NA	NA	
NA	ENSG00000274414	2.6412246	0.0528548	0.38128696	0.51532537	0.72968723	
NA	ENSG00000274415	0	NA	NA	NA	NA	
102466659	ENSG00000274417	0	NA	NA	NA	NA	MIR6515
101060389	ENSG00000274419	0	NA	NA	NA	NA	TBC1D3D
NA	ENSG00000274420	0	NA	NA	NA	NA	
NA	ENSG00000274421	0.30002044	-0.02294463	0.38527539	0.6864459	NA	
NA	ENSG00000274422	124.702077	-0.18136568	0.19352395	0.27814186	0.50258055	
NA	ENSG00000274423	0.84802004	0.04944339	0.38854554	0.27012619	NA	SEC22B2P
NA	ENSG00000274424	0.173733	0.01914545	0.38484597	0.78225479	NA	RN7SL196P
NA	ENSG00000274425	81.043578	0.06592285	0.24582431	0.72988163	0.87081915	
NA	ENSG00000274427	0.46731215	-0.00782407	0.38326614	0.86368266	NA	
NA	ENSG00000274428	0.15069912	-0.01848503	0.38480575	0.84537521	NA	RNVU1-25
NA	ENSG00000274430	0	NA	NA	NA	NA	
NA	ENSG00000274441	0	NA	NA	NA	NA	
100130301	ENSG00000274443	0	NA	NA	NA	NA	C8orf89
NA	ENSG00000274444	4.09572257	-0.06207174	0.36983618	0.60681959	0.79639829	
NA	ENSG00000274445	0	NA	NA	NA	NA	
NA	ENSG00000274446	0	NA	NA	NA	NA	
NA	ENSG00000274447	6.00438377	0.1555539	0.39934582	0.25819075	0.47950675	
NA	ENSG00000274450	0	NA	NA	NA	NA	
NA	ENSG00000274451	0	NA	NA	NA	NA	

NA	ENSG00000274452	0	NA	NA	NA	NA	
NA	ENSG00000274455	0.16735865	0.01897177	0.38482933	0.78225479	NA	GUSBP7
NA	ENSG00000274458	0	NA	NA	NA	NA	
NA	ENSG00000274459	0	NA	NA	NA	NA	
NA	ENSG00000274460	6.93224659	-0.13673042	0.38139262	0.35595497	0.58601111	
105378516	ENSG00000274461	8.68230919	0.16727683	0.39740639	0.2651586	0.48737693	
102466247	ENSG00000274466	0	NA	NA	NA	NA	MIR1273H
NA	ENSG00000274467	0	NA	NA	NA	NA	RNA5SP257
NA	ENSG00000274468	0	NA	NA	NA	NA	
NA	ENSG00000274469	0	NA	NA	NA	NA	LINC01746
100132101	ENSG00000274471	172.471392	0.17759861	0.16738486	0.23829383	0.45586245	
NA	ENSG00000274472	0	NA	NA	NA	NA	
NA	ENSG00000274475	0.76492998	-0.02877682	0.38367148	0.56506396	NA	RN7SL650P
NA	ENSG00000274478	0	NA	NA	NA	NA	
NA	ENSG00000274481	0	NA	NA	NA	NA	
NA	ENSG00000274486	0	NA	NA	NA	NA	
NA	ENSG00000274487	218.66069	0.33050411	0.15665911	0.0208314	0.07532259	NPEPPSP1
NA	ENSG00000274489	0	NA	NA	NA	NA	
NA	ENSG00000274491	0	NA	NA	NA	NA	
NA	ENSG00000274492	14.241961	-0.03385752	0.32574989	0.84497608	0.92965052	
NA	ENSG00000274493	0	NA	NA	NA	NA	MRPS17P5
102466745	ENSG00000274494	0	NA	NA	NA	NA	MIR6832
NA	ENSG00000274499	0	NA	NA	NA	NA	
NA	ENSG00000274500	0	NA	NA	NA	NA	
NA	ENSG00000274501	0	NA	NA	NA	NA	
NA	ENSG00000274502	0	NA	NA	NA	NA	ANKRD20A6P
NA	ENSG00000274503	0	NA	NA	NA	NA	
NA	ENSG00000274505	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000274507	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000274508	0	NA	NA	NA	NA	
NA	ENSG00000274510	0	NA	NA	NA	NA	
729873	ENSG00000274512	587.834158	0.45104998	0.10654476	1.04E-05	9.88E-05	TBC1D3L
101060376	ENSG00000274512	587.834158	0.45104998	0.10654476	1.04E-05	9.88E-05	TBC1D3L
NA	ENSG00000274514	0.4870864	0.0110717	0.38338449	0.78832856	NA	
NA	ENSG00000274515	0.99554035	0.04603107	0.38595385	0.3729823	NA	
653123	ENSG00000274516	0	NA	NA	NA	NA	FAM74A6
NA	ENSG00000274520	0	NA	NA	NA	NA	
81554	ENSG00000274523	1402.26182	0.06813338	0.07549155	0.35741093	0.58754104	RCC1L

NA	ENSG00000274525	0	NA	NA	NA	NA	
NA	ENSG00000274528	6.06629872	-0.0835798	0.36535071	0.55137822	0.7578347	
645832	ENSG00000274529	0	NA	NA	NA	NA	SEBOX
NA	ENSG00000274532	0	NA	NA	NA	NA	
NA	ENSG00000274535	0	NA	NA	NA	NA	
115891964	ENSG00000274536	0	NA	NA	NA	NA	MIR223HG
NA	ENSG00000274541	0	NA	NA	NA	NA	
9300	ENSG00000274544	0	NA	NA	NA	NA	SNORD28
NA	ENSG00000274547	0	NA	NA	NA	NA	
NA	ENSG00000274549	0	NA	NA	NA	NA	
NA	ENSG00000274551	0	NA	NA	NA	NA	
102466758	ENSG00000274552	0	NA	NA	NA	NA	MIR6889
NA	ENSG00000274553	29.025408	-0.06639235	0.29974195	0.72647085	0.8694162	CICP15
NA	ENSG00000274554	6.92995786	0.14560024	0.38540435	0.33133984	0.56018597	
102724334	ENSG00000274559	0.68240605	0.04061254	0.38717484	0.35745922	NA	
NA	ENSG00000274560	0	NA	NA	NA	NA	
NA	ENSG00000274561	26.156357	-0.17090231	0.32121736	0.39076473	0.62011007	
NA	ENSG00000274562	0	NA	NA	NA	NA	
NA	ENSG00000274565	69.311215	1.57129388	0.32214876	8.13E-08	1.08E-06	
NA	ENSG00000274569	1.13185546	-0.00321079	0.38044149	0.95552118	NA	
NA	ENSG00000274570	19.2196392	0.17140342	0.35517909	0.36157116	0.59139092	SPDYE10P
NA	ENSG00000274572	0	NA	NA	NA	NA	ZYXP1
NA	ENSG00000274576	0	NA	NA	NA	NA	IGHV2-70
NA	ENSG00000274578	0	NA	NA	NA	NA	
NA	ENSG00000274579	0	NA	NA	NA	NA	
NA	ENSG00000274582	0	NA	NA	NA	NA	SNORA16A
401508	ENSG00000274583	0	NA	NA	NA	NA	FAM74A4
NA	ENSG00000274584	0	NA	NA	NA	NA	
6066	ENSG00000274585	7.82250067	0.20883788	0.42148293	0.18582733	0.38528731	RNU2-1
139189	ENSG00000274588	11.4959678	1.96297625	0.84340268	0.00093018	0.00557042	DGKK
NA	ENSG00000274589	0	NA	NA	NA	NA	
NA	ENSG00000274591	0	NA	NA	NA	NA	
NA	ENSG00000274594	0	NA	NA	NA	NA	
NA	ENSG00000274598	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000274599	0	NA	NA	NA	NA	DUX4L24
440804	ENSG00000274600	4.51056498	-0.09435393	0.38956247	0.31764335	0.54548517	RIMBP3B
NA	ENSG00000274601	0	NA	NA	NA	NA	
728233	ENSG00000274602	910.979734	0.62410786	0.09690454	3.39E-11	6.85E-10	PI4KAP1

	NA	ENSG00000274603	0	NA	NA	NA	NA	
105370333		ENSG00000274605	69.9623924	0.55082785	0.27674297	0.01246261	0.04970013	PCCA-DT
	NA	ENSG00000274606	0	NA	NA	NA	NA	
	NA	ENSG00000274607	0	NA	NA	NA	NA	RNU6-866P
729873		ENSG00000274611	0	NA	NA	NA	NA	TBC1D3
	NA	ENSG00000274612	0	NA	NA	NA	NA	
	NA	ENSG00000274614	0.34083044	0.00253236	0.38338288	0.96351172	NA	
	NA	ENSG00000274615	28.0840257	0.013908	0.37344391	0.88601302	0.95015905	
	NA	ENSG00000274617	0	NA	NA	NA	NA	
8361		ENSG00000274618	0	NA	NA	NA	NA	H4C6
102465136		ENSG00000274620	0	NA	NA	NA	NA	MIR378J
102465523		ENSG00000274621	0	NA	NA	NA	NA	MIR6867
	NA	ENSG00000274624	0	NA	NA	NA	NA	
	NA	ENSG00000274625	0	NA	NA	NA	NA	
105379252		ENSG00000274628	10.1436024	-0.05204424	0.38578435	0.38431246	0.61337119	
	NA	ENSG00000274629	1.20901605	0.06104929	0.38868312	0.26908396	NA	
	NA	ENSG00000274630	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000274631	0	NA	NA	NA	NA	
	NA	ENSG00000274632	0	NA	NA	NA	NA	RN7SL719P
	NA	ENSG00000274637	0	NA	NA	NA	NA	
338428		ENSG00000274640	0	NA	NA	NA	NA	SNORD109A
8348		ENSG00000274641	2.61658636	-0.08460625	0.38718119	0.35166762	0.58172313	H2BC17
	NA	ENSG00000274642	13.7671774	-0.00373247	0.33249023	0.98002667	0.99338199	
	NA	ENSG00000274647	0	NA	NA	NA	NA	
	NA	ENSG00000274649	4.17564919	-0.13647594	0.400795	0.23233265	0.44909196	
	NA	ENSG00000274652	0	NA	NA	NA	NA	
	NA	ENSG00000274653	12.1233567	-0.00472784	0.33544291	0.97497514	0.99122005	
	NA	ENSG00000274654	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000274655	0	NA	NA	NA	NA	
	NA	ENSG00000274656	0	NA	NA	NA	NA	RN7SL625P
	NA	ENSG00000274658	0	NA	NA	NA	NA	TBC1D3J
107984539		ENSG00000274659	11.0381003	0.2211422	0.41178686	0.20565911	0.41264935	LINC02371
	NA	ENSG00000274660	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
	NA	ENSG00000274662	0	NA	NA	NA	NA	RN7SKP236
	NA	ENSG00000274664	0	NA	NA	NA	NA	
	NA	ENSG00000274666	0	NA	NA	NA	NA	
	NA	ENSG00000274667	5.80137682	-0.18483876	0.41810994	0.18213685	0.37982563	
	NA	ENSG00000274670	0	NA	NA	NA	NA	

NA	ENSG00000274677	1.69439131	0.02988238	0.37870117	0.69620391	NA	
NA	ENSG00000274678	0.34688985	0.00033641	0.38336228	0.96527377	NA	
NA	ENSG00000274680	0	NA	NA	NA	NA	MYO5BP1
NA	ENSG00000274682	0.32375399	0.00189807	0.38337402	0.96291048	NA	
NA	ENSG00000274685	0	NA	NA	NA	NA	
NA	ENSG00000274686	0	NA	NA	NA	NA	
NA	ENSG00000274688	0	NA	NA	NA	NA	
NA	ENSG00000274691	0	NA	NA	NA	NA	
NA	ENSG00000274693	0	NA	NA	NA	NA	
NA	ENSG00000274695	1.42953443	0.04570986	0.38430169	0.44746795	NA	
102465456	ENSG00000274697	0	NA	NA	NA	NA	MIR6761
NA	ENSG00000274698	10.7507993	-0.07571234	0.34262053	0.64905599	0.82497477	
NA	ENSG00000274701	0	NA	NA	NA	NA	
NA	ENSG00000274702	0	NA	NA	NA	NA	
NA	ENSG00000274704	0	NA	NA	NA	NA	
619554	ENSG00000274705	0	NA	NA	NA	NA	MIR486-1
NA	ENSG00000274709	0	NA	NA	NA	NA	
NA	ENSG00000274711	0	NA	NA	NA	NA	
NA	ENSG00000274712	108.329199	0.12566085	0.19739098	0.45929368	0.68256874	
102465856	ENSG00000274713	0	NA	NA	NA	NA	MIR7974
NA	ENSG00000274716	0	NA	NA	NA	NA	
NA	ENSG00000274717	0	NA	NA	NA	NA	
NA	ENSG00000274718	11.935499	0.08254229	0.34103208	0.63026042	0.81297489	
NA	ENSG00000274719	0	NA	NA	NA	NA	
NA	ENSG00000274721	0	NA	NA	NA	NA	
NA	ENSG00000274723	0	NA	NA	NA	NA	
NA	ENSG00000274727	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000274730	0	NA	NA	NA	NA	
NA	ENSG00000274732	0	NA	NA	NA	NA	
6368	ENSG00000274736	0	NA	NA	NA	NA	CCL23
NA	ENSG00000274737	1.13151902	-0.03292857	0.38101065	0.62249179	NA	
NA	ENSG00000274740	0	NA	NA	NA	NA	
NA	ENSG00000274742	0	NA	NA	NA	NA	
NA	ENSG00000274748	0	NA	NA	NA	NA	
337878	ENSG00000274749	0	NA	NA	NA	NA	KRTAP7-1
8353	ENSG00000274750	38.3041383	-1.91567606	0.44875331	1.14E-06	1.28E-05	H3C6
NA	ENSG00000274751	2.89548085	0.02697231	0.3707122	0.79665245	0.90658744	
NA	ENSG00000274752	0	NA	NA	NA	NA	TRBV12-3

NA	ENSG00000274755	0	NA	NA	NA	NA	
NA	ENSG00000274756	5.43442781	0.03642179	0.36092945	0.78246584	0.90094146	
NA	ENSG00000274758	0	NA	NA	NA	NA	
NA	ENSG00000274759	0	NA	NA	NA	NA	RNA5SP527
NA	ENSG00000274760	0	NA	NA	NA	NA	
101929983	ENSG00000274764	0	NA	NA	NA	NA	PRAMEF27
NA	ENSG00000274765	1.33897908	-0.01946439	0.37868265	0.78526736	NA	
NA	ENSG00000274766	0	NA	NA	NA	NA	
NA	ENSG00000274767	0	NA	NA	NA	NA	
NA	ENSG00000274769	1.58214468	0.06691701	0.38708675	0.34078498	NA	
102465135	ENSG00000274770	0	NA	NA	NA	NA	MIR6128
NA	ENSG00000274772	0	NA	NA	NA	NA	
NA	ENSG00000274775	1.48970129	0.06667684	0.3896999	0.26168237	NA	
NA	ENSG00000274776	5.11791005	-0.25036867	0.47336367	0.08362961	0.21843227	
NA	ENSG00000274777	0	NA	NA	NA	NA	
NA	ENSG00000274797	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000274798	0	NA	NA	NA	NA	
NA	ENSG00000274799	0	NA	NA	NA	NA	
NA	ENSG00000274800	0	NA	NA	NA	NA	
102465460	ENSG00000274805	0	NA	NA	NA	NA	MIR6768
414059	ENSG00000274808	28.5894643	0.3997647	0.39373272	0.09319653	0.23650796	TBC1D3B
102464829	ENSG00000274809	0	NA	NA	NA	NA	MIR6078
NA	ENSG00000274810	82.501323	0.84283607	0.51610588	0.00953952	0.03991321	NPHP3-ACAD11
NA	ENSG00000274813	0	NA	NA	NA	NA	
NA	ENSG00000274814	0	NA	NA	NA	NA	
102465463	ENSG00000274816	0	NA	NA	NA	NA	MIR6772
NA	ENSG00000274817	0	NA	NA	NA	NA	
NA	ENSG00000274818	2.94907649	0.03905602	0.37540853	0.68012379	0.84377539	
NA	ENSG00000274819	0	NA	NA	NA	NA	
NA	ENSG00000274820	0	NA	NA	NA	NA	
102465457	ENSG00000274822	0	NA	NA	NA	NA	MIR6762
NA	ENSG00000274823	0	NA	NA	NA	NA	APONP
102465689	ENSG00000274824	0	NA	NA	NA	NA	MIR7152
NA	ENSG00000274825	7.53173882	-0.1513161	0.39008979	0.30463608	0.53198909	
NA	ENSG00000274827	69.6196964	-0.128257	0.32504451	0.49648623	0.714811	LINC01297
NA	ENSG00000274828	129.284817	-0.05185963	0.19814366	0.758967	0.88821479	
NA	ENSG00000274832	0	NA	NA	NA	NA	
NA	ENSG00000274833	0	NA	NA	NA	NA	

NA	ENSG00000274834	0	NA	NA	NA	NA	
NA	ENSG00000274835	0	NA	NA	NA	NA	
NA	ENSG00000274836	0	NA	NA	NA	NA	
NA	ENSG00000274837	0	NA	NA	NA	NA	
102466735	ENSG00000274838	0	NA	NA	NA	NA	MIR6788
NA	ENSG00000274840	0	NA	NA	NA	NA	
NA	ENSG00000274841	0	NA	NA	NA	NA	
NA	ENSG00000274844	0	NA	NA	NA	NA	
NA	ENSG00000274845	0	NA	NA	NA	NA	
NA	ENSG00000274848	0	NA	NA	NA	NA	
NA	ENSG00000274849	0.31840502	0.00134376	0.3833683	0.96420353	NA	
NA	ENSG00000274852	0	NA	NA	NA	NA	RN7SL422P
NA	ENSG00000274855	0	NA	NA	NA	NA	
NA	ENSG00000274859	0.67207931	0.03946721	0.38703518	0.36706737	NA	
NA	ENSG00000274860	0	NA	NA	NA	NA	
NA	ENSG00000274863	0	NA	NA	NA	NA	
NA	ENSG00000274864	0	NA	NA	NA	NA	
NA	ENSG00000274866	0	NA	NA	NA	NA	
NA	ENSG00000274867	0	NA	NA	NA	NA	
NA	ENSG00000274874	9.28465747	-0.12920473	0.39151988	0.30474072	0.53198909	
NA	ENSG00000274878	0	NA	NA	NA	NA	
NA	ENSG00000274879	0	NA	NA	NA	NA	
NA	ENSG00000274883	0	NA	NA	NA	NA	
NA	ENSG00000274884	0	NA	NA	NA	NA	
NA	ENSG00000274886	0	NA	NA	NA	NA	SEPTIN14P17
NA	ENSG00000274892	0.98508362	-0.02140857	0.38026156	0.73898147	NA	
NA	ENSG00000274893	1.93198978	-0.04965104	0.3823129	0.50086672	NA	
NA	ENSG00000274895	117.50137	0.02078947	0.18803169	0.90748683	0.95963244	
NA	ENSG00000274898	0.32404202	-0.02327475	0.3853216	0.6684831	NA	
NA	ENSG00000274899	0	NA	NA	NA	NA	
NA	ENSG00000274901	0	NA	NA	NA	NA	
NA	ENSG00000274902	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000274903	0	NA	NA	NA	NA	
NA	ENSG00000274904	0	NA	NA	NA	NA	
NA	ENSG00000274915	0	NA	NA	NA	NA	
NA	ENSG00000274918	1.02262494	0.03305002	0.38227156	0.58427861	NA	
NA	ENSG00000274919	0	NA	NA	NA	NA	
NA	ENSG00000274922	10.1824766	0.07201772	0.35385928	0.64083767	0.82008361	

NA	ENSG00000274923	0	NA	NA	NA	NA	
NA	ENSG00000274925	44.0133382	-0.86993568	0.38653994	0.00280817	0.01432239	ZKSCAN2-DT
NA	ENSG00000274927	0	NA	NA	NA	NA	
NA	ENSG00000274928	0	NA	NA	NA	NA	KRT89P
NA	ENSG00000274929	1.32967323	0.0511678	0.38478181	0.42318315	NA	
NA	ENSG00000274930	0	NA	NA	NA	NA	
102465688	ENSG00000274932	0	NA	NA	NA	NA	MIR7150
102724862	ENSG00000274933	10.4906917	0.22755422	0.40975297	0.20950556	0.41783176	TBC1D3I
NA	ENSG00000274934	0	NA	NA	NA	NA	
NA	ENSG00000274937	0	NA	NA	NA	NA	
102466879	ENSG00000274940	0	NA	NA	NA	NA	MIR8083
NA	ENSG00000274943	5.12265889	-0.10963189	0.38006916	0.40191979	0.63031025	
NA	ENSG00000274944	6.66100762	-0.05556745	0.36721522	0.65263887	0.82652592	
NA	ENSG00000274949	0	NA	NA	NA	NA	
NA	ENSG00000274954	0	NA	NA	NA	NA	
NA	ENSG00000274963	0.64833169	-0.03785315	0.38680253	0.40920246	NA	RN7SL600P
NA	ENSG00000274964	36.9891799	-0.05511113	0.28374683	0.77356256	0.89594169	
NA	ENSG00000274966	1.21396301	0.03849613	0.38347665	0.50780781	NA	
NA	ENSG00000274967	0	NA	NA	NA	NA	
102465462	ENSG00000274969	0	NA	NA	NA	NA	MIR6771
NA	ENSG00000274970	0	NA	NA	NA	NA	
NA	ENSG00000274973	0	NA	NA	NA	NA	BSNDP2
102465440	ENSG00000274975	0	NA	NA	NA	NA	MIR6735
NA	ENSG00000274976	0	NA	NA	NA	NA	
NA	ENSG00000274977	0	NA	NA	NA	NA	
26824	ENSG00000274978	0	NA	NA	NA	NA	RNU11
NA	ENSG00000274979	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000274985	1.73733004	0.0666956	0.39256376	0.11031626	NA	PTCHD3P1
102466192	ENSG00000274986	0	NA	NA	NA	NA	MIR6750
NA	ENSG00000274987	2.99241304	-0.06515497	0.37835988	0.51691137	0.7308667	
102465527	ENSG00000274988	0	NA	NA	NA	NA	MIR6876
NA	ENSG00000274993	0	NA	NA	NA	NA	
102465862	ENSG00000274994	0	NA	NA	NA	NA	MIR8056
NA	ENSG00000274995	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000274996	0.6631221	-0.02215187	0.38322551	0.65086796	NA	
85235	ENSG00000274997	2.5592136	-0.07653956	0.38946422	0.29365574	NA	H2AC12
677804	ENSG00000274998	0	NA	NA	NA	NA	SNORA17A
102466873	ENSG00000274999	0	NA	NA	NA	NA	MIR8052

NA	ENSG00000275001	0	NA	NA	NA	NA	
NA	ENSG00000275002	0	NA	NA	NA	NA	
140883	ENSG00000275004	143.575433	-0.3174507	0.19724419	0.06237285	0.17645478	ZNF280B
NA	ENSG00000275005	0.507094	0.01470963	0.38308525	0.74698398	NA	
NA	ENSG00000275011	0	NA	NA	NA	NA	ALOXE3P1
NA	ENSG00000275012	0	NA	NA	NA	NA	
NA	ENSG00000275014	0	NA	NA	NA	NA	RN7SL166P
NA	ENSG00000275015	0	NA	NA	NA	NA	
NA	ENSG00000275016	0	NA	NA	NA	NA	
NA	ENSG00000275017	2.22598363	-0.00665057	0.37513968	0.93584231	NA	
102465451	ENSG00000275022	0	NA	NA	NA	NA	MIR6753
4302	ENSG00000275023	7050.65389	0.08354947	0.05020285	0.09465062	0.23921889	MLLT6
NA	ENSG00000275024	0	NA	NA	NA	NA	
NA	ENSG00000275025	0.34124419	0.02362755	0.38535356	0.62403467	NA	
NA	ENSG00000275026	2.28194564	0.0593951	0.3854902	0.37855538	NA	GXYLT1P4
NA	ENSG00000275029	0.18922458	0.01954053	0.38488496	0.78225479	NA	HMGB1P24
NA	ENSG00000275033	0	NA	NA	NA	NA	
102724101	ENSG00000275034	0	NA	NA	NA	NA	TP53TG3E
102465880	ENSG00000275036	0	NA	NA	NA	NA	MIR8086
NA	ENSG00000275038	39.6298872	-0.5558167	0.40840232	0.0341676	0.1112929	
NA	ENSG00000275040	0	NA	NA	NA	NA	
NA	ENSG00000275041	0	NA	NA	NA	NA	
9303	ENSG00000275043	0	NA	NA	NA	NA	SNORD25
NA	ENSG00000275046	0	NA	NA	NA	NA	
NA	ENSG00000275048	0.29863895	-0.02292439	0.3852726	0.68753245	NA	BSNDP1
57223	ENSG00000275052	1721.7623	-0.45106753	0.07157484	1.36E-10	2.58E-09	PPP4R3B
NA	ENSG00000275054	0	NA	NA	NA	NA	
NA	ENSG00000275055	11.4839146	0.07739385	0.36066397	0.59749383	0.78921427	
NA	ENSG00000275056	4.40580247	0.10633716	0.38123593	0.40125641	0.62960674	
NA	ENSG00000275060	0	NA	NA	NA	NA	PPP1R26P3
NA	ENSG00000275061	0	NA	NA	NA	NA	SEPTIN7P15
NA	ENSG00000275064	2.45240912	0.08021086	0.38731487	0.34889684	NA	PDE4DIPP5
11276	ENSG00000275066	1607.9659	-0.00279918	0.07733618	0.96933362	0.98853525	SYNRG
102466199	ENSG00000275067	0	NA	NA	NA	NA	MIR6825
NA	ENSG00000275068	0	NA	NA	NA	NA	
NA	ENSG00000275069	0	NA	NA	NA	NA	
NA	ENSG00000275070	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000275071	0	NA	NA	NA	NA	

NA	ENSG00000275072	0	NA	NA	NA	NA	SNORD50B
79873	ENSG00000275074	55.8969565	0.04895164	0.2548828	0.79996926	0.90844199	NUDT18
NA	ENSG00000275075	0	NA	NA	NA	NA	
NA	ENSG00000275078	0	NA	NA	NA	NA	
NA	ENSG00000275084	0.16735865	0.01897177	0.38482933	0.78225479	NA	SNORD91B
NA	ENSG00000275088	18.4208607	-0.04341181	0.3225074	0.80562974	0.91194694	
NA	ENSG00000275090	0	NA	NA	NA	NA	RN7SL296P
NA	ENSG00000275091	0	NA	NA	NA	NA	
NA	ENSG00000275092	0.32254335	-0.02325464	0.38531876	0.66957671	NA	
NA	ENSG00000275094	0	NA	NA	NA	NA	
NA	ENSG00000275097	2.1451777	-0.02998273	0.37480342	0.74278259	NA	
102466983	ENSG00000275101	0	NA	NA	NA	NA	MIR6766
NA	ENSG00000275103	0	NA	NA	NA	NA	
NA	ENSG00000275106	4.67332424	0.22478259	0.45146884	0.10715011	0.26222501	
102465469	ENSG00000275107	0	NA	NA	NA	NA	MIR6782
NA	ENSG00000275108	0	NA	NA	NA	NA	
102465251	ENSG00000275109	0	NA	NA	NA	NA	MIR6504
NA	ENSG00000275110	0	NA	NA	NA	NA	
7549	ENSG00000275111	152.008716	-0.00127092	0.1758576	0.9922713	0.99756121	ZNF2
729428	ENSG00000275113	0	NA	NA	NA	NA	GAGE2E
NA	ENSG00000275115	0	NA	NA	NA	NA	
NA	ENSG00000275119	0	NA	NA	NA	NA	
NA	ENSG00000275120	1.95436295	-0.01661832	0.37463117	0.84934566	NA	
NA	ENSG00000275121	0	NA	NA	NA	NA	
8368	ENSG00000275126	0.49831077	-0.01002562	0.38282434	0.83017314	NA	H4C13
NA	ENSG00000275127	0	NA	NA	NA	NA	SNORD116-22
NA	ENSG00000275128	0	NA	NA	NA	NA	RN7SL203P
NA	ENSG00000275129	0	NA	NA	NA	NA	
NA	ENSG00000275130	0	NA	NA	NA	NA	
NA	ENSG00000275131	271.909769	-0.17429838	0.16002164	0.2183417	0.43039238	PDE4DIPP2
NA	ENSG00000275132	0.3183378	0.00128338	0.38336779	0.96478182	NA	RN7SL663P
NA	ENSG00000275134	0	NA	NA	NA	NA	
NA	ENSG00000275138	0	NA	NA	NA	NA	
NA	ENSG00000275139	2.16825608	-0.1587413	0.43046186	0.0203003	NA	
NA	ENSG00000275140	0.173124	-0.01911262	0.38486262	0.84537521	NA	SEC22B3P
102465535	ENSG00000275141	0	NA	NA	NA	NA	MIR6888
677781	ENSG00000275143	0	NA	NA	NA	NA	SCARNA16
NA	ENSG00000275144	3.47861121	-0.07275593	0.37724176	0.50524461	0.72150391	SNX18P5

NA	ENSG00000275146	0	NA	NA	NA	NA	
6360	ENSG00000275152	0	NA	NA	NA	NA	CCL16
NA	ENSG00000275154	0	NA	NA	NA	NA	
NA	ENSG00000275155	12.7850514	0.00119077	0.32789439	0.99637498	0.99873692	
NA	ENSG00000275157	0	NA	NA	NA	NA	
NA	ENSG00000275158	0	NA	NA	NA	NA	TRBV12-5
NA	ENSG00000275160	15.7564571	-0.07168015	0.33952811	0.67004393	0.83758072	
NA	ENSG00000275161	0	NA	NA	NA	NA	
NA	ENSG00000275162	0.5239031	0.01090335	0.38326671	0.76974956	NA	
NA	ENSG00000275163	0.18922458	0.01954053	0.38488496	0.78225479	NA	
102465488	ENSG00000275166	0	NA	NA	NA	NA	MIR6814
102465489	ENSG00000275167	0	NA	NA	NA	NA	MIR6815
NA	ENSG00000275170	0	NA	NA	NA	NA	FRG2MP
NA	ENSG00000275173	0	NA	NA	NA	NA	
NA	ENSG00000275178	0	NA	NA	NA	NA	
NA	ENSG00000275180	8.89320922	-0.18839379	0.39986176	0.24835327	0.46753287	
94059	ENSG00000275183	24.4086506	-0.71913465	0.54511053	0.0200141	0.07296577	LENG9
NA	ENSG00000275185	14.3393081	-0.10743027	0.36842046	0.46841283	0.69118513	
NA	ENSG00000275186	0	NA	NA	NA	NA	
NA	ENSG00000275191	1.34558828	-0.0605444	0.38817922	0.27256589	NA	
NA	ENSG00000275194	0	NA	NA	NA	NA	
NA	ENSG00000275197	0	NA	NA	NA	NA	
NA	ENSG00000275198	10.1702906	-0.09671078	0.35910727	0.53276596	0.74395247	
NA	ENSG00000275201	0	NA	NA	NA	NA	
NA	ENSG00000275202	16.6249083	0.1609462	0.34757376	0.39548232	0.62498088	
NA	ENSG00000275206	0	NA	NA	NA	NA	
102465443	ENSG00000275207	0	NA	NA	NA	NA	MIR6740
102466726	ENSG00000275208	0	NA	NA	NA	NA	MIR6745
NA	ENSG00000275210	0	NA	NA	NA	NA	
NA	ENSG00000275212	0	NA	NA	NA	NA	LINC02826
NA	ENSG00000275213	0	NA	NA	NA	NA	
NA	ENSG00000275216	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
8330	ENSG00000275221	12.082347	0.00679338	0.33021581	0.97002663	0.98871453	H2AC15
NA	ENSG00000275222	0	NA	NA	NA	NA	
NA	ENSG00000275223	7.11239628	-0.23420562	0.44484892	0.13510404	0.30959088	
400121	ENSG00000275226	0	NA	NA	NA	NA	LINC00547
NA	ENSG00000275227	1.12153197	0.01062995	0.38156229	0.83906679	NA	
NA	ENSG00000275228	0	NA	NA	NA	NA	

NA	ENSG00000275231	0	NA	NA	NA	NA	
NA	ENSG00000275232	0	NA	NA	NA	NA	
NA	ENSG00000275234	0.30001588	-0.02294459	0.38527538	0.68644875	NA	
NA	ENSG00000275236	1.75591718	0.03862431	0.38247915	0.544441058	NA	
100616203	ENSG00000275238	0	NA	NA	NA	NA	MIR4734
105379447	ENSG00000275239	0.173124	-0.01911262	0.38486262	0.84537521	NA	FAM242F
NA	ENSG00000275243	0	NA	NA	NA	NA	TRBV16
NA	ENSG00000275248	0.59806775	-0.03500956	0.38647881	0.44350579	NA	
NA	ENSG00000275250	0	NA	NA	NA	NA	
NA	ENSG00000275254	0	NA	NA	NA	NA	
NA	ENSG00000275256	0	NA	NA	NA	NA	MRPS31P1
102466268	ENSG00000275259	0	NA	NA	NA	NA	MIR6511A1
NA	ENSG00000275263	1.18439593	0.04765922	0.38323686	0.48181234	NA	
NA	ENSG00000275265	0.32250609	-0.02325434	0.38531871	0.66959827	NA	
NA	ENSG00000275266	0	NA	NA	NA	NA	
NA	ENSG00000275268	0	NA	NA	NA	NA	
102466195	ENSG00000275273	0	NA	NA	NA	NA	MIR6780A
NA	ENSG00000275278	0.52463495	0.01257629	0.38339254	0.76010767	NA	
NA	ENSG00000275280	0	NA	NA	NA	NA	
NA	ENSG00000275285	0	NA	NA	NA	NA	
NA	ENSG00000275286	0	NA	NA	NA	NA	
NA	ENSG00000275287	0	NA	NA	NA	NA	
NA	ENSG00000275291	0.173124	-0.01911262	0.38486262	0.84537521	NA	RNVU1-26
NA	ENSG00000275293	0	NA	NA	NA	NA	
NA	ENSG00000275294	0.34121266	0.0032571	0.38339677	0.95734534	NA	LINC02340
NA	ENSG00000275295	0	NA	NA	NA	NA	
NA	ENSG00000275296	0	NA	NA	NA	NA	
NA	ENSG00000275297	2.13328347	-0.07095862	0.38576036	0.37485664	NA	
6351	ENSG00000275302	0	NA	NA	NA	NA	CCL4
NA	ENSG00000275305	0	NA	NA	NA	NA	RNA5SP528
NA	ENSG00000275307	0	NA	NA	NA	NA	
NA	ENSG00000275310	0	NA	NA	NA	NA	
NA	ENSG00000275312	0	NA	NA	NA	NA	
NA	ENSG00000275314	0	NA	NA	NA	NA	
NA	ENSG00000275315	0	NA	NA	NA	NA	
NA	ENSG00000275318	9.59351567	-0.13089923	0.36479139	0.42641135	0.65221241	
NA	ENSG00000275319	0	NA	NA	NA	NA	
NA	ENSG00000275320	0	NA	NA	NA	NA	

NA	ENSG00000275322	0	NA	NA	NA	NA	
NA	ENSG00000275325	0.173124	-0.01911262	0.38486262	0.84537521	NA	PDCD6IPP1
NA	ENSG00000275327	0	NA	NA	NA	NA	
NA	ENSG00000275328	0.81896853	0.02824183	0.38426392	0.52436467	NA	SPDYE19P
NA	ENSG00000275329	3.78473497	-0.10310435	0.38491855	0.37150541	0.60060191	
NA	ENSG00000275332	1.02385664	0.02916522	0.38188676	0.62431558	NA	
102464817	ENSG00000275334	0	NA	NA	NA	NA	MIR5787
102466880	ENSG00000275335	0	NA	NA	NA	NA	MIR8088
NA	ENSG00000275337	0	NA	NA	NA	NA	RN7SL680P
NA	ENSG00000275339	0.34074461	0.00249524	0.38338226	0.96386597	NA	
100132526	ENSG00000275340	0.43926905	-0.02678308	0.38567104	0.57076965	NA	FGD5P1
157285	ENSG00000275342	145.590996	-0.26168776	0.18031748	0.1002531	0.24968886	PRAG1
NA	ENSG00000275343	0.99902444	0.00719801	0.37930657	0.91199826	NA	
102465250	ENSG00000275344	0	NA	NA	NA	NA	MIR6503
NA	ENSG00000275345	1.34124196	0.00751432	0.3790812	0.91050007	NA	
NA	ENSG00000275348	0	NA	NA	NA	NA	
NA	ENSG00000275350	0	NA	NA	NA	NA	
NA	ENSG00000275352	0	NA	NA	NA	NA	
NA	ENSG00000275355	0	NA	NA	NA	NA	
NA	ENSG00000275356	0.15069912	-0.01848503	0.38480575	0.84537521	NA	C7orf77
NA	ENSG00000275358	0	NA	NA	NA	NA	
NA	ENSG00000275359	0	NA	NA	NA	NA	
102466753	ENSG00000275360	0	NA	NA	NA	NA	MIR6868
NA	ENSG00000275361	0	NA	NA	NA	NA	
NA	ENSG00000275362	0	NA	NA	NA	NA	
NA	ENSG00000275363	0	NA	NA	NA	NA	
NA	ENSG00000275367	12.0682079	0.16687886	0.37119489	0.34523082	0.57572324	
NA	ENSG00000275371	4.46032129	0.07243928	0.37164661	0.55644989	0.76206018	
NA	ENSG00000275372	0	NA	NA	NA	NA	
102466906	ENSG00000275373	0	NA	NA	NA	NA	MIR6124
NA	ENSG00000275374	2.41835047	0.07061336	0.38096739	0.46818526	NA	
100302167	ENSG00000275377	0	NA	NA	NA	NA	MIR1299
8354	ENSG00000275379	0.4743659	-0.0090349	0.38283827	0.8496212	NA	H3C11
NA	ENSG00000275381	1.94964589	-0.04189819	0.37819764	0.62285957	NA	
NA	ENSG00000275383	3.42962787	-0.01838998	0.36833896	0.86405606	0.93979893	
6362	ENSG00000275385	0	NA	NA	NA	NA	CCL18
NA	ENSG00000275386	0	NA	NA	NA	NA	
NA	ENSG00000275387	0	NA	NA	NA	NA	

NA	ENSG00000275389	12.9061274	-0.05464373	0.34516805	0.72902911	0.87045369	
NA	ENSG00000275390	0	NA	NA	NA	NA	
NA	ENSG00000275392	0	NA	NA	NA	NA	
NA	ENSG00000275393	0	NA	NA	NA	NA	
8857	ENSG00000275395	26.8286201	0.50473833	0.47371641	0.05373241	0.15725785	FCGBP
NA	ENSG00000275400	0	NA	NA	NA	NA	
NA	ENSG00000275401	5.74275388	-0.13627036	0.38912556	0.3179757	0.54561048	
NA	ENSG00000275406	0	NA	NA	NA	NA	
NA	ENSG00000275409	1.52869554	0.02025013	0.3769027	0.80075001	NA	
6928	ENSG00000275410	0	NA	NA	NA	NA	HNFB1B
102465531	ENSG00000275411	0	NA	NA	NA	NA	MIR6882
NA	ENSG00000275413	2.73394067	-0.10333392	0.39095265	0.30260019	0.52987991	
NA	ENSG00000275414	0	NA	NA	NA	NA	
NA	ENSG00000275417	0	NA	NA	NA	NA	
NA	ENSG00000275418	0	NA	NA	NA	NA	
NA	ENSG00000275419	0	NA	NA	NA	NA	
NA	ENSG00000275423	0	NA	NA	NA	NA	VN1R18P
NA	ENSG00000275426	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
286083	ENSG00000275427	1.09703248	-0.07824596	0.3945799	0.14950252	NA	
102465520	ENSG00000275429	0	NA	NA	NA	NA	MIR6862-1
NA	ENSG00000275431	0	NA	NA	NA	NA	
NA	ENSG00000275432	0	NA	NA	NA	NA	
NA	ENSG00000275437	23.2517789	-0.13412085	0.31468339	0.49071049	0.71027185	
NA	ENSG00000275438	0	NA	NA	NA	NA	
NA	ENSG00000275441	5.93736296	0.18814939	0.41854531	0.18449735	0.38321058	
NA	ENSG00000275443	0	NA	NA	NA	NA	
NA	ENSG00000275445	2.28509958	-0.0847911	0.38885885	0.31779699	NA	
NA	ENSG00000275448	0	NA	NA	NA	NA	
442421	ENSG00000275450	22.7025024	0.021743	0.31653697	0.90612225	0.95910507	
102464834	ENSG00000275451	0	NA	NA	NA	NA	MIR6085
100616190	ENSG00000275453	0	NA	NA	NA	NA	MIR548O2
NA	ENSG00000275454	23.8561335	0.29535475	0.37424031	0.17590264	0.37016424	
102465839	ENSG00000275455	0	NA	NA	NA	NA	MIR7852
NA	ENSG00000275457	53.0090567	0.18580004	0.26661242	0.35083882	0.58113897	
102465485	ENSG00000275458	0	NA	NA	NA	NA	MIR6809
NA	ENSG00000275460	0	NA	NA	NA	NA	
NA	ENSG00000275461	0	NA	NA	NA	NA	
102724159	ENSG00000275464	1100.01769	-0.08682739	0.08005767	0.26676825	0.48915731	

158434	ENSG00000275465	0	NA	NA	NA	NA	
	NA	ENSG00000275467	0.32262866	-0.02325533	0.38531886	0.66952738	NA
	NA	ENSG00000275468	3.22302316	-0.11983864	0.39462993	0.27396488	0.49757079
102466967	ENSG00000275469	0	NA	NA	NA	NA	MIR6130
	NA	ENSG00000275475	0	NA	NA	NA	IGHV3-54
	NA	ENSG00000275476	0.98428559	0.00497625	0.37927368	0.93904665	NA
	NA	ENSG00000275479	0	NA	NA	NA	NA
	NA	ENSG00000275480	0	NA	NA	NA	NA
	NA	ENSG00000275481	10.2213971	-0.05875163	0.34425963	0.71387697	0.86198765
	NA	ENSG00000275484	0.70079973	0.00152792	0.38181744	0.97337694	NA
	NA	ENSG00000275485	0.62219298	-0.01872511	0.38297827	0.69318189	NA
	NA	ENSG00000275488	0	NA	NA	NA	NA
388381	ENSG00000275489	0	NA	NA	NA	NA	C17orf98
	NA	ENSG00000275490	0	NA	NA	NA	NA
	NA	ENSG00000275491	0.70464601	0.05125728	0.38859865	0.29588782	NA
	NA	ENSG00000275493	10.4020239	-0.35700456	0.5188283	0.08482647	0.22086345
	NA	ENSG00000275494	7.58811598	0.20375226	0.41198506	0.21251206	0.42238326
102724701	ENSG00000275496	356.166963	0.14561182	0.13587052	0.25106256	0.47102422	
	NA	ENSG00000275497	0	NA	NA	NA	NA
	NA	ENSG00000275502	0	NA	NA	NA	NA
	NA	ENSG00000275503	0	NA	NA	NA	NA
	NA	ENSG00000275504	0	NA	NA	NA	NA
	NA	ENSG00000275506	0.3412599	0.02362767	0.38535357	0.62402634	NA
	NA	ENSG00000275508	0	NA	NA	NA	NA
	NA	ENSG00000275512	1.57671834	-0.03321601	0.380278	0.63941399	NA
	NA	ENSG00000275515	0	NA	NA	NA	NA
	NA	ENSG00000275516	0.37844916	0.02407552	0.3854191	0.60038877	NA
102465430	ENSG00000275518	0	NA	NA	NA	NA	MIR6718
102465482	ENSG00000275519	0	NA	NA	NA	NA	MIR6804
100129407	ENSG00000275520	0	NA	NA	NA	NA	FAM236A
102466972	ENSG00000275523	0	NA	NA	NA	NA	MIR6508
100033802	ENSG00000275524	0	NA	NA	NA	NA	SNORD115-26
	NA	ENSG00000275527	1.34992438	-0.07354325	0.39380243	0.13399721	NA
	NA	ENSG00000275529	0	NA	NA	NA	NA
	NA	ENSG00000275532	1.23749543	-0.06890547	0.38939597	0.26459467	NA
101954277	ENSG00000275538	0	NA	NA	NA	NA	RNVU1-19
	NA	ENSG00000275540	0	NA	NA	NA	NA
	NA	ENSG00000275547	0	NA	NA	NA	NA

100129722	ENSG00000275549	6.11127928	0.18369859	0.41537834	0.19394393	0.39680804	STPG3-AS1
NA	ENSG00000275550	0	NA	NA	NA	NA	
NA	ENSG00000275552	0.86311863	0.04882696	0.38846814	0.27018207	NA	
NA	ENSG00000275553	0.34624801	-0.02356563	0.38536324	0.65270996	NA	ELOA3CP
NA	ENSG00000275558	0	NA	NA	NA	NA	RN7SKP175
NA	ENSG00000275559	0	NA	NA	NA	NA	
NA	ENSG00000275562	0	NA	NA	NA	NA	SEPTIN7P12
100508046	ENSG00000275563	0	NA	NA	NA	NA	
NA	ENSG00000275567	0	NA	NA	NA	NA	
NA	ENSG00000275569	0	NA	NA	NA	NA	
402635	ENSG00000275572	0	NA	NA	NA	NA	GRIFIN
NA	ENSG00000275576	0.31838769	0.00132846	0.38336817	0.96435013	NA	
NA	ENSG00000275578	0	NA	NA	NA	NA	
NA	ENSG00000275580	4.22988791	0.13773062	0.39792485	0.25896156	0.48036523	
NA	ENSG00000275582	6.46641565	-0.01296442	0.35823534	0.9193884	0.96583003	
101929798	ENSG00000275585	0	NA	NA	NA	NA	PDE4DIPP4
NA	ENSG00000275586	0.46758901	-0.00787554	0.38326801	0.86287349	NA	
NA	ENSG00000275588	0	NA	NA	NA	NA	RN7SL341P
NA	ENSG00000275589	0	NA	NA	NA	NA	
389610	ENSG00000275591	336.097518	0.54229044	0.14984073	9.91E-05	0.00075484	XKR5
NA	ENSG00000275592	0	NA	NA	NA	NA	VN1R7P
NA	ENSG00000275597	0	NA	NA	NA	NA	ANAPC1P5
NA	ENSG00000275598	0	NA	NA	NA	NA	
NA	ENSG00000275601	6.8311497	0.00993579	0.35608124	0.9436281	0.97701605	
NA	ENSG00000275607	0	NA	NA	NA	NA	
NA	ENSG00000275609	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000275610	0	NA	NA	NA	NA	DUX4L21
NA	ENSG00000275612	0	NA	NA	NA	NA	
NA	ENSG00000275613	0	NA	NA	NA	NA	
100192386	ENSG00000275620	0	NA	NA	NA	NA	
NA	ENSG00000275625	0	NA	NA	NA	NA	
107987066	ENSG00000275628	0	NA	NA	NA	NA	
NA	ENSG00000275630	0.47335527	-0.02843933	0.38580837	0.54293336	NA	
NA	ENSG00000275631	0	NA	NA	NA	NA	
NA	ENSG00000275632	36.1187779	0.17880097	0.30481964	0.37841379	0.60737234	
NA	ENSG00000275634	0	NA	NA	NA	NA	
NA	ENSG00000275635	0	NA	NA	NA	NA	
NA	ENSG00000275636	0.14931947	-0.01844332	0.38480212	0.84537521	NA	

NA	ENSG00000275638	0.75689831	0.03380966	0.38651369	0.3822658	NA	
102466737	ENSG00000275640	0	NA	NA	NA	NA	MIR6793
NA	ENSG00000275642	0	NA	NA	NA	NA	
NA	ENSG00000275643	0	NA	NA	NA	NA	RBM22P6
NA	ENSG00000275645	4.97694227	0.03393717	0.36487218	0.78103254	0.8998656	
NA	ENSG00000275646	0	NA	NA	NA	NA	
NA	ENSG00000275647	0	NA	NA	NA	NA	
NA	ENSG00000275649	0	NA	NA	NA	NA	
102465512	ENSG00000275651	0	NA	NA	NA	NA	MIR6851
102465477	ENSG00000275652	0	NA	NA	NA	NA	MIR6796
NA	ENSG00000275654	0	NA	NA	NA	NA	
NA	ENSG00000275655	0	NA	NA	NA	NA	RN7SL313P
NA	ENSG00000275656	0	NA	NA	NA	NA	
692215	ENSG00000275662	0	NA	NA	NA	NA	SNORD112
8369	ENSG00000275663	0	NA	NA	NA	NA	H4C7
NA	ENSG00000275664	0	NA	NA	NA	NA	
NA	ENSG00000275665	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000275666	0	NA	NA	NA	NA	
102465505	ENSG00000275667	0	NA	NA	NA	NA	MIR6839
102466725	ENSG00000275669	0	NA	NA	NA	NA	MIR6744
102466253	ENSG00000275670	0	NA	NA	NA	NA	MIR8076
NA	ENSG00000275672	0.35663197	0.02381671	0.385381	0.61404184	NA	
NA	ENSG00000275674	1.1602756	0.01902791	0.37918971	0.78327777	NA	
NA	ENSG00000275675	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000275676	0	NA	NA	NA	NA	
NA	ENSG00000275678	0	NA	NA	NA	NA	
NA	ENSG00000275680	0.69249601	-0.03077728	0.38619256	0.44510896	NA	
NA	ENSG00000275681	0	NA	NA	NA	NA	
NA	ENSG00000275688	0	NA	NA	NA	NA	CCL15-CCL14
NA	ENSG00000275689	0	NA	NA	NA	NA	
NA	ENSG00000275691	0	NA	NA	NA	NA	MT1IP
NA	ENSG00000275693	0	NA	NA	NA	NA	
NA	ENSG00000275695	5.86580128	0.16603096	0.40189286	0.2469746	0.46604299	UBE2Q2P6
NA	ENSG00000275696	0	NA	NA	NA	NA	
26574	ENSG00000275700	830.629296	-0.50318292	0.10953537	1.68E-06	1.83E-05	AATF
NA	ENSG00000275703	1.01237889	0.05734702	0.38730226	0.3204351	NA	
100500862	ENSG00000275708	0.52119901	0.02576573	0.38568143	0.51723676	NA	MIR3648-1
NA	ENSG00000275709	2.5705127	-0.09943303	0.39444095	0.24107048	0.45895616	

NA	ENSG00000275710	0	NA	NA	NA	NA	
102465476	ENSG00000275711	0	NA	NA	NA	NA	MIR6795
8345	ENSG00000275713	38.400946	-1.30902767	0.41499034	0.00012196	0.0009073	H2BC9
8350	ENSG00000275714	3.85377703	0.01017465	0.36427419	0.93316264	0.97202552	H3C1
NA	ENSG00000275716	0	NA	NA	NA	NA	
6359	ENSG00000275718	0	NA	NA	NA	NA	CCL15
NA	ENSG00000275719	9.60077705	-0.14388536	0.38008311	0.35199594	0.58206363	
NA	ENSG00000275720	1.19493605	0.03205391	0.38253457	0.5791205	NA	
57151	ENSG00000275722	0	NA	NA	NA	NA	LYZL6
NA	ENSG00000275725	0	NA	NA	NA	NA	
102464836	ENSG00000275726	0	NA	NA	NA	NA	MIR6088
NA	ENSG00000275728	0.5039178	0.01240425	0.38343549	0.76711209	NA	
NA	ENSG00000275733	0	NA	NA	NA	NA	
NA	ENSG00000275734	11.8323048	-0.05318148	0.339918	0.74499451	0.87988222	
NA	ENSG00000275740	146.971581	-0.16099344	0.21058741	0.36133527	0.59120004	
NA	ENSG00000275741	0	NA	NA	NA	NA	
NA	ENSG00000275743	0	NA	NA	NA	NA	TRBV14
NA	ENSG00000275745	0	NA	NA	NA	NA	
NA	ENSG00000275747	0	NA	NA	NA	NA	IGHV3-79
NA	ENSG00000275756	0.34017565	0.00223427	0.38337819	0.96635522	NA	
NA	ENSG00000275759	3.63217667	0.01425533	0.37176511	0.88626448	0.95015905	
400658	ENSG00000275763	14.5544968	-0.19876538	0.37242629	0.29248377	0.51857713	ZNF516-DT
NA	ENSG00000275764	77.0470403	-0.04154386	0.21841476	0.81602891	0.9163678	
NA	ENSG00000275765	3.37533919	-0.00842777	0.36776213	0.93644566	0.97351594	
NA	ENSG00000275767	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000275768	0	NA	NA	NA	NA	SLC2AXP1
NA	ENSG00000275769	1.29465491	-0.01220992	0.38037789	0.83865858	NA	
102466657	ENSG00000275770	0	NA	NA	NA	NA	MIR6505
NA	ENSG00000275771	0	NA	NA	NA	NA	OR4G6P
NA	ENSG00000275772	0	NA	NA	NA	NA	
NA	ENSG00000275773	0	NA	NA	NA	NA	
440563	ENSG00000275774	0	NA	NA	NA	NA	HNRNPCL2
NA	ENSG00000275776	0	NA	NA	NA	NA	RN7SL185P
NA	ENSG00000275778	116.935195	-0.0538274	0.19494861	0.7474538	0.88138554	
NA	ENSG00000275785	0	NA	NA	NA	NA	
NA	ENSG00000275787	0	NA	NA	NA	NA	OR7G15P
NA	ENSG00000275788	0	NA	NA	NA	NA	
102465866	ENSG00000275789	0	NA	NA	NA	NA	MIR8064

NA	ENSG00000275791	0	NA	NA	NA	NA	TRBV10-3
85376	ENSG00000275793	6.27649441	-0.29625189	0.52211547	0.05441659	0.15876841	RIMBP3
NA	ENSG00000275799	0	NA	NA	NA	NA	
NA	ENSG00000275800	0	NA	NA	NA	NA	EIF5P2
NA	ENSG00000275801	0	NA	NA	NA	NA	
NA	ENSG00000275803	0	NA	NA	NA	NA	RN7SL736P
NA	ENSG00000275805	4.31850397	0.1078244	0.38477704	0.37004403	0.59932029	
NA	ENSG00000275807	79.9420482	0.21870907	0.24770808	0.26087591	0.48276874	
NA	ENSG00000275808	0	NA	NA	NA	NA	
102465878	ENSG00000275810	0	NA	NA	NA	NA	MIR8082
NA	ENSG00000275811	0	NA	NA	NA	NA	HTR1DP1
NA	ENSG00000275812	0	NA	NA	NA	NA	
102466656	ENSG00000275816	0	NA	NA	NA	NA	MIR6500
102466742	ENSG00000275818	0	NA	NA	NA	NA	MIR6818
NA	ENSG00000275823	0	NA	NA	NA	NA	
NA	ENSG00000275826	0	NA	NA	NA	NA	
NA	ENSG00000275827	0	NA	NA	NA	NA	
NA	ENSG00000275828	0	NA	NA	NA	NA	CHEK2P1
NA	ENSG00000275830	0	NA	NA	NA	NA	
57636	ENSG00000275832	737.268598	-0.62471583	0.17925443	0.00012491	0.00092645	ARHGAP23
NA	ENSG00000275833	0	NA	NA	NA	NA	
NA	ENSG00000275834	0	NA	NA	NA	NA	
114791	ENSG00000275835	469.233215	-0.15275016	0.13974182	0.23877206	0.45651322	TUBGCP5
102464823	ENSG00000275836	0	NA	NA	NA	NA	MIR6068
NA	ENSG00000275839	0.3184176	0.00135477	0.3833684	0.9640981	NA	
NA	ENSG00000275840	0	NA	NA	NA	NA	
NA	ENSG00000275846	1.80104108	-0.00607291	0.37549373	0.94050287	NA	
NA	ENSG00000275850	0.32289827	0.00128339	0.38336763	0.96879171	NA	
105376992	ENSG00000275852	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01742
NA	ENSG00000275853	0	NA	NA	NA	NA	
NA	ENSG00000275854	21.0296253	-0.03118745	0.30620943	0.86765029	0.94200403	
NA	ENSG00000275856	0	NA	NA	NA	NA	
NA	ENSG00000275857	2.32859019	-0.11469969	0.40845615	0.03554031	NA	
102466720	ENSG00000275859	0	NA	NA	NA	NA	MIR6720
NA	ENSG00000275860	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000275862	0	NA	NA	NA	NA	
102466872	ENSG00000275863	0	NA	NA	NA	NA	MIR7975
NA	ENSG00000275866	0	NA	NA	NA	NA	

102465860	ENSG00000275868	0	NA	NA	NA	NA	MIR8054
NA	ENSG00000275871	0	NA	NA	NA	NA	
378825	ENSG00000275874	0	NA	NA	NA	NA	PIC SAR
NA	ENSG00000275875	0	NA	NA	NA	NA	
NA	ENSG00000275877	0	NA	NA	NA	NA	
NA	ENSG00000275878	0	NA	NA	NA	NA	RN7SL43P
NA	ENSG00000275880	6.84731691	0.19907859	0.4183717	0.19150528	0.39331932	
NA	ENSG00000275881	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000275882	22.617534	0.04130058	0.38413657	0.48208044	0.70272402	IKBKGP1
NA	ENSG00000275888	16.131502	-0.04834384	0.3286083	0.77986601	0.89930494	
NA	ENSG00000275894	0.98410437	0.025105	0.38220209	0.64882158	NA	
102724594	ENSG00000275895	1327.01479	0.28601764	0.27768632	0.16771667	0.35871254	U2AF1L5
5645	ENSG00000275896	0	NA	NA	NA	NA	PRSS2
NA	ENSG00000275897	1.16937571	0.02106153	0.3793365	0.76112925	NA	
NA	ENSG00000275898	0	NA	NA	NA	NA	
NA	ENSG00000275900	0	NA	NA	NA	NA	
NA	ENSG00000275901	0	NA	NA	NA	NA	
NA	ENSG00000275902	15.6216568	0.0494582	0.3556713	0.73301811	0.87261966	
NA	ENSG00000275905	0	NA	NA	NA	NA	
NA	ENSG00000275906	0	NA	NA	NA	NA	NAPGP2
NA	ENSG00000275908	0	NA	NA	NA	NA	
NA	ENSG00000275909	0	NA	NA	NA	NA	
NA	ENSG00000275910	4.67887122	-0.06956046	0.3727286	0.55674421	0.76220019	
NA	ENSG00000275915	0	NA	NA	NA	NA	
NA	ENSG00000275919	0	NA	NA	NA	NA	
NA	ENSG00000275923	0	NA	NA	NA	NA	
102465976	ENSG00000275924	0	NA	NA	NA	NA	MIR6807
NA	ENSG00000275927	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000275928	0	NA	NA	NA	NA	REXO1L11P
NA	ENSG00000275929	0	NA	NA	NA	NA	
NA	ENSG00000275933	0	NA	NA	NA	NA	
NA	ENSG00000275936	2.17290616	-0.05086072	0.38011868	0.54391441	NA	
NA	ENSG00000275939	0	NA	NA	NA	NA	
NA	ENSG00000275940	0.36212185	0.00052322	0.3833627	0.97084777	NA	MRPL57P3
NA	ENSG00000275942	0	NA	NA	NA	NA	
NA	ENSG00000275944	0	NA	NA	NA	NA	
NA	ENSG00000275945	0	NA	NA	NA	NA	EIF3FP1
NA	ENSG00000275948	0	NA	NA	NA	NA	

102465433	ENSG00000275950	0	NA	NA	NA	NA	MIR6724-1
NA	ENSG00000275953	0	NA	NA	NA	NA	
84218	ENSG00000275954	0	NA	NA	NA	NA	TBC1D3F
NA	ENSG00000275956	6.66834022	-0.03391413	0.35322179	0.8117707	0.91472316	
NA	ENSG00000275958	0	NA	NA	NA	NA	
NA	ENSG00000275959	0	NA	NA	NA	NA	
NA	ENSG00000275961	0	NA	NA	NA	NA	RN7SL210P
NA	ENSG00000275963	4.37256146	0.07428068	0.3735068	0.53729981	0.74759591	
NA	ENSG00000275964	95.3090428	0.28965653	0.22849747	0.12304364	0.29041423	
NA	ENSG00000275965	0	NA	NA	NA	NA	
102466204	ENSG00000275967	0	NA	NA	NA	NA	MIR6880
NA	ENSG00000275968	0	NA	NA	NA	NA	
727830	ENSG00000275969	0	NA	NA	NA	NA	SPATA31A3
NA	ENSG00000275971	0	NA	NA	NA	NA	
NA	ENSG00000275975	0	NA	NA	NA	NA	
NA	ENSG00000275976	3.54739679	-0.09118615	0.3898791	0.3082454	0.53579716	
NA	ENSG00000275978	0	NA	NA	NA	NA	
NA	ENSG00000275980	0	NA	NA	NA	NA	
NA	ENSG00000275981	0	NA	NA	NA	NA	
NA	ENSG00000275982	0	NA	NA	NA	NA	
NA	ENSG00000275989	0	NA	NA	NA	NA	
102724428	ENSG00000275993	119.06843	-0.07307324	0.20586134	0.67345096	0.83953925	SIK1B
677809	ENSG00000275994	0	NA	NA	NA	NA	SNORA24
NA	ENSG00000275995	0.32254058	0.00091873	0.38336503	0.97227703	NA	
9301	ENSG00000275996	0	NA	NA	NA	NA	SNORD27
NA	ENSG00000275997	0	NA	NA	NA	NA	
NA	ENSG00000276002	0	NA	NA	NA	NA	
NA	ENSG00000276003	0	NA	NA	NA	NA	
NA	ENSG00000276006	0	NA	NA	NA	NA	REXO1L12P
NA	ENSG00000276007	17.3030348	-0.07406396	0.3257741	0.6794558	0.84357967	
NA	ENSG00000276012	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000276014	0	NA	NA	NA	NA	RN7SL301P
NA	ENSG00000276015	0	NA	NA	NA	NA	
NA	ENSG00000276019	0	NA	NA	NA	NA	
11072	ENSG00000276023	203.727373	0.00975703	0.16146931	0.95025926	0.97957708	DUSP14
267010	ENSG00000276027	0	NA	NA	NA	NA	RNU12
100616184	ENSG00000276029	0	NA	NA	NA	NA	MIR4477A
NA	ENSG00000276030	0.173733	0.01914545	0.38484597	0.78225479	NA	

NA	ENSG00000276031	0	NA	NA	NA	NA	RN7SL197P
NA	ENSG00000276036	0	NA	NA	NA	NA	RNA5SP440
NA	ENSG00000276039	0	NA	NA	NA	NA	
26165	ENSG00000276040	0	NA	NA	NA	NA	SPATA31A7
29128	ENSG00000276043	3438.07753	-0.51979213	0.0660325	1.34E-15	3.81E-14	UHRF1
84876	ENSG00000276045	172.334925	0.00242496	0.16379061	0.98806716	0.99589897	ORAI1
NA	ENSG00000276046	0	NA	NA	NA	NA	DUX4L13
NA	ENSG00000276047	0	NA	NA	NA	NA	RN7SL711P
NA	ENSG00000276048	7.95710431	-0.03118855	0.35511644	0.82167859	0.91847813	
NA	ENSG00000276050	0	NA	NA	NA	NA	IGKV2OR2-10
NA	ENSG00000276054	0.3404858	-0.00025305	0.38336241	0.96765125	NA	
NA	ENSG00000276055	0	NA	NA	NA	NA	
NA	ENSG00000276057	0	NA	NA	NA	NA	
NA	ENSG00000276058	0	NA	NA	NA	NA	STMN1P1
NA	ENSG00000276063	0	NA	NA	NA	NA	
NA	ENSG00000276064	0	NA	NA	NA	NA	
NA	ENSG00000276067	0.16735865	0.01897177	0.38482933	0.78225479	NA	SLC23A4P
9560	ENSG00000276070	0	NA	NA	NA	NA	CCL4L2
388372	ENSG00000276070	0	NA	NA	NA	NA	CCL4L2
NA	ENSG00000276071	19.6428832	-0.03541971	0.31169249	0.84573238	0.93001499	
NA	ENSG00000276074	0	NA	NA	NA	NA	
NA	ENSG00000276075	6.28659324	0.01025086	0.35530119	0.94248585	0.97629193	
102724652	ENSG00000276076	1.41481843	0.05238813	0.38438394	0.43018988	NA	CRYAA2
NA	ENSG00000276077	45.7896523	-0.01957102	0.38445002	0.5491759	0.75564532	
102466995	ENSG00000276081	0	NA	NA	NA	NA	MIR7156
102465857	ENSG00000276083	0	NA	NA	NA	NA	MIR7976
6349	ENSG00000276085	0	NA	NA	NA	NA	CCL3L3
414062	ENSG00000276085	0	NA	NA	NA	NA	CCL3L3
6349	ENSG00000276085	0	NA	NA	NA	NA	CCL3L1
414062	ENSG00000276085	0	NA	NA	NA	NA	CCL3L1
NA	ENSG00000276087	4.66636835	-0.08414667	0.37327814	0.50527093	0.72150391	
NA	ENSG00000276088	0	NA	NA	NA	NA	RN7SL620P
NA	ENSG00000276089	0	NA	NA	NA	NA	
NA	ENSG00000276092	0.32532018	0.00195183	0.38337465	0.96162451	NA	
NA	ENSG00000276093	0	NA	NA	NA	NA	
NA	ENSG00000276094	0	NA	NA	NA	NA	
NA	ENSG00000276095	0.30139824	-0.02296476	0.38527817	0.68536535	NA	FAM230F
NA	ENSG00000276096	0	NA	NA	NA	NA	

NA	ENSG00000276097	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000276098	0	NA	NA	NA	NA	
NA	ENSG00000276100	0	NA	NA	NA	NA	
NA	ENSG00000276101	0	NA	NA	NA	NA	
102465447	ENSG00000276102	0	NA	NA	NA	NA	MIR6747
NA	ENSG00000276103	0	NA	NA	NA	NA	
NA	ENSG00000276105	0	NA	NA	NA	NA	
NA	ENSG00000276107	0	NA	NA	NA	NA	THBS1-IT1
NA	ENSG00000276109	0	NA	NA	NA	NA	
NA	ENSG00000276110	0.86564112	-0.0082628	0.38212851	0.86120773	NA	
NA	ENSG00000276115	28.8008591	-0.24295786	0.3376906	0.24712356	0.46606087	
NA	ENSG00000276116	12.985552	0.15107517	0.35635886	0.40378774	0.63179407	FUT8-AS1
NA	ENSG00000276118	0	NA	NA	NA	NA	
392376	ENSG00000276119	0	NA	NA	NA	NA	OR13C2
NA	ENSG00000276121	0	NA	NA	NA	NA	
NA	ENSG00000276122	0	NA	NA	NA	NA	
NA	ENSG00000276123	0	NA	NA	NA	NA	
102466750	ENSG00000276124	0	NA	NA	NA	NA	MIR6855
NA	ENSG00000276127	0	NA	NA	NA	NA	
NA	ENSG00000276128	7.14718379	0.04323833	0.35541773	0.76132849	0.88963735	
NA	ENSG00000276131	19.0843288	-0.03042212	0.32645898	0.85955284	0.93751308	
NA	ENSG00000276136	1.19462447	0.01861751	0.37911443	0.78790431	NA	
102465139	ENSG00000276137	0	NA	NA	NA	NA	MIR6133
NA	ENSG00000276140	0	NA	NA	NA	NA	
NA	ENSG00000276141	13.7054498	-0.16202983	0.3637846	0.36438139	0.59407731	WHAMMP3
102465247	ENSG00000276147	0	NA	NA	NA	NA	MIR548AY
NA	ENSG00000276148	0.61187858	-0.01558678	0.38336658	0.72334844	NA	
NA	ENSG00000276149	0	NA	NA	NA	NA	
NA	ENSG00000276150	0	NA	NA	NA	NA	
NA	ENSG00000276156	0	NA	NA	NA	NA	
100302251	ENSG00000276158	0	NA	NA	NA	NA	MIR1264
NA	ENSG00000276160	0.34746601	0.02370763	0.3853651	0.61987128	NA	GGTLC5P
NA	ENSG00000276161	0	NA	NA	NA	NA	SNORA17B
102466081	ENSG00000276162	0	NA	NA	NA	NA	MIR5739
NA	ENSG00000276166	6.0854194	-0.09416699	0.3726233	0.48046427	0.70158112	
6029	ENSG00000276168	168.916333	-0.4607483	0.195896	0.00732477	0.03209438	RN7SL1
102466912	ENSG00000276169	0	NA	NA	NA	NA	MIR6871
NA	ENSG00000276170	0	NA	NA	NA	NA	

NA	ENSG00000276172	0	NA	NA	NA	NA	ELMO2P1
NA	ENSG00000276174	0.93652842	-0.01827041	0.38097417	0.75717385	NA	
102466104	ENSG00000276176	0	NA	NA	NA	NA	MIR6090
NA	ENSG00000276178	0	NA	NA	NA	NA	
NA	ENSG00000276179	0	NA	NA	NA	NA	
8294	ENSG00000276180	22.4384117	-0.44909258	0.44732272	0.07162458	0.19481541	H4C9
102466196	ENSG00000276181	0	NA	NA	NA	NA	MIR6794
NA	ENSG00000276183	0	NA	NA	NA	NA	
NA	ENSG00000276185	0	NA	NA	NA	NA	
NA	ENSG00000276188	0.83738314	-0.01013442	0.38086921	0.85813783	NA	
NA	ENSG00000276189	0	NA	NA	NA	NA	
NA	ENSG00000276193	0	NA	NA	NA	NA	
NA	ENSG00000276200	0	NA	NA	NA	NA	RN7SL820P
NA	ENSG00000276202	0	NA	NA	NA	NA	
642929	ENSG00000276203	9.60846347	-2.34776075	1.03015663	0.00094674	0.0056542	ANKRD20A3P
NA	ENSG00000276204	0	NA	NA	NA	NA	
NA	ENSG00000276205	0	NA	NA	NA	NA	
NA	ENSG00000276206	0	NA	NA	NA	NA	
NA	ENSG00000276208	0	NA	NA	NA	NA	
NA	ENSG00000276210	0	NA	NA	NA	NA	LINC00226
NA	ENSG00000276213	0	NA	NA	NA	NA	
NA	ENSG00000276214	0	NA	NA	NA	NA	
NA	ENSG00000276216	2.52852851	-0.0394821	0.37659847	0.65754126	NA	
102466874	ENSG00000276221	0	NA	NA	NA	NA	MIR8057
NA	ENSG00000276223	0.33951523	0.0026274	0.38338453	0.96337238	NA	
NA	ENSG00000276225	0	NA	NA	NA	NA	
NA	ENSG00000276229	0	NA	NA	NA	NA	
146850	ENSG00000276231	0	NA	NA	NA	NA	PIK3R6
NA	ENSG00000276232	0	NA	NA	NA	NA	
NA	ENSG00000276233	0	NA	NA	NA	NA	
6871	ENSG00000276234	378.434298	-0.14137843	0.12961723	0.24715643	0.46606087	TADA2A
26687	ENSG00000276240	0	NA	NA	NA	NA	OR4E1
NA	ENSG00000276241	0	NA	NA	NA	NA	
NA	ENSG00000276248	77.3703348	-0.01969177	0.21662543	0.91111186	0.96217913	
NA	ENSG00000276250	1.7969963	0.00017869	0.37748987	0.99943827	NA	
NA	ENSG00000276251	0.68713811	-0.01906805	0.38352241	0.66664813	NA	
100506571	ENSG00000276255	2.99082638	0.10086764	0.39169053	0.29330646	0.51947867	LINC02809
NA	ENSG00000276259	0	NA	NA	NA	NA	

NA	ENSG00000276261	0.35704402	0.02381967	0.38538147	0.61383382	NA	
NA	ENSG00000276266	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000276269	0	NA	NA	NA	NA	
102465479	ENSG00000276270	0	NA	NA	NA	NA	MIR6799
NA	ENSG00000276272	2.66986563	-0.03854964	0.37613833	0.67054382	0.83767652	
NA	ENSG00000276277	0	NA	NA	NA	NA	
NA	ENSG00000276278	0	NA	NA	NA	NA	
NA	ENSG00000276281	0	NA	NA	NA	NA	RN7SL126P
NA	ENSG00000276282	1.00544885	-0.01895689	0.38080664	0.75198963	NA	
102723475	ENSG00000276289	0	NA	NA	NA	NA	KCNE1B
NA	ENSG00000276290	0.16735865	0.01897177	0.38482933	0.78225479	NA	RBBP4P3
NA	ENSG00000276291	377.027608	0.19894882	0.12419205	0.08994969	0.23053894	FRG1HP
NA	ENSG00000276292	0.46771414	-0.00950395	0.38288401	0.84882537	NA	
8396	ENSG00000276293	4204.04889	-0.20053999	0.06027045	0.00074754	0.00458458	PIP4K2B
NA	ENSG00000276294	0	NA	NA	NA	NA	
NA	ENSG00000276298	0.83650145	-0.03468234	0.38346448	0.50632851	NA	
NA	ENSG00000276302	3.5190504	-0.02120763	0.37071794	0.83436648	0.9243819	
NA	ENSG00000276304	0	NA	NA	NA	NA	
NA	ENSG00000276308	0	NA	NA	NA	NA	
NA	ENSG00000276309	0	NA	NA	NA	NA	RN7SKP251
91380	ENSG00000276314	0	NA	NA	NA	NA	SNORD107
NA	ENSG00000276316	0	NA	NA	NA	NA	OR8G7P
NA	ENSG00000276317	5.87430093	0.21591348	0.43935965	0.13526853	0.30983738	
NA	ENSG00000276318	0	NA	NA	NA	NA	GTF2IP8
102465876	ENSG00000276319	0	NA	NA	NA	NA	MIR8079
100422969	ENSG00000276326	0	NA	NA	NA	NA	MIR2909
NA	ENSG00000276332	0	NA	NA	NA	NA	
NA	ENSG00000276334	48.7581535	0.16650683	0.2644393	0.39975384	0.62831531	
NA	ENSG00000276337	3.22346779	-0.05941554	0.37393664	0.58689596	0.78237765	
NA	ENSG00000276348	0	NA	NA	NA	NA	
102465517	ENSG00000276350	0	NA	NA	NA	NA	MIR6858
768214	ENSG00000276352	0	NA	NA	NA	NA	MIR668
NA	ENSG00000276353	0	NA	NA	NA	NA	
NA	ENSG00000276359	0	NA	NA	NA	NA	
NA	ENSG00000276362	0	NA	NA	NA	NA	
406937	ENSG00000276365	0	NA	NA	NA	NA	MIR145
NA	ENSG00000276366	0	NA	NA	NA	NA	
8331	ENSG00000276368	4.97983557	0.09311851	0.37397877	0.47760352	0.69938463	H2AC14

NA	ENSG00000276375	0	NA	NA	NA	NA	
NA	ENSG00000276376	0	NA	NA	NA	NA	
389898	ENSG00000276380	0	NA	NA	NA	NA	UBE2NL
NA	ENSG00000276384	0.53677124	0.01456045	0.38297824	0.72907664	NA	
NA	ENSG00000276385	0	NA	NA	NA	NA	
NA	ENSG00000276386	0	NA	NA	NA	NA	CNTNAP3P2
NA	ENSG00000276388	0	NA	NA	NA	NA	
NA	ENSG00000276390	0.68121916	0.03109317	0.38355837	0.54962576	NA	
NA	ENSG00000276391	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000276393	0	NA	NA	NA	NA	
NA	ENSG00000276396	0	NA	NA	NA	NA	
400661	ENSG00000276397	0	NA	NA	NA	NA	LINC01879
NA	ENSG00000276398	0	NA	NA	NA	NA	
284124	ENSG00000276399	3.80952611	-0.12166872	0.39580717	0.26482032	0.48706137	
NA	ENSG00000276400	0	NA	NA	NA	NA	VN1R9P
NA	ENSG00000276403	0	NA	NA	NA	NA	
102465502	ENSG00000276404	0	NA	NA	NA	NA	MIR6835
NA	ENSG00000276405	0.32263008	-0.02325534	0.38531886	0.66952656	NA	TRBV13
NA	ENSG00000276406	0	NA	NA	NA	NA	
NA	ENSG00000276407	0	NA	NA	NA	NA	
NA	ENSG00000276408	1.54756073	0.02384472	0.37814908	0.75407751	NA	
6358	ENSG00000276409	0	NA	NA	NA	NA	CCL14
3018	ENSG00000276410	0	NA	NA	NA	NA	H2BC3
NA	ENSG00000276411	0	NA	NA	NA	NA	
NA	ENSG00000276412	0.68701652	0.00324998	0.3812756	0.94919995	NA	
NA	ENSG00000276413	0	NA	NA	NA	NA	
NA	ENSG00000276417	2.26396549	0.11803459	0.40014203	0.20193854	NA	
NA	ENSG00000276418	2.48404286	-0.07900588	0.3854693	0.38404381	NA	
NA	ENSG00000276422	0	NA	NA	NA	NA	
NA	ENSG00000276426	0	NA	NA	NA	NA	
NA	ENSG00000276427	0	NA	NA	NA	NA	IGLL4P
NA	ENSG00000276428	0	NA	NA	NA	NA	
NA	ENSG00000276431	0	NA	NA	NA	NA	
NA	ENSG00000276434	2.91941937	-0.08600427	0.38494558	0.38628691	0.61547802	
NA	ENSG00000276436	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000276445	3.32446456	-0.06143515	0.37456975	0.57167861	0.7718342	
NA	ENSG00000276449	41.7788933	0.24679967	0.29971738	0.23867972	0.45642463	
NA	ENSG00000276454	0	NA	NA	NA	NA	

NA	ENSG00000276457	0	NA	NA	NA	NA	FKBP4P8
NA	ENSG00000276460	0	NA	NA	NA	NA	
440896	ENSG00000276462	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000276467	0	NA	NA	NA	NA	
NA	ENSG00000276470	0	NA	NA	NA	NA	
NA	ENSG00000276471	0	NA	NA	NA	NA	
NA	ENSG00000276473	0	NA	NA	NA	NA	
NA	ENSG00000276474	0	NA	NA	NA	NA	
NA	ENSG00000276475	0	NA	NA	NA	NA	
100506622	ENSG00000276476	0	NA	NA	NA	NA	
NA	ENSG00000276478	0	NA	NA	NA	NA	
102466162	ENSG00000276479	0	NA	NA	NA	NA	MIR548AZ
NA	ENSG00000276484	0	NA	NA	NA	NA	
NA	ENSG00000276486	0	NA	NA	NA	NA	
NA	ENSG00000276487	0	NA	NA	NA	NA	
NA	ENSG00000276488	19.1171241	0.18624994	0.3587826	0.33216318	0.56133881	
102465977	ENSG00000276489	0	NA	NA	NA	NA	MIR6829
NA	ENSG00000276490	0	NA	NA	NA	NA	
NA	ENSG00000276493	0	NA	NA	NA	NA	
NA	ENSG00000276494	0	NA	NA	NA	NA	
NA	ENSG00000276496	0	NA	NA	NA	NA	
NA	ENSG00000276500	0.15069912	-0.01848503	0.38480575	0.84537521	NA	BMS1P14
NA	ENSG00000276502	0	NA	NA	NA	NA	
NA	ENSG00000276505	2.53395198	-0.0587973	0.37907006	0.53148983	NA	
NA	ENSG00000276507	0	NA	NA	NA	NA	
NA	ENSG00000276508	0	NA	NA	NA	NA	
NA	ENSG00000276509	0	NA	NA	NA	NA	
NA	ENSG00000276514	0	NA	NA	NA	NA	
NA	ENSG00000276517	40.5793905	0.0467387	0.26433332	0.80835065	0.91317199	
NA	ENSG00000276519	0	NA	NA	NA	NA	
NA	ENSG00000276520	0	NA	NA	NA	NA	
NA	ENSG00000276521	0	NA	NA	NA	NA	
NA	ENSG00000276523	10.5946635	-0.03768097	0.34001885	0.81432526	0.91592004	
NA	ENSG00000276524	2.31439863	-0.01218419	0.3722753	0.89718892	NA	
NA	ENSG00000276525	0	NA	NA	NA	NA	
NA	ENSG00000276527	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000276528	0	NA	NA	NA	NA	
NA	ENSG00000276529	49.7241084	0.3817449	0.3018198	0.08316794	0.21765622	

NA	ENSG00000276530	0	NA	NA	NA	NA	
NA	ENSG00000276531	0	NA	NA	NA	NA	SNX19P4
NA	ENSG00000276532	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000276533	1.72725701	0.03050331	0.37860118	0.69255693	NA	
NA	ENSG00000276535	0	NA	NA	NA	NA	
NA	ENSG00000276538	0	NA	NA	NA	NA	
NA	ENSG00000276540	0	NA	NA	NA	NA	REXO1L10P
NA	ENSG00000276542	0	NA	NA	NA	NA	
NA	ENSG00000276545	1.96685766	-0.01840045	0.37396164	0.83870637	NA	PCDHGB9P
56101	ENSG00000276547	11.6930162	-2.2301475	0.85289824	0.00043235	0.00284129	PCDHGB5
NA	ENSG00000276548	0	NA	NA	NA	NA	
NA	ENSG00000276550	2920.49418	0.36689971	0.0743051	4.68E-07	5.61E-06	HERC2P2
NA	ENSG00000276556	0	NA	NA	NA	NA	
NA	ENSG00000276557	0	NA	NA	NA	NA	TRBV18
NA	ENSG00000276562	0.33471731	0.02354391	0.38534154	0.62842204	NA	RN7SL565P
NA	ENSG00000276563	0	NA	NA	NA	NA	
NA	ENSG00000276564	4.94792543	-0.12283122	0.38509809	0.3522174	0.58213871	
NA	ENSG00000276566	0	NA	NA	NA	NA	IGKV1D-13
NA	ENSG00000276568	0	NA	NA	NA	NA	
NA	ENSG00000276569	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000276570	97.0699919	-0.0037875	0.20200197	0.98108167	0.99355086	
NA	ENSG00000276571	5.88257718	0.06985454	0.36645279	0.59897752	0.7902982	
NA	ENSG00000276573	0	NA	NA	NA	NA	
102465539	ENSG00000276575	0	NA	NA	NA	NA	MIR6895
NA	ENSG00000276576	0	NA	NA	NA	NA	MRPL30P1
NA	ENSG00000276577	0	NA	NA	NA	NA	RNU6-467P
NA	ENSG00000276578	0.33471731	0.02354391	0.38534154	0.62842204	NA	
102465861	ENSG00000276580	0	NA	NA	NA	NA	MIR8055
727905	ENSG00000276581	0	NA	NA	NA	NA	SPATA31A5
102465441	ENSG00000276584	0	NA	NA	NA	NA	MIR6737
NA	ENSG00000276586	0	NA	NA	NA	NA	
NA	ENSG00000276588	0	NA	NA	NA	NA	RN7SL322P
NA	ENSG00000276592	8.90498429	0.09965346	0.37448549	0.45944449	0.68258752	PHBP6
NA	ENSG00000276593	0.32226603	-0.0232524	0.38531842	0.66973715	NA	
NA	ENSG00000276597	0	NA	NA	NA	NA	TRBV11-3
102466271	ENSG00000276598	0	NA	NA	NA	NA	MIR6893
NA	ENSG00000276599	0	NA	NA	NA	NA	RNA5SP411
338382	ENSG00000276600	2.60522964	0.14670188	0.41655553	0.10370718	0.25616912	RAB7B

NA	ENSG00000276601	0	NA	NA	NA	NA	
NA	ENSG00000276603	8.30237667	0.04707498	0.34984612	0.75823587	0.88767331	
NA	ENSG00000276605	0	NA	NA	NA	NA	
NA	ENSG00000276609	0	NA	NA	NA	NA	
347686	ENSG00000276610	0	NA	NA	NA	NA	SNORD64
NA	ENSG00000276612	3.16468152	-0.09884366	0.40281625	0.0316241	0.10460523	
NA	ENSG00000276620	0	NA	NA	NA	NA	
102465246	ENSG00000276622	0	NA	NA	NA	NA	MIR6499
NA	ENSG00000276623	0	NA	NA	NA	NA	
NA	ENSG00000276626	0	NA	NA	NA	NA	
NA	ENSG00000276627	0	NA	NA	NA	NA	
NA	ENSG00000276631	0	NA	NA	NA	NA	
NA	ENSG00000276632	0	NA	NA	NA	NA	
NA	ENSG00000276633	2.67921445	-0.01143558	0.37325097	0.89935829	0.95557174	
NA	ENSG00000276637	0	NA	NA	NA	NA	
NA	ENSG00000276638	0	NA	NA	NA	NA	
102465691	ENSG00000276639	0	NA	NA	NA	NA	MIR7154
102466731	ENSG00000276641	0	NA	NA	NA	NA	MIR6769A
NA	ENSG00000276642	0	NA	NA	NA	NA	
NA	ENSG00000276643	0	NA	NA	NA	NA	
1602	ENSG00000276644	1138.93472	4.01002781	0.10958321	1.66E-294	8.24E-291	DACH1
NA	ENSG00000276645	0	NA	NA	NA	NA	
NA	ENSG00000276647	0	NA	NA	NA	NA	KRTAP12-6P
NA	ENSG00000276649	0.53049881	0.01326049	0.38343034	0.74975254	NA	
NA	ENSG00000276650	0	NA	NA	NA	NA	
NA	ENSG00000276651	1.50441073	0.03963016	0.38174129	0.56370798	NA	
NA	ENSG00000276653	0	NA	NA	NA	NA	RN7SL856P
102464832	ENSG00000276656	0	NA	NA	NA	NA	MIR6083
NA	ENSG00000276662	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000276663	2.36074624	-0.07695585	0.38781934	0.33303631	NA	
NA	ENSG00000276664	0	NA	NA	NA	NA	
NA	ENSG00000276667	0	NA	NA	NA	NA	
NA	ENSG00000276668	0	NA	NA	NA	NA	
NA	ENSG00000276669	0	NA	NA	NA	NA	
NA	ENSG00000276670	0	NA	NA	NA	NA	
NA	ENSG00000276672	97.8543013	-0.74062199	0.24851519	0.00051875	0.00333181	
NA	ENSG00000276673	0	NA	NA	NA	NA	
NA	ENSG00000276674	0.70570654	0.05131008	0.38860761	0.29541608	NA	IGKV1OR1-1

NA	ENSG00000276675	0	NA	NA	NA	NA	
NA	ENSG00000276678	0	NA	NA	NA	NA	
NA	ENSG00000276680	0	NA	NA	NA	NA	
NA	ENSG00000276685	0	NA	NA	NA	NA	
NA	ENSG00000276687	0	NA	NA	NA	NA	
NA	ENSG00000276688	0	NA	NA	NA	NA	
NA	ENSG00000276689	0	NA	NA	NA	NA	
NA	ENSG00000276690	0	NA	NA	NA	NA	
NA	ENSG00000276691	0.32408082	-0.02327506	0.38532165	0.66846077	NA	
NA	ENSG00000276693	0	NA	NA	NA	NA	
NA	ENSG00000276696	0	NA	NA	NA	NA	
NA	ENSG00000276698	8.04910117	-0.04099162	0.35242121	0.77807349	0.8983839	
NA	ENSG00000276699	0	NA	NA	NA	NA	TRAJ36
NA	ENSG00000276702	0.60003146	-0.03562257	0.38653686	0.43872569	NA	
NA	ENSG00000276703	0	NA	NA	NA	NA	RPS29P32
NA	ENSG00000276704	0.63771199	0.00378457	0.38197571	0.93497191	NA	
NA	ENSG00000276706	0	NA	NA	NA	NA	
NA	ENSG00000276707	0	NA	NA	NA	NA	
NA	ENSG00000276710	448.847845	0.24625784	0.1190435	0.02917187	0.09819645	CSPG4P10
102465668	ENSG00000276712	0	NA	NA	NA	NA	MIR7111
NA	ENSG00000276713	0	NA	NA	NA	NA	
284100	ENSG00000276715	0	NA	NA	NA	NA	YWHAEP7
138652	ENSG00000276717	0	NA	NA	NA	NA	PRSS47
NA	ENSG00000276718	2.10761536	-0.00142752	0.37291694	0.98636314	NA	
NA	ENSG00000276721	0	NA	NA	NA	NA	
NA	ENSG00000276722	0	NA	NA	NA	NA	
NA	ENSG00000276723	0	NA	NA	NA	NA	
NA	ENSG00000276724	14.8462314	0.02435173	0.3285627	0.88936518	0.95181279	
NA	ENSG00000276727	1.46019832	0.03756734	0.381584	0.58026397	NA	
NA	ENSG00000276728	17.5151265	-0.10784387	0.32656919	0.56076933	0.76437187	
NA	ENSG00000276729	0	NA	NA	NA	NA	
NA	ENSG00000276730	0	NA	NA	NA	NA	
102465693	ENSG00000276733	0	NA	NA	NA	NA	MIR7158
NA	ENSG00000276735	0	NA	NA	NA	NA	
NA	ENSG00000276738	0	NA	NA	NA	NA	
NA	ENSG00000276740	3.53096051	0.02532255	0.37079065	0.80823618	0.91317199	
NA	ENSG00000276742	3.61721762	-0.11298968	0.39956734	0.19530713	0.39885676	
NA	ENSG00000276744	2.74610496	-0.00203422	0.37225637	0.98116685	0.99355086	

NA	ENSG00000276746	0.173733	0.01914545	0.38484597	0.78225479	NA	
353238	ENSG00000276747	0	NA	NA	NA	NA	PADI6
102465493	ENSG00000276753	0	NA	NA	NA	NA	MIR6821
NA	ENSG00000276754	0	NA	NA	NA	NA	
NA	ENSG00000276755	0	NA	NA	NA	NA	
101927429	ENSG00000276756	0	NA	NA	NA	NA	
NA	ENSG00000276757	1.96679103	0.01420474	0.37556035	0.86723251	NA	RN7SL192P
NA	ENSG00000276758	0	NA	NA	NA	NA	
100506422	ENSG00000276759	0	NA	NA	NA	NA	
NA	ENSG00000276763	1.29722529	-0.04671242	0.38248005	0.50707354	NA	
NA	ENSG00000276764	0	NA	NA	NA	NA	
102465872	ENSG00000276765	0	NA	NA	NA	NA	MIR8073
NA	ENSG00000276768	1.09852966	0.05084136	0.38677412	0.33197309	NA	
102465450	ENSG00000276769	0	NA	NA	NA	NA	MIR6752
102466746	ENSG00000276770	0	NA	NA	NA	NA	MIR6780B
NA	ENSG00000276771	0	NA	NA	NA	NA	
NA	ENSG00000276772	1.04377002	0.02693717	0.38147744	0.65445005	NA	
NA	ENSG00000276775	0	NA	NA	NA	NA	IGHV4-4
101927697	ENSG00000276778	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC02227
NA	ENSG00000276782	0	NA	NA	NA	NA	
NA	ENSG00000276784	0	NA	NA	NA	NA	
NA	ENSG00000276786	0	NA	NA	NA	NA	
9302	ENSG00000276788	0	NA	NA	NA	NA	SNORD26
NA	ENSG00000276789	0	NA	NA	NA	NA	MRGPRX8P
NA	ENSG00000276790	0	NA	NA	NA	NA	
NA	ENSG00000276791	40.1223873	0.10575899	0.27863391	0.59104561	0.78568476	
NA	ENSG00000276800	0	NA	NA	NA	NA	
NA	ENSG00000276805	301.502199	0.42204341	0.14209629	0.00141286	0.00797085	
NA	ENSG00000276807	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000276809	0	NA	NA	NA	NA	
NA	ENSG00000276810	0	NA	NA	NA	NA	
NA	ENSG00000276814	9.8234205	0.079061	0.35024309	0.6232102	0.80781983	
NA	ENSG00000276819	0	NA	NA	NA	NA	TRBV15
NA	ENSG00000276822	0	NA	NA	NA	NA	
NA	ENSG00000276823	0	NA	NA	NA	NA	
102466816	ENSG00000276824	0	NA	NA	NA	NA	MIR7159
NA	ENSG00000276828	0	NA	NA	NA	NA	
NA	ENSG00000276829	0	NA	NA	NA	NA	

102466722	ENSG00000276830	0	NA	NA	NA	NA	MIR6730
NA	ENSG00000276831	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000276832	1.21626245	0.03965742	0.38256794	0.533389	NA	CDRT15P6
102466615	ENSG00000276835	0	NA	NA	NA	NA	MIR6127
NA	ENSG00000276839	0	NA	NA	NA	NA	
NA	ENSG00000276840	9.55734828	0.13313262	0.36976171	0.40921821	0.63717543	PMS2P10
NA	ENSG00000276841	0	NA	NA	NA	NA	
NA	ENSG00000276842	0.173733	0.01914545	0.38484597	0.78225479	NA	
100873857	ENSG00000276844	0	NA	NA	NA	NA	SNORD115-46
NA	ENSG00000276845	0	NA	NA	NA	NA	
NA	ENSG00000276846	8.04270553	0.06037458	0.35554821	0.68364593	0.84581786	
NA	ENSG00000276850	1.14858857	-0.03549141	0.38374256	0.50832842	NA	
NA	ENSG00000276851	0	NA	NA	NA	NA	
NA	ENSG00000276853	0.67473129	0.00384526	0.38189887	0.93462458	NA	
NA	ENSG00000276854	0	NA	NA	NA	NA	
NA	ENSG00000276855	26.986756	0.33734509	0.37213583	0.13631995	0.3113874	
102466189	ENSG00000276857	0	NA	NA	NA	NA	MIR6715A
NA	ENSG00000276859	0	NA	NA	NA	NA	
NA	ENSG00000276863	2.52948539	0.03096919	0.37223509	0.75973879	NA	
102466814	ENSG00000276866	0	NA	NA	NA	NA	MIR7151
NA	ENSG00000276867	1.96655492	-0.01337974	0.3740002	0.88031473	NA	
NA	ENSG00000276868	0	NA	NA	NA	NA	
102466982	ENSG00000276869	0	NA	NA	NA	NA	MIR6729
NA	ENSG00000276871	0	NA	NA	NA	NA	
NA	ENSG00000276873	0	NA	NA	NA	NA	
NA	ENSG00000276874	0	NA	NA	NA	NA	
102464827	ENSG00000276878	0	NA	NA	NA	NA	MIR6074
NA	ENSG00000276884	0	NA	NA	NA	NA	
NA	ENSG00000276888	0	NA	NA	NA	NA	
NA	ENSG00000276890	0	NA	NA	NA	NA	
NA	ENSG00000276892	0	NA	NA	NA	NA	
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NA	ENSG00000276897	0	NA	NA	NA	NA	
NA	ENSG00000276898	0	NA	NA	NA	NA	
NA	ENSG00000276900	26.4719937	0.18604143	0.32061597	0.35873274	0.58907942	
NA	ENSG00000276902	0	NA	NA	NA	NA	
8332	ENSG00000276903	3.62351963	0.00610356	0.37090029	0.9530699	0.98058207	H2AC16
102466222	ENSG00000276908	0	NA	NA	NA	NA	MIR7106

NA	ENSG00000276915	0	NA	NA	NA	NA	
NA	ENSG00000276916	0.65098547	0.00359692	0.3825002	0.93181962	NA	
102465877	ENSG00000276917	0	NA	NA	NA	NA	MIR8080
NA	ENSG00000276918	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000276919	0	NA	NA	NA	NA	
NA	ENSG00000276923	0	NA	NA	NA	NA	
NA	ENSG00000276925	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
102465478	ENSG00000276926	0	NA	NA	NA	NA	MIR6797
NA	ENSG00000276928	0	NA	NA	NA	NA	
NA	ENSG00000276929	0	NA	NA	NA	NA	
NA	ENSG00000276931	7.33038048	-0.02836818	0.35403337	0.83882211	0.92674595	
NA	ENSG00000276934	0.32260595	-0.02325515	0.38531883	0.66954051	NA	
NA	ENSG00000276940	0	NA	NA	NA	NA	PLCE1P1
100616223	ENSG00000276941	0	NA	NA	NA	NA	MIR4509-1
NA	ENSG00000276945	0.70331416	0.02958609	0.38326776	0.54748446	NA	
NA	ENSG00000276949	0	NA	NA	NA	NA	
25774	ENSG00000276950	0	NA	NA	NA	NA	GSTT4
NA	ENSG00000276951	0	NA	NA	NA	NA	
NA	ENSG00000276952	5.40885854	0.03048993	0.36128039	0.81391223	0.91592004	
NA	ENSG00000276953	0	NA	NA	NA	NA	TRBV12-4
NA	ENSG00000276956	0	NA	NA	NA	NA	RN7SL769P
NA	ENSG00000276957	0.75104288	-0.04349784	0.38757508	0.34403672	NA	
NA	ENSG00000276958	0	NA	NA	NA	NA	
NA	ENSG00000276960	0	NA	NA	NA	NA	
102466865	ENSG00000276961	0	NA	NA	NA	NA	MIR7848
NA	ENSG00000276963	0	NA	NA	NA	NA	
NA	ENSG00000276965	0	NA	NA	NA	NA	
8367	ENSG00000276966	8.09806559	-0.14937405	0.38044031	0.34416296	0.57451506	H4C5
NA	ENSG00000276968	2.59024499	0.05250777	0.37835912	0.56851877	0.76931138	
NA	ENSG00000276972	0	NA	NA	NA	NA	
NA	ENSG00000276975	0.5837379	0.0245281	0.38472593	0.69335578	NA	HYDIN2
NA	ENSG00000276980	0	NA	NA	NA	NA	
NA	ENSG00000276984	0	NA	NA	NA	NA	
NA	ENSG00000276988	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000276991	0	NA	NA	NA	NA	
NA	ENSG00000276992	0	NA	NA	NA	NA	
NA	ENSG00000276993	0	NA	NA	NA	NA	
NA	ENSG00000276997	47.649042	0.07361798	0.27709036	0.70576177	0.85814264	

NA	ENSG00000276998	0	NA	NA	NA	NA	REXO1L2P
NA	ENSG00000277000	0	NA	NA	NA	NA	DUSP12P1
NA	ENSG00000277001	0	NA	NA	NA	NA	
NA	ENSG00000277003	0	NA	NA	NA	NA	
NA	ENSG00000277004	0	NA	NA	NA	NA	RNA5SP412
NA	ENSG00000277007	16.7665123	0.25864358	0.39820124	0.20098163	0.40615916	
NA	ENSG00000277008	0	NA	NA	NA	NA	TEX28P2
NA	ENSG00000277009	0	NA	NA	NA	NA	
NA	ENSG00000277010	0	NA	NA	NA	NA	
NA	ENSG00000277011	0	NA	NA	NA	NA	
NA	ENSG00000277013	1.63069617	-0.01231367	0.37862262	0.85887314	NA	
NA	ENSG00000277017	0	NA	NA	NA	NA	
NA	ENSG00000277020	0	NA	NA	NA	NA	
NA	ENSG00000277022	2.33644147	0.04229494	0.38352298	0.49541098	NA	
NA	ENSG00000277024	0	NA	NA	NA	NA	
NA	ENSG00000277027	2.53075038	-0.09880392	0.39372731	0.25053928	NA	RMRP
NA	ENSG00000277029	0	NA	NA	NA	NA	RNU6-1192P
NA	ENSG00000277031	0	NA	NA	NA	NA	RN7SL796P
NA	ENSG00000277034	0	NA	NA	NA	NA	
NA	ENSG00000277035	0	NA	NA	NA	NA	
NA	ENSG00000277039	0	NA	NA	NA	NA	
NA	ENSG00000277040	0	NA	NA	NA	NA	
NA	ENSG00000277041	0	NA	NA	NA	NA	
NA	ENSG00000277043	0	NA	NA	NA	NA	EEF1A1P42
NA	ENSG00000277047	0	NA	NA	NA	NA	
NA	ENSG00000277049	0	NA	NA	NA	NA	RNA5SP530
NA	ENSG00000277050	1.87752011	0.05496092	0.38138124	0.50707635	NA	
NA	ENSG00000277051	0	NA	NA	NA	NA	
102465975	ENSG00000277052	0	NA	NA	NA	NA	MIR6763
2970	ENSG00000277053	3674.72758	0.0338334	0.06260318	0.60400108	0.79417995	GTF2IP1
NA	ENSG00000277056	0	NA	NA	NA	NA	
102465467	ENSG00000277057	0	NA	NA	NA	NA	MIR6779
649330	ENSG00000277058	0	NA	NA	NA	NA	HNRNPCL3
NA	ENSG00000277062	0	NA	NA	NA	NA	RN7SL88P
102467005	ENSG00000277063	0	NA	NA	NA	NA	MIR8084
NA	ENSG00000277066	0	NA	NA	NA	NA	
NA	ENSG00000277067	346.451001	-0.42663999	0.15627968	0.00288046	0.01462342	
NA	ENSG00000277072	516.505749	-0.12286361	0.12256953	0.28896021	0.51490664	STAG3L2

102465138	ENSG00000277073	0	NA	NA	NA	NA	MIR6131
3012	ENSG00000277075	8.6826497	-0.20633414	0.40936425	0.21642593	0.42733782	H2AC8
NA	ENSG00000277077	0	NA	NA	NA	NA	
NA	ENSG00000277081	0	NA	NA	NA	NA	
NA	ENSG00000277083	0	NA	NA	NA	NA	PRSS3P3
NA	ENSG00000277084	0	NA	NA	NA	NA	RNU2-4P
NA	ENSG00000277087	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000277089	0	NA	NA	NA	NA	CCL3-AS1
NA	ENSG00000277095	0	NA	NA	NA	NA	
NA	ENSG00000277096	0	NA	NA	NA	NA	
NA	ENSG00000277099	0	NA	NA	NA	NA	
NA	ENSG00000277103	1.13498982	-0.03511928	0.38113819	0.60434823	NA	
NA	ENSG00000277108	0	NA	NA	NA	NA	SNORD49B
NA	ENSG00000277109	0	NA	NA	NA	NA	
NA	ENSG00000277112	3.2610848	0.02746528	0.37113567	0.79189304	0.90499209	ANKRD20A21P
102723996	ENSG00000277117	0	NA	NA	NA	NA	
NA	ENSG00000277118	0	NA	NA	NA	NA	
NA	ENSG00000277119	0	NA	NA	NA	NA	
102464837	ENSG00000277120	0	NA	NA	NA	NA	MIR6089
NA	ENSG00000277124	0	NA	NA	NA	NA	
NA	ENSG00000277125	2.07748803	-0.07321787	0.39427469	0.0897377	NA	
NA	ENSG00000277127	0	NA	NA	NA	NA	
NA	ENSG00000277128	98.1064543	0.40525206	0.25991275	0.04913135	0.14706789	
NA	ENSG00000277129	0	NA	NA	NA	NA	
NA	ENSG00000277130	1.93658565	-0.08883542	0.39567851	0.14550975	NA	
NA	ENSG00000277133	0	NA	NA	NA	NA	
NA	ENSG00000277135	0	NA	NA	NA	NA	
NA	ENSG00000277136	0	NA	NA	NA	NA	
102465254	ENSG00000277138	0	NA	NA	NA	NA	MIR6509
NA	ENSG00000277141	0	NA	NA	NA	NA	
NA	ENSG00000277142	81.3494196	0.27044083	0.24075592	0.16109577	0.34915229	LINC00235
NA	ENSG00000277143	0	NA	NA	NA	NA	
NA	ENSG00000277144	0.50950033	0.03083596	0.38602543	0.48207482	NA	
NA	ENSG00000277146	0	NA	NA	NA	NA	
57234	ENSG00000277147	46.0263142	-0.5745598	0.4147109	0.03030895	0.10118282	LINC00869
388692	ENSG00000277147	46.0263142	-0.5745598	0.4147109	0.03030895	0.10118282	LINC00869
441250	ENSG00000277149	94.9852216	-0.00839545	0.21731513	0.96116186	0.98419142	TYW1B
NA	ENSG00000277151	8.12744213	-0.0221062	0.3473051	0.88195582	0.94788752	

NA	ENSG00000277152	0.31661717	0.00100689	0.3833658	0.96820561	NA	
NA	ENSG00000277156	66.0211702	0.52585481	0.30052973	0.02186686	0.07829605	TOMM40P1
8360	ENSG00000277157	1.91574386	-0.00936822	0.37569551	0.90850667	NA	H4C4
NA	ENSG00000277159	7.32226491	0.10904186	0.36809368	0.46915455	0.69153662	
284098	ENSG00000277161	394.664641	-0.14840934	0.1475959	0.27459151	0.4984351	PIGW
NA	ENSG00000277162	0	NA	NA	NA	NA	
NA	ENSG00000277168	0	NA	NA	NA	NA	
NA	ENSG00000277170	0.82647502	0.02862744	0.38430188	0.51875666	NA	
NA	ENSG00000277171	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000277172	0	NA	NA	NA	NA	GAPDHP41
NA	ENSG00000277173	0.80601274	-0.00859791	0.38154563	0.8686143	NA	
NA	ENSG00000277174	0	NA	NA	NA	NA	
NA	ENSG00000277182	50.3771273	-0.2132056	0.2930743	0.29757197	0.52431106	
677798	ENSG00000277184	0	NA	NA	NA	NA	SNORA9
NA	ENSG00000277186	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000277188	0	NA	NA	NA	NA	
NA	ENSG00000277191	0	NA	NA	NA	NA	
9304	ENSG00000277194	0	NA	NA	NA	NA	SNORD22
NA	ENSG00000277198	0	NA	NA	NA	NA	RN7SL270P
NA	ENSG00000277199	0	NA	NA	NA	NA	LINC01632
NA	ENSG00000277200	342.850466	-1.76021504	0.13985327	1.93E-37	1.38E-35	
102466875	ENSG00000277202	0	NA	NA	NA	NA	MIR8063
NA	ENSG00000277206	0	NA	NA	NA	NA	
NA	ENSG00000277209	1.96363706	-0.13298422	0.4161262	0.03372911	NA	RPPH1
NA	ENSG00000277210	0	NA	NA	NA	NA	
NA	ENSG00000277211	0	NA	NA	NA	NA	
NA	ENSG00000277213	0	NA	NA	NA	NA	SDR42E1P2
NA	ENSG00000277214	0	NA	NA	NA	NA	
619455	ENSG00000277215	2.22546517	-0.11434922	0.4011309	0.14874405	NA	SPANXA2-OT1
NA	ENSG00000277217	0	NA	NA	NA	NA	
NA	ENSG00000277218	0.47503159	-0.00860591	0.38281558	0.85503437	NA	
NA	ENSG00000277223	0	NA	NA	NA	NA	
8343	ENSG00000277224	6.94884745	-0.0286918	0.35617669	0.83303005	0.9239848	H2BC7
NA	ENSG00000277227	0	NA	NA	NA	NA	
NA	ENSG00000277228	0	NA	NA	NA	NA	
NA	ENSG00000277229	0	NA	NA	NA	NA	
150384	ENSG00000277232	10.1042854	-0.20567693	0.40099024	0.23631203	0.45308809	GTSE1-DT
NA	ENSG00000277233	0	NA	NA	NA	NA	

NA	ENSG00000277234	0	NA	NA	NA	NA	RNU1-5P
NA	ENSG00000277235	0.32353916	0.00176334	0.38337241	0.96420038	NA	
NA	ENSG00000277241	0.31671811	0.00111794	0.38336656	0.96714189	NA	
NA	ENSG00000277245	1.33880028	0.05123838	0.38450617	0.43223915	NA	
NA	ENSG00000277246	0.34127421	0.02362778	0.38535359	0.62401876	NA	
NA	ENSG00000277247	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000277248	0	NA	NA	NA	NA	
102465470	ENSG00000277249	0	NA	NA	NA	NA	MIR6784
NA	ENSG00000277250	0.46469525	-0.00771561	0.38326764	0.86594819	NA	
NA	ENSG00000277252	0	NA	NA	NA	NA	
NA	ENSG00000277253	0	NA	NA	NA	NA	CICP28
102465840	ENSG00000277255	0	NA	NA	NA	NA	MIR7854
7703	ENSG00000277258	1548.46724	0.01751509	0.07610764	0.8150474	0.91599551	PCGF2
NA	ENSG00000277260	0	NA	NA	NA	NA	FAM74A7
102465500	ENSG00000277264	0	NA	NA	NA	NA	MIR6833
NA	ENSG00000277265	0	NA	NA	NA	NA	RN7SL556P
102723471	ENSG00000277268	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LHX1-DT
NA	ENSG00000277269	0	NA	NA	NA	NA	
NA	ENSG00000277270	0	NA	NA	NA	NA	
102723451	ENSG00000277277	15.6116915	-0.0234639	0.33726787	0.88348898	0.94886707	FAM243B
NA	ENSG00000277282	0	NA	NA	NA	NA	IGHV1OR21-1
NA	ENSG00000277283	74.3805466	0.08631026	0.22123369	0.6354184	0.8165276	
NA	ENSG00000277287	9.05821472	2.17364466	1.00462974	0.00134194	0.00761556	
100130539	ENSG00000277288	0.29863895	-0.02292439	0.3852726	0.68753245	NA	LINC02881
NA	ENSG00000277289	0	NA	NA	NA	NA	
NA	ENSG00000277290	6.92912513	-0.1347291	0.38300853	0.35215834	0.5821381	
NA	ENSG00000277297	0	NA	NA	NA	NA	ATP5F1AP10
NA	ENSG00000277299	3.89221496	0.01793463	0.3762501	0.83030432	0.92307731	
101929698	ENSG00000277301	7.33243741	-0.14534228	0.38310155	0.33870339	0.56895057	
NA	ENSG00000277304	0.79660237	-0.03640383	0.38384886	0.50523634	NA	
NA	ENSG00000277306	0	NA	NA	NA	NA	
NA	ENSG00000277308	0	NA	NA	NA	NA	
NA	ENSG00000277310	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000277311	6.53409698	-0.00611845	0.35300249	0.96315668	0.98545957	
NA	ENSG00000277313	0	NA	NA	NA	NA	
NA	ENSG00000277315	0	NA	NA	NA	NA	
NA	ENSG00000277319	0	NA	NA	NA	NA	
NA	ENSG00000277320	0	NA	NA	NA	NA	

727832	ENSG00000277322	0	NA	NA	NA	NA	GOLGA6L6
NA	ENSG00000277324	9.78014198	0.12417251	0.37502545	0.40684052	0.6351181	
NA	ENSG00000277327	0	NA	NA	NA	NA	SPDYE20P
101928087	ENSG00000277332	0	NA	NA	NA	NA	
NA	ENSG00000277340	0	NA	NA	NA	NA	
NA	ENSG00000277342	3.83226939	-0.13531955	0.40011366	0.23929486	0.4571163	
NA	ENSG00000277344	0	NA	NA	NA	NA	RNU1-6P
NA	ENSG00000277349	0.63708765	-0.01498604	0.38324064	0.71472828	NA	CICP25
NA	ENSG00000277350	0	NA	NA	NA	NA	
NA	ENSG00000277351	0	NA	NA	NA	NA	
NA	ENSG00000277352	12.7706719	-0.29719402	0.48122283	0.10523728	0.25872462	
NA	ENSG00000277357	0	NA	NA	NA	NA	NPAP1P7
NA	ENSG00000277358	0	NA	NA	NA	NA	
80725	ENSG00000277363	734.407979	0.11009399	0.14265146	0.40562941	0.63387583	SRCIN1
NA	ENSG00000277367	9.59607523	0.10104699	0.35824851	0.52593104	0.73808697	NEK2P1
NA	ENSG00000277368	0.66469329	-0.022253	0.38323252	0.64947803	NA	
NA	ENSG00000277369	2.76271077	-0.0466558	0.37588891	0.62722892	0.81085696	
26800	ENSG00000277370	0	NA	NA	NA	NA	SNORD49A
NA	ENSG00000277371	0.36345498	0.02389827	0.38539295	0.60971906	NA	
NA	ENSG00000277373	0	NA	NA	NA	NA	
NA	ENSG00000277382	0	NA	NA	NA	NA	
NA	ENSG00000277383	3.68432989	0.07259081	0.37398165	0.53899769	0.74843996	
NA	ENSG00000277385	0	NA	NA	NA	NA	
NA	ENSG00000277386	0	NA	NA	NA	NA	
102465863	ENSG00000277387	0	NA	NA	NA	NA	MIR8058
102467004	ENSG00000277388	0	NA	NA	NA	NA	MIR8053
102465530	ENSG00000277391	0	NA	NA	NA	NA	MIR6881
NA	ENSG00000277396	0	NA	NA	NA	NA	
NA	ENSG00000277397	0	NA	NA	NA	NA	
440435	ENSG00000277399	4.74211642	0.06943612	0.37021377	0.57901918	0.77677602	GPR179
102465537	ENSG00000277402	0	NA	NA	NA	NA	MIR6891
NA	ENSG00000277406	12.0240522	-0.13780504	0.36198231	0.41803378	0.64417788	SEC22B4P
NA	ENSG00000277408	0	NA	NA	NA	NA	
NA	ENSG00000277410	0	NA	NA	NA	NA	H2BP5
NA	ENSG00000277411	0	NA	NA	NA	NA	
NA	ENSG00000277412	0	NA	NA	NA	NA	
NA	ENSG00000277413	0	NA	NA	NA	NA	
NA	ENSG00000277418	0	NA	NA	NA	NA	RNA5SP531

100288527	ENSG00000277422	0	NA	NA	NA	NA	REXO1L6P
NA	ENSG00000277423	3.13957157	0.03801386	0.37406919	0.69837339	0.85455335	
NA	ENSG00000277425	1.71337632	0.04595531	0.38342143	0.48469983	NA	
NA	ENSG00000277426	0	NA	NA	NA	NA	
NA	ENSG00000277435	0	NA	NA	NA	NA	
NA	ENSG00000277436	0	NA	NA	NA	NA	REXO1L5P
NA	ENSG00000277437	0	NA	NA	NA	NA	
NA	ENSG00000277438	0	NA	NA	NA	NA	KDM5DP1
NA	ENSG00000277440	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
4082	ENSG00000277443	6304.63247	-0.25759556	0.06419524	4.55E-05	0.00037686	MARCKS
NA	ENSG00000277444	0	NA	NA	NA	NA	
NA	ENSG00000277446	0	NA	NA	NA	NA	
NA	ENSG00000277447	0	NA	NA	NA	NA	
101926897	ENSG00000277448	0	NA	NA	NA	NA	LINC02338
NA	ENSG00000277449	4.73074488	-0.06380491	0.3689222	0.60615273	0.79600676	CEBPB-AS1
NA	ENSG00000277450	0.77153168	-0.05542405	0.38929499	0.28050096	NA	
NA	ENSG00000277452	0.47278626	-0.02841159	0.38580594	0.54339681	NA	RN7SL473P
NA	ENSG00000277453	0.4732471	-0.03505899	0.38628472	0.49594069	NA	
NA	ENSG00000277455	0	NA	NA	NA	NA	
NA	ENSG00000277458	0	NA	NA	NA	NA	
NA	ENSG00000277459	0	NA	NA	NA	NA	
NA	ENSG00000277460	0	NA	NA	NA	NA	
93474	ENSG00000277462	200.310987	-0.37405913	0.16589922	0.012613	0.05020907	ZNF670
NA	ENSG00000277463	0.30001542	-0.02294458	0.38527538	0.68644903	NA	
NA	ENSG00000277465	0	NA	NA	NA	NA	
NA	ENSG00000277466	0	NA	NA	NA	NA	
NA	ENSG00000277467	0	NA	NA	NA	NA	RN7SL628P
NA	ENSG00000277468	0	NA	NA	NA	NA	
NA	ENSG00000277469	0	NA	NA	NA	NA	
NA	ENSG00000277473	0	NA	NA	NA	NA	
102466759	ENSG00000277474	0	NA	NA	NA	NA	MIR6894
NA	ENSG00000277476	373.914799	0.13529324	0.1321939	0.27626947	0.50042786	
102465141	ENSG00000277478	0	NA	NA	NA	NA	MIR6165
NA	ENSG00000277479	0.173124	-0.01911262	0.38486262	0.84537521	NA	
342372	ENSG00000277481	0.72458649	0.00161892	0.38233228	0.96930106	NA	PKD1L3
NA	ENSG00000277482	0	NA	NA	NA	NA	
NA	ENSG00000277483	0	NA	NA	NA	NA	RN7SL321P
NA	ENSG00000277486	0	NA	NA	NA	NA	SAGE3P

NA	ENSG00000277488	0	NA	NA	NA	NA	
NA	ENSG00000277490	0	NA	NA	NA	NA	
NA	ENSG00000277491	3.700021	0.05011586	0.37012606	0.66369402	0.83407238	
NA	ENSG00000277492	0	NA	NA	NA	NA	
NA	ENSG00000277493	0	NA	NA	NA	NA	
338328	ENSG00000277494	0	NA	NA	NA	NA	GPIHBP1
NA	ENSG00000277496	50.9453738	0.154122	0.25933979	0.43188596	0.65749681	
NA	ENSG00000277498	0	NA	NA	NA	NA	
NA	ENSG00000277499	0	NA	NA	NA	NA	
NA	ENSG00000277500	0	NA	NA	NA	NA	
NA	ENSG00000277501	1.26432659	-0.01613004	0.37944969	0.80860479	NA	
NA	ENSG00000277502	0	NA	NA	NA	NA	
NA	ENSG00000277504	3.00738711	0.04434564	0.37304609	0.67159734	0.83826144	
NA	ENSG00000277505	0	NA	NA	NA	NA	
NA	ENSG00000277506	0	NA	NA	NA	NA	RN7SL802P
NA	ENSG00000277508	0.173733	0.01914545	0.38484597	0.78225479	NA	BSNDP3
NA	ENSG00000277509	0	NA	NA	NA	NA	
NA	ENSG00000277510	0	NA	NA	NA	NA	
NA	ENSG00000277511	6.80682631	0.15641679	0.38959794	0.30429474	0.53154043	
692106	ENSG00000277512	0	NA	NA	NA	NA	SNORD65
NA	ENSG00000277513	0	NA	NA	NA	NA	
NA	ENSG00000277514	0	NA	NA	NA	NA	OR52Q1P
NA	ENSG00000277515	0	NA	NA	NA	NA	RN7SL495P
NA	ENSG00000277516	0	NA	NA	NA	NA	
NA	ENSG00000277519	0	NA	NA	NA	NA	OFD1P16Y
102466878	ENSG00000277521	0	NA	NA	NA	NA	MIR8078
NA	ENSG00000277524	0	NA	NA	NA	NA	
101927815	ENSG00000277526	0	NA	NA	NA	NA	
NA	ENSG00000277527	0.15069912	-0.01848503	0.38480575	0.84537521	NA	LINC01796
NA	ENSG00000277529	3.18476067	-0.12919353	0.40144809	0.21329021	0.42329476	NF1P10
110806277	ENSG00000277531	233.984208	-0.06366627	0.14539159	0.63522571	0.8164601	PNMA8C
NA	ENSG00000277532	0	NA	NA	NA	NA	
102465875	ENSG00000277533	0	NA	NA	NA	NA	MIR8077
NA	ENSG00000277534	67.5963869	-0.74682806	0.33096068	0.00372778	0.01819412	
NA	ENSG00000277535	0	NA	NA	NA	NA	
NA	ENSG00000277541	0.36314819	0.02389612	0.38539262	0.60987077	NA	ZNF630-AS1
NA	ENSG00000277542	0	NA	NA	NA	NA	
NA	ENSG00000277543	0	NA	NA	NA	NA	

NA	ENSG00000277544	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000277545	0	NA	NA	NA	NA	
NA	ENSG00000277548	1.74554229	0.11645956	0.40527081	0.10068427	NA	
NA	ENSG00000277549	0	NA	NA	NA	NA	
NA	ENSG00000277550	0.96477504	-0.0193963	0.38090758	0.74591366	NA	
NA	ENSG00000277553	0	NA	NA	NA	NA	
138799	ENSG00000277556	0	NA	NA	NA	NA	OR13C5
NA	ENSG00000277558	0.6229292	-0.03614317	0.38660915	0.42800951	NA	
NA	ENSG00000277559	29.5371033	-0.98668324	0.49859457	0.00399757	0.01929256	
283796	ENSG00000277561	3.6321078	-0.03173796	0.36957167	0.76854081	0.89330656	GOLGA8IP
NA	ENSG00000277562	0	NA	NA	NA	NA	
NA	ENSG00000277563	0	NA	NA	NA	NA	
NA	ENSG00000277565	0	NA	NA	NA	NA	
NA	ENSG00000277566	0.96350255	-0.02377553	0.38050819	0.7118308	NA	
NA	ENSG00000277568	0	NA	NA	NA	NA	
102465140	ENSG00000277569	0	NA	NA	NA	NA	MIR6134
NA	ENSG00000277572	0	NA	NA	NA	NA	
NA	ENSG00000277575	0	NA	NA	NA	NA	
NA	ENSG00000277576	0	NA	NA	NA	NA	
NA	ENSG00000277577	0	NA	NA	NA	NA	
NA	ENSG00000277578	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000277579	0	NA	NA	NA	NA	
NA	ENSG00000277581	0.4868795	0.0110439	0.38338315	0.78875801	NA	
NA	ENSG00000277583	0	NA	NA	NA	NA	
4747	ENSG00000277586	1939.67287	-1.46697683	0.07226521	1.11E-92	3.11E-90	NEFL
NA	ENSG00000277587	0	NA	NA	NA	NA	
102465484	ENSG00000277588	0	NA	NA	NA	NA	MIR6806
NA	ENSG00000277589	0.75071698	-0.04348325	0.38757294	0.34419736	NA	
102465835	ENSG00000277590	0	NA	NA	NA	NA	MIR7845
NA	ENSG00000277591	0	NA	NA	NA	NA	RN7SL575P
NA	ENSG00000277592	0	NA	NA	NA	NA	
NA	ENSG00000277595	1.47842583	-0.00507152	0.37834354	0.94126949	NA	
NA	ENSG00000277597	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000277598	0	NA	NA	NA	NA	
NA	ENSG00000277599	0	NA	NA	NA	NA	
NA	ENSG00000277602	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000277604	0	NA	NA	NA	NA	
NA	ENSG00000277605	0	NA	NA	NA	NA	

NA	ENSG00000277608	0	NA	NA	NA	NA	
101954264	ENSG00000277610	0	NA	NA	NA	NA	RNVU1-4
101954268	ENSG00000277610	0	NA	NA	NA	NA	RNVU1-4
NA	ENSG00000277611	0.7723502	-0.02835293	0.38358708	0.56476296	NA	
NA	ENSG00000277617	0	NA	NA	NA	NA	
NA	ENSG00000277618	0	NA	NA	NA	NA	
NA	ENSG00000277619	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000277621	0	NA	NA	NA	NA	
NA	ENSG00000277628	0	NA	NA	NA	NA	
101929127	ENSG00000277631	0	NA	NA	NA	NA	PGM5P3-AS1
6348	ENSG00000277632	0	NA	NA	NA	NA	CCL3
NA	ENSG00000277634	0	NA	NA	NA	NA	
NA	ENSG00000277635	0	NA	NA	NA	NA	
102466251	ENSG00000277636	0	NA	NA	NA	NA	MIR8061
105371267	ENSG00000277639	1.35019714	0.07376177	0.39396036	0.12133241	NA	
NA	ENSG00000277640	0	NA	NA	NA	NA	
NA	ENSG00000277646	0	NA	NA	NA	NA	
NA	ENSG00000277647	0	NA	NA	NA	NA	
NA	ENSG00000277651	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000277653	0	NA	NA	NA	NA	
NA	ENSG00000277654	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000277655	0	NA	NA	NA	NA	
NA	ENSG00000277661	0	NA	NA	NA	NA	
NA	ENSG00000277662	1.90549123	-0.06640158	0.3838497	0.42627949	NA	
NA	ENSG00000277668	0	NA	NA	NA	NA	
NA	ENSG00000277670	0	NA	NA	NA	NA	
NA	ENSG00000277672	0	NA	NA	NA	NA	
NA	ENSG00000277673	0	NA	NA	NA	NA	
NA	ENSG00000277675	0	NA	NA	NA	NA	
NA	ENSG00000277677	0	NA	NA	NA	NA	
102466724	ENSG00000277681	0	NA	NA	NA	NA	MIR6739
NA	ENSG00000277684	0	NA	NA	NA	NA	
NA	ENSG00000277687	6.90715563	-0.00507163	0.35237149	0.96928443	0.98853525	
NA	ENSG00000277688	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000277689	0	NA	NA	NA	NA	
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NA	ENSG00000277692	1.21840951	-0.00098751	0.37938711	0.98714546	NA	
NA	ENSG00000277693	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000277694	0	NA	NA	NA	NA	
NA	ENSG00000277695	0	NA	NA	NA	NA	
NA	ENSG00000277701	237.962599	-0.2770045	0.1851484	0.08779065	0.22632101	
NA	ENSG00000277702	0	NA	NA	NA	NA	
NA	ENSG00000277704	0	NA	NA	NA	NA	
NA	ENSG00000277705	0	NA	NA	NA	NA	
NA	ENSG00000277708	0	NA	NA	NA	NA	PGBD4P2
NA	ENSG00000277710	0	NA	NA	NA	NA	NBEAP5
NA	ENSG00000277711	0	NA	NA	NA	NA	
102465515	ENSG00000277713	0	NA	NA	NA	NA	MIR6856
NA	ENSG00000277715	8.7496331	0.13690854	0.37742048	0.37533734	0.60449338	
NA	ENSG00000277717	0	NA	NA	NA	NA	
NA	ENSG00000277718	0	NA	NA	NA	NA	LINC02255
NA	ENSG00000277720	0	NA	NA	NA	NA	H3C5P
NA	ENSG00000277721	0	NA	NA	NA	NA	
NA	ENSG00000277728	10.0789779	-0.07993746	0.34973803	0.61715244	0.80395958	
NA	ENSG00000277732	0	NA	NA	NA	NA	
NA	ENSG00000277734	0	NA	NA	NA	NA	TRAC
NA	ENSG00000277737	0	NA	NA	NA	NA	
NA	ENSG00000277738	0.51268225	0.01529209	0.38311666	0.73938031	NA	
NA	ENSG00000277740	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000277741	11.7258498	0.39592131	0.56980993	0.06429715	0.18040664	GOLGA6L17P
NA	ENSG00000277743	0	NA	NA	NA	NA	
NA	ENSG00000277744	6.62333366	0.03804389	0.35400189	0.79274264	0.90515734	
NA	ENSG00000277746	0	NA	NA	NA	NA	
NA	ENSG00000277747	0	NA	NA	NA	NA	
NA	ENSG00000277748	0	NA	NA	NA	NA	
NA	ENSG00000277749	0	NA	NA	NA	NA	
NA	ENSG00000277752	0	NA	NA	NA	NA	
NA	ENSG00000277754	0	NA	NA	NA	NA	
NA	ENSG00000277755	0	NA	NA	NA	NA	
NA	ENSG00000277757	0	NA	NA	NA	NA	
102724488	ENSG00000277758	83.0052401	-0.27648047	0.23599257	0.14681045	0.32800893	
102465974	ENSG00000277759	0	NA	NA	NA	NA	MIR6719
NA	ENSG00000277762	0	NA	NA	NA	NA	RN7SL261P
NA	ENSG00000277763	0	NA	NA	NA	NA	
NA	ENSG00000277764	0.72773645	0.02476885	0.38329278	0.57676848	NA	
NA	ENSG00000277766	0	NA	NA	NA	NA	

NA	ENSG00000277767	8.40265235	0.08264654	0.36010866	0.57867413	0.77656626	
NA	ENSG00000277769	0	NA	NA	NA	NA	RBM22P4
NA	ENSG00000277770	0	NA	NA	NA	NA	
NA	ENSG00000277771	0	NA	NA	NA	NA	
NA	ENSG00000277774	0.53180095	-0.00851321	0.38313237	0.82615413	NA	RN7SL763P
8968	ENSG00000277775	2.81654914	-0.13801246	0.40840253	0.16165484	0.3500826	H3C7
NA	ENSG00000277777	0	NA	NA	NA	NA	
595135	ENSG00000277778	7.6021818	0.32641161	0.52750525	0.07183473	0.19526459	PGM5P2
NA	ENSG00000277782	6.7128599	0.16218255	0.393338	0.28502572	0.51037097	
102465471	ENSG00000277784	0	NA	NA	NA	NA	MIR6786
NA	ENSG00000277785	0	NA	NA	NA	NA	SNORD116-21
NA	ENSG00000277790	0	NA	NA	NA	NA	
5691	ENSG00000277791	1056.23752	0.23727389	0.09185128	0.00769526	0.03339325	PSMB3
NA	ENSG00000277794	0	NA	NA	NA	NA	
NA	ENSG00000277795	1.06820469	0.03481772	0.38244114	0.56520474	NA	
NA	ENSG00000277797	0	NA	NA	NA	NA	
NA	ENSG00000277801	26.9614435	0.03290331	0.38281648	0.57817847	0.77627805	
NA	ENSG00000277803	0	NA	NA	NA	NA	
NA	ENSG00000277806	10.6601264	-0.47183339	0.65381167	0.04690413	0.14176508	
NA	ENSG00000277809	4.45200387	-0.14902171	0.40238317	0.23503792	0.45186105	
102465442	ENSG00000277817	0	NA	NA	NA	NA	MIR6738
NA	ENSG00000277818	0	NA	NA	NA	NA	
NA	ENSG00000277825	0	NA	NA	NA	NA	
NA	ENSG00000277826	0	NA	NA	NA	NA	
NA	ENSG00000277828	0	NA	NA	NA	NA	
NA	ENSG00000277829	1.51062814	0.0219098	0.37801453	0.77337963	NA	
NA	ENSG00000277830	0	NA	NA	NA	NA	
NA	ENSG00000277831	4.51453533	-0.08379369	0.37912655	0.45810368	0.68152197	
NA	ENSG00000277837	0.36288928	0.02389431	0.38539233	0.60999888	NA	
NA	ENSG00000277840	1.53500397	-0.10950345	0.40524211	0.06498382	NA	
102465486	ENSG00000277842	0	NA	NA	NA	NA	MIR6811
9299	ENSG00000277846	0	NA	NA	NA	NA	SNORD30
NA	ENSG00000277851	0	NA	NA	NA	NA	LINC02391
NA	ENSG00000277852	0	NA	NA	NA	NA	
NA	ENSG00000277855	1.03496184	0.03602994	0.38182326	0.57858867	NA	
474381	ENSG00000277858	5.74021611	0.03616111	0.36221827	0.77893661	0.89886014	H2AB2
NA	ENSG00000277859	0	NA	NA	NA	NA	
NA	ENSG00000277862	0	NA	NA	NA	NA	PRAMEF34P

NA	ENSG00000277863	0	NA	NA	NA	NA	
677778	ENSG00000277864	0	NA	NA	NA	NA	SCARNA15
440243	ENSG00000277865	0	NA	NA	NA	NA	GOLGA6L22
NA	ENSG00000277866	0	NA	NA	NA	NA	
NA	ENSG00000277867	0	NA	NA	NA	NA	
NA	ENSG00000277869	0	NA	NA	NA	NA	
653203	ENSG00000277870	0	NA	NA	NA	NA	FAM230A
102466198	ENSG00000277872	0	NA	NA	NA	NA	MIR6817
NA	ENSG00000277873	2.60120613	0.03531307	0.37513746	0.70662922	0.85861856	
NA	ENSG00000277876	0	NA	NA	NA	NA	
NA	ENSG00000277878	0	NA	NA	NA	NA	
NA	ENSG00000277879	18.7734308	-0.07209822	0.32021862	0.69221057	0.85116657	
NA	ENSG00000277880	0	NA	NA	NA	NA	TRBV17
NA	ENSG00000277881	0	NA	NA	NA	NA	
NA	ENSG00000277882	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000277883	0	NA	NA	NA	NA	NLRP3P1
677842	ENSG00000277887	0	NA	NA	NA	NA	SNORA50C
102465509	ENSG00000277888	0	NA	NA	NA	NA	MIR6846
102465995	ENSG00000277889	0	NA	NA	NA	NA	MIR8081
102465446	ENSG00000277892	0	NA	NA	NA	NA	MIR6746
6716	ENSG00000277893	0.35656428	0.02381622	0.38538093	0.61407602	NA	SRD5A2
NA	ENSG00000277895	1.51609109	0.01885613	0.3775557	0.80663304	NA	
NA	ENSG00000277899	0	NA	NA	NA	NA	MLECP1
NA	ENSG00000277900	0	NA	NA	NA	NA	
NA	ENSG00000277901	0	NA	NA	NA	NA	
102465838	ENSG00000277904	0	NA	NA	NA	NA	MIR7850
NA	ENSG00000277907	0	NA	NA	NA	NA	
NA	ENSG00000277911	0	NA	NA	NA	NA	
102465882	ENSG00000277912	0	NA	NA	NA	NA	MIR8089
NA	ENSG00000277913	0	NA	NA	NA	NA	
NA	ENSG00000277914	0	NA	NA	NA	NA	DDX6P2
NA	ENSG00000277916	0	NA	NA	NA	NA	
NA	ENSG00000277918	0.173124	-0.01911262	0.38486262	0.84537521	NA	RNVU1-28
102465869	ENSG00000277919	0	NA	NA	NA	NA	MIR8067
NA	ENSG00000277922	0	NA	NA	NA	NA	
NA	ENSG00000277925	2.96317227	-0.07938276	0.38747985	0.34304134	0.57318007	
NA	ENSG00000277930	0	NA	NA	NA	NA	
390082	ENSG00000277932	0	NA	NA	NA	NA	OR52E5

NA	ENSG00000277935	0	NA	NA	NA	NA	
NA	ENSG00000277938	19.5309559	-0.08866098	0.31801408	0.63356293	0.81495647	
NA	ENSG00000277941	0	NA	NA	NA	NA	
102465874	ENSG00000277942	0	NA	NA	NA	NA	MIR8075
NA	ENSG00000277945	0	NA	NA	NA	NA	
NA	ENSG00000277946	0	NA	NA	NA	NA	RN7SL478P
NA	ENSG00000277947	0	NA	NA	NA	NA	SNORD3D
NA	ENSG00000277948	0.82733536	0.01495534	0.38183585	0.77226947	NA	
NA	ENSG00000277950	0	NA	NA	NA	NA	
NA	ENSG00000277952	0	NA	NA	NA	NA	
NA	ENSG00000277954	0.97921084	0.00399808	0.38003248	0.94743213	NA	
NA	ENSG00000277957	172.310965	0.16635976	0.20243333	0.33574567	0.56575456	SENP3-EIF4A1
NA	ENSG00000277958	0	NA	NA	NA	NA	
NA	ENSG00000277959	2.70801879	0.03875319	0.37502073	0.68481366	0.84658029	
NA	ENSG00000277965	0	NA	NA	NA	NA	
NA	ENSG00000277966	0	NA	NA	NA	NA	
NA	ENSG00000277967	0	NA	NA	NA	NA	
NA	ENSG00000277968	0	NA	NA	NA	NA	
NA	ENSG00000277969	64.6730142	-0.04394219	0.24520634	0.81483174	0.91598064	
NA	ENSG00000277971	0.33471731	0.02354391	0.38534154	0.62842204	NA	
284106	ENSG00000277972	640.32557	-0.13835023	0.10436021	0.16736665	0.35828164	CISD3
NA	ENSG00000277973	0	NA	NA	NA	NA	
NA	ENSG00000277975	0	NA	NA	NA	NA	CSTP2
NA	ENSG00000277977	0	NA	NA	NA	NA	
NA	ENSG00000277978	9.06690493	-0.07267787	0.3504559	0.64318516	0.82173956	
NA	ENSG00000277981	0	NA	NA	NA	NA	
NA	ENSG00000277984	0.18922458	0.01954053	0.38488496	0.78225479	NA	
26781	ENSG00000277985	0	NA	NA	NA	NA	SNORA67
NA	ENSG00000277986	0	NA	NA	NA	NA	
NA	ENSG00000277987	0	NA	NA	NA	NA	LINC02351
NA	ENSG00000277988	0	NA	NA	NA	NA	FAM30B
NA	ENSG00000277991	134.541625	-0.00877605	0.37678069	0.89955713	0.95557174	
NA	ENSG00000277994	0	NA	NA	NA	NA	
NA	ENSG00000277997	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000277998	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000277999	4.19782376	-0.10912543	0.38332066	0.37944067	0.60845927	
NA	ENSG00000278000	11.5096021	0.08030611	0.34165788	0.63710086	0.81722218	
NA	ENSG00000278001	0.16735865	0.01897177	0.38482933	0.78225479	NA	

NA	ENSG00000278002	2.8447598	0.00337593	0.36881766	0.97610887	0.99170422	
NA	ENSG00000278004	0	NA	NA	NA	NA	
NA	ENSG00000278007	0	NA	NA	NA	NA	
NA	ENSG00000278008	0	NA	NA	NA	NA	PPP1R26P4
NA	ENSG00000278009	0	NA	NA	NA	NA	
NA	ENSG00000278011	0.70489816	0.0409702	0.38723849	0.34959344	NA	
NA	ENSG00000278012	9.06281425	-1.59874112	1.06622931	0.00502727	0.02331489	
NA	ENSG00000278013	0	NA	NA	NA	NA	
NA	ENSG00000278017	0.86036123	0.02069328	0.38150589	0.71468923	NA	
NA	ENSG00000278020	0	NA	NA	NA	NA	
NA	ENSG00000278022	1.06410736	0.0585575	0.38726333	0.30305039	NA	
201299	ENSG00000278023	30.2074773	-0.13408429	0.29666217	0.49643108	0.714811	RDM1
NA	ENSG00000278026	0	NA	NA	NA	NA	
NA	ENSG00000278028	0	NA	NA	NA	NA	
NA	ENSG00000278030	0	NA	NA	NA	NA	TRBV7-9
102465437	ENSG00000278034	0	NA	NA	NA	NA	MIR6731
NA	ENSG00000278035	0.47080897	-0.02831678	0.38579781	0.54496267	NA	
102464828	ENSG00000278038	0	NA	NA	NA	NA	MIR6076
NA	ENSG00000278039	0	NA	NA	NA	NA	
NA	ENSG00000278040	0	NA	NA	NA	NA	
NA	ENSG00000278041	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000278044	18.7157477	2.58341203	0.72215711	1.80E-05	0.00016326	FAM247B
NA	ENSG00000278045	0	NA	NA	NA	NA	
NA	ENSG00000278050	0	NA	NA	NA	NA	
NA	ENSG00000278052	1.47984827	-0.06187611	0.38522183	0.39757567	NA	
11056	ENSG00000278053	879.372483	-0.01902954	0.09823197	0.84000779	0.92739563	DDX52
NA	ENSG00000278054	0	NA	NA	NA	NA	
NA	ENSG00000278055	0	NA	NA	NA	NA	
1527	ENSG00000278057	0	NA	NA	NA	NA	TEX28
NA	ENSG00000278058	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000278060	0	NA	NA	NA	NA	
NA	ENSG00000278068	1.62771406	0.00844661	0.37799588	0.90812477	NA	
102465944	ENSG00000278069	0	NA	NA	NA	NA	MIR6072
NA	ENSG00000278071	2.49396569	-0.00185543	0.37332573	0.9820459	NA	
NA	ENSG00000278072	0	NA	NA	NA	NA	
102465434	ENSG00000278073	0	NA	NA	NA	NA	MIR6726
NA	ENSG00000278075	0.6776341	0.02140031	0.38376904	0.61960586	NA	
NA	ENSG00000278077	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000278078	0	NA	NA	NA	NA	
NA	ENSG00000278083	0	NA	NA	NA	NA	
NA	ENSG00000278084	0	NA	NA	NA	NA	
102723737	ENSG00000278085	0	NA	NA	NA	NA	CT45A8
100033444	ENSG00000278089	0	NA	NA	NA	NA	SNORD115-7
NA	ENSG00000278090	1.2473202	-0.00713196	0.38038465	0.90239454	NA	LUNAR1
NA	ENSG00000278095	0	NA	NA	NA	NA	
NA	ENSG00000278097	0	NA	NA	NA	NA	
102466250	ENSG00000278098	0	NA	NA	NA	NA	MIR7973-1
6063	ENSG00000278099	0	NA	NA	NA	NA	RNVU1-2A
NA	ENSG00000278100	0	NA	NA	NA	NA	
NA	ENSG00000278102	0	NA	NA	NA	NA	
102465864	ENSG00000278103	0	NA	NA	NA	NA	MIR8060
NA	ENSG00000278104	0	NA	NA	NA	NA	
NA	ENSG00000278106	0	NA	NA	NA	NA	
NA	ENSG00000278107	1.46675239	0.01842956	0.37807365	0.80528647	NA	
102466193	ENSG00000278108	0	NA	NA	NA	NA	MIR6757
NA	ENSG00000278109	0	NA	NA	NA	NA	
NA	ENSG00000278110	0	NA	NA	NA	NA	SUSD2P2
NA	ENSG00000278112	4.04381828	0.0692336	0.37332645	0.55585707	0.76151114	
NA	ENSG00000278113	0	NA	NA	NA	NA	
NA	ENSG00000278122	0	NA	NA	NA	NA	AQP7P5
NA	ENSG00000278123	0	NA	NA	NA	NA	SNORD116-28
NA	ENSG00000278124	0	NA	NA	NA	NA	RN7SL186P
NA	ENSG00000278126	7.84742375	-0.36222825	0.56275881	0.06213471	0.17598182	
NA	ENSG00000278128	0	NA	NA	NA	NA	
7554	ENSG00000278129	583.780624	-0.1495606	0.09958344	0.11920572	0.28385039	ZNF8
NA	ENSG00000278130	0	NA	NA	NA	NA	
NA	ENSG00000278131	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000278133	51.1174267	-0.14666529	0.27454474	0.45790685	0.68143353	
NA	ENSG00000278135	0	NA	NA	NA	NA	
NA	ENSG00000278138	0	NA	NA	NA	NA	CLUHP11
110117499	ENSG00000278139	0	NA	NA	NA	NA	P3R3URF-PIK3R3
NA	ENSG00000278143	0	NA	NA	NA	NA	NF1P7
NA	ENSG00000278144	0	NA	NA	NA	NA	
NA	ENSG00000278146	0	NA	NA	NA	NA	
NA	ENSG00000278147	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000278151	0	NA	NA	NA	NA	

NA	ENSG00000278153	0.83278349	0.01685618	0.38196368	0.7445549	NA	
641467	ENSG00000278156	11.7118968	-0.10288178	0.35241041	0.53332406	0.74452219	TSC22D1-AS1
NA	ENSG00000278158	0	NA	NA	NA	NA	
102465865	ENSG00000278159	0	NA	NA	NA	NA	MIR8062
NA	ENSG00000278160	0	NA	NA	NA	NA	
NA	ENSG00000278171	0	NA	NA	NA	NA	
NA	ENSG00000278172	0	NA	NA	NA	NA	
389741	ENSG00000278175	349.760582	-0.03195662	0.12245717	0.78076642	0.89976799	GLIDR
NA	ENSG00000278177	13.6401952	-0.04190262	0.33804548	0.79711209	0.90675443	
NA	ENSG00000278180	0	NA	NA	NA	NA	
NA	ENSG00000278181	0	NA	NA	NA	NA	
NA	ENSG00000278182	0.65904102	0.02044319	0.3837048	0.63306849	NA	
NA	ENSG00000278184	7.20326071	-0.08356002	0.36204264	0.56558179	0.76741504	NF1P11
NA	ENSG00000278188	0	NA	NA	NA	NA	
NA	ENSG00000278192	0.7405897	0.0425834	0.3874668	0.33165218	NA	
NA	ENSG00000278193	0	NA	NA	NA	NA	
6753	ENSG00000278195	51.0768424	-0.40303697	0.30181864	0.06844955	0.18843333	SSTR3
NA	ENSG00000278196	0	NA	NA	NA	NA	IGLV2-8
NA	ENSG00000278197	0	NA	NA	NA	NA	
NA	ENSG00000278200	19.0967094	-0.54963001	0.57233932	0.04388071	0.13457928	LINC01971
NA	ENSG00000278202	48.5730799	0.43242651	0.34356435	0.06592509	0.18357247	
102465516	ENSG00000278204	0	NA	NA	NA	NA	MIR6857
NA	ENSG00000278205	0	NA	NA	NA	NA	
NA	ENSG00000278206	20.1115164	-0.0438478	0.31323041	0.80951305	0.91359357	
NA	ENSG00000278212	155.762601	-0.10352813	0.1827563	0.51842128	0.73221886	
NA	ENSG00000278213	0.18922458	0.01954053	0.38488496	0.78225479	NA	CNTNAP3P5
400548	ENSG00000278214	2.84717739	0.0023427	0.37209107	0.98221323	0.99408818	LINC02139
NA	ENSG00000278215	0	NA	NA	NA	NA	
NA	ENSG00000278217	0	NA	NA	NA	NA	
NA	ENSG00000278218	0	NA	NA	NA	NA	
NA	ENSG00000278222	0	NA	NA	NA	NA	RN7SL536P
102466734	ENSG00000278223	0	NA	NA	NA	NA	MIR6783
29964	ENSG00000278224	14.0904155	0.15143955	0.37326713	0.3627627	0.59250943	PRICKLE4
NA	ENSG00000278226	0	NA	NA	NA	NA	
NA	ENSG00000278231	0.32401952	-0.02327457	0.38532158	0.66849605	NA	
109864281	ENSG00000278233	1.76056704	-0.09173946	0.3928806	0.25055962	NA	RNA5-8SN2
NA	ENSG00000278234	0	NA	NA	NA	NA	
NA	ENSG00000278236	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

NA	ENSG00000278237	0	NA	NA	NA	NA	
NA	ENSG00000278238	10.6607581	-0.08769856	0.34629528	0.59769299	0.78939082	
NA	ENSG00000278239	0	NA	NA	NA	NA	
677766	ENSG00000278249	0.50538484	0.03063184	0.38600554	0.48515041	NA	SCARNA2
NA	ENSG00000278250	0	NA	NA	NA	NA	
NA	ENSG00000278254	0	NA	NA	NA	NA	
NA	ENSG00000278255	0	NA	NA	NA	NA	
NA	ENSG00000278256	0	NA	NA	NA	NA	
80179	ENSG00000278259	1699.80254	0.00510698	0.07115406	0.94194874	0.97594973	MYO19
NA	ENSG00000278261	0	NA	NA	NA	NA	SNORD1A
NA	ENSG00000278263	0	NA	NA	NA	NA	
102466739	ENSG00000278264	0	NA	NA	NA	NA	MIR6803
102465461	ENSG00000278265	0	NA	NA	NA	NA	MIR6770-1
NA	ENSG00000278266	18.2144482	-0.07077685	0.32876258	0.6890925	0.8490152	
102466751	ENSG00000278267	0	NA	NA	NA	NA	MIR6859-1
NA	ENSG00000278273	0	NA	NA	NA	NA	
677838	ENSG00000278274	0	NA	NA	NA	NA	SNORA61
NA	ENSG00000278275	0	NA	NA	NA	NA	
NA	ENSG00000278276	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
102465490	ENSG00000278278	0	NA	NA	NA	NA	MIR6816
102465842	ENSG00000278281	0	NA	NA	NA	NA	MIR7856
NA	ENSG00000278283	0	NA	NA	NA	NA	
NA	ENSG00000278287	0	NA	NA	NA	NA	
541465	ENSG00000278289	0	NA	NA	NA	NA	CT45A6
NA	ENSG00000278291	83.6179296	-0.69972271	0.30386569	0.00377336	0.01836688	
NA	ENSG00000278292	0	NA	NA	NA	NA	RFPL4AP6
414060	ENSG00000278299	0.50207596	0.02562368	0.38565771	0.52549886	NA	TBC1D3C
NA	ENSG00000278301	5.60378784	-0.09594073	0.37281129	0.47531088	0.69749763	GRAMD4P3
NA	ENSG00000278305	0	NA	NA	NA	NA	
79893	ENSG00000278311	960.777635	-0.22098096	0.10078725	0.02267781	0.08056002	GGNBP2
NA	ENSG00000278313	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000278317	0	NA	NA	NA	NA	H3P46
7772	ENSG00000278318	207.292772	-0.18356775	0.22700305	0.31897714	0.54659755	ZNF229
NA	ENSG00000278319	0	NA	NA	NA	NA	
NA	ENSG00000278324	0	NA	NA	NA	NA	
102465481	ENSG00000278328	0	NA	NA	NA	NA	MIR6802
NA	ENSG00000278330	0	NA	NA	NA	NA	
NA	ENSG00000278331	0	NA	NA	NA	NA	RNU6-156P

NA	ENSG00000278332	0	NA	NA	NA	NA	
NA	ENSG00000278333	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000278334	0	NA	NA	NA	NA	
NA	ENSG00000278337	0	NA	NA	NA	NA	
100507240	ENSG00000278338	2.68572256	-0.05633416	0.37974244	0.52846493	0.74019836	VWA8-AS1
NA	ENSG00000278341	9.95971708	0.30632809	0.49284256	0.09676754	0.24320599	
NA	ENSG00000278342	0	NA	NA	NA	NA	
NA	ENSG00000278344	0.49254283	-0.00725599	0.38270352	0.85969911	NA	
NA	ENSG00000278346	0	NA	NA	NA	NA	
NA	ENSG00000278348	0.48529996	-0.00634339	0.38314649	0.86911804	NA	
102466728	ENSG00000278349	0	NA	NA	NA	NA	MIR6754
NA	ENSG00000278351	0	NA	NA	NA	NA	
NA	ENSG00000278356	0.81044393	-0.0053165	0.38076178	0.92529415	NA	
NA	ENSG00000278358	0	NA	NA	NA	NA	
102466815	ENSG00000278359	0	NA	NA	NA	NA	MIR7155
NA	ENSG00000278367	0	NA	NA	NA	NA	
NA	ENSG00000278370	0.32393624	0.00200546	0.3833754	0.96188194	NA	
NA	ENSG00000278374	0	NA	NA	NA	NA	
NA	ENSG00000278376	7.41730633	-0.0218728	0.35213361	0.87695647	0.94569064	
NA	ENSG00000278381	0	NA	NA	NA	NA	
NA	ENSG00000278382	0	NA	NA	NA	NA	
NA	ENSG00000278383	6.23031926	0.08859932	0.36882307	0.52112572	0.73457437	
NA	ENSG00000278385	0.50807617	0.0307655	0.38601855	0.4831334	NA	
NA	ENSG00000278388	0	NA	NA	NA	NA	
NA	ENSG00000278389	1.03004097	0.03842953	0.38218793	0.5548429	NA	
101929140	ENSG00000278390	19.0483948	0.77250192	0.66599945	0.01865449	0.06881836	
NA	ENSG00000278395	0	NA	NA	NA	NA	
NA	ENSG00000278396	2.24953474	-0.1154891	0.4087133	0.03660847	NA	
NA	ENSG00000278399	0	NA	NA	NA	NA	
NA	ENSG00000278400	0	NA	NA	NA	NA	
NA	ENSG00000278404	0	NA	NA	NA	NA	
NA	ENSG00000278406	0	NA	NA	NA	NA	
NA	ENSG00000278408	0	NA	NA	NA	NA	
NA	ENSG00000278410	0	NA	NA	NA	NA	
102465514	ENSG00000278412	0	NA	NA	NA	NA	MIR6854
NA	ENSG00000278413	0	NA	NA	NA	NA	
NA	ENSG00000278416	12.6707782	-0.0136392	0.33083258	0.93392674	0.97240128	PMS2P2
102465255	ENSG00000278418	0	NA	NA	NA	NA	MIR6512

	NA	ENSG00000278419	0.173124	-0.01911262	0.38486262	0.84537521	NA	
102465491	NA	ENSG00000278420	0	NA	NA	NA	NA	MIR6819
	NA	ENSG00000278421	0	NA	NA	NA	NA	
	NA	ENSG00000278422	0	NA	NA	NA	NA	RN7SL331P
	NA	ENSG00000278424	0	NA	NA	NA	NA	
	NA	ENSG00000278428	0	NA	NA	NA	NA	
	NA	ENSG00000278431	0.16735865	0.01897177	0.38482933	0.78225479	NA	
102464825	NA	ENSG00000278433	0	NA	NA	NA	NA	MIR6070
	NA	ENSG00000278434	13.16938	-0.0453307	0.33509103	0.78558825	0.90248778	
102465837	NA	ENSG00000278438	0	NA	NA	NA	NA	MIR7849
	NA	ENSG00000278441	0	NA	NA	NA	NA	
	NA	ENSG00000278445	0	NA	NA	NA	NA	
	NA	ENSG00000278446	0	NA	NA	NA	NA	
102465468	NA	ENSG00000278447	0	NA	NA	NA	NA	MIR6781
102465538	NA	ENSG00000278449	0	NA	NA	NA	NA	MIR6892
	NA	ENSG00000278454	0	NA	NA	NA	NA	
	NA	ENSG00000278455	0	NA	NA	NA	NA	CICP21
	NA	ENSG00000278456	8.39239292	0.38035541	0.59687202	0.05091403	0.15112722	
	NA	ENSG00000278459	0	NA	NA	NA	NA	
	NA	ENSG00000278462	0.18922458	0.01954053	0.38488496	0.78225479	NA	
8335	NA	ENSG00000278463	1.4320746	-0.00360749	0.37843703	0.95775116	NA	H2AC4
	NA	ENSG00000278464	0	NA	NA	NA	NA	
102466202	NA	ENSG00000278465	0	NA	NA	NA	NA	MIR6769B
	NA	ENSG00000278467	4.55225185	0.04451573	0.3689646	0.69980049	0.8552838	
	NA	ENSG00000278469	0	NA	NA	NA	NA	
	NA	ENSG00000278472	1.36667463	-0.03582163	0.38293725	0.54108399	NA	
	NA	ENSG00000278473	0	NA	NA	NA	NA	IGHV3-41
	NA	ENSG00000278475	0	NA	NA	NA	NA	
	NA	ENSG00000278477	0	NA	NA	NA	NA	
	NA	ENSG00000278478	0	NA	NA	NA	NA	
	NA	ENSG00000278480	0.68547972	0.00328355	0.3812791	0.94867406	NA	ZBTB2P1
	NA	ENSG00000278482	0	NA	NA	NA	NA	
102465881	NA	ENSG00000278483	0	NA	NA	NA	NA	MIR8087
	NA	ENSG00000278484	0	NA	NA	NA	NA	
	NA	ENSG00000278485	0	NA	NA	NA	NA	
	NA	ENSG00000278486	0.18922458	0.01954053	0.38488496	0.78225479	NA	YRDCP1
	NA	ENSG00000278487	0	NA	NA	NA	NA	
	NA	ENSG00000278492	0.30139824	-0.02296476	0.38527817	0.68536535	NA	

NA	ENSG00000278493	0.5534485	0.03296731	0.38624184	0.45102479	NA	
NA	ENSG00000278496	0.87144992	0.03647478	0.38450086	0.44956136	NA	
NA	ENSG00000278497	0	NA	NA	NA	NA	RN7SL759P
NA	ENSG00000278498	0	NA	NA	NA	NA	
NA	ENSG00000278499	0	NA	NA	NA	NA	NPAPIL
102466953	ENSG00000278502	0	NA	NA	NA	NA	MIR6082
284099	ENSG00000278505	0.99975097	0.00408929	0.38084762	0.94127624	NA	C17orf78
NA	ENSG00000278513	0	NA	NA	NA	NA	
NA	ENSG00000278514	0.6222258	-0.03611121	0.38660537	0.42844537	NA	
102465522	ENSG00000278517	0	NA	NA	NA	NA	MIR6865
NA	ENSG00000278518	0	NA	NA	NA	NA	
102467003	ENSG00000278520	0	NA	NA	NA	NA	MIR7851
102724631	ENSG00000278522	0	NA	NA	NA	NA	POTEB3
NA	ENSG00000278523	0	NA	NA	NA	NA	
102466197	ENSG00000278524	0	NA	NA	NA	NA	MIR6810
NA	ENSG00000278525	0	NA	NA	NA	NA	RN7SL607P
NA	ENSG00000278526	0	NA	NA	NA	NA	
NA	ENSG00000278527	0	NA	NA	NA	NA	
NA	ENSG00000278528	0	NA	NA	NA	NA	
102465870	ENSG00000278529	0	NA	NA	NA	NA	MIR8070
101060146	ENSG00000278530	0	NA	NA	NA	NA	CHMP1B2P
NA	ENSG00000278531	0	NA	NA	NA	NA	
NA	ENSG00000278532	0.33956028	0.00191429	0.38337383	0.96940382	NA	
79154	ENSG00000278535	168.664341	0.12406215	0.16948227	0.41588125	0.6427079	DHRS11
NA	ENSG00000278537	0	NA	NA	NA	NA	IGKV2OR2-8
31	ENSG00000278540	3467.15719	-0.68658758	0.07485253	1.13E-20	4.38E-19	ACACA
NA	ENSG00000278541	0	NA	NA	NA	NA	
NA	ENSG00000278543	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000278546	0	NA	NA	NA	NA	
102466191	ENSG00000278549	0	NA	NA	NA	NA	MIR6736
NA	ENSG00000278552	0	NA	NA	NA	NA	
NA	ENSG00000278554	0	NA	NA	NA	NA	
728229	ENSG00000278558	10.164942	0.29470146	0.49142631	0.08932063	0.22925243	TMEM191B
NA	ENSG00000278561	0.55282966	0.01200788	0.3832686	0.74832422	NA	PTPN20CP
NA	ENSG00000278569	0	NA	NA	NA	NA	
10002	ENSG00000278570	1.11957622	-0.03745927	0.38149601	0.58149907	NA	NR2E3
102465694	ENSG00000278571	0	NA	NA	NA	NA	MIR7161
NA	ENSG00000278572	0	NA	NA	NA	NA	

NA	ENSG00000278576	14.3092489	-0.04676827	0.33237357	0.78277586	0.90108377	
NA	ENSG00000278577	0	NA	NA	NA	NA	
NA	ENSG00000278580	0	NA	NA	NA	NA	
102464831	ENSG00000278581	0	NA	NA	NA	NA	MIR6080
NA	ENSG00000278582	0	NA	NA	NA	NA	DNM1P5
NA	ENSG00000278585	0	NA	NA	NA	NA	SNX3P1Y
NA	ENSG00000278586	0	NA	NA	NA	NA	
NA	ENSG00000278587	0	NA	NA	NA	NA	
8346	ENSG00000278588	0.84130257	0.01937507	0.38142915	0.7315091	NA	H2BC10
NA	ENSG00000278589	0	NA	NA	NA	NA	ZACNP1
NA	ENSG00000278590	0.82448947	-0.00283967	0.38204694	0.95221949	NA	RN7SL113P
NA	ENSG00000278592	0	NA	NA	NA	NA	
NA	ENSG00000278593	0	NA	NA	NA	NA	
NA	ENSG00000278594	0.65522314	0.0036232	0.38193527	0.93798669	NA	
NA	ENSG00000278595	0.18922458	0.01954053	0.38488496	0.78225479	NA	
102466225	ENSG00000278596	0	NA	NA	NA	NA	MIR6077
102465464	ENSG00000278598	0	NA	NA	NA	NA	MIR6775
102723859	ENSG00000278599	0	NA	NA	NA	NA	TBC1D3E
NA	ENSG00000278600	99.9828502	0.04472726	0.20332442	0.79233711	0.9050068	
NA	ENSG00000278601	10.3448064	-0.00222734	0.34245929	0.98656312	0.99555514	
NA	ENSG00000278602	0	NA	NA	NA	NA	
NA	ENSG00000278603	9.4506115	-0.11682477	0.36322784	0.46399499	0.68678459	
NA	ENSG00000278607	0	NA	NA	NA	NA	
101928238	ENSG00000278611	2.43512987	0.04607772	0.37608657	0.62651845	NA	ZNF426-DT
102288414	ENSG00000278615	509.565151	-0.15255086	0.1143856	0.16128979	0.34953462	C11orf98
NA	ENSG00000278616	90.5451505	-0.02344081	0.21620607	0.8934377	0.95389529	BEND3P3
102465873	ENSG00000278617	0	NA	NA	NA	NA	MIR8074
79922	ENSG00000278619	90.4019753	-0.32172598	0.26872294	0.11667233	0.27939454	MRM1
NA	ENSG00000278621	0.61510575	-0.01593721	0.38339031	0.71833531	NA	THBS1-AS1
NA	ENSG00000278626	0	NA	NA	NA	NA	
NA	ENSG00000278627	5.53065667	0.03175635	0.35799927	0.81579728	0.9163678	
NA	ENSG00000278630	0	NA	NA	NA	NA	LINC02335
NA	ENSG00000278631	0	NA	NA	NA	NA	SOWAHCP5
NA	ENSG00000278635	0.51365004	0.01575541	0.38315252	0.73354043	NA	
NA	ENSG00000278636	0	NA	NA	NA	NA	
8359	ENSG00000278637	0.66076816	0.00142247	0.38189773	0.97474967	NA	H4C1
NA	ENSG00000278638	0.34685906	0.00013747	0.38336204	0.96715476	NA	
NA	ENSG00000278640	0	NA	NA	NA	NA	

NA	ENSG00000278642	0	NA	NA	NA	NA	
NA	ENSG00000278643	0	NA	NA	NA	NA	
NA	ENSG00000278646	0	NA	NA	NA	NA	
NA	ENSG00000278647	0	NA	NA	NA	NA	CDK2AP2P1
NA	ENSG00000278650	0	NA	NA	NA	NA	
NA	ENSG00000278654	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000278655	0	NA	NA	NA	NA	
NA	ENSG00000278657	0	NA	NA	NA	NA	
102465496	ENSG00000278658	0	NA	NA	NA	NA	MIR6826
NA	ENSG00000278661	0	NA	NA	NA	NA	TRAJ37
643707	ENSG00000278662	17.563364	0.18083861	0.35264553	0.34872569	0.57940857	GOLGA6L10
647042	ENSG00000278662	17.563364	0.18083861	0.35264553	0.34872569	0.57940857	GOLGA6L10
NA	ENSG00000278664	0	NA	NA	NA	NA	DUX4L10
NA	ENSG00000278665	0	NA	NA	NA	NA	
NA	ENSG00000278667	0	NA	NA	NA	NA	
NA	ENSG00000278668	0.90779507	-0.0358039	0.38415971	0.48068148	NA	
102466918	ENSG00000278672	0	NA	NA	NA	NA	MIR8059
8336	ENSG00000278677	12.471278	-0.1815213	0.37451258	0.31439126	0.5421676	H2AC17
NA	ENSG00000278678	0	NA	NA	NA	NA	CYCSP41
NA	ENSG00000278681	0	NA	NA	NA	NA	
NA	ENSG00000278683	0	NA	NA	NA	NA	
NA	ENSG00000278684	0	NA	NA	NA	NA	
392843	ENSG00000278685	0.33471731	0.02354391	0.38534154	0.62842204	NA	IQCA1L
NA	ENSG00000278687	0	NA	NA	NA	NA	
NA	ENSG00000278690	0	NA	NA	NA	NA	
NA	ENSG00000278694	0	NA	NA	NA	NA	
NA	ENSG00000278698	0	NA	NA	NA	NA	
NA	ENSG00000278700	0	NA	NA	NA	NA	
NA	ENSG00000278701	0	NA	NA	NA	NA	
NA	ENSG00000278702	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000278703	0.73483863	0.0240338	0.38394958	0.58025588	NA	
8366	ENSG00000278705	0.93850641	-0.04705871	0.38526582	0.40980939	NA	H4C2
NA	ENSG00000278708	0	NA	NA	NA	NA	
105416157	ENSG00000278709	92.712284	-0.36310715	0.24352678	0.06469213	0.18123296	NKILA
NA	ENSG00000278713	0.66943461	0.03059546	0.38616409	0.42784935	NA	
NA	ENSG00000278715	0	NA	NA	NA	NA	SNORD116-20
NA	ENSG00000278716	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000278719	0.82901937	-0.00343036	0.38204835	0.94218727	NA	MCM8-AS1

NA	ENSG00000278720	0	NA	NA	NA	NA	
NA	ENSG00000278722	0	NA	NA	NA	NA	
NA	ENSG00000278724	0	NA	NA	NA	NA	
NA	ENSG00000278725	0	NA	NA	NA	NA	
NA	ENSG00000278727	6.49985499	-0.51164563	0.91336746	0.02074618	0.07509654	
NA	ENSG00000278730	1232.95636	-0.14384618	0.07649248	0.05468881	0.15944542	
NA	ENSG00000278732	0	NA	NA	NA	NA	
NA	ENSG00000278733	1.44872382	0.01681854	0.38007297	0.79268203	NA	
NA	ENSG00000278734	0	NA	NA	NA	NA	
NA	ENSG00000278736	0	NA	NA	NA	NA	
NA	ENSG00000278737	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000278740	0.6305333	0.00167151	0.38196374	0.97026748	NA	
NA	ENSG00000278743	3.76116721	0.0393628	0.36916179	0.72777116	0.86981806	
NA	ENSG00000278744	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000278745	0	NA	NA	NA	NA	
NA	ENSG00000278746	0	NA	NA	NA	NA	RN7SL660P
NA	ENSG00000278752	0	NA	NA	NA	NA	
NA	ENSG00000278754	0	NA	NA	NA	NA	
102465431	ENSG00000278756	0	NA	NA	NA	NA	MIR6722
NA	ENSG00000278761	0.37844916	0.02407552	0.3854191	0.60038877	NA	DUX4L11
NA	ENSG00000278763	0	NA	NA	NA	NA	FAM27B
NA	ENSG00000278764	0	NA	NA	NA	NA	
NA	ENSG00000278765	8.02557242	-0.01941339	0.35635624	0.88392508	0.94897201	
NA	ENSG00000278766	0.61755868	-0.01596221	0.38274428	0.71754976	NA	
NA	ENSG00000278768	317.376176	0.05478906	0.17152859	0.72201724	0.86742752	BACE1-AS
NA	ENSG00000278769	6.91457461	0.01114498	0.38269353	0.80714738	0.91260538	
NA	ENSG00000278770	1.66632551	0.00979817	0.3767871	0.9010465	NA	
378707	ENSG00000278771	1.59050933	0.00544309	0.37939544	0.93415365	NA	RN7SL3
NA	ENSG00000278773	0	NA	NA	NA	NA	
NA	ENSG00000278774	0	NA	NA	NA	NA	
NA	ENSG00000278778	0	NA	NA	NA	NA	
102466516	ENSG00000278783	0	NA	NA	NA	NA	MIR6071
NA	ENSG00000278784	48.5388491	0.29099932	0.28621468	0.16579362	0.35599996	
NA	ENSG00000278790	0.51937201	-0.02557462	0.38567603	0.54680819	NA	DUX4L12
NA	ENSG00000278791	0	NA	NA	NA	NA	
NA	ENSG00000278794	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000278797	0	NA	NA	NA	NA	
102465494	ENSG00000278799	0	NA	NA	NA	NA	MIR6823

	NA	ENSG00000278802	0	NA	NA	NA	NA	
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100289211	ENSG00000278811	45.0937049	-0.0951132	0.27270826	0.62453578	0.80860493		LINC00624
	NA	ENSG00000278813	0	NA	NA	NA	NA	
	NA	ENSG00000278815	0	NA	NA	NA	NA	
	NA	ENSG00000278816	0.68099355	0.00399434	0.38130172	0.9377688	NA	
	NA	ENSG00000278818	0	NA	NA	NA	NA	
	NA	ENSG00000278819	0	NA	NA	NA	NA	
	NA	ENSG00000278822	0	NA	NA	NA	NA	
	NA	ENSG00000278824	0	NA	NA	NA	NA	
	NA	ENSG00000278825	0	NA	NA	NA	NA	RN7SL640P
8357	ENSG00000278828	19.4001617	-1.54846802	0.609767	0.00063295	0.00396015		H3C10
	NA	ENSG00000278829	2.0212972	-0.03974361	0.3782839	0.63269431	NA	
	NA	ENSG00000278830	0	NA	NA	NA	NA	
	NA	ENSG00000278831	2.56263446	-0.00050754	0.37142003	0.99425013	0.9982983	
	NA	ENSG00000278834	66.2526028	-0.0646649	0.24169653	0.73065461	0.87116511	
	NA	ENSG00000278837	0	NA	NA	NA	NA	
	NA	ENSG00000278838	0	NA	NA	NA	NA	
	NA	ENSG00000278840	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
	NA	ENSG00000278842	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
84311	ENSG00000278845	549.872591	-0.1227529	0.10418397	0.21914696	0.43105634		MRPL45
	NA	ENSG00000278847	0	NA	NA	NA	NA	
102724127	ENSG00000278848	1.01803244	0.02822651	0.38250567	0.61034369	NA		TP53TG3F
102466756	ENSG00000278851	0	NA	NA	NA	NA		MIR6879
	NA	ENSG00000278852	0	NA	NA	NA	NA	
	NA	ENSG00000278854	0	NA	NA	NA	NA	
	NA	ENSG00000278857	0	NA	NA	NA	NA	IGKV1D-12
	NA	ENSG00000278859	0	NA	NA	NA	NA	
	NA	ENSG00000278860	0	NA	NA	NA	NA	
	NA	ENSG00000278861	9.23455918	-0.00551427	0.34260495	0.96984832	0.98858357	
	NA	ENSG00000278862	0	NA	NA	NA	NA	
	NA	ENSG00000278863	0	NA	NA	NA	NA	
	NA	ENSG00000278864	283.679135	-0.17614354	0.14079704	0.17746525	0.37250429	
	NA	ENSG00000278865	0	NA	NA	NA	NA	
	NA	ENSG00000278866	0	NA	NA	NA	NA	
	NA	ENSG00000278867	17.5500169	0.0894502	0.32040938	0.63188629	0.81371846	
	NA	ENSG00000278869	1.05217154	0.03036692	0.38186909	0.61499831	NA	
79324	ENSG00000278870	0	NA	NA	NA	NA		OR51G1

NA	ENSG00000278872	0	NA	NA	NA	NA	
100133319	ENSG00000278873	0	NA	NA	NA	NA	
NA	ENSG00000278874	0	NA	NA	NA	NA	
NA	ENSG00000278875	10.6496355	0.33712803	0.49683096	0.09782388	0.24511566	
NA	ENSG00000278876	2.20085399	-0.04334936	0.37990436	0.58435561	NA	
NA	ENSG00000278877	0	NA	NA	NA	NA	
NA	ENSG00000278878	17.5115536	0.27619974	0.39242704	0.18910637	0.38988574	
NA	ENSG00000278879	24.3023661	-0.074257	0.3022171	0.69589249	0.8531799	
NA	ENSG00000278880	0	NA	NA	NA	NA	
NA	ENSG00000278881	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000278884	0	NA	NA	NA	NA	
NA	ENSG00000278885	0	NA	NA	NA	NA	
NA	ENSG00000278886	0	NA	NA	NA	NA	
56656	ENSG00000278889	0	NA	NA	NA	NA	OR2S2
NA	ENSG00000278890	0	NA	NA	NA	NA	
NA	ENSG00000278891	0.32455646	0.00143451	0.38336892	0.96657217	NA	
NA	ENSG00000278892	0	NA	NA	NA	NA	
NA	ENSG00000278893	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000278894	0	NA	NA	NA	NA	
NA	ENSG00000278895	0	NA	NA	NA	NA	
NA	ENSG00000278896	0.65817586	0.0053283	0.38137513	0.91720367	NA	
NA	ENSG00000278897	71.8632558	-0.08549874	0.22766136	0.64103145	0.82014987	
NA	ENSG00000278898	0	NA	NA	NA	NA	
645967	ENSG00000278899	8.79696341	0.01470368	0.34496469	0.92552726	0.96901263	
NA	ENSG00000278900	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000278901	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000278902	0	NA	NA	NA	NA	
NA	ENSG00000278903	94.4379908	-0.43799353	0.24680945	0.02890319	0.09740774	
NA	ENSG00000278905	4.60718622	0.13149554	0.40090538	0.22440085	0.43811384	
NA	ENSG00000278907	0	NA	NA	NA	NA	
NA	ENSG00000278908	0	NA	NA	NA	NA	
NA	ENSG00000278909	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000278910	0	NA	NA	NA	NA	BANCR
NA	ENSG00000278911	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000278912	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000278913	0	NA	NA	NA	NA	
NA	ENSG00000278914	0	NA	NA	NA	NA	
NA	ENSG00000278915	20.5365684	-0.22071148	0.35281411	0.27767254	0.50221169	

144486	ENSG00000278916	30.5211371	-0.19531082	0.33999062	0.32902129	0.55760064	CEP83-DT
NA	ENSG00000278917	36.3396416	0.06718164	0.28469286	0.73010199	0.8709773	
NA	ENSG00000278918	33.9175335	0.39448763	0.37198202	0.09427336	0.23856932	
NA	ENSG00000278920	0.48411431	0.01092148	0.38338295	0.7918823	NA	
54508	ENSG00000278921	13.4965489	0.46402081	0.58861706	0.05716494	0.16506603	EPB41L4A-DT
NA	ENSG00000278922	113.620491	0.02476068	0.19438999	0.88532542	0.95004523	
NA	ENSG00000278923	0	NA	NA	NA	NA	
NA	ENSG00000278924	0	NA	NA	NA	NA	
NA	ENSG00000278925	0	NA	NA	NA	NA	
NA	ENSG00000278926	0	NA	NA	NA	NA	
NA	ENSG00000278927	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000278928	0	NA	NA	NA	NA	
NA	ENSG00000278929	0	NA	NA	NA	NA	
NA	ENSG00000278931	40.5792079	0.13068355	0.28149383	0.50964231	0.72529255	
NA	ENSG00000278932	109.860385	0.26356223	0.20967218	0.13740934	0.31303264	
NA	ENSG00000278933	0	NA	NA	NA	NA	
NA	ENSG00000278934	5.32940292	0.24876126	0.47568593	0.07645403	0.20428929	
NA	ENSG00000278935	2.03287166	-0.09789836	0.39561331	0.21308672	NA	
NA	ENSG00000278936	0	NA	NA	NA	NA	
NA	ENSG00000278941	0	NA	NA	NA	NA	SMG6-IT1
NA	ENSG00000278942	0	NA	NA	NA	NA	
NA	ENSG00000278943	0.66618562	0.00296743	0.38131587	0.95326965	NA	
NA	ENSG00000278944	0	NA	NA	NA	NA	
NA	ENSG00000278945	0	NA	NA	NA	NA	
NA	ENSG00000278946	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000278948	79.4422354	0.23865679	0.23756236	0.21126153	0.42040408	
NA	ENSG00000278949	22.0308491	0.07996991	0.31455282	0.67068802	0.83771678	
NA	ENSG00000278950	137.349973	-0.272815	0.19374438	0.10424126	0.2570084	
NA	ENSG00000278952	18.809168	0.33281958	0.42024393	0.1345701	0.30894131	
NA	ENSG00000278953	0	NA	NA	NA	NA	
NA	ENSG00000278954	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000278955	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000278957	3.96038837	-0.07928254	0.37720275	0.48715095	0.70702032	
NA	ENSG00000278958	0.3225121	0.00088373	0.38336483	0.97261144	NA	
NA	ENSG00000278959	17.0084576	0.36677888	0.44797686	0.10887605	0.2651081	
NA	ENSG00000278960	0.16735865	0.01897177	0.38482933	0.78225479	NA	
107983987	ENSG00000278961	0.66381455	0.00212446	0.38131084	0.96612837	NA	SMIM34B
NA	ENSG00000278962	73.7849615	-0.09597437	0.22528213	0.59952406	0.79057618	

NA	ENSG00000278963	6.2839363	0.04197755	0.3561721	0.76745894	0.89288602	
NA	ENSG00000278964	0.69249601	-0.03077728	0.38619256	0.44510896	NA	
NA	ENSG00000278965	0	NA	NA	NA	NA	
NA	ENSG00000278966	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000278967	0.9178025	-0.01093156	0.38208463	0.82211475	NA	
NA	ENSG00000278969	0	NA	NA	NA	NA	
100859930	ENSG00000278970	293.912137	-0.06122568	0.15039426	0.65706455	0.82978985	HEIH
NA	ENSG00000278971	14.9879682	0.14783323	0.3540019	0.41471644	0.64180766	
NA	ENSG00000278972	0	NA	NA	NA	NA	
NA	ENSG00000278973	0.34112427	0.02362663	0.38535341	0.62409822	NA	
NA	ENSG00000278974	82.2045048	-0.17829963	0.23215218	0.33985613	0.57023391	
NA	ENSG00000278975	0	NA	NA	NA	NA	
NA	ENSG00000278977	16.7048788	0.02908379	0.38153742	0.64778252	0.82432206	
NA	ENSG00000278979	0.3166985	0.00109722	0.38336642	0.96734037	NA	
NA	ENSG00000278980	0	NA	NA	NA	NA	
NA	ENSG00000278981	0	NA	NA	NA	NA	
NA	ENSG00000278982	6.77012459	-0.50414974	0.86705715	0.02347241	0.08280453	
NA	ENSG00000278983	3.08420214	-0.04651093	0.37280675	0.65867333	0.83073135	
NA	ENSG00000278985	4.72978029	0.04725575	0.36753133	0.69468907	0.85235814	
NA	ENSG00000278986	26.9345065	0.08535142	0.30814619	0.65561812	0.82871199	
NA	ENSG00000278987	14.4929987	0.02271516	0.32638438	0.89794903	0.95529566	
NA	ENSG00000278988	1.1480568	-0.07789501	0.39456556	0.14496953	NA	
NA	ENSG00000278989	26.6130032	-0.19919599	0.33370787	0.32436387	0.55220346	
NA	ENSG00000278990	0	NA	NA	NA	NA	
NA	ENSG00000278991	30.1177343	0.16418592	0.30900909	0.41402031	0.64129366	
NA	ENSG00000278992	0	NA	NA	NA	NA	
NA	ENSG00000278993	34.3896577	0.1212737	0.28535363	0.54016894	0.748907	
NA	ENSG00000278994	0	NA	NA	NA	NA	
NA	ENSG00000278995	0	NA	NA	NA	NA	
NA	ENSG00000278996	3.8569005	0.05470191	0.38155652	0.50729372	0.72324715	
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NA	ENSG00000278999	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
390093	ENSG00000279000	0	NA	NA	NA	NA	OR10A6
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NA	ENSG00000279004	0	NA	NA	NA	NA	
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NA	ENSG00000279006	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000279009	0	NA	NA	NA	NA	
NA	ENSG00000279011	0	NA	NA	NA	NA	
79345	ENSG00000279012	0	NA	NA	NA	NA	OR51B2
NA	ENSG00000279013	3.57769257	-0.12553649	0.39762453	0.24878759	0.468084	
NA	ENSG00000279014	0	NA	NA	NA	NA	
NA	ENSG00000279015	0	NA	NA	NA	NA	
NA	ENSG00000279016	0	NA	NA	NA	NA	
NA	ENSG00000279017	0	NA	NA	NA	NA	
NA	ENSG00000279019	33.9024654	0.30795862	0.33887969	0.16301181	0.35195933	
147276	ENSG00000279020	0.14931947	-0.01844332	0.38480212	0.84537521	NA	C18orf15
NA	ENSG00000279021	0	NA	NA	NA	NA	
NA	ENSG00000279022	4.01786963	-0.02181016	0.36625377	0.84741556	0.93065124	
NA	ENSG00000279023	0	NA	NA	NA	NA	
NA	ENSG00000279024	0	NA	NA	NA	NA	
NA	ENSG00000279025	0	NA	NA	NA	NA	
NA	ENSG00000279026	40.7409378	-0.04970243	0.27022671	0.79544854	0.90598116	
NA	ENSG00000279028	0.83187721	0.0210533	0.38087126	0.72877196	NA	
NA	ENSG00000279029	0	NA	NA	NA	NA	
NA	ENSG00000279030	1.76114394	-0.02752435	0.3776185	0.72999327	NA	
NA	ENSG00000279031	1.09912901	-0.02385504	0.38187235	0.67226597	NA	
NA	ENSG00000279032	0	NA	NA	NA	NA	
NA	ENSG00000279033	0.94612289	0.04084733	0.38743659	0.29648824	NA	
NA	ENSG00000279034	0	NA	NA	NA	NA	
NA	ENSG00000279035	45.275524	0.19357851	0.28344155	0.34024612	0.57056767	
NA	ENSG00000279036	1.50986807	0.01506161	0.37988069	0.81474392	NA	
NA	ENSG00000279039	21.6342454	-0.43027103	0.44322309	0.07932401	0.21009055	
NA	ENSG00000279040	0	NA	NA	NA	NA	
NA	ENSG00000279041	22.3863828	0.90533461	0.617159	0.01054258	0.04322478	
NA	ENSG00000279042	0	NA	NA	NA	NA	
NA	ENSG00000279043	0	NA	NA	NA	NA	
NA	ENSG00000279044	4.04065517	-0.10743732	0.38825358	0.33635403	0.56629871	
NA	ENSG00000279045	0	NA	NA	NA	NA	
NA	ENSG00000279046	0	NA	NA	NA	NA	
NA	ENSG00000279047	34.927362	0.8511479	0.47815048	0.00761251	0.0331284	
NA	ENSG00000279048	5.53625832	0.09739529	0.37467461	0.46420683	0.68694439	
NA	ENSG00000279049	0	NA	NA	NA	NA	
145624	ENSG00000279050	0.30139824	-0.02296476	0.38527817	0.68536535	NA	PWAR1

219952	ENSG00000279051	0	NA	NA	NA	NA	OR6Q1
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NA	ENSG00000279057	11.2219251	0.04983154	0.34499121	0.75528689	0.88614698	
NA	ENSG00000279058	30.8087955	0.08488103	0.28923303	0.66358225	0.83404953	AGAP14P
NA	ENSG00000279059	226.686631	-0.15309974	0.15726797	0.28477276	0.51005611	
NA	ENSG00000279061	0	NA	NA	NA	NA	
NA	ENSG00000279062	0.7290186	0.02670617	0.38352953	0.5576775	NA	CDRT15P8
NA	ENSG00000279063	0	NA	NA	NA	NA	
NA	ENSG00000279064	2.43194105	0.16794006	0.43312093	0.03972682	NA	
NA	ENSG00000279065	0	NA	NA	NA	NA	
NA	ENSG00000279066	13.4045141	0.2236145	0.40136177	0.22485916	0.43874524	HEXD-IT1
NA	ENSG00000279067	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279068	4.34772726	-0.02949564	0.36667598	0.79723962	0.90684749	
NA	ENSG00000279069	181.964315	0.12996219	0.16261564	0.37805138	0.60702282	
NA	ENSG00000279070	1.0248884	0.04600433	0.38566903	0.36437967	NA	
NA	ENSG00000279071	2.30369212	-0.01865884	0.37473538	0.83120618	NA	
NA	ENSG00000279072	58.5070756	-0.18749505	0.35634081	0.32233833	0.54993486	
NA	ENSG00000279073	1.08475736	-0.02627946	0.38216588	0.64167213	NA	
NA	ENSG00000279074	0	NA	NA	NA	NA	
NA	ENSG00000279075	0.656374	0.00541802	0.38197191	0.90814526	NA	
NA	ENSG00000279076	0	NA	NA	NA	NA	
NA	ENSG00000279077	2.41270143	0.10674948	0.39669484	0.22044735	NA	
27099	ENSG00000279078	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SND1-IT1
NA	ENSG00000279080	1.14152209	0.03339803	0.38297376	0.55606094	NA	
NA	ENSG00000279081	0	NA	NA	NA	NA	
NA	ENSG00000279082	0	NA	NA	NA	NA	LINC01727
NA	ENSG00000279083	0	NA	NA	NA	NA	
NA	ENSG00000279085	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000279086	5.41473639	0.06654949	0.36583044	0.61483562	0.80225838	
NA	ENSG00000279087	0	NA	NA	NA	NA	
NA	ENSG00000279088	138.955252	-0.11141069	0.18332897	0.48824275	0.70797163	
NA	ENSG00000279089	92.7649512	0.03003359	0.20847132	0.86520516	0.94028794	
NA	ENSG00000279090	0	NA	NA	NA	NA	
NA	ENSG00000279091	1.13745111	0.02023175	0.38032863	0.75131922	NA	
NA	ENSG00000279092	21.2060193	-0.07181149	0.31641971	0.6963188	0.85340714	
NA	ENSG00000279093	0	NA	NA	NA	NA	
105379487	ENSG00000279094	104.621854	0.00345522	0.21070142	0.98587465	0.99515406	LINC01670
NA	ENSG00000279095	0	NA	NA	NA	NA	

NA	ENSG00000279096	0.50581125	0.01462881	0.38308364	0.74912365	NA	
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NA	ENSG00000279098	0	NA	NA	NA	NA	
NA	ENSG00000279099	0	NA	NA	NA	NA	
NA	ENSG00000279100	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000279103	7.62610028	-0.03761709	0.35020992	0.79912075	0.90801909	
NA	ENSG00000279104	0	NA	NA	NA	NA	
NA	ENSG00000279106	0.32322354	0.00154498	0.38337005	0.96628991	NA	
NA	ENSG00000279107	0.4737611	-0.00950241	0.38286386	0.84370504	NA	
NA	ENSG00000279108	13.1647972	0.64099989	0.73555944	0.03075019	0.10226009	
NA	ENSG00000279110	3.07133414	-0.02457609	0.37002126	0.81407333	0.91592004	
128367	ENSG00000279111	0	NA	NA	NA	NA	OR10X1
NA	ENSG00000279113	0	NA	NA	NA	NA	
NA	ENSG00000279114	5.79369815	-0.07358869	0.36727119	0.5770776	0.77557535	
283160	ENSG00000279116	0	NA	NA	NA	NA	OR8D2
NA	ENSG00000279117	41.1359249	-0.00508327	0.38295893	0.88541167	0.95005774	
NA	ENSG00000279118	1.43722135	0.10262279	0.40274337	0.06970179	NA	
NA	ENSG00000279119	61.1250234	-0.17761443	0.27912413	0.37546462	0.60454618	
NA	ENSG00000279120	0	NA	NA	NA	NA	
NA	ENSG00000279121	0.34047663	-0.00022102	0.38336234	0.96734762	NA	
NA	ENSG00000279122	0	NA	NA	NA	NA	
NA	ENSG00000279123	0.46855008	-0.02820609	0.38578816	0.54682367	NA	
NA	ENSG00000279124	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000279125	0	NA	NA	NA	NA	
NA	ENSG00000279127	0	NA	NA	NA	NA	
NA	ENSG00000279128	0	NA	NA	NA	NA	
NA	ENSG00000279129	0.96293393	0.00473491	0.38092206	0.93163203	NA	
NA	ENSG00000279130	0	NA	NA	NA	NA	
NA	ENSG00000279133	14.2321104	-0.11053898	0.34190316	0.53166884	0.74289103	
NA	ENSG00000279134	0	NA	NA	NA	NA	
NA	ENSG00000279135	2.00725604	0.03960454	0.37647642	0.66274674	NA	
NA	ENSG00000279136	0	NA	NA	NA	NA	
NA	ENSG00000279137	22.7422296	-0.15195454	0.33744931	0.4250118	0.65083623	
NA	ENSG00000279138	3.27711685	-0.047473	0.37521398	0.63084243	0.81335546	
NA	ENSG00000279139	0	NA	NA	NA	NA	
NA	ENSG00000279140	1.91966509	-0.01583798	0.37618404	0.84561577	NA	
401561	ENSG00000279141	0	NA	NA	NA	NA	
NA	ENSG00000279142	0	NA	NA	NA	NA	

NA	ENSG00000279143	0	NA	NA	NA	NA	
NA	ENSG00000279144	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000279145	19.1401075	0.1322963	0.34302779	0.47139094	0.69371391	
NA	ENSG00000279146	36.1956206	-0.84404641	0.41953469	0.00499696	0.02321227	
NA	ENSG00000279147	2.30933728	0.03504663	0.37632825	0.69453753	NA	
NA	ENSG00000279148	5.43245453	-0.03384286	0.35906811	0.79804487	0.9074513	
NA	ENSG00000279149	2.03275454	0.04607283	0.3818133	0.53149338	NA	
NA	ENSG00000279151	0	NA	NA	NA	NA	
NA	ENSG00000279152	0	NA	NA	NA	NA	
NA	ENSG00000279153	0	NA	NA	NA	NA	
NA	ENSG00000279154	0	NA	NA	NA	NA	
NA	ENSG00000279155	10.6242858	-0.16449554	0.37482012	0.33844886	0.56881111	
NA	ENSG00000279156	0	NA	NA	NA	NA	
NA	ENSG00000279157	0	NA	NA	NA	NA	
NA	ENSG00000279159	122.684305	0.00222219	0.19045145	0.99546258	0.99852582	
NA	ENSG00000279160	0	NA	NA	NA	NA	
NA	ENSG00000279161	550.254428	0.11011066	0.10252532	0.26515509	0.48737693	
NA	ENSG00000279162	8.23656017	-0.07548941	0.3604042	0.6012103	0.79187494	
NA	ENSG00000279163	0	NA	NA	NA	NA	
NA	ENSG00000279164	0	NA	NA	NA	NA	
NA	ENSG00000279165	0	NA	NA	NA	NA	
NA	ENSG00000279166	0.68448699	-0.01791781	0.38340603	0.67748979	NA	
NA	ENSG00000279167	0	NA	NA	NA	NA	
NA	ENSG00000279168	24.484787	-0.04991385	0.30729443	0.78923431	0.90431711	
400736	ENSG00000279169	0	NA	NA	NA	NA	PRAMEF13
100130890	ENSG00000279170	149.133618	0.18167179	0.17726411	0.24849993	0.46776458	TSTD3
NA	ENSG00000279171	0	NA	NA	NA	NA	
NA	ENSG00000279172	0	NA	NA	NA	NA	
NA	ENSG00000279173	0.74876195	-0.04239829	0.38743873	0.35082369	NA	
NA	ENSG00000279174	0.48850857	-0.00709999	0.38317036	0.85750295	NA	
NA	ENSG00000279175	1.36458645	0.03394953	0.37994257	0.64188365	NA	
NA	ENSG00000279176	0	NA	NA	NA	NA	
NA	ENSG00000279179	9.43905476	0.0237237	0.34920452	0.87509256	0.94496469	
NA	ENSG00000279180	0	NA	NA	NA	NA	
NA	ENSG00000279181	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279182	13.3903515	-0.04653401	0.33007943	0.78617701	0.90280441	
NA	ENSG00000279186	6.93097416	0.02907237	0.35364006	0.84012449	0.92740601	
NA	ENSG00000279187	19.6889479	0.08482465	0.31606529	0.65194639	0.82607871	

NA	ENSG00000279189	0	NA	NA	NA	NA	
NA	ENSG00000279190	0	NA	NA	NA	NA	
NA	ENSG00000279192	50.0765758	-0.3942557	0.38431666	0.0948677	0.23964543	PWAR5
NA	ENSG00000279193	0	NA	NA	NA	NA	
NA	ENSG00000279196	111.449768	0.34901989	0.22032171	0.05863098	0.1682196	
NA	ENSG00000279197	0.47090853	-0.02832164	0.38579823	0.54488124	NA	
NA	ENSG00000279198	228.61233	0.2765694	0.1616435	0.05901442	0.16897765	
NA	ENSG00000279199	7.87423583	0.02065642	0.34774909	0.89236443	0.95349581	
NA	ENSG00000279200	0.35661734	0.0238166	0.38538099	0.61404922	NA	
NA	ENSG00000279201	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000279202	0	NA	NA	NA	NA	
NA	ENSG00000279203	2.04111769	-0.10348504	0.39636246	0.21580913	NA	
NA	ENSG00000279204	1.88344011	0.00244094	0.37770123	0.97472554	NA	
NA	ENSG00000279205	2.79654461	-0.0459653	0.37486248	0.64167318	0.82065338	
NA	ENSG00000279206	1.17038299	0.02077448	0.38018855	0.74817677	NA	
NA	ENSG00000279207	717.411584	0.13444253	0.12684265	0.262633	0.4846655	
NA	ENSG00000279208	26.1618601	0.25766101	0.3576436	0.22310452	0.43623174	
NA	ENSG00000279209	0	NA	NA	NA	NA	
NA	ENSG00000279211	0	NA	NA	NA	NA	
NA	ENSG00000279212	4.27648048	-0.0518753	0.36718983	0.66989822	0.83753108	
NA	ENSG00000279213	2.23051044	0.07526085	0.38481772	0.39761984	NA	SNX18P10
NA	ENSG00000279214	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000279217	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279218	0	NA	NA	NA	NA	
NA	ENSG00000279220	0	NA	NA	NA	NA	GPR1-AS
NA	ENSG00000279221	1.28186884	-0.0724298	0.39003593	0.25003726	NA	
NA	ENSG00000279222	0	NA	NA	NA	NA	
NA	ENSG00000279223	0	NA	NA	NA	NA	
NA	ENSG00000279225	0	NA	NA	NA	NA	
NA	ENSG00000279226	0.34074347	0.00309568	0.38339338	0.95889232	NA	
NA	ENSG00000279227	23.86746	0.38061476	0.42336748	0.10479673	0.25792917	
NA	ENSG00000279228	5.19816433	0.00959037	0.38237434	0.84050203	0.92760529	
NA	ENSG00000279231	0	NA	NA	NA	NA	
NA	ENSG00000279232	24.5366476	0.42085157	0.52470573	0.07391197	0.19929513	
NA	ENSG00000279233	118.248452	-0.29531667	0.20181529	0.08771711	0.22627844	
NA	ENSG00000279235	1.29318812	-0.01288463	0.37942781	0.84364452	NA	
NA	ENSG00000279236	0.8622387	0.03734404	0.384704	0.4539977	NA	
NA	ENSG00000279237	1.37245473	0.00402148	0.37785259	0.95620517	NA	

NA	ENSG00000279239	0	NA	NA	NA	NA	
NA	ENSG00000279240	0	NA	NA	NA	NA	
NA	ENSG00000279243	0.87095166	-0.03046877	0.38459469	0.50479984	NA	LINC02736
100132967	ENSG00000279245	1.31999213	0.00744171	0.37690963	0.92370479	NA	FAM223A
NA	ENSG00000279246	32.2408872	0.67568796	0.46609726	0.02018688	0.07344722	
NA	ENSG00000279248	0	NA	NA	NA	NA	
NA	ENSG00000279249	15.5453793	-1.43719996	0.84155617	0.0031426	0.0157487	
NA	ENSG00000279250	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279251	0	NA	NA	NA	NA	
NA	ENSG00000279253	19.0829554	-0.13154262	0.33194697	0.48481889	0.70488105	
NA	ENSG00000279254	14.414514	0.77095288	0.74054421	0.02079249	0.07522674	
NA	ENSG00000279255	9.51590547	0.1153225	0.36990399	0.4452586	0.67004935	
NA	ENSG00000279256	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000279259	15.9317377	-0.01224017	0.31966309	0.94304205	0.97661312	
100130249	ENSG00000279261	0	NA	NA	NA	NA	
NA	ENSG00000279262	0.173733	0.01914545	0.38484597	0.78225479	NA	
391190	ENSG00000279263	0.18922458	0.01954053	0.38488496	0.78225479	NA	OR2L8
NA	ENSG00000279264	0	NA	NA	NA	NA	
NA	ENSG00000279265	24.3067607	0.08161088	0.30812754	0.66885727	0.83720078	
NA	ENSG00000279266	5.27197976	-0.16514017	0.405068	0.23084898	0.44684775	
NA	ENSG00000279267	34.808581	0.17968306	0.31285867	0.37593571	0.60500552	
NA	ENSG00000279268	0	NA	NA	NA	NA	
NA	ENSG00000279269	0.18922458	0.01954053	0.38488496	0.78225479	NA	
119695	ENSG00000279270	0	NA	NA	NA	NA	OR52R1
NA	ENSG00000279271	0	NA	NA	NA	NA	
NA	ENSG00000279273	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000279274	0	NA	NA	NA	NA	
NA	ENSG00000279275	0	NA	NA	NA	NA	
NA	ENSG00000279276	0	NA	NA	NA	NA	
NA	ENSG00000279277	14.6793667	0.1601024	0.35715542	0.38376401	0.61293849	
NA	ENSG00000279278	143.726626	-0.0838805	0.1763856	0.59149378	0.78612249	
NA	ENSG00000279281	0.47332573	-0.03506298	0.38628512	0.49588574	NA	
NA	ENSG00000279283	10.2294131	0.00967539	0.3475468	0.95071858	0.97972521	
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NA	ENSG00000279285	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000279286	0	NA	NA	NA	NA	
NA	ENSG00000279288	5.91685055	-0.13650259	0.38936969	0.31672662	0.54452953	
NA	ENSG00000279289	1.28450162	0.06052265	0.38869508	0.26230722	NA	

NA	ENSG00000279294	1.88468751	-0.03421861	0.37915748	0.6558224	NA	
NA	ENSG00000279295	0	NA	NA	NA	NA	
NA	ENSG00000279296	0	NA	NA	NA	NA	PRAL
NA	ENSG00000279297	0	NA	NA	NA	NA	
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NA	ENSG00000279299	0	NA	NA	NA	NA	
NA	ENSG00000279300	8.34050582	-0.48696876	0.73208722	0.03683838	0.11801604	
127077	ENSG00000279301	0	NA	NA	NA	NA	OR2T11
NA	ENSG00000279302	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000279304	0	NA	NA	NA	NA	
NA	ENSG00000279305	0	NA	NA	NA	NA	
NA	ENSG00000279306	3.90275741	0.0248843	0.36706011	0.82820076	0.92220943	
NA	ENSG00000279307	0	NA	NA	NA	NA	NDUFAF2P1
NA	ENSG00000279310	0	NA	NA	NA	NA	
NA	ENSG00000279311	0	NA	NA	NA	NA	
NA	ENSG00000279314	1.63403445	-0.03962993	0.37951333	0.61194302	NA	
NA	ENSG00000279315	1.10482407	-0.00480762	0.38054683	0.93333037	NA	
NA	ENSG00000279317	1.05421865	-0.04483009	0.3850982	0.43839487	NA	
NA	ENSG00000279319	0.87530628	0.04489936	0.38505532	0.40222368	NA	
NA	ENSG00000279320	0	NA	NA	NA	NA	
NA	ENSG00000279321	0	NA	NA	NA	NA	
NA	ENSG00000279322	0	NA	NA	NA	NA	
NA	ENSG00000279324	0	NA	NA	NA	NA	
NA	ENSG00000279325	0	NA	NA	NA	NA	
NA	ENSG00000279326	0	NA	NA	NA	NA	
NA	ENSG00000279328	1.81771115	-0.00644767	0.37440687	0.93995218	NA	
NA	ENSG00000279329	28.8697467	-0.15662089	0.31376346	0.42893856	0.65462623	
NA	ENSG00000279330	0.3411058	0.02362649	0.38535339	0.62410801	NA	
55472	ENSG00000279331	26.6143833	-0.03845104	0.29173481	0.83890832	0.92674595	RBM12B-AS1
NA	ENSG00000279332	6.23145787	0.10455617	0.37206	0.46155824	0.68465911	
NA	ENSG00000279333	98.4267096	-0.06639771	0.38483837	0.40480878	0.63319191	
NA	ENSG00000279334	0	NA	NA	NA	NA	
NA	ENSG00000279336	0	NA	NA	NA	NA	
NA	ENSG00000279337	0.71316646	0.04204752	0.38737424	0.34133814	NA	
NA	ENSG00000279339	4.13753589	-0.0949305	0.38807457	0.34061518	0.57088546	
NA	ENSG00000279340	0	NA	NA	NA	NA	
NA	ENSG00000279341	0	NA	NA	NA	NA	
NA	ENSG00000279342	73.9172766	0.05223496	0.26054828	0.78674577	0.90296292	

NA	ENSG00000279343	8.9390618	0.1421535	0.37438877	0.3775141	0.60636177
NA	ENSG00000279344	3.25428293	-0.05053682	0.37551661	0.61163175	0.79965575
NA	ENSG00000279345	11.8731653	0.11324216	0.34895067	0.51351279	0.72876207
NA	ENSG00000279347	27.328016	-0.00790045	0.29271458	0.96507867	0.98622874
NA	ENSG00000279348	256.399828	-0.51248173	0.1707447	0.00094198	0.0056302
NA	ENSG00000279349	2.86644258	-0.0266089	0.37394581	0.77495708	0.89613481
NA	ENSG00000279352	0.85949424	0.00280834	0.38176947	0.90639607	NA
NA	ENSG00000279353	0.64683575	-0.02476056	0.38289533	0.63607921	NA
NA	ENSG00000279354	0	NA	NA	NA	NA
NA	ENSG00000279356	10.5745789	0.0239766	0.34052023	0.88312633	0.94857242
NA	ENSG00000279357	0	NA	NA	NA	NA
NA	ENSG00000279358	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000279359	0	NA	NA	NA	NA
NA	ENSG00000279360	0.47334471	-0.02843881	0.38580833	0.54294196	NA
NA	ENSG00000279361	0.48972294	-0.01115736	0.38291616	0.82145309	NA
NA	ENSG00000279364	0	NA	NA	NA	NA
NA	ENSG00000279365	0	NA	NA	NA	NA
NA	ENSG00000279366	0	NA	NA	NA	NA
NA	ENSG00000279367	0	NA	NA	NA	NA
NA	ENSG00000279368	7.79420417	2.65E-05	0.35468304	0.99789108	0.99926338
NA	ENSG00000279369	367.782439	0.15845791	0.12868915	0.1907791	0.39211202
NA	ENSG00000279370	0	NA	NA	NA	NA
NA	ENSG00000279372	0.79966144	-0.00515853	0.38151553	0.92036824	NA
NA	ENSG00000279373	1.15185517	-0.00808252	0.37780836	0.91146135	NA
NA	ENSG00000279375	3.20248978	0.008723	0.36783542	0.93772969	0.97366414
NA	ENSG00000279376	0	NA	NA	NA	NA
NA	ENSG00000279377	5.20441625	-0.0568213	0.37836974	0.54829614	0.75480124
NA	ENSG00000279378	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000279379	0	NA	NA	NA	NA
NA	ENSG00000279381	0	NA	NA	NA	NA
NA	ENSG00000279382	129.923992	-0.10914131	0.18438091	0.49912038	0.71669126
NA	ENSG00000279384	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000279386	0.8116539	0.01392593	0.38179888	0.78695563	NA
NA	ENSG00000279387	0	NA	NA	NA	NA
NA	ENSG00000279388	0	NA	NA	NA	NA
NA	ENSG00000279390	0	NA	NA	NA	NA
NA	ENSG00000279391	0.51193778	-0.00978207	0.38276834	0.8216555	NA
NA	ENSG00000279392	0	NA	NA	NA	NA

NA	ENSG00000279393	0	NA	NA	NA	NA	
NA	ENSG00000279394	0	NA	NA	NA	NA	
219437	ENSG00000279395	0	NA	NA	NA	NA	OR5L1
NA	ENSG00000279397	0	NA	NA	NA	NA	
NA	ENSG00000279398	0	NA	NA	NA	NA	
NA	ENSG00000279399	2.08147036	0.07583563	0.39503561	0.07619506	NA	
NA	ENSG00000279401	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000279403	0	NA	NA	NA	NA	
NA	ENSG00000279404	2.92464834	0.13404627	0.40573221	0.18076533	0.37779249	
NA	ENSG00000279405	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000279406	23.2714862	-0.03891823	0.30038371	0.83552124	0.92498975	
NA	ENSG00000279407	125.727735	-0.10873074	0.18481619	0.50139854	0.71841948	
NA	ENSG00000279408	0	NA	NA	NA	NA	OR4N4C
NA	ENSG00000279409	0	NA	NA	NA	NA	
NA	ENSG00000279410	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000279411	0	NA	NA	NA	NA	
NA	ENSG00000279412	19.1749057	-0.06229833	0.31834221	0.73147392	0.87167053	
NA	ENSG00000279413	17.7753105	0.02367044	0.32132292	0.89607398	0.95469109	
NA	ENSG00000279414	2.36752091	-0.04853381	0.37705172	0.60414678	NA	CDRT15P9
NA	ENSG00000279415	3.00940366	0.09618464	0.38592961	0.36880155	0.59818694	
NA	ENSG00000279416	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000279417	74.4297794	0.17741653	0.24127474	0.35289285	0.58306081	
64433	ENSG00000279418	0.3182969	0.00124524	0.38336748	0.96514705	NA	LINC00244
NA	ENSG00000279419	2.96863582	0.06807216	0.38041276	0.48606369	0.70617338	
NA	ENSG00000279420	0	NA	NA	NA	NA	
NA	ENSG00000279421	0	NA	NA	NA	NA	
NA	ENSG00000279422	0.45021439	-0.02732314	0.38571498	0.5615173	NA	
NA	ENSG00000279423	0	NA	NA	NA	NA	
NA	ENSG00000279425	15.6020713	-0.09430018	0.3352957	0.59595257	0.78826859	
NA	ENSG00000279426	0	NA	NA	NA	NA	
NA	ENSG00000279427	0	NA	NA	NA	NA	
NA	ENSG00000279428	1.21735524	0.01828534	0.37906018	0.79157184	NA	
NA	ENSG00000279429	0	NA	NA	NA	NA	
NA	ENSG00000279430	0	NA	NA	NA	NA	
NA	ENSG00000279431	0	NA	NA	NA	NA	
NA	ENSG00000279432	4.47812985	0.10355222	0.38540144	0.36770062	0.59703579	
NA	ENSG00000279433	0	NA	NA	NA	NA	
NA	ENSG00000279434	24.1568259	-0.11326435	0.31202478	0.55539483	0.76129842	

NA	ENSG00000279437	0	NA	NA	NA	NA	
NA	ENSG00000279438	0	NA	NA	NA	NA	
NA	ENSG00000279439	0	NA	NA	NA	NA	
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NA	ENSG00000279441	0	NA	NA	NA	NA	
NA	ENSG00000279442	0	NA	NA	NA	NA	
NA	ENSG00000279443	28.4470775	-0.05766741	0.29650059	0.76110067	0.88960984	
NA	ENSG00000279444	0	NA	NA	NA	NA	
NA	ENSG00000279445	0	NA	NA	NA	NA	OR4N3BP
NA	ENSG00000279446	0	NA	NA	NA	NA	
NA	ENSG00000279447	0	NA	NA	NA	NA	
NA	ENSG00000279450	0	NA	NA	NA	NA	
NA	ENSG00000279452	16.8596423	-0.18370941	0.3517243	0.34193951	0.57202996	
NA	ENSG00000279453	71.4123858	0.26230037	0.27269262	0.19951185	0.40415714	
NA	ENSG00000279454	0	NA	NA	NA	NA	
NA	ENSG00000279455	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000279456	7.93071593	0.32133992	0.51507987	0.08107989	0.21357208	
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NA	ENSG00000279458	0	NA	NA	NA	NA	
NA	ENSG00000279459	0.52937226	0.01290619	0.38340476	0.75389051	NA	
NA	ENSG00000279460	0	NA	NA	NA	NA	
NA	ENSG00000279461	0	NA	NA	NA	NA	
NA	ENSG00000279462	0	NA	NA	NA	NA	
NA	ENSG00000279463	0	NA	NA	NA	NA	
NA	ENSG00000279464	4.85036831	-0.04615834	0.36667959	0.7008124	0.85575596	
NA	ENSG00000279465	0.53663768	0.03215986	0.38615775	0.46259439	NA	
NA	ENSG00000279466	0	NA	NA	NA	NA	
NA	ENSG00000279467	6.61177194	0.03102596	0.36067985	0.81222004	0.91499949	
NA	ENSG00000279469	1.22610399	-0.02878607	0.38122885	0.64496394	NA	
NA	ENSG00000279470	0	NA	NA	NA	NA	
NA	ENSG00000279472	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000279474	0	NA	NA	NA	NA	
NA	ENSG00000279475	0	NA	NA	NA	NA	
NA	ENSG00000279476	0.67656633	0.00370303	0.38245091	0.9305055	NA	
NA	ENSG00000279477	0	NA	NA	NA	NA	
NA	ENSG00000279478	1.01910947	0.0577923	0.38723499	0.32002523	NA	
NA	ENSG00000279479	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000279480	0	NA	NA	NA	NA	

NA	ENSG00000279481	1.70821593	0.02957588	0.3785081	0.70137769	NA	
NA	ENSG00000279482	0	NA	NA	NA	NA	
NA	ENSG00000279483	0	NA	NA	NA	NA	
NA	ENSG00000279484	0.16735865	0.01897177	0.38482933	0.78225479	NA	KLHL30-AS1
NA	ENSG00000279485	0	NA	NA	NA	NA	
144125	ENSG00000279486	0	NA	NA	NA	NA	OR2AG1
NA	ENSG00000279488	103.919513	0.47859377	0.2325301	0.01398979	0.05452994	
NA	ENSG00000279489	2.0182195	0.08012294	0.39195448	0.23173173	NA	
NA	ENSG00000279490	0.97548222	0.02518382	0.38232206	0.6438864	NA	
399900	ENSG00000279491	5.32674122	-0.05531379	0.36976197	0.63678645	0.81722218	
NA	ENSG00000279493	0	NA	NA	NA	NA	
NA	ENSG00000279494	0.6878106	0.00016205	0.38183718	0.99591911	NA	
NA	ENSG00000279495	52.531948	0.05785271	0.24851912	0.76248892	0.89044559	
NA	ENSG00000279497	0	NA	NA	NA	NA	
NA	ENSG00000279498	0	NA	NA	NA	NA	
NA	ENSG00000279499	0.55872782	0.0127596	0.38330847	0.73727584	NA	
NA	ENSG00000279500	22.8753056	-0.14005458	0.32559369	0.46843722	0.69118513	
NA	ENSG00000279501	0	NA	NA	NA	NA	
NA	ENSG00000279502	0	NA	NA	NA	NA	
NA	ENSG00000279503	0	NA	NA	NA	NA	
NA	ENSG00000279504	6.76055342	0.10598266	0.36985071	0.46842306	0.69118513	
NA	ENSG00000279505	0	NA	NA	NA	NA	
NA	ENSG00000279507	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279509	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000279511	0	NA	NA	NA	NA	
NA	ENSG00000279512	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000279513	2.81895785	0.01569897	0.37548188	0.85424661	0.93466347	
219428	ENSG00000279514	0	NA	NA	NA	NA	OR4C16
26080	ENSG00000279516	0	NA	NA	NA	NA	FAM230C
NA	ENSG00000279518	11.1689128	-0.26397771	0.43241287	0.16159234	0.34999912	
NA	ENSG00000279519	0	NA	NA	NA	NA	
NA	ENSG00000279520	24.5936927	0.34762573	0.39503004	0.1279292	0.29849645	
NA	ENSG00000279521	0	NA	NA	NA	NA	
NA	ENSG00000279523	0	NA	NA	NA	NA	
NA	ENSG00000279525	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000279526	0.3230143	0.00138213	0.38336849	0.96784752	NA	
NA	ENSG00000279527	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000279528	0	NA	NA	NA	NA	

NA	ENSG00000279529	28.1634904	-0.1100328	0.30341601	0.56987731	0.77039833	
NA	ENSG00000279530	46.1788768	-0.28472056	0.31338538	0.18419359	0.38278002	
NA	ENSG00000279531	0	NA	NA	NA	NA	
NA	ENSG00000279532	4.81324569	-0.1660781	0.41863748	0.14893881	0.33152468	
NA	ENSG00000279534	0	NA	NA	NA	NA	
NA	ENSG00000279536	1.62345639	-0.04768967	0.38016034	0.55799666	NA	
NA	ENSG00000279537	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000279539	21.2478909	-0.22957763	0.35899094	0.26064286	0.48260891	
NA	ENSG00000279541	5.17171546	-0.01537652	0.36695005	0.88875517	0.95146564	
NA	ENSG00000279542	0	NA	NA	NA	NA	
NA	ENSG00000279543	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000279544	3.50472661	-0.00706902	0.3678351	0.9462211	0.97814213	
NA	ENSG00000279548	0	NA	NA	NA	NA	
NA	ENSG00000279549	7.20101821	0.00638289	0.3537277	0.96574339	0.98663622	
NA	ENSG00000279550	0	NA	NA	NA	NA	
NA	ENSG00000279551	0	NA	NA	NA	NA	
NA	ENSG00000279554	0	NA	NA	NA	NA	
NA	ENSG00000279555	29.8403955	0.1655988	0.31130212	0.40955692	0.63760274	
NA	ENSG00000279557	5.07877111	0.0686874	0.36807746	0.59424901	0.7877158	
NA	ENSG00000279558	0	NA	NA	NA	NA	
NA	ENSG00000279559	0	NA	NA	NA	NA	
100132249	ENSG00000279561	204.947054	-0.2812061	0.17154322	0.06676981	0.18527454	
NA	ENSG00000279562	0	NA	NA	NA	NA	
NA	ENSG00000279565	0	NA	NA	NA	NA	
NA	ENSG00000279567	0	NA	NA	NA	NA	
NA	ENSG00000279568	18.3382026	0.15521703	0.3458166	0.41054916	0.63819598	
NA	ENSG00000279569	44.793695	-0.03033839	0.27389455	0.87299362	0.94439555	
NA	ENSG00000279570	0.53706505	0.01398942	0.38347261	0.73874474	NA	
NA	ENSG00000279571	28.9640571	-0.30309654	0.36067871	0.16781616	0.35875832	
NA	ENSG00000279572	0	NA	NA	NA	NA	
NA	ENSG00000279573	1.13839249	-0.00905865	0.37867937	0.89504161	NA	
NA	ENSG00000279575	0	NA	NA	NA	NA	
NA	ENSG00000279578	0	NA	NA	NA	NA	
101930100	ENSG00000279579	4.80827962	-0.01097963	0.36686015	0.9160352	0.96435405	LINC01666
NA	ENSG00000279581	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000279583	3.07043322	-0.1066449	0.38947663	0.32228267	0.54988719	
NA	ENSG00000279584	0	NA	NA	NA	NA	
NA	ENSG00000279585	0	NA	NA	NA	NA	

NA	ENSG00000279586	0	NA	NA	NA	NA	
NA	ENSG00000279587	8.12085708	0.12406518	0.36921727	0.42962008	0.6552631	
NA	ENSG00000279588	0	NA	NA	NA	NA	
NA	ENSG00000279589	0.96905748	-0.00900091	0.38190594	0.8542754	NA	
NA	ENSG00000279590	1.55464333	0.01984292	0.37923172	0.77483074	NA	
NA	ENSG00000279591	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000279592	44.2678563	-0.02763406	0.37565543	0.7467416	0.88092242	
NA	ENSG00000279593	0.31825086	0.00120088	0.38336713	0.96557175	NA	
NA	ENSG00000279594	5.79376583	0.04593487	0.3618066	0.72909271	0.87045369	
NA	ENSG00000279595	0.47586314	-0.00792913	0.38324692	0.85664911	NA	
NA	ENSG00000279597	0	NA	NA	NA	NA	
NA	ENSG00000279598	7.23519644	-0.10500824	0.36650891	0.48218431	0.70272402	
NA	ENSG00000279599	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000279600	0	NA	NA	NA	NA	
NA	ENSG00000279601	5.47343023	0.10180953	0.38155919	0.40547495	0.63375238	
NA	ENSG00000279602	31.309358	-0.04307364	0.2858462	0.82142963	0.91847813	
NA	ENSG00000279603	0	NA	NA	NA	NA	
NA	ENSG00000279604	0	NA	NA	NA	NA	
NA	ENSG00000279605	44.6402454	-0.0177462	0.27206923	0.92489007	0.96868601	
NA	ENSG00000279606	0	NA	NA	NA	NA	
NA	ENSG00000279607	0	NA	NA	NA	NA	
NA	ENSG00000279608	2.50151926	0.05563846	0.37667667	0.57754327	NA	
NA	ENSG00000279609	3.46843186	0.02887202	0.36889672	0.79450599	0.90579008	
NA	ENSG00000279610	0	NA	NA	NA	NA	C20orf181
NA	ENSG00000279611	33.4020723	0.27903335	0.33752951	0.19725548	0.40121304	
NA	ENSG00000279613	3.64349263	0.06773909	0.37422624	0.55470353	0.76061359	
NA	ENSG00000279615	0	NA	NA	NA	NA	
NA	ENSG00000279616	0.47371164	-0.03508253	0.38628708	0.49561647	NA	
NA	ENSG00000279617	0	NA	NA	NA	NA	
NA	ENSG00000279619	1.67778268	0.02922384	0.37826474	0.70846001	NA	
NA	ENSG00000279620	1.89073965	0.0459101	0.37966225	0.57712561	NA	
NA	ENSG00000279621	2.60123501	-0.00038285	0.37072874	0.99537801	0.99852582	
NA	ENSG00000279622	0	NA	NA	NA	NA	
NA	ENSG00000279623	0.51031984	0.03087643	0.38602938	0.48146828	NA	
NA	ENSG00000279625	0.80617796	-0.0089422	0.38155904	0.86338986	NA	
NA	ENSG00000279626	0	NA	NA	NA	NA	DUX4L28
NA	ENSG00000279628	0	NA	NA	NA	NA	
NA	ENSG00000279629	0	NA	NA	NA	NA	

NA	ENSG00000279630	1.0181634	-0.05408554	0.38940487	0.23838755	NA
NA	ENSG00000279631	9.97454313	0.0204366	0.33802162	0.90188533	0.95686657
NA	ENSG00000279632	3.87288525	0.0311618	0.36743904	0.78677016	0.90296292
NA	ENSG00000279633	1.61333659	0.08052312	0.39058694	0.27184229	NA
NA	ENSG00000279635	0	NA	NA	NA	NA
55451	ENSG00000279636	8.86246469	-0.11406404	0.36752533	0.45624544	0.67972588
NA	ENSG00000279637	0	NA	NA	NA	NA
NA	ENSG00000279638	0	NA	NA	NA	NA
NA	ENSG00000279639	0	NA	NA	NA	NA
NA	ENSG00000279640	2.01772206	0.03679773	0.37624162	0.68293509	NA
NA	ENSG00000279641	19.2265602	-0.02419003	0.31412308	0.89247409	0.95350475
NA	ENSG00000279642	0	NA	NA	NA	NA
NA	ENSG00000279647	0	NA	NA	NA	NA
NA	ENSG00000279648	0	NA	NA	NA	NA
NA	ENSG00000279649	44.7271724	-0.04604337	0.26898074	0.81054662	0.91417457
NA	ENSG00000279650	0	NA	NA	NA	NA
NA	ENSG00000279652	4.14254087	0.1675646	0.41910624	0.14991316	0.33295389
NA	ENSG00000279653	1.32285033	0.02374489	0.38129658	0.69258101	NA
NA	ENSG00000279655	0	NA	NA	NA	NA
NA	ENSG00000279656	17.9860743	0.1272485	0.34282729	0.48547648	0.70561001
NA	ENSG00000279657	0	NA	NA	NA	NA
NA	ENSG00000279658	0	NA	NA	NA	NA
NA	ENSG00000279659	27.2039864	-0.0892877	0.29523727	0.64354564	0.8219015
NA	ENSG00000279660	0.32294295	0.00132224	0.38336796	0.96842019	NA
NA	ENSG00000279662	28.3993767	0.77093197	0.52158361	0.0145601	0.05625557
NA	ENSG00000279663	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000279665	0	NA	NA	NA	NA
NA	ENSG00000279666	0	NA	NA	NA	NA
NA	ENSG00000279667	5.76628395	0.09440824	0.37465148	0.46968904	0.69206549
NA	ENSG00000279668	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000279669	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000279670	6.25787065	-0.01796767	0.353331	0.89670708	0.95469109
NA	ENSG00000279671	0	NA	NA	NA	NA
NA	ENSG00000279672	31.5364259	0.06870759	0.28268587	0.72436805	0.86820892
NA	ENSG00000279673	22.7278855	-0.55449422	0.49833344	0.04237465	0.13123837
NA	ENSG00000279674	0	NA	NA	NA	NA
NA	ENSG00000279675	0.87297177	0.06329406	0.39096424	0.21010384	NA
NA	ENSG00000279676	0	NA	NA	NA	NA

NA	ENSG00000279677	0.5056223	0.03064366	0.38600669	0.48497154	NA	
NA	ENSG00000279678	0.66825088	-0.03816111	0.38685478	0.40139125	NA	
NA	ENSG00000279679	0	NA	NA	NA	NA	
NA	ENSG00000279681	0	NA	NA	NA	NA	
NA	ENSG00000279682	0	NA	NA	NA	NA	
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NA	ENSG00000279684	0	NA	NA	NA	NA	
100130148	ENSG00000279685	5.01093291	-0.23566247	0.47031645	0.06744391	0.18646699	MAPT-IT1
NA	ENSG00000279686	0	NA	NA	NA	NA	
NA	ENSG00000279687	0	NA	NA	NA	NA	
112267859	ENSG00000279688	0	NA	NA	NA	NA	AQP7P3
NA	ENSG00000279689	81.4945443	0.52220045	0.25673345	0.0125908	0.05013072	
NA	ENSG00000279690	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000279691	0	NA	NA	NA	NA	
NA	ENSG00000279692	66.5273978	0.131077	0.24937852	0.49658868	0.71482827	
NA	ENSG00000279693	37.6332241	-3.07068462	0.47532875	8.53E-12	1.83E-10	
NA	ENSG00000279694	11.9704508	0.20074842	0.38637535	0.27069439	0.49398241	
NA	ENSG00000279695	0	NA	NA	NA	NA	
NA	ENSG00000279696	81.8545672	-0.01241557	0.21573307	0.94084196	0.97550585	
NA	ENSG00000279697	0	NA	NA	NA	NA	
NA	ENSG00000279698	0	NA	NA	NA	NA	
NA	ENSG00000279699	2.18389603	0.12579321	0.40659964	0.13891004	NA	
NA	ENSG00000279700	21.9256006	0.47359682	0.51574222	0.06247812	0.17665184	
NA	ENSG00000279701	0	NA	NA	NA	NA	
NA	ENSG00000279702	0	NA	NA	NA	NA	
NA	ENSG00000279703	0	NA	NA	NA	NA	
NA	ENSG00000279704	0	NA	NA	NA	NA	
NA	ENSG00000279705	0	NA	NA	NA	NA	
NA	ENSG00000279706	0.73336583	0.02408596	0.38396131	0.58063632	NA	
NA	ENSG00000279707	0	NA	NA	NA	NA	
NA	ENSG00000279708	0	NA	NA	NA	NA	
NA	ENSG00000279709	0	NA	NA	NA	NA	
NA	ENSG00000279711	0	NA	NA	NA	NA	
NA	ENSG00000279712	11.4185004	0.07099108	0.34077312	0.67435644	0.84019291	
NA	ENSG00000279713	35.4306959	1.30037904	0.43536504	0.00020958	0.00148393	
NA	ENSG00000279714	0	NA	NA	NA	NA	
NA	ENSG00000279715	0	NA	NA	NA	NA	
NA	ENSG00000279716	4.47958422	-0.0301695	0.38662021	0.1583881	0.3455487	

NA	ENSG00000279717	0	NA	NA	NA	NA	
NA	ENSG00000279718	17.5546756	0.04946308	0.31563889	0.78900254	0.90421733	SNX18P12
NA	ENSG00000279719	0	NA	NA	NA	NA	
NA	ENSG00000279720	7.69064972	-0.13624287	0.37595978	0.37882688	0.60778953	SOWAHCP2
NA	ENSG00000279721	1.21336015	0.07402768	0.39082102	0.23189415	NA	
NA	ENSG00000279722	21.2322206	0.10617978	0.33341217	0.5618971	0.76508177	
NA	ENSG00000279724	0	NA	NA	NA	NA	
NA	ENSG00000279725	0	NA	NA	NA	NA	
NA	ENSG00000279726	12.2529152	0.05518022	0.35699283	0.69726273	0.85387893	
105377031	ENSG00000279727	0	NA	NA	NA	NA	LINC02033
NA	ENSG00000279728	0	NA	NA	NA	NA	
NA	ENSG00000279729	0	NA	NA	NA	NA	
NA	ENSG00000279730	2.23332665	0.05054805	0.37754829	0.58794113	NA	KMT5AP1
NA	ENSG00000279732	0	NA	NA	NA	NA	
NA	ENSG00000279733	0	NA	NA	NA	NA	
NA	ENSG00000279734	0	NA	NA	NA	NA	
NA	ENSG00000279735	0.46949027	-0.00707581	0.38322263	0.87054784	NA	
NA	ENSG00000279737	0	NA	NA	NA	NA	
NA	ENSG00000279738	59.0734879	-0.20782297	0.26450734	0.29606233	0.52267989	
NA	ENSG00000279739	0	NA	NA	NA	NA	
NA	ENSG00000279741	0	NA	NA	NA	NA	
NA	ENSG00000279742	4.12511985	0.03546953	0.36697499	0.76365903	0.89118258	
NA	ENSG00000279743	0	NA	NA	NA	NA	
NA	ENSG00000279744	73.05433	0.07906138	0.22327477	0.66569172	0.83494641	
NA	ENSG00000279746	0	NA	NA	NA	NA	
NA	ENSG00000279747	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000279748	16.7279392	-0.08808154	0.33668158	0.61393439	0.80155688	
NA	ENSG00000279749	0	NA	NA	NA	NA	
NA	ENSG00000279750	0	NA	NA	NA	NA	
NA	ENSG00000279751	0	NA	NA	NA	NA	
NA	ENSG00000279752	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000279753	0	NA	NA	NA	NA	
NA	ENSG00000279754	0	NA	NA	NA	NA	
NA	ENSG00000279755	0	NA	NA	NA	NA	
NA	ENSG00000279756	0	NA	NA	NA	NA	
NA	ENSG00000279757	0	NA	NA	NA	NA	
NA	ENSG00000279758	2.02185437	0.03236322	0.3776186	0.69522968	NA	
NA	ENSG00000279759	108.361203	-0.1442562	0.19618811	0.39217809	0.62147071	

390142	ENSG00000279761	0	NA	NA	NA	NA	OR5D13
NA	ENSG00000279762	3.25742328	0.02305306	0.37046928	0.82539546	0.92066374	
NA	ENSG00000279764	1.92531328	-0.08447993	0.39105273	0.26789339	NA	
NA	ENSG00000279765	10.3042213	-0.1103148	0.35949674	0.4916174	0.71085847	
NA	ENSG00000279766	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000279769	0.32305891	0.00141835	0.38336882	0.9675011	NA	
100130386	ENSG00000279770	4.87003526	-0.02718968	0.36287166	0.82497699	0.92054353	LINC00552
NA	ENSG00000279771	2.91922313	-0.13043037	0.40116491	0.22038737	0.43277467	
NA	ENSG00000279772	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279773	0	NA	NA	NA	NA	
NA	ENSG00000279774	0	NA	NA	NA	NA	
NA	ENSG00000279775	0	NA	NA	NA	NA	
NA	ENSG00000279778	0	NA	NA	NA	NA	
NA	ENSG00000279779	0	NA	NA	NA	NA	
NA	ENSG00000279780	38.4983285	-0.22018546	0.30775331	0.28723369	0.51298195	
NA	ENSG00000279781	0.48784937	0.01117364	0.38338945	0.78675417	NA	
NA	ENSG00000279783	0	NA	NA	NA	NA	
NA	ENSG00000279784	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000279785	0.65933967	0.00149417	0.38190127	0.97353866	NA	
NA	ENSG00000279786	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000279788	0	NA	NA	NA	NA	
NA	ENSG00000279789	65.5286737	-0.00885033	0.2400466	0.96084452	0.98409417	
NA	ENSG00000279790	0	NA	NA	NA	NA	
NA	ENSG00000279791	4.06136477	0.04519237	0.36680681	0.70917166	0.86044311	
NA	ENSG00000279792	27.7032078	0.13293142	0.31168293	0.49831017	0.71619429	
NA	ENSG00000279793	0	NA	NA	NA	NA	
NA	ENSG00000279794	11.5721904	-0.0352682	0.3396027	0.82616212	0.92125524	
NA	ENSG00000279795	40.1127632	-0.25469544	0.30616746	0.22671387	0.44128749	
NA	ENSG00000279796	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101926951	ENSG00000279797	0	NA	NA	NA	NA	LINC02339
NA	ENSG00000279798	0	NA	NA	NA	NA	
NA	ENSG00000279799	7.71862309	-0.04279743	0.35016405	0.77398137	0.89604057	
NA	ENSG00000279800	0.97680641	0.0236407	0.38227553	0.65974948	NA	BCLAF1P2
NA	ENSG00000279801	11.0076513	-0.03280113	0.33829029	0.83911614	0.92674595	
NA	ENSG00000279803	7.32715819	-0.08047394	0.36574659	0.55990901	0.76415299	
391003	ENSG00000279804	0	NA	NA	NA	NA	PRAMEF18
NA	ENSG00000279805	0.32321634	0.00153966	0.38336999	0.96634086	NA	
NA	ENSG00000279806	0	NA	NA	NA	NA	

NA	ENSG00000279807	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000279809	3.04360673	0.23736368	0.49662565	0.00385439	0.0186788	
NA	ENSG00000279810	0	NA	NA	NA	NA	
NA	ENSG00000279811	0	NA	NA	NA	NA	
NA	ENSG00000279812	0.47355552	-0.03507465	0.3862863	0.49572448	NA	
NA	ENSG00000279813	0	NA	NA	NA	NA	
NA	ENSG00000279814	0	NA	NA	NA	NA	
NA	ENSG00000279815	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000279817	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000279818	0	NA	NA	NA	NA	
NA	ENSG00000279819	0	NA	NA	NA	NA	
NA	ENSG00000279821	51.2683815	0.19727381	0.26772991	0.32405138	0.55195565	
NA	ENSG00000279822	6.23299602	-0.00979779	0.35539211	0.94081801	0.97550585	
NA	ENSG00000279825	0.9689746	-0.01537374	0.38157819	0.77485869	NA	
NA	ENSG00000279827	0.87913425	0.05082743	0.38878686	0.25808735	NA	
NA	ENSG00000279829	0.48518808	0.01081396	0.38337215	0.79231039	NA	
NA	ENSG00000279833	13.9635747	0.1551217	0.35464883	0.39797375	0.62714847	
NA	ENSG00000279834	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000279835	0	NA	NA	NA	NA	
NA	ENSG00000279836	0	NA	NA	NA	NA	
NA	ENSG00000279837	5.72024164	0.05989837	0.36482407	0.64962259	0.82525848	
NA	ENSG00000279838	28.4291675	0.20747439	0.31884635	0.31455816	0.54225684	
NA	ENSG00000279839	0	NA	NA	NA	NA	
NA	ENSG00000279840	0	NA	NA	NA	NA	
NA	ENSG00000279841	2.20082379	-0.00015637	0.37423327	0.99708344	NA	
NA	ENSG00000279842	0	NA	NA	NA	NA	
NA	ENSG00000279844	0	NA	NA	NA	NA	
NA	ENSG00000279845	1.08438247	-0.02533341	0.38190927	0.65801954	NA	
NA	ENSG00000279846	0	NA	NA	NA	NA	
389676	ENSG00000279847	0	NA	NA	NA	NA	C8orf87
NA	ENSG00000279848	0	NA	NA	NA	NA	
NA	ENSG00000279851	1.10639405	-0.03224143	0.38182949	0.6057203	NA	
NA	ENSG00000279852	7.67530671	-0.23018752	0.43760689	0.15144812	0.33539121	
NA	ENSG00000279853	10.9579326	0.112732	0.35599858	0.49837408	0.71619429	
NA	ENSG00000279855	0	NA	NA	NA	NA	
NA	ENSG00000279856	0	NA	NA	NA	NA	
NA	ENSG00000279858	0	NA	NA	NA	NA	
NA	ENSG00000279859	0.96615368	0.00497046	0.38007117	0.93460016	NA	

	NA	ENSG00000279860	0	NA	NA	NA	NA	
	NA	ENSG00000279861	11.3877415	-0.0202266	0.3373749	0.89925299	0.95557174	
	NA	ENSG00000279862	0	NA	NA	NA	NA	
	NA	ENSG00000279863	6.7209199	-0.15482189	0.39009299	0.30171898	0.52913363	
	NA	ENSG00000279864	0.14931947	-0.01844332	0.38480212	0.84537521	NA	NCOR1P4
	NA	ENSG00000279865	4.74930611	0.0013909	0.36287307	0.99362355	0.99798514	
	NA	ENSG00000279869	0	NA	NA	NA	NA	
100129726	NA	ENSG00000279873	28.1816341	0.31464008	0.36362979	0.15742225	0.34419853	LINC01126
	NA	ENSG00000279874	0	NA	NA	NA	NA	
	NA	ENSG00000279875	1.45052723	0.01624903	0.3802131	0.79666447	NA	
	NA	ENSG00000279876	0	NA	NA	NA	NA	
	NA	ENSG00000279878	2.57354379	-0.13333419	0.41028028	0.12209679	0.28889688	
	NA	ENSG00000279879	7.64145486	-0.08333088	0.36167091	0.5679474	0.76919502	
	NA	ENSG00000279880	21.6476271	0.04659932	0.30775793	0.80466461	0.91125251	
	NA	ENSG00000279881	0.69371319	0.00028351	0.38238348	0.99329973	NA	
	NA	ENSG00000279882	0	NA	NA	NA	NA	
	NA	ENSG00000279883	0.32528127	0.00192875	0.38337435	0.96184539	NA	
	NA	ENSG00000279884	0	NA	NA	NA	NA	
	NA	ENSG00000279885	0.68156821	0.03292933	0.38382789	0.53367125	NA	
	NA	ENSG00000279886	0	NA	NA	NA	NA	
	NA	ENSG00000279887	0	NA	NA	NA	NA	
	NA	ENSG00000279889	0	NA	NA	NA	NA	
401105	NA	ENSG00000279891	0	NA	NA	NA	NA	
	NA	ENSG00000279894	4.98925155	-0.09513954	0.37692847	0.4511167	0.67451619	
	NA	ENSG00000279895	0	NA	NA	NA	NA	
103752586	NA	ENSG00000279897	1.01717178	-0.00019738	0.38088444	0.99713809	NA	BIRC6-AS2
	NA	ENSG00000279900	5.08068347	0.05465403	0.36534527	0.66972439	0.83753108	
	NA	ENSG00000279901	3.69470372	-0.09015772	0.38238445	0.41295635	0.64038252	
	NA	ENSG00000279903	0	NA	NA	NA	NA	SLC7A2-IT1
	NA	ENSG00000279904	0	NA	NA	NA	NA	
	NA	ENSG00000279905	202.39651	-0.24165752	0.16454536	0.10326323	0.25526319	
	NA	ENSG00000279907	0	NA	NA	NA	NA	
	NA	ENSG00000279908	0.32439098	0.00129656	0.3833677	0.96789054	NA	
	NA	ENSG00000279910	0.64743634	-0.02431668	0.38284395	0.640378	NA	
	NA	ENSG00000279912	107.598984	0.23262425	0.20726749	0.18596435	0.38549082	
	NA	ENSG00000279913	0	NA	NA	NA	NA	
	NA	ENSG00000279914	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000279917	0.33880969	0.00231733	0.38337947	0.96633319	NA	

	NA	ENSG00000279918	0	NA	NA	NA	NA	
	NA	ENSG00000279919	0	NA	NA	NA	NA	
105372944		ENSG00000279920	0	NA	NA	NA	NA	LINC01651
	NA	ENSG00000279923	3.36070399	-0.03461752	0.36957558	0.75023031	0.88246691	
	NA	ENSG00000279924	0	NA	NA	NA	NA	
	NA	ENSG00000279925	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000279926	18.1864495	0.60776937	0.58710182	0.03505362	0.11342589	
	NA	ENSG00000279927	0	NA	NA	NA	NA	
	NA	ENSG00000279928	0	NA	NA	NA	NA	DDX11L17
	NA	ENSG00000279929	0	NA	NA	NA	NA	
	NA	ENSG00000279930	9.51018252	-0.15580721	0.3756968	0.34966718	0.58009841	
	NA	ENSG00000279931	0	NA	NA	NA	NA	
	NA	ENSG00000279932	0	NA	NA	NA	NA	
	NA	ENSG00000279933	0	NA	NA	NA	NA	
	NA	ENSG00000279935	0	NA	NA	NA	NA	
	NA	ENSG00000279936	1.04528185	0.07462451	0.39373796	0.15071147	NA	
	NA	ENSG00000279939	0.50207596	0.02562368	0.38565771	0.52549886	NA	
	NA	ENSG00000279940	0	NA	NA	NA	NA	
	NA	ENSG00000279942	0	NA	NA	NA	NA	
651430		ENSG00000279943	6.91226779	-0.03309788	0.35597712	0.80975519	0.91359357	
	NA	ENSG00000279945	0	NA	NA	NA	NA	
	NA	ENSG00000279946	0	NA	NA	NA	NA	
	NA	ENSG00000279948	3.74724612	-0.07055526	0.37430009	0.54037585	0.74909565	
	NA	ENSG00000279949	1.75300165	0.06000157	0.38385287	0.43655148	NA	
	NA	ENSG00000279951	2.82423002	-0.05252798	0.37566879	0.6011356	0.79187494	
	NA	ENSG00000279952	0	NA	NA	NA	NA	
	NA	ENSG00000279953	2.3154527	0.01422021	0.37250832	0.8828127	NA	
	NA	ENSG00000279954	3.82267925	0.0435972	0.37080458	0.69367322	0.85183585	
	NA	ENSG00000279955	0	NA	NA	NA	NA	
	NA	ENSG00000279956	0	NA	NA	NA	NA	
	NA	ENSG00000279957	0	NA	NA	NA	NA	
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	NA	ENSG00000279959	0	NA	NA	NA	NA	
	NA	ENSG00000279960	0	NA	NA	NA	NA	
219479		ENSG00000279961	0	NA	NA	NA	NA	OR8U3
	NA	ENSG00000279962	0	NA	NA	NA	NA	
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100507462	ENSG00000279968	4.82542572	-0.09310208	0.38827222	0.32193599	0.54956623	CCDC28A-AS1
NA	ENSG00000279970	22.1692247	0.12351442	0.32746068	0.51442046	0.72931984	
NA	ENSG00000279971	2.23047573	-0.01193199	0.37491	0.88856255	NA	
NA	ENSG00000279972	1.29096607	-0.01802254	0.37862931	0.80050135	NA	
NA	ENSG00000279973	0	NA	NA	NA	NA	
NA	ENSG00000279976	0	NA	NA	NA	NA	
NA	ENSG00000279977	1.1596605	-0.03704499	0.38137421	0.58545682	NA	
NA	ENSG00000279979	0	NA	NA	NA	NA	
23766	ENSG00000279980	1.48536434	-0.00195577	0.37828844	0.97673097	NA	
NA	ENSG00000279981	0	NA	NA	NA	NA	
NA	ENSG00000279982	1.40079691	0.03364842	0.38031338	0.63531022	NA	
NA	ENSG00000279983	1.08904556	-0.05692165	0.38696985	0.33304047	NA	
NA	ENSG00000279985	0	NA	NA	NA	NA	
NA	ENSG00000279987	0	NA	NA	NA	NA	
NA	ENSG00000279989	16.9907179	0.0981595	0.34297083	0.57220819	0.77228642	
NA	ENSG00000279990	0	NA	NA	NA	NA	RPSAP68
NA	ENSG00000279991	0	NA	NA	NA	NA	
NA	ENSG00000279993	0	NA	NA	NA	NA	
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NA	ENSG00000279996	0	NA	NA	NA	NA	
NA	ENSG00000279997	1.15042057	-0.00729294	0.3804109	0.90094497	NA	
NA	ENSG00000279998	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000280000	0	NA	NA	NA	NA	
NA	ENSG00000280002	0	NA	NA	NA	NA	
NA	ENSG00000280003	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000280004	0	NA	NA	NA	NA	
NA	ENSG00000280005	0	NA	NA	NA	NA	
NA	ENSG00000280007	54.9232563	-0.02682351	0.24454077	0.88571812	0.95015905	
NA	ENSG00000280009	0	NA	NA	NA	NA	
NA	ENSG00000280010	17.0116159	0.10633256	0.33410406	0.56035709	0.76415299	
NA	ENSG00000280011	0	NA	NA	NA	NA	
NA	ENSG00000280012	0	NA	NA	NA	NA	RPL23AP61
NA	ENSG00000280013	0	NA	NA	NA	NA	
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NA	ENSG00000280015	0	NA	NA	NA	NA	
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NA	ENSG00000280017	0	NA	NA	NA	NA	
NA	ENSG00000280018	202.018947	-0.31798808	0.1622449	0.03039528	0.10138572	
NA	ENSG00000280019	0	NA	NA	NA	NA	
NA	ENSG00000280020	6.14257295	-0.09193313	0.37146218	0.49659668	0.71482827	
256892	ENSG00000280021	0	NA	NA	NA	NA	OR51F1
NA	ENSG00000280022	2.88986972	-0.0313855	0.37450464	0.73466526	0.87374168	
NA	ENSG00000280023	1.77865211	0.02404099	0.37716139	0.76686465	NA	
NA	ENSG00000280024	0	NA	NA	NA	NA	
NA	ENSG00000280025	0.34044927	-9.55E-05	0.38336216	0.9661575	NA	
NA	ENSG00000280026	0	NA	NA	NA	NA	
NA	ENSG00000280027	0	NA	NA	NA	NA	
NA	ENSG00000280028	0.32334675	0.00163358	0.38337097	0.96544224	NA	
NA	ENSG00000280029	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000280032	0	NA	NA	NA	NA	
NA	ENSG00000280033	4.78616821	-0.03479983	0.36326442	0.77903294	0.89891619	
NA	ENSG00000280035	2.88804897	0.05282604	0.37503179	0.60810236	0.79695264	
NA	ENSG00000280036	0	NA	NA	NA	NA	
NA	ENSG00000280037	0.94006391	-0.0192786	0.38104709	0.74436982	NA	
NA	ENSG00000280038	25.7157193	0.19343888	0.32922968	0.34029754	0.57056767	DNM1P41
NA	ENSG00000280039	7.22472246	0.23828446	0.45113741	0.12341067	0.29106845	RN7SKP23
NA	ENSG00000280040	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000280042	0.72569254	0.02630244	0.38348625	0.56214768	NA	
NA	ENSG00000280043	3.99386798	0.0475177	0.36780241	0.69192531	0.85101966	
NA	ENSG00000280044	0	NA	NA	NA	NA	
NA	ENSG00000280046	165.375706	0.4390687	0.18024527	0.00636666	0.02851342	
NA	ENSG00000280047	13.6486741	-0.14241757	0.34939796	0.43281185	0.65815798	
NA	ENSG00000280048	0	NA	NA	NA	NA	
NA	ENSG00000280049	0	NA	NA	NA	NA	
NA	ENSG00000280051	0	NA	NA	NA	NA	
NA	ENSG00000280053	4.86825442	0.0014919	0.36778449	0.9915517	0.9972471	
NA	ENSG00000280054	4.67188913	0.2109972	0.44050469	0.12343565	0.29109274	
641384	ENSG00000280055	1.34046633	0.00891184	0.37906881	0.89435533	NA	TMEM75
NA	ENSG00000280056	0	NA	NA	NA	NA	
NA	ENSG00000280057	14.8739262	-0.19943884	0.37162359	0.29350831	0.51969701	
NA	ENSG00000280058	0	NA	NA	NA	NA	
NA	ENSG00000280059	0	NA	NA	NA	NA	
NA	ENSG00000280060	0	NA	NA	NA	NA	
NA	ENSG00000280061	85.7197799	-0.02659437	0.23919664	0.88562255	0.95015905	

	NA	ENSG00000280062	4.69327357	-0.03140912	0.3639308	0.79632502	0.90654923	
	NA	ENSG00000280063	45.7260643	-0.01684023	0.27476477	0.92785959	0.96977267	
	NA	ENSG00000280064	33.6378051	0.05980828	0.3794742	0.53103807	0.74258495	
	NA	ENSG00000280067	38.2344463	0.1717838	0.294289	0.39548369	0.62498088	
	NA	ENSG00000280068	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
	NA	ENSG00000280069	10.2676952	0.16393839	0.38898677	0.3013424	0.52872103	
	NA	ENSG00000280070	3.50040911	-0.01706479	0.36764966	0.8752014	0.94499851	
102724023		ENSG00000280071	1564.48379	0.03087477	0.07834435	0.68941688	0.84925064	GATD3B
	NA	ENSG00000280073	5.17289798	-0.09834083	0.37590072	0.45128638	0.67456655	
	NA	ENSG00000280077	62.9301495	0.01498527	0.23425698	0.93731384	0.97357765	
	NA	ENSG00000280078	2.24775201	0.01220117	0.37679536	0.87842361	NA	
	NA	ENSG00000280079	116.663492	-0.64089725	0.22408421	0.00098714	0.00584276	
642757		ENSG00000280080	0.756379	-0.04034354	0.38708346	0.37505909	NA	TBC1D22A-AS1
441058		ENSG00000280081	6.92715906	-2.7485253	1.36325782	0.00205664	0.01095992	LINC01667
	NA	ENSG00000280082	0	NA	NA	NA	NA	
	NA	ENSG00000280083	3.39426516	0.09436065	0.38384145	0.39301873	0.62215525	
	NA	ENSG00000280085	0	NA	NA	NA	NA	
	NA	ENSG00000280086	0	NA	NA	NA	NA	
	NA	ENSG00000280087	2.74849102	-0.03097481	0.3769567	0.71056299	0.86102546	
	NA	ENSG00000280088	33.7575181	-0.24466159	0.32261994	0.24550112	0.46454384	
	NA	ENSG00000280089	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
283162		ENSG00000280090	0	NA	NA	NA	NA	OR8B4
	NA	ENSG00000280091	0	NA	NA	NA	NA	
	NA	ENSG00000280092	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000280093	0	NA	NA	NA	NA	
347169		ENSG00000280094	0	NA	NA	NA	NA	OR1B1
	NA	ENSG00000280095	0.3225183	-0.02325444	0.38531873	0.6695912	NA	
	NA	ENSG00000280097	0	NA	NA	NA	NA	
	NA	ENSG00000280098	0	NA	NA	NA	NA	
	NA	ENSG00000280099	0	NA	NA	NA	NA	
	NA	ENSG00000280103	0	NA	NA	NA	NA	
	NA	ENSG00000280104	0	NA	NA	NA	NA	
	NA	ENSG00000280105	0	NA	NA	NA	NA	
	NA	ENSG00000280106	32.5777491	-0.32976993	0.34815619	0.14093945	0.31898686	
	NA	ENSG00000280107	20.7774715	0.07756151	0.31057544	0.6822866	0.8449992	
	NA	ENSG00000280108	0	NA	NA	NA	NA	
191585		ENSG00000280109	0	NA	NA	NA	NA	PLAC4
	NA	ENSG00000280110	0	NA	NA	NA	NA	

NA	ENSG00000280113	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000280114	1.34388691	0.05072054	0.38431835	0.43839244	NA
NA	ENSG00000280115	0	NA	NA	NA	NA
NA	ENSG00000280116	0	NA	NA	NA	NA
NA	ENSG00000280117	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000280118	0	NA	NA	NA	NA
285097	ENSG00000280119	54.1973332	0.23622525	0.27905331	0.24869928	0.46802661
NA	ENSG00000280120	114.863092	-0.09169126	0.19568052	0.58536922	0.78132918
NA	ENSG00000280121	0	NA	NA	NA	NA
NA	ENSG00000280122	13.9386407	-0.11763059	0.34944666	0.49600085	0.71469655
NA	ENSG00000280124	0	NA	NA	NA	NA
NA	ENSG00000280125	0	NA	NA	NA	NA
NA	ENSG00000280128	644.632436	0.00115	0.10976454	0.9926586	0.99756121
NA	ENSG00000280129	23.1730767	-0.0600971	0.30528436	0.74861199	0.88205755
NA	ENSG00000280131	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000280132	26.7086279	0.05427523	0.29456429	0.77833213	0.89847614
NA	ENSG00000280134	1.27568143	-0.0904728	0.39827151	0.10707122	NA
NA	ENSG00000280135	3.9753836	-0.07767347	0.37857432	0.4789916	0.70041426
NA	ENSG00000280136	9.26387666	-0.06988298	0.36843387	0.58367991	0.77995982
NA	ENSG00000280137	1.0577093	0.04796513	0.3860053	0.34826076	NA
NA	ENSG00000280138	152.811236	0.02929453	0.17252746	0.85063282	0.93240636
NA	ENSG00000280139	0	NA	NA	NA	NA
NA	ENSG00000280140	0	NA	NA	NA	NA
NA	ENSG00000280142	0	NA	NA	NA	NA
NA	ENSG00000280143	118.561062	0.12329257	0.20528778	0.47957563	0.70069817
NA	ENSG00000280144	0	NA	NA	NA	NA
NA	ENSG00000280145	76.0193841	-0.02955534	0.28165991	0.87504589	0.94496469
NA	ENSG00000280147	0	NA	NA	NA	NA
NA	ENSG00000280148	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000280149	10.2514558	0.19676363	0.39883392	0.24749385	0.46645136
NA	ENSG00000280150	0	NA	NA	NA	NA
NA	ENSG00000280152	27.271894	-0.27668923	0.3470457	0.19941315	0.40399847
NA	ENSG00000280153	12.6340802	-0.51241645	0.64170199	0.04629181	0.14032535
NA	ENSG00000280154	0	NA	NA	NA	NA
NA	ENSG00000280155	0	NA	NA	NA	NA
NA	ENSG00000280157	11.9324207	0.0183722	0.34004657	0.91095282	0.96206238
NA	ENSG00000280159	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000280160	36.0330295	0.14118821	0.28703943	0.47890184	0.70038424

NA	ENSG00000280161	25.7535513	0.01109314	0.29440788	0.955181	0.98160111	
NA	ENSG00000280162	1.40443449	0.07728331	0.39490835	0.10990336	NA	
NA	ENSG00000280163	2.60563823	-0.02368985	0.37619977	0.77656408	0.89727048	
NA	ENSG00000280164	59.0803268	0.1823755	0.25459016	0.35141315	0.58156116	
64881	ENSG00000280165	23.527394	0.73191022	0.56267029	0.01957888	0.07168205	PCDH20
NA	ENSG00000280166	0	NA	NA	NA	NA	
NA	ENSG00000280167	0	NA	NA	NA	NA	
NA	ENSG00000280168	0	NA	NA	NA	NA	
NA	ENSG00000280169	1.27445772	-0.04248103	0.38202909	0.53791317	NA	
NA	ENSG00000280171	0.67119703	-0.02051835	0.38302648	0.66345118	NA	
NA	ENSG00000280172	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000280173	52.3695693	-0.18434002	0.28071784	0.35943284	0.58949503	
NA	ENSG00000280176	0	NA	NA	NA	NA	
NA	ENSG00000280177	6.26840845	-0.00374223	0.38215038	0.92873372	0.97013584	
102724398	ENSG00000280179	3.95301529	0.07872306	0.38832712	0.32974317	0.55849471	
NA	ENSG00000280180	238.243752	1.03821244	0.16574087	4.65E-11	9.25E-10	
NA	ENSG00000280181	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000280182	0	NA	NA	NA	NA	
NA	ENSG00000280183	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000280184	15.9740526	-0.01782393	0.32707581	0.91603913	0.96435405	
NA	ENSG00000280185	0	NA	NA	NA	NA	
NA	ENSG00000280186	4.65905799	-0.10269231	0.38490071	0.37027233	0.59943356	
NA	ENSG00000280187	106.666146	0.14197902	0.19876484	0.40548653	0.63375238	
NA	ENSG00000280189	0	NA	NA	NA	NA	
NA	ENSG00000280190	0	NA	NA	NA	NA	
102724354	ENSG00000280191	0.82835318	0.03219782	0.38494716	0.48165175	NA	LINC01669
NA	ENSG00000280193	18.1896101	0.10499093	0.33081973	0.56814273	0.76919502	
NA	ENSG00000280194	2.37128846	0.10125087	0.3955158	0.22732082	NA	
NA	ENSG00000280195	117.257104	0.08415591	0.1929247	0.61537705	0.80264813	
NA	ENSG00000280196	0	NA	NA	NA	NA	
84322	ENSG00000280197	0	NA	NA	NA	NA	C18orf12
NA	ENSG00000280198	10.4792981	0.02966056	0.33820153	0.85781666	0.93653665	
NA	ENSG00000280199	0	NA	NA	NA	NA	
NA	ENSG00000280200	0	NA	NA	NA	NA	
NA	ENSG00000280201	0	NA	NA	NA	NA	
NA	ENSG00000280202	37.7294765	-1.70671335	0.43505953	5.69E-06	5.67E-05	
219959	ENSG00000280204	0	NA	NA	NA	NA	OR1S1
NA	ENSG00000280205	0.6860614	0.02666311	0.38366116	0.57783366	NA	

	NA	ENSG00000280206	116.302876	-0.18411189	0.21210465	0.29943122	0.52642582	
	NA	ENSG00000280207	0	NA	NA	NA	NA	
	NA	ENSG00000280208	0	NA	NA	NA	NA	GGT4P
	NA	ENSG00000280211	47.5312242	0.12057138	0.27356151	0.54120415	0.74967974	
	NA	ENSG00000280212	1.18867795	0.04576684	0.38366721	0.47501999	NA	
100113386	NA	ENSG00000280213	77.6090994	0.07832487	0.22719435	0.67211024	0.83855284	UCKL1-AS1
	NA	ENSG00000280214	5.22962429	0.07410697	0.37300558	0.54183715	0.75017788	
	NA	ENSG00000280215	0	NA	NA	NA	NA	
	NA	ENSG00000280216	2.92577708	0.01742041	0.37148822	0.86260693	0.93899493	
	NA	ENSG00000280217	0	NA	NA	NA	NA	
	NA	ENSG00000280219	16.0389064	0.40939548	0.49920011	0.08257399	0.21637154	
	NA	ENSG00000280220	0.32381209	-0.0232729	0.38532132	0.66861544	NA	
	NA	ENSG00000280222	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
	NA	ENSG00000280223	0	NA	NA	NA	NA	
	NA	ENSG00000280224	0	NA	NA	NA	NA	
	NA	ENSG00000280225	0	NA	NA	NA	NA	
	NA	ENSG00000280227	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000280228	0.82792963	0.02873317	0.3843143	0.51749698	NA	
	NA	ENSG00000280229	0	NA	NA	NA	NA	
	NA	ENSG00000280231	3.13732451	0.02850655	0.37415928	0.76159798	0.88972737	
	NA	ENSG00000280232	0	NA	NA	NA	NA	
	NA	ENSG00000280233	3.68792218	-0.06010741	0.37644364	0.55951501	0.76413192	
	NA	ENSG00000280234	0.37844916	0.02407552	0.3854191	0.60038877	NA	
26529	NA	ENSG00000280236	0	NA	NA	NA	NA	OR12D2
	NA	ENSG00000280238	0	NA	NA	NA	NA	
	NA	ENSG00000280239	73.1578739	0.55514331	0.27942379	0.01233471	0.04936867	
	NA	ENSG00000280241	0	NA	NA	NA	NA	
	NA	ENSG00000280242	0	NA	NA	NA	NA	
	NA	ENSG00000280243	9.17129409	0.03612032	0.34311522	0.82150659	0.91847813	MTCO1P1
	NA	ENSG00000280244	0.49693547	-0.00999754	0.38282664	0.83091944	NA	
	NA	ENSG00000280245	0.32380114	-0.02327281	0.38532131	0.66862175	NA	
	NA	ENSG00000280247	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
	NA	ENSG00000280248	10.5189012	0.23204276	0.41403094	0.20025554	0.40533473	
	NA	ENSG00000280249	0	NA	NA	NA	NA	
	NA	ENSG00000280250	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000280251	0	NA	NA	NA	NA	
	NA	ENSG00000280254	21.4761319	-0.06512062	0.30833395	0.72470702	0.86844186	
	NA	ENSG00000280255	0.98337978	-0.01987168	0.38014042	0.7569012	NA	

NA	ENSG00000280257	0	NA	NA	NA	NA	
NA	ENSG00000280261	0	NA	NA	NA	NA	
NA	ENSG00000280262	0	NA	NA	NA	NA	
440888	ENSG00000280263	0	NA	NA	NA	NA	ACTR3BP6
NA	ENSG00000280265	0	NA	NA	NA	NA	
NA	ENSG00000280266	0.63335279	0.00213701	0.38196166	0.96249508	NA	
645359	ENSG00000280267	0	NA	NA	NA	NA	PRAMEF26
NA	ENSG00000280268	0	NA	NA	NA	NA	
NA	ENSG00000280269	0	NA	NA	NA	NA	
NA	ENSG00000280270	0	NA	NA	NA	NA	
NA	ENSG00000280272	0	NA	NA	NA	NA	
NA	ENSG00000280273	47.5272632	-0.19598413	0.27279948	0.32811365	0.55658129	
NA	ENSG00000280274	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000280275	0	NA	NA	NA	NA	
NA	ENSG00000280276	0	NA	NA	NA	NA	
NA	ENSG00000280277	3.12131117	-0.02605443	0.36851678	0.8110048	0.91443142	
146512	ENSG00000280278	1.15285155	-0.02929524	0.38226596	0.61138103	NA	
NA	ENSG00000280279	6.6867431	-0.22379932	0.4351082	0.15368039	0.33878786	LINC02887
NA	ENSG00000280280	0	NA	NA	NA	NA	
NA	ENSG00000280281	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000280282	1.5069912	-0.05820786	0.39056928	0.16274765	NA	
NA	ENSG00000280283	0	NA	NA	NA	NA	
NA	ENSG00000280284	0	NA	NA	NA	NA	
NA	ENSG00000280285	0	NA	NA	NA	NA	
NA	ENSG00000280286	2.5040316	-0.04072859	0.3794786	0.60823912	NA	FRG1KP
NA	ENSG00000280287	106.387422	0.19472021	0.22378331	0.29007794	0.51606405	
NA	ENSG00000280288	0	NA	NA	NA	NA	
NA	ENSG00000280291	0	NA	NA	NA	NA	
NA	ENSG00000280294	55.8475868	0.1845701	0.26163912	0.35113622	0.58132031	
NA	ENSG00000280295	2.44569412	0.04170957	0.37882987	0.61758329	NA	
NA	ENSG00000280296	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000280299	0	NA	NA	NA	NA	
NA	ENSG00000280300	12.7357747	0.41212921	0.54027277	0.07319254	0.19780754	
NA	ENSG00000280302	0	NA	NA	NA	NA	
NA	ENSG00000280303	25.5257313	0.1567107	0.32567726	0.42633124	0.65220231	ERICD
NA	ENSG00000280304	0	NA	NA	NA	NA	
NA	ENSG00000280305	0	NA	NA	NA	NA	
NA	ENSG00000280306	0	NA	NA	NA	NA	

NA	ENSG00000280307	0	NA	NA	NA	NA	
NA	ENSG00000280309	12.8028403	-0.11692601	0.34926228	0.49932025	0.71682702	
NA	ENSG00000280310	12.6941867	0.01488425	0.33391318	0.93090437	0.97114011	
NA	ENSG00000280311	1.32733469	-0.02360882	0.37903983	0.74162051	NA	
NA	ENSG00000280312	0	NA	NA	NA	NA	
219473	ENSG00000280314	0	NA	NA	NA	NA	OR8K3
NA	ENSG00000280317	0	NA	NA	NA	NA	
NA	ENSG00000280318	0	NA	NA	NA	NA	
NA	ENSG00000280319	0	NA	NA	NA	NA	
NA	ENSG00000280320	4.60286192	-0.00120827	0.38291735	0.96853128	0.98817646	
NA	ENSG00000280321	1.13820649	-0.0379551	0.38154225	0.57691811	NA	
NA	ENSG00000280323	0	NA	NA	NA	NA	
NA	ENSG00000280325	0	NA	NA	NA	NA	
NA	ENSG00000280326	0.49649903	-0.01048061	0.38285465	0.82485091	NA	
NA	ENSG00000280327	6.70733981	0.03975835	0.35770637	0.77481547	0.89613481	
NA	ENSG00000280330	21.3549798	0.01145229	0.31258737	0.95197812	0.98012235	CTBP2P10
NA	ENSG00000280331	0.94965319	-0.03190806	0.3845317	0.48831035	NA	
NA	ENSG00000280332	37.4764519	-0.10173771	0.27518974	0.60150034	0.79200883	
NA	ENSG00000280333	0	NA	NA	NA	NA	
NA	ENSG00000280334	30.1192521	0.29847077	0.3504447	0.17487573	0.36874637	
NA	ENSG00000280335	0	NA	NA	NA	NA	
NA	ENSG00000280336	1.18345788	0.02403722	0.38047015	0.7105494	NA	
NA	ENSG00000280337	0	NA	NA	NA	NA	DUX4L25
NA	ENSG00000280338	0	NA	NA	NA	NA	
NA	ENSG00000280339	0.8810732	0.05091533	0.3888027	0.25732174	NA	
NA	ENSG00000280340	0	NA	NA	NA	NA	
NA	ENSG00000280341	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000280344	0	NA	NA	NA	NA	
NA	ENSG00000280345	0	NA	NA	NA	NA	
NA	ENSG00000280346	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000280347	272.202636	-0.08375588	0.14729875	0.53685646	0.74734999	
NA	ENSG00000280348	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000280349	0	NA	NA	NA	NA	
101929608	ENSG00000280350	0	NA	NA	NA	NA	LINC01726
100129503	ENSG00000280351	47.0852512	-0.12863757	0.26494462	0.5100139	0.72545712	
NA	ENSG00000280352	0	NA	NA	NA	NA	
NA	ENSG00000280353	3.89294669	0.00132429	0.36653575	0.99252356	0.99756121	
NA	ENSG00000280354	0.15069912	-0.01848503	0.38480575	0.84537521	NA	

NA	ENSG00000280355	48.6204061	0.02523778	0.25331454	0.896379	0.95469109
NA	ENSG00000280356	0	NA	NA	NA	NA
NA	ENSG00000280357	0	NA	NA	NA	NA
NA	ENSG00000280359	0	NA	NA	NA	NA
NA	ENSG00000280360	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000280362	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000280364	0	NA	NA	NA	NA
NA	ENSG00000280365	0	NA	NA	NA	NA
NA	ENSG00000280366	0	NA	NA	NA	NA
NA	ENSG00000280367	7.73218533	-0.04431105	0.35308731	0.75988033	0.88870701
NA	ENSG00000280368	0	NA	NA	NA	NA
NA	ENSG00000280369	0	NA	NA	NA	NA
NA	ENSG00000280371	0	NA	NA	NA	NA
NA	ENSG00000280372	1.88334297	-0.02892759	0.37660882	0.73181695	NA
NA	ENSG00000280373	0	NA	NA	NA	NA
NA	ENSG00000280374	18.1140244	0.13098726	0.34062043	0.47769213	0.69938463
NA	ENSG00000280375	0	NA	NA	NA	NA
NA	ENSG00000280376	0	NA	NA	NA	NA
NA	ENSG00000280377	0	NA	NA	NA	NA
NA	ENSG00000280378	8.48822105	-0.18314755	0.3948495	0.26602475	0.4882904
NA	ENSG00000280379	5.47912496	-0.23236874	0.4670369	0.06960545	0.19068932
NA	ENSG00000280380	0	NA	NA	NA	NA
NA	ENSG00000280381	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000280382	0	NA	NA	NA	NA
NA	ENSG00000280383	24.3440265	-0.1789921	0.32426051	0.37152015	0.60060191
NA	ENSG00000280384	1.10906238	-0.03160641	0.38174194	0.61273679	NA
NA	ENSG00000280385	244.846795	-0.00465491	0.1462762	0.97150201	0.98930349
NA	ENSG00000280387	1.02105913	0.02120463	0.38183483	0.69820489	NA
NA	ENSG00000280388	13.2370489	-0.02364146	0.33405819	0.88534201	0.95004523
NA	ENSG00000280390	0	NA	NA	NA	NA
NA	ENSG00000280392	1.11644985	-0.02431789	0.3818946	0.66661074	NA
NA	ENSG00000280393	0	NA	NA	NA	NA
NA	ENSG00000280394	0	NA	NA	NA	NA
NA	ENSG00000280395	0	NA	NA	NA	NA
NA	ENSG00000280396	0	NA	NA	NA	NA
NA	ENSG00000280397	0	NA	NA	NA	NA
NA	ENSG00000280398	0	NA	NA	NA	NA
NA	ENSG00000280399	12.7674697	0.16298215	0.36790129	0.35829849	0.58854144

NA	ENSG00000280400	0	NA	NA	NA	NA	
NA	ENSG00000280401	62.6812774	1.12148369	0.31502351	3.64E-05	0.00030901	
NA	ENSG00000280402	8.4239944	-0.05235649	0.36682854	0.66952266	0.83743094	
NA	ENSG00000280404	0	NA	NA	NA	NA	
NA	ENSG00000280405	0	NA	NA	NA	NA	
NA	ENSG00000280406	0.53587291	0.01317257	0.38288023	0.74588587	NA	
NA	ENSG00000280407	69.4643621	0.06311096	0.23963693	0.73841016	0.87630444	
NA	ENSG00000280408	0	NA	NA	NA	NA	
84931	ENSG00000280409	0	NA	NA	NA	NA	LINC01101
NA	ENSG00000280411	0	NA	NA	NA	NA	IGHV1-69D
NA	ENSG00000280412	0	NA	NA	NA	NA	
NA	ENSG00000280414	0	NA	NA	NA	NA	
NA	ENSG00000280415	0	NA	NA	NA	NA	
NA	ENSG00000280416	8.63832717	0.03153682	0.38677406	0.08983751	0.23031092	
NA	ENSG00000280417	7.87608112	-0.01666481	0.35149658	0.90572001	0.95887485	
NA	ENSG00000280418	0	NA	NA	NA	NA	
NA	ENSG00000280419	0	NA	NA	NA	NA	
NA	ENSG00000280420	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000280422	37.0190459	0.1274522	0.28165468	0.52004689	0.73354906	
NA	ENSG00000280423	0	NA	NA	NA	NA	
730668	ENSG00000280424	1.73418436	0.00800982	0.37800529	0.91244698	NA	
NA	ENSG00000280425	3.52802042	0.10967822	0.39352419	0.27871722	0.50316193	
NA	ENSG00000280426	11.3107875	-0.07462328	0.34362356	0.65172202	0.82602754	
NA	ENSG00000280429	0	NA	NA	NA	NA	
NA	ENSG00000280430	0	NA	NA	NA	NA	
NA	ENSG00000280431	1.95133437	-0.03535565	0.37726772	0.67655325	NA	
NA	ENSG00000280432	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000280433	236.930157	0.01944704	0.16941993	0.89955706	0.95557174	
NA	ENSG00000280434	10.015868	-0.02022978	0.34208741	0.89575486	0.95469109	
NA	ENSG00000280435	107.624172	-0.07074268	0.20144692	0.67903047	0.84320727	
NA	ENSG00000280436	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000280438	0	NA	NA	NA	NA	
NA	ENSG00000280439	0	NA	NA	NA	NA	
NA	ENSG00000280440	0	NA	NA	NA	NA	
NA	ENSG00000280441	7.14479738	1.62765219	2.11879893	0.0080964	0.03488221	
NA	ENSG00000280443	0	NA	NA	NA	NA	
NA	ENSG00000280444	0	NA	NA	NA	NA	
NA	ENSG00000280445	0	NA	NA	NA	NA	

NA	ENSG00000280446	0	NA	NA	NA	NA	
NA	ENSG00000280449	0	NA	NA	NA	NA	
NA	ENSG00000280450	0	NA	NA	NA	NA	
NA	ENSG00000280451	0	NA	NA	NA	NA	
NA	ENSG00000280453	0	NA	NA	NA	NA	
NA	ENSG00000280454	0	NA	NA	NA	NA	
NA	ENSG00000280455	0	NA	NA	NA	NA	
NA	ENSG00000280466	0.34624801	-0.02356563	0.38536324	0.65270996	NA	SCARNA4
NA	ENSG00000280474	0	NA	NA	NA	NA	
NA	ENSG00000280485	0	NA	NA	NA	NA	
NA	ENSG00000280486	22.5287085	0.03570259	0.3123668	0.84788103	0.93082999	
NA	ENSG00000280494	0	NA	NA	NA	NA	
677824	ENSG00000280496	0	NA	NA	NA	NA	SNORA17B
692073	ENSG00000280498	0	NA	NA	NA	NA	SNORA16A
NA	ENSG00000280502	2.38202539	0.0736394	0.3819546	0.44824936	NA	
NA	ENSG00000280511	0	NA	NA	NA	NA	
104548973	ENSG00000280515	0.173733	0.01914545	0.38484597	0.78225479	NA	SALRNA2
NA	ENSG00000280537	34.1894353	-0.21720131	0.33291844	0.29144065	0.51742125	
100507117	ENSG00000280543	2.40177303	0.0005034	0.37602714	0.9968782	NA	ASAP1-IT2
NA	ENSG00000280554	0	NA	NA	NA	NA	
105378425	ENSG00000280560	0	NA	NA	NA	NA	LINC01374
NA	ENSG00000280561	0	NA	NA	NA	NA	
NA	ENSG00000280571	180.170602	-0.26393739	0.18423835	0.10285447	0.25469704	
NA	ENSG00000280580	0	NA	NA	NA	NA	LINC02342
NA	ENSG00000280587	0	NA	NA	NA	NA	LINC01348
110806272	ENSG00000280594	32.2177675	0.26454453	0.38831536	0.19751715	0.40156333	BTG3-AS1
NA	ENSG00000280604	185.393368	-0.44954615	0.1970943	0.00906655	0.03821552	
NA	ENSG00000280607	0	NA	NA	NA	NA	
100861563	ENSG00000280620	0.16735865	0.01897177	0.38482933	0.78225479	NA	SCAANT1
NA	ENSG00000280623	3.27304801	0.19697384	0.45980461	0.00532842	0.02455678	PCAT14
102659353	ENSG00000280634	5.86094525	-0.03033953	0.38666163	0.13096343	0.30336422	THRIL
NA	ENSG00000280636	0	NA	NA	NA	NA	
101929151	ENSG00000280639	0.47448925	-0.02849448	0.3858132	0.54201415	NA	LINC02204
NA	ENSG00000280646	0	NA	NA	NA	NA	RNA5SP196
NA	ENSG00000280649	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
359822	ENSG00000280650	0	NA	NA	NA	NA	KCNIP4-IT1
NA	ENSG00000280655	0	NA	NA	NA	NA	
NA	ENSG00000280660	3.32328838	0.01823809	0.37277581	0.84944018	0.93154246	

NA	ENSG00000280665	0	NA	NA	NA	NA	
126661	ENSG00000280670	40.3303577	0.2147775	0.29400794	0.29717186	0.52379972	CCDC163
NA	ENSG00000280683	0	NA	NA	NA	NA	LINC01242
100505839	ENSG00000280693	1.00322593	-0.01568096	0.38142993	0.7741948	NA	SH3PXD2A-AS1
NA	ENSG00000280703	0	NA	NA	NA	NA	
109617015	ENSG00000280704	0	NA	NA	NA	NA	SNORD3E
112590798	ENSG00000280707	0	NA	NA	NA	NA	
727924	ENSG00000280709	0	NA	NA	NA	NA	LINC02203
NA	ENSG00000280710	0.66204575	-0.01945895	0.38293396	0.66896697	NA	
NA	ENSG00000280711	0.15069912	-0.01848503	0.38480575	0.84537521	NA	JADRR
102578074	ENSG00000280719	0	NA	NA	NA	NA	PCAT5
NA	ENSG00000280721	0.34112889	0.02362667	0.38535342	0.62409576	NA	LINC01943
552859	ENSG00000280725	0	NA	NA	NA	NA	LINC00251
NA	ENSG00000280734	11.401797	-0.25871722	0.43906552	0.15014567	0.33339565	LINC01232
440952	ENSG00000280739	6.02995007	-0.0264832	0.3688022	0.79393042	0.90579008	EIF1B-AS1
106144537	ENSG00000280744	0	NA	NA	NA	NA	LINC01173
101241891	ENSG00000280752	0	NA	NA	NA	NA	LINC00850
NA	ENSG00000280758	0.34117581	0.02362703	0.38535347	0.6240709	NA	
NA	ENSG00000280767	0	NA	NA	NA	NA	
NA	ENSG00000280773	0	NA	NA	NA	NA	
NA	ENSG00000280776	0	NA	NA	NA	NA	LINC01202
NA	ENSG00000280778	1.0250612	0.02719345	0.38236728	0.62378775	NA	
153469	ENSG00000280780	0.47109082	-0.00740688	0.38323381	0.86537808	NA	JAKMIP2-AS1
79447	ENSG00000280789	710.480606	-0.11416679	0.10614198	0.26209933	0.48399579	PAGRI
283267	ENSG00000280798	452.770143	-0.11809884	0.11736907	0.28964288	0.51556744	LINC00294
NA	ENSG00000280800	7397.91363	-0.08149405	0.17436594	0.5984059	0.78991172	
101929052	ENSG00000280809	0	NA	NA	NA	NA	LINC00836
NA	ENSG00000280828	97.4661889	0.14102891	0.2122238	0.42790568	0.65375395	
NA	ENSG00000280832	95.6643945	0.4385519	0.2704993	0.03863182	0.12228832	GSEC
NA	ENSG00000280836	0	NA	NA	NA	NA	
29034	ENSG00000280837	0	NA	NA	NA	NA	CPS1-IT1
NA	ENSG00000280850	0	NA	NA	NA	NA	
653653	ENSG00000280852	7.21639263	-0.10875007	0.37213914	0.44385103	0.66889513	
101928469	ENSG00000280870	0	NA	NA	NA	NA	
NA	ENSG00000280878	0	NA	NA	NA	NA	
NA	ENSG00000280881	0	NA	NA	NA	NA	
NA	ENSG00000280890	0.32396111	-0.0232741	0.38532151	0.66852967	NA	ELDR
NA	ENSG00000280893	246.400561	-0.38871459	0.16438158	0.00903086	0.03811757	

109616958	ENSG00000280894	0	NA	NA	NA	NA	SNORA50D
NA	ENSG00000280904	0	NA	NA	NA	NA	
1517	ENSG00000280913	0.65815201	-0.00463994	0.381953	0.92419624	NA	CTSLP3
NA	ENSG00000280916	4.23905536	0.10918783	0.38338555	0.38044519	0.60938575	FOXCUT
NA	ENSG00000280920	0	NA	NA	NA	NA	
127841	ENSG00000280924	0	NA	NA	NA	NA	LINC00628
285463	ENSG00000280927	108.188017	0.3950068	0.2423807	0.04515286	0.13752421	CTBP1-AS
NA	ENSG00000280936	1.02257315	0.05863774	0.38743372	0.31427748	NA	
101927381	ENSG00000280953	0.3411008	0.02362645	0.38535339	0.62411065	NA	LINC01163
NA	ENSG00000280958	0.173733	0.01914545	0.38484597	0.78225479	NA	
474148	ENSG00000280961	0	NA	NA	NA	NA	TTY3B
NA	ENSG00000280968	0	NA	NA	NA	NA	
140032	ENSG00000280969	0	NA	NA	NA	NA	RPS4Y2
9782	ENSG00000280987	1191.71224	-0.79776399	0.14736728	9.44E-09	1.43E-07	
100874531	ENSG00000280989	20.2695003	0.20583932	0.34969076	0.30617382	0.53388623	LINC00581
NA	ENSG00000280991	0	NA	NA	NA	NA	
101805488	ENSG00000280997	0.34110698	0.0236265	0.38535339	0.62410738	NA	CCAT2
780854	ENSG00000281000	0	NA	NA	NA	NA	SNORD3D
283876	ENSG00000281005	0.99557055	0.04650068	0.38588675	0.37361023	NA	LINC00921
NA	ENSG00000281008	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000281010	0	NA	NA	NA	NA	
NA	ENSG00000281016	2.01992501	0.01216221	0.37543234	0.88625242	NA	
NA	ENSG00000281021	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
116828	ENSG00000281026	46.7481974	0.24673646	0.28821436	0.23470765	0.45159871	N4BP2L2-IT2
NA	ENSG00000281039	1.1804095	-0.04940219	0.38602525	0.3467585	NA	
NA	ENSG00000281058	8.15442817	0.03149161	0.38676592	0.09394427	0.23791861	DUX4L6
NA	ENSG00000281087	0	NA	NA	NA	NA	
NA	ENSG00000281091	24.5608014	-0.06250258	0.32345952	0.72360408	0.86792244	
101929557	ENSG00000281097	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01395
NA	ENSG00000281100	0.16735865	0.01897177	0.38482933	0.78225479	NA	
100506776	ENSG00000281103	0.16735865	0.01897177	0.38482933	0.78225479	NA	TRG-AS1
283521	ENSG00000281106	6.64398681	0.07388879	0.36364922	0.59751617	0.78921427	TMEM272
NA	ENSG00000281112	0	NA	NA	NA	NA	
NA	ENSG00000281113	0	NA	NA	NA	NA	
NA	ENSG00000281120	0	NA	NA	NA	NA	
101243555	ENSG00000281128	59.7826466	-0.24557595	0.31975074	0.24133729	0.45933728	PTENP1-AS
101669767	ENSG00000281131	0	NA	NA	NA	NA	SCHLAP1
NA	ENSG00000281133	0	NA	NA	NA	NA	

100500918	ENSG00000281156	0	NA	NA	NA	NA	MIR3651
NA	ENSG00000281159	0	NA	NA	NA	NA	
NA	ENSG00000281160	0	NA	NA	NA	NA	
NA	ENSG00000281162	0	NA	NA	NA	NA	LINC01127
NA	ENSG00000281167	0	NA	NA	NA	NA	
NA	ENSG00000281179	0	NA	NA	NA	NA	
NA	ENSG00000281183	64.9888055	-0.14765096	0.24026662	0.43522557	0.66041111	NPTN-IT1
100652997	ENSG00000281186	0	NA	NA	NA	NA	LINC00706
102723099	ENSG00000281189	27.9986571	0.12030308	0.30922506	0.53798771	0.74792769	GHET1
NA	ENSG00000281195	18.3477376	0.11424896	0.33484604	0.53429216	0.74545404	
144742	ENSG00000281196	0.34049957	-0.00029626	0.3833625	0.96806087	NA	LINC00934
285547	ENSG00000281202	0	NA	NA	NA	NA	LINC01097
100507178	ENSG00000281207	31.5001554	-0.12079501	0.29625198	0.53753122	0.74765981	SLFNL1-AS1
64735	ENSG00000281219	0	NA	NA	NA	NA	LINC00254
NA	ENSG00000281248	0	NA	NA	NA	NA	LINC02536
104548972	ENSG00000281264	0	NA	NA	NA	NA	SALRNA3
NA	ENSG00000281269	0	NA	NA	NA	NA	
NA	ENSG00000281295	0	NA	NA	NA	NA	
NA	ENSG00000281311	0	NA	NA	NA	NA	
NA	ENSG00000281327	1.56803685	0.10115557	0.39913326	0.13562081	NA	LINC01338
NA	ENSG00000281332	76.9306033	-0.26338261	0.23697208	0.16719105	0.35821495	LINC00997
NA	ENSG00000281333	9.97909502	-0.07068122	0.35416985	0.64088308	0.82008361	
NA	ENSG00000281344	101.221153	-0.24779003	0.23459059	0.19040603	0.39167661	HELLPAR
440225	ENSG00000281347	0	NA	NA	NA	NA	NF1P9
NA	ENSG00000281348	0.91713019	0.05250338	0.38909013	0.24411211	NA	
100129716	ENSG00000281357	17.2541745	-0.06765859	0.33387345	0.69221637	0.85116657	ARRDC3-AS1
102060282	ENSG00000281358	13.7553184	0.07063719	0.33689064	0.68155252	0.84433357	RASSF1-AS1
NA	ENSG00000281365	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000281369	0	NA	NA	NA	NA	
8551	ENSG00000281371	1.55811602	-0.0591945	0.39078067	0.1562132	NA	INE2
103021294	ENSG00000281376	1.37187813	-0.03585495	0.3827254	0.54777752	NA	ABALON
NA	ENSG00000281379	1.01807273	-0.01122327	0.3813522	0.83124159	NA	SEPTIN14P19
NA	ENSG00000281383	4.43416438	-0.12078499	0.38955067	0.32215426	0.54971536	
NA	ENSG00000281386	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100846978	ENSG00000281392	0.34044541	-7.02E-05	0.38336214	0.96591772	NA	
677771	ENSG00000281394	0	NA	NA	NA	NA	SCARNA4
NA	ENSG00000281398	307.042205	-0.38265259	0.14284666	0.00386486	0.01871586	SNHG4
100506516	ENSG00000281404	70.502634	0.31485843	0.26984802	0.125929	0.29508254	LINC01176

NA	ENSG00000281406	0.45209736	-0.02505403	0.38558831	0.57865948	NA	BLACAT1
NA	ENSG00000281420	0	NA	NA	NA	NA	
103504735	ENSG00000281426	0	NA	NA	NA	NA	MIR548BB
101154753	ENSG00000281450	0	NA	NA	NA	NA	PANDAR
103611157	ENSG00000281453	0	NA	NA	NA	NA	TGFB2-OT1
NA	ENSG00000281460	0	NA	NA	NA	NA	
NA	ENSG00000281468	6.54273786	-0.00240884	0.35316382	0.98435836	0.99457273	
NA	ENSG00000281469	0	NA	NA	NA	NA	
140464	ENSG00000281473	0	NA	NA	NA	NA	PISRT1
NA	ENSG00000281477	0	NA	NA	NA	NA	LINC01955
NA	ENSG00000281490	836.095889	0.03937591	0.08842583	0.6502308	0.82529572	CICP14
101926900	ENSG00000281491	0.32316806	0.00150345	0.38336963	0.96668717	NA	DNAJB5-DT
NA	ENSG00000281501	30.6493894	-0.45246312	0.43785016	0.06756983	0.18665906	SEPSECS-AS1
NA	ENSG00000281516	0	NA	NA	NA	NA	
NA	ENSG00000281530	1.79223313	-0.02739638	0.37891502	0.71108544	NA	
NA	ENSG00000281538	0.47400237	-0.02847082	0.38581113	0.54240812	NA	
NA	ENSG00000281548	0	NA	NA	NA	NA	LINC00895
NA	ENSG00000281550	0	NA	NA	NA	NA	
101234261	ENSG00000281560	0	NA	NA	NA	NA	LSINCT5
NA	ENSG00000281566	0	NA	NA	NA	NA	
NA	ENSG00000281571	49.5206854	-0.3277787	0.29179889	0.12432471	0.29228609	
100419743	ENSG00000281591	1.01999182	0.05775254	0.38722297	0.32019083	NA	DBET
NA	ENSG00000281593	0.79673301	-0.00520746	0.38152121	0.91959642	NA	
NA	ENSG00000281613	0	NA	NA	NA	NA	
NA	ENSG00000281641	0	NA	NA	NA	NA	SAMD12-AS1
100506710	ENSG00000281649	1291.52849	-0.14292951	0.10909971	0.17053939	0.36241447	EBLN3P
NA	ENSG00000281652	2.77972806	0.09366769	0.4008849	0.03675572	0.1178464	DUX4L7
NA	ENSG00000281655	0	NA	NA	NA	NA	
100861504	ENSG00000281664	6.10750116	-0.18642409	0.41439607	0.19839081	0.40266738	LINC00538
100775107	ENSG00000281691	24.4356063	0.03166694	0.32232216	0.86052089	0.93799827	RBM5-AS1
NA	ENSG00000281692	0.86160908	-0.02410945	0.38190647	0.67067233	NA	PACRG-AS1
100302234	ENSG00000281696	0	NA	NA	NA	NA	MIR664A
100507173	ENSG00000281706	94.9119739	0.13917762	0.22142861	0.44489395	0.66965299	
711	ENSG00000281708	0.33471731	0.02354391	0.38534154	0.62842204	NA	ERC2-IT1
NA	ENSG00000281710	0	NA	NA	NA	NA	
NA	ENSG00000281720	0.52169806	0.0314307	0.38608368	0.47329223	NA	DUX4L8
NA	ENSG00000281721	0	NA	NA	NA	NA	LINC01080
101929741	ENSG00000281731	13.916386	0.14480027	0.34877387	0.43019718	0.65583601	METTL14-DT

284933	ENSG00000281732	0	NA	NA	NA	NA	
NA	ENSG00000281741	0.32330323	0.00160283	0.38337064	0.9657365	NA	
102060414	ENSG00000281756	0.18922458	0.01954053	0.38488496	0.78225479	NA	C2-AS1
NA	ENSG00000281769	0	NA	NA	NA	NA	LINC01230
NA	ENSG00000281772	0	NA	NA	NA	NA	
338862	ENSG00000281778	0	NA	NA	NA	NA	LINC00550
NA	ENSG00000281780	0	NA	NA	NA	NA	
NA	ENSG00000281808	0	NA	NA	NA	NA	
NA	ENSG00000281809	0	NA	NA	NA	NA	LINC01394
NA	ENSG00000281825	0	NA	NA	NA	NA	
352990	ENSG00000281831	3.80950647	0.13519301	0.40228826	0.21875773	0.4306135	
441177	ENSG00000281832	9.66840358	0.70593889	1.30607038	0.01780235	0.0663533	LINC00602
100302221	ENSG00000281842	0	NA	NA	NA	NA	MIR1291
NA	ENSG00000281849	2.75368253	-0.02203545	0.3714338	0.8250093	0.92054353	
NA	ENSG00000281852	1.09629072	-0.02415968	0.3817628	0.67299777	NA	LINC00891
NA	ENSG00000281856	0	NA	NA	NA	NA	
94163	ENSG00000281859	0	NA	NA	NA	NA	SNORD38B
NA	ENSG00000281863	0	NA	NA	NA	NA	
440034	ENSG00000281880	0	NA	NA	NA	NA	PAUPAR
103157000	ENSG00000281880	0	NA	NA	NA	NA	PAUPAR
NA	ENSG00000281883	0.4728694	-0.00734562	0.3832263	0.86575425	NA	
100527949	ENSG00000281887	0	NA	NA	NA	NA	GIMAP1-GIMAP5
NA	ENSG00000281896	0	NA	NA	NA	NA	
NA	ENSG00000281903	0	NA	NA	NA	NA	LINC02246
NA	ENSG00000281904	1.8895775	-0.0546498	0.38163686	0.49919915	NA	
NA	ENSG00000281909	7.53797688	0.04782842	0.36095505	0.72235852	0.86754018	HERC2P7
677830	ENSG00000281910	0	NA	NA	NA	NA	SNORA50A
400752	ENSG00000281912	16.6758515	0.10299942	0.33188446	0.57361418	0.77312328	LINC01144
NA	ENSG00000281920	0.48998405	-0.01099376	0.38290568	0.82348709	NA	
NA	ENSG00000281938	0	NA	NA	NA	NA	
NA	ENSG00000281941	0	NA	NA	NA	NA	
NA	ENSG00000281955	0	NA	NA	NA	NA	
NA	ENSG00000281958	0	NA	NA	NA	NA	TRBJ1-4
NA	ENSG00000281961	1.13610958	0.01817542	0.38003308	0.77829198	NA	
NA	ENSG00000281969	5.15738299	0.30829871	0.55323125	0.03271316	0.10743737	
NA	ENSG00000281974	0	NA	NA	NA	NA	
NA	ENSG00000281990	0	NA	NA	NA	NA	IGHV1-69-2
100862671	ENSG00000281991	0	NA	NA	NA	NA	TMEM265

NA	ENSG00000282012	0	NA	NA	NA	NA	
NA	ENSG00000282021	7.3345695	0.43016619	0.68217638	0.03694772	0.11823272	
NA	ENSG00000282022	2.21857034	-0.12703114	0.40569159	0.15662982	NA	
NA	ENSG00000282024	0	NA	NA	NA	NA	
105373553	ENSG00000282033	1.09287987	-0.05977195	0.39051601	0.20404504	NA	
NA	ENSG00000282034	1240.15367	0.02959997	0.10948308	0.77893524	0.89886014	
NA	ENSG00000282041	0	NA	NA	NA	NA	
NA	ENSG00000282048	0	NA	NA	NA	NA	
NA	ENSG00000282051	13.9682477	-0.12557164	0.35902724	0.45528843	0.67865683	
NA	ENSG00000282057	6.12356033	-0.09211304	0.38496031	0.37139165	0.60057374	
NA	ENSG00000282059	0	NA	NA	NA	NA	CICP19
NA	ENSG00000282080	0	NA	NA	NA	NA	
NA	ENSG00000282097	0	NA	NA	NA	NA	
NA	ENSG00000282100	0.16735865	0.01897177	0.38482933	0.78225479	NA	HSP90AB4P
NA	ENSG00000282111	0	NA	NA	NA	NA	LINC02815
NA	ENSG00000282121	0	NA	NA	NA	NA	
NA	ENSG00000282122	0	NA	NA	NA	NA	IGHV7-4-1
NA	ENSG00000282133	0	NA	NA	NA	NA	TRBJ1-3
NA	ENSG00000282137	0	NA	NA	NA	NA	OR4G3P
NA	ENSG00000282142	0	NA	NA	NA	NA	
NA	ENSG00000282143	2.5133848	0.04789376	0.38208141	0.51879903	NA	
NA	ENSG00000282160	0	NA	NA	NA	NA	
359809	ENSG00000282164	8.99919303	-0.12984162	0.37045729	0.41021845	0.63808185	PEG13
NA	ENSG00000282173	0	NA	NA	NA	NA	TRBJ1-5
NA	ENSG00000282199	0	NA	NA	NA	NA	
NA	ENSG00000282206	0	NA	NA	NA	NA	
NA	ENSG00000282218	0	NA	NA	NA	NA	
NA	ENSG00000282221	0	NA	NA	NA	NA	
NA	ENSG00000282222	0	NA	NA	NA	NA	
NA	ENSG00000282246	6.06049976	-0.09758444	0.37973696	0.42452199	0.65018652	
NA	ENSG00000282265	0	NA	NA	NA	NA	
NA	ENSG00000282277	0	NA	NA	NA	NA	CYP3A51P
NA	ENSG00000282278	0	NA	NA	NA	NA	
NA	ENSG00000282299	0	NA	NA	NA	NA	
NA	ENSG00000282300	0	NA	NA	NA	NA	
100861540	ENSG00000282301	0.74659737	-0.03303578	0.38644226	0.4112877	NA	CYP3A7-CYP3A51P
NA	ENSG00000282304	0	NA	NA	NA	NA	
NA	ENSG00000282306	0	NA	NA	NA	NA	

NA	ENSG00000282308	0.15069912	-0.01848503	0.38480575	0.84537521	NA	DPRXP3
NA	ENSG00000282317	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000282320	0	NA	NA	NA	NA	TRBJ1-1
NA	ENSG00000282321	0	NA	NA	NA	NA	MTND1P7
NA	ENSG00000282327	0	NA	NA	NA	NA	
NA	ENSG00000282339	0	NA	NA	NA	NA	
NA	ENSG00000282358	0	NA	NA	NA	NA	
401442	ENSG00000282375	0	NA	NA	NA	NA	
NA	ENSG00000282381	49.2622526	0.12715283	0.27610931	0.52063886	0.7341489	
NA	ENSG00000282386	23.2275449	-0.08979839	0.30560469	0.63755182	0.81738469	
NA	ENSG00000282390	905.111848	-0.49985009	0.09070326	1.41E-08	2.08E-07	
NA	ENSG00000282393	60.3341313	-0.53294081	0.34167816	0.02878328	0.09716868	
105377924	ENSG00000282408	0	NA	NA	NA	NA	
NA	ENSG00000282413	0	NA	NA	NA	NA	
NA	ENSG00000282416	0	NA	NA	NA	NA	
NA	ENSG00000282418	0	NA	NA	NA	NA	
100132015	ENSG00000282419	0	NA	NA	NA	NA	TEX13D
NA	ENSG00000282420	0	NA	NA	NA	NA	TRBJ1-2
NA	ENSG00000282431	0	NA	NA	NA	NA	TRBD1
NA	ENSG00000282432	0	NA	NA	NA	NA	
NA	ENSG00000282440	0	NA	NA	NA	NA	
375690	ENSG00000282458	1336.6396	-0.05351074	0.08492907	0.51754493	0.73141449	WASH5P
NA	ENSG00000282478	0	NA	NA	NA	NA	
NA	ENSG00000282499	0	NA	NA	NA	NA	TRBV25-1
NA	ENSG00000282501	0	NA	NA	NA	NA	
NA	ENSG00000282502	0	NA	NA	NA	NA	FKBP1AP4
NA	ENSG00000282508	357.920701	0.13188382	0.16849271	0.38403994	0.61317821	LINC01002
NA	ENSG00000282511	0	NA	NA	NA	NA	CLUHP10
NA	ENSG00000282520	0	NA	NA	NA	NA	IGHD3OR15-3A
NA	ENSG00000282527	0	NA	NA	NA	NA	
NA	ENSG00000282535	0.80275184	-0.00472613	0.38076461	0.93360236	NA	
NA	ENSG00000282542	37.6283114	-0.02165878	0.27039413	0.90881836	0.96052398	
101927825	ENSG00000282556	0	NA	NA	NA	NA	
NA	ENSG00000282564	1.22514447	-0.08324437	0.39612859	0.124547	NA	
NA	ENSG00000282572	0	NA	NA	NA	NA	
641702	ENSG00000282591	0	NA	NA	NA	NA	FAM138F
NA	ENSG00000282599	0	NA	NA	NA	NA	IGHD2OR15-2A
NA	ENSG00000282600	0	NA	NA	NA	NA	IGHV3-69-1

NA	ENSG00000282602	0	NA	NA	NA	NA	
140	ENSG00000282608	0	NA	NA	NA	NA	ADORA3
NA	ENSG00000282625	0	NA	NA	NA	NA	MRPL57P8
NA	ENSG00000282639	0	NA	NA	NA	NA	IGHV3-64D
NA	ENSG00000282651	0	NA	NA	NA	NA	IGHV5-10-1
NA	ENSG00000282668	0	NA	NA	NA	NA	
NA	ENSG00000282686	0	NA	NA	NA	NA	
NA	ENSG00000282692	0	NA	NA	NA	NA	
NA	ENSG00000282697	0	NA	NA	NA	NA	
NA	ENSG00000282718	0	NA	NA	NA	NA	
NA	ENSG00000282728	0	NA	NA	NA	NA	PGR-AS1
NA	ENSG00000282732	0	NA	NA	NA	NA	
NA	ENSG00000282738	0	NA	NA	NA	NA	
NA	ENSG00000282740	1.26717688	-0.01036707	0.38127388	0.84732592	NA	
NA	ENSG00000282742	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
100033411	ENSG00000282757	0	NA	NA	NA	NA	DUXB
NA	ENSG00000282759	0	NA	NA	NA	NA	
NA	ENSG00000282772	2.53793174	0.08344857	0.38403113	0.40290889	NA	
NA	ENSG00000282780	0	NA	NA	NA	NA	TRBJ1-6
NA	ENSG00000282785	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MALLP1
NA	ENSG00000282787	1.98074868	0.01019504	0.37380217	0.91107162	NA	
NA	ENSG00000282793	0	NA	NA	NA	NA	
NA	ENSG00000282798	43.9138611	-0.07656045	0.26479398	0.69098909	0.85031724	
NA	ENSG00000282804	0	NA	NA	NA	NA	
NA	ENSG00000282807	0	NA	NA	NA	NA	
100129520	ENSG00000282815	2.29695515	-0.16152857	0.43244911	0.0178796	NA	TEX13C
NA	ENSG00000282816	0	NA	NA	NA	NA	
100289097	ENSG00000282826	252.12043	-0.08322469	0.14529367	0.53552432	0.74643828	FRG1CP
NA	ENSG00000282828	0	NA	NA	NA	NA	
NA	ENSG00000282834	0	NA	NA	NA	NA	
NA	ENSG00000282836	0	NA	NA	NA	NA	
NA	ENSG00000282840	0.53183694	0.01341201	0.38343896	0.74746207	NA	
NA	ENSG00000282842	0	NA	NA	NA	NA	FRG2EP
NA	ENSG00000282843	0	NA	NA	NA	NA	
NA	ENSG00000282849	0	NA	NA	NA	NA	
NA	ENSG00000282850	0	NA	NA	NA	NA	RHOXF1P2
105221694	ENSG00000282851	5.21108735	0.10512239	0.38554395	0.36410239	0.59381904	BISPR
NA	ENSG00000282852	0	NA	NA	NA	NA	

	NA	ENSG00000282855	1.54243004	0.05138464	0.38199583	0.50461163	NA	
	NA	ENSG00000282859	0	NA	NA	NA	NA	
	NA	ENSG00000282860	0	NA	NA	NA	NA	
	NA	ENSG00000282863	0	NA	NA	NA	NA	
	NA	ENSG00000282864	0	NA	NA	NA	NA	
	NA	ENSG00000282865	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000282870	11.1823913	0.06865414	0.34365888	0.6777636	0.84270098	FRG1DP
110806296	NA	ENSG00000282872	0	NA	NA	NA	NA	C1orf232
	NA	ENSG00000282876	0.34048065	-0.00023546	0.38336237	0.96748451	NA	
	NA	ENSG00000282879	0.18922458	0.01954053	0.38488496	0.78225479	NA	
105378696	NA	ENSG00000282881	0	NA	NA	NA	NA	TMEM275
	NA	ENSG00000282882	0	NA	NA	NA	NA	
	NA	ENSG00000282885	5.48631939	0.14580176	0.39360713	0.29190701	0.5179626	
	NA	ENSG00000282886	0	NA	NA	NA	NA	PTMAP12
	NA	ENSG00000282887	0	NA	NA	NA	NA	
	NA	ENSG00000282890	0	NA	NA	NA	NA	
	NA	ENSG00000282894	0	NA	NA	NA	NA	DUX4L33
	NA	ENSG00000282897	0	NA	NA	NA	NA	
	NA	ENSG00000282898	0	NA	NA	NA	NA	
107986277	NA	ENSG00000282904	0	NA	NA	NA	NA	
	NA	ENSG00000282906	0.37844916	0.02407552	0.3854191	0.60038877	NA	
	NA	ENSG00000282907	10.855381	0.04670189	0.33961724	0.77782451	0.89820373	
	NA	ENSG00000282909	0	NA	NA	NA	NA	
	NA	ENSG00000282911	5.33317622	-0.02634758	0.35990192	0.83768851	0.92628758	DUX4L35
	NA	ENSG00000282912	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
	NA	ENSG00000282914	0	NA	NA	NA	NA	
	NA	ENSG00000282915	0	NA	NA	NA	NA	
105369431	NA	ENSG00000282916	0	NA	NA	NA	NA	LINC02746
	NA	ENSG00000282917	0	NA	NA	NA	NA	
	NA	ENSG00000282921	0	NA	NA	NA	NA	CFTRP2
	NA	ENSG00000282924	0	NA	NA	NA	NA	
	NA	ENSG00000282925	0	NA	NA	NA	NA	
	NA	ENSG00000282933	33.3375053	0.14532374	0.30384635	0.46518599	0.68793158	RHOXF1P3
	NA	ENSG00000282935	6.07679712	-0.00622184	0.36027409	0.95865594	0.98300251	DUX4L34
	NA	ENSG00000282936	134.122759	-0.01183928	0.18164111	0.94129092	0.97559098	
	NA	ENSG00000282939	0	NA	NA	NA	NA	TRBV7-2
	NA	ENSG00000282943	0	NA	NA	NA	NA	
	NA	ENSG00000282944	0	NA	NA	NA	NA	

NA	ENSG00000282946	0	NA	NA	NA	NA	
NA	ENSG00000282949	0	NA	NA	NA	NA	PCMTD1P7
NA	ENSG00000282950	0	NA	NA	NA	NA	
NA	ENSG00000282951	1.08500343	-0.02595637	0.38197936	0.65080815	NA	
NA	ENSG00000282952	0	NA	NA	NA	NA	
101867536	ENSG00000282961	0.82789504	-0.05713817	0.38965713	0.26162661	NA	PRNCR1
NA	ENSG00000282964	0	NA	NA	NA	NA	
NA	ENSG00000282965	0	NA	NA	NA	NA	
NA	ENSG00000282968	0.49231983	-0.00734	0.38270741	0.85866497	NA	AGGF1P10
NA	ENSG00000282973	0	NA	NA	NA	NA	
NA	ENSG00000282975	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02034
102157401	ENSG00000282977	14.2944085	0.19036089	0.36856187	0.31282325	0.54072254	PCBP2-OT1
NA	ENSG00000282978	0.55709423	0.01255592	0.38329745	0.74026706	NA	
NA	ENSG00000282980	0	NA	NA	NA	NA	
NA	ENSG00000282987	0	NA	NA	NA	NA	
NA	ENSG00000282988	11.6968797	0.05950172	0.33897245	0.72309585	0.86764418	
NA	ENSG00000282989	0	NA	NA	NA	NA	PDCL3P2
NA	ENSG00000282993	0	NA	NA	NA	NA	
NA	ENSG00000282994	0	NA	NA	NA	NA	
NA	ENSG00000282995	24.0297952	0.3893511	0.43668474	0.09858703	0.24665406	FRG1EP
NA	ENSG00000282996	0	NA	NA	NA	NA	MPP7-DT
NA	ENSG00000282997	0	NA	NA	NA	NA	
NA	ENSG00000282998	0	NA	NA	NA	NA	
NA	ENSG00000283000	0	NA	NA	NA	NA	LINC02635
NA	ENSG00000283001	0	NA	NA	NA	NA	
NA	ENSG00000283003	0	NA	NA	NA	NA	
NA	ENSG00000283005	0	NA	NA	NA	NA	CDC27P3
NA	ENSG00000283010	1.59654122	0.07755208	0.38926264	0.29747321	NA	
NA	ENSG00000283016	0.173733	0.01914545	0.38484597	0.78225479	NA	ATP5MC1P2
NA	ENSG00000283020	74.3363194	-0.31254217	0.25548456	0.11818756	0.28210313	DUX4L37
NA	ENSG00000283023	21.6820275	0.02429456	0.3091853	0.89723045	0.95488961	FRG1GP
NA	ENSG00000283025	0	NA	NA	NA	NA	
NA	ENSG00000283031	9.28967309	-0.13220954	0.37227522	0.39937862	0.62816488	
NA	ENSG00000283033	0	NA	NA	NA	NA	
100506319	ENSG00000283036	0.18922458	0.01954053	0.38488496	0.78225479	NA	LINC01988
105378952	ENSG00000283039	0	NA	NA	NA	NA	KLF18
NA	ENSG00000283040	0	NA	NA	NA	NA	
NA	ENSG00000283041	13.9660602	0.02926918	0.33636597	0.8611002	0.93812292	

NA	ENSG00000283043	0	NA	NA	NA	NA	
NA	ENSG00000283044	0	NA	NA	NA	NA	
NA	ENSG00000283045	0.84278955	0.01723914	0.38204651	0.73688744	NA	
NA	ENSG00000283047	6.77610678	0.05828551	0.35801596	0.68449909	0.84639838	FRG1FP
101926918	ENSG00000283050	764.090484	0.04351688	0.10185809	0.65843823	0.83063614	GTF2IP12
101928311	ENSG00000283051	0.31676053	0.00116154	0.38336688	0.96672414	NA	LINC01668
NA	ENSG00000283052	0	NA	NA	NA	NA	LINC02456
NA	ENSG00000283053	0	NA	NA	NA	NA	
NA	ENSG00000283057	0	NA	NA	NA	NA	
NA	ENSG00000283058	0	NA	NA	NA	NA	
NA	ENSG00000283061	0	NA	NA	NA	NA	
NA	ENSG00000283063	0	NA	NA	NA	NA	TRBV6-2
NA	ENSG00000283064	55.3512585	-0.32876711	0.28703506	0.1209266	0.28694937	
NA	ENSG00000283065	0	NA	NA	NA	NA	
NA	ENSG00000283069	0	NA	NA	NA	NA	DUX4L32
107984640	ENSG00000283071	0.29863895	-0.02292439	0.3852726	0.68753245	NA	LBHD2
NA	ENSG00000283072	0	NA	NA	NA	NA	
NA	ENSG00000283075	0	NA	NA	NA	NA	
NA	ENSG00000283076	0	NA	NA	NA	NA	
NA	ENSG00000283078	14.096005	-0.15611998	0.35736879	0.38912875	0.61831766	
102723525	ENSG00000283083	0	NA	NA	NA	NA	LINC02498
NA	ENSG00000283084	0	NA	NA	NA	NA	
441495	ENSG00000283093	8.52588285	3.91087803	1.29711538	0.00026844	0.00185118	CENPVL2
NA	ENSG00000283095	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000283096	0	NA	NA	NA	NA	
NA	ENSG00000283097	0	NA	NA	NA	NA	
NA	ENSG00000283098	0	NA	NA	NA	NA	
NA	ENSG00000283101	0.173124	-0.01911262	0.38486262	0.84537521	NA	BMS1P21
NA	ENSG00000283103	519.385966	0.06459651	0.10736063	0.53156142	0.74286115	
NA	ENSG00000283108	1.90503103	-0.03764336	0.37712179	0.66451556	NA	
NA	ENSG00000283110	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
79150	ENSG00000283117	0.31857747	0.00148771	0.38336963	0.96282469	NA	
NA	ENSG00000283118	0	NA	NA	NA	NA	
NA	ENSG00000283122	2.29727395	0.17541249	0.44187428	0.01274386	NA	HYMAI
NA	ENSG00000283123	0.14931947	-0.01844332	0.38480212	0.84537521	NA	RARRES2P11
NA	ENSG00000283125	0	NA	NA	NA	NA	
100302187	ENSG00000283126	0	NA	NA	NA	NA	MIR1297
NA	ENSG00000283128	1.42472977	-0.02970101	0.37901972	0.6914121	NA	

NA	ENSG00000283130	0	NA	NA	NA	NA	
NA	ENSG00000283131	0	NA	NA	NA	NA	MTND2P41
NA	ENSG00000283132	0	NA	NA	NA	NA	
NA	ENSG00000283133	0	NA	NA	NA	NA	
NA	ENSG00000283136	0	NA	NA	NA	NA	
NA	ENSG00000283138	0	NA	NA	NA	NA	
NA	ENSG00000283141	1.34373175	0.00872004	0.37692432	0.91054454	NA	LINC02666
NA	ENSG00000283142	0	NA	NA	NA	NA	
NA	ENSG00000283145	0	NA	NA	NA	NA	
100847045	ENSG00000283146	0	NA	NA	NA	NA	MIR548AU
NA	ENSG00000283148	0	NA	NA	NA	NA	
NA	ENSG00000283149	25.5018375	-8.72739302	2.80370625	2.29E-10	4.22E-09	
100422882	ENSG00000283152	0	NA	NA	NA	NA	MIR3120
29970	ENSG00000283154	98.1111021	-0.09234969	0.20704143	0.59595917	0.78826859	IQCJ-SCHIP1
100505385	ENSG00000283154	98.1111021	-0.09234969	0.20704143	0.59595917	0.78826859	IQCJ-SCHIP1
NA	ENSG00000283155	0	NA	NA	NA	NA	
NA	ENSG00000283156	2.33853016	-0.0212014	0.37253018	0.82486685	NA	
NA	ENSG00000283157	0	NA	NA	NA	NA	
100126315	ENSG00000283159	0	NA	NA	NA	NA	MIR665
100616406	ENSG00000283160	0	NA	NA	NA	NA	MIR4521
NA	ENSG00000283162	140.698653	0.45683028	0.20175992	0.00927073	0.03896025	
NA	ENSG00000283164	0	NA	NA	NA	NA	
100616173	ENSG00000283165	0	NA	NA	NA	NA	MIR203B
NA	ENSG00000283166	0	NA	NA	NA	NA	
NA	ENSG00000283167	0	NA	NA	NA	NA	
494331	ENSG00000283170	0	NA	NA	NA	NA	MIR382
693130	ENSG00000283172	0	NA	NA	NA	NA	MIR548D1
NA	ENSG00000283174	0	NA	NA	NA	NA	MTCO1P38
101929130	ENSG00000283175	0	NA	NA	NA	NA	
NA	ENSG00000283176	0	NA	NA	NA	NA	
NA	ENSG00000283178	0	NA	NA	NA	NA	
102465459	ENSG00000283180	0	NA	NA	NA	NA	MIR6767
105374338	ENSG00000283183	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100302260	ENSG00000283188	0	NA	NA	NA	NA	MIR2052
NA	ENSG00000283189	124.521891	0.30922575	0.29603593	0.14777337	0.32978893	
100302188	ENSG00000283193	0	NA	NA	NA	NA	MIR1243
NA	ENSG00000283195	0.56036038	0.03329365	0.38627631	0.44644536	NA	IGHVII-43-1
645166	ENSG00000283196	198.255149	0.13511805	0.15375596	0.3388206	0.56905111	

654342	ENSG00000283196	198.255149	0.13511805	0.15375596	0.3388206	0.56905111	
107985911	ENSG00000283196	198.255149	0.13511805	0.15375596	0.3388206	0.56905111	
NA	ENSG00000283197	0	NA	NA	NA	NA	
100507747	ENSG00000283199	2.30369161	-0.02154041	0.37840572	0.79336972	NA	C13orf46
100302170	ENSG00000283200	0	NA	NA	NA	NA	MIR1206
440519	ENSG00000283201	2.63778592	-0.01826422	0.37979969	0.77912627	0.89892214	
NA	ENSG00000283202	0	NA	NA	NA	NA	
100302142	ENSG00000283203	0	NA	NA	NA	NA	MIR1246
100616419	ENSG00000283204	0	NA	NA	NA	NA	MIR4434
NA	ENSG00000283205	0	NA	NA	NA	NA	
100126329	ENSG00000283206	0	NA	NA	NA	NA	MIR941-1
100313806	ENSG00000283207	0	NA	NA	NA	NA	MIR1255B1
NA	ENSG00000283208	19.7683633	-0.15788172	0.34928366	0.39713097	0.62616852	
NA	ENSG00000283209	0	NA	NA	NA	NA	
100302166	ENSG00000283210	0	NA	NA	NA	NA	MIR1322
NA	ENSG00000283211	0	NA	NA	NA	NA	
100500845	ENSG00000283212	0	NA	NA	NA	NA	MIR642B
NA	ENSG00000283213	3.09161204	-0.07232426	0.38073837	0.46842543	0.69118513	
NA	ENSG00000283214	0	NA	NA	NA	NA	
285857	ENSG00000283215	0	NA	NA	NA	NA	LINC02537
NA	ENSG00000283217	0	NA	NA	NA	NA	
100302131	ENSG00000283218	0	NA	NA	NA	NA	MIR302F
NA	ENSG00000283219	0	NA	NA	NA	NA	
NA	ENSG00000283221	0	NA	NA	NA	NA	
100616265	ENSG00000283222	0	NA	NA	NA	NA	MIR4433A
100422998	ENSG00000283225	0	NA	NA	NA	NA	MIR3199-2
NA	ENSG00000283227	0	NA	NA	NA	NA	SPRR5
NA	ENSG00000283228	36.9694017	-0.07162941	0.38831249	0.31766813	0.54548517	
NA	ENSG00000283230	0	NA	NA	NA	NA	
NA	ENSG00000283232	0	NA	NA	NA	NA	CYP2C23P
NA	ENSG00000283234	0	NA	NA	NA	NA	
NA	ENSG00000283235	3.31853421	0.00072411	0.37262356	0.99608338	0.99859366	
NA	ENSG00000283236	35.1355264	-0.3897242	0.36166487	0.09490586	0.2397113	
100500883	ENSG00000283237	0	NA	NA	NA	NA	MIR550B1
100616324	ENSG00000283238	0	NA	NA	NA	NA	MIR1245B
104266957	ENSG00000283239	1.35629208	-0.05365626	0.38963083	0.19370279	NA	
NA	ENSG00000283240	0	NA	NA	NA	NA	
494333	ENSG00000283242	0	NA	NA	NA	NA	MIR384

NA	ENSG00000283246	0	NA	NA	NA	NA	MEP1AP1
NA	ENSG00000283247	0.45209736	-0.02505403	0.38558831	0.57865948	NA	CCDC201
NA	ENSG00000283249	0	NA	NA	NA	NA	
NA	ENSG00000283251	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000283255	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000283256	0	NA	NA	NA	NA	
NA	ENSG00000283257	0	NA	NA	NA	NA	
NA	ENSG00000283258	0	NA	NA	NA	NA	
NA	ENSG00000283259	0	NA	NA	NA	NA	
NA	ENSG00000283262	0	NA	NA	NA	NA	
NA	ENSG00000283265	0	NA	NA	NA	NA	
107986818	ENSG00000283267	1.7083448	0.05027555	0.38306776	0.48031006	NA	FAM237B
NA	ENSG00000283268	0.16735865	0.01897177	0.38482933	0.78225479	NA	TEX54
NA	ENSG00000283269	0	NA	NA	NA	NA	
NA	ENSG00000283270	0	NA	NA	NA	NA	MALLP2
NA	ENSG00000283271	0	NA	NA	NA	NA	
NA	ENSG00000283273	0	NA	NA	NA	NA	
NA	ENSG00000283274	0	NA	NA	NA	NA	
100422937	ENSG00000283275	0	NA	NA	NA	NA	MIR4275
100500920	ENSG00000283278	0	NA	NA	NA	NA	MIR3914-2
442913	ENSG00000283279	0	NA	NA	NA	NA	MIR376C
102465859	ENSG00000283281	0	NA	NA	NA	NA	MIR7978
NA	ENSG00000283283	0	NA	NA	NA	NA	
NA	ENSG00000283285	0	NA	NA	NA	NA	
NA	ENSG00000283286	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
111064649	ENSG00000283288	0	NA	NA	NA	NA	SMIM33
574478	ENSG00000283289	0	NA	NA	NA	NA	MIR524
NA	ENSG00000283290	0	NA	NA	NA	NA	
NA	ENSG00000283291	0	NA	NA	NA	NA	
125050	ENSG00000283293	15.9290232	0.16818726	0.36692278	0.35251292	0.58253009	RN7SK
NA	ENSG00000283294	0	NA	NA	NA	NA	
100422976	ENSG00000283296	0	NA	NA	NA	NA	MIR4256
101929469	ENSG00000283297	5.84254506	-0.00986907	0.35632899	0.93975964	0.97474024	TEX52
100422941	ENSG00000283298	0	NA	NA	NA	NA	MIR4272
NA	ENSG00000283300	0	NA	NA	NA	NA	
100616466	ENSG00000283301	0	NA	NA	NA	NA	MIR4520-2
NA	ENSG00000283303	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000283304	0	NA	NA	NA	NA	LINC02183

219525	ENSG00000283307	0.15069912	-0.01848503	0.38480575	0.84537521	NA	OR5AK4P
NA	ENSG00000283311	0.15069912	-0.01848503	0.38480575	0.84537521	NA	MTND6P29
NA	ENSG00000283312	28.9080765	0.03020773	0.30196133	0.87435878	0.94470892	
NA	ENSG00000283313	0	NA	NA	NA	NA	
105374540	ENSG00000283314	0	NA	NA	NA	NA	LINC02357
NA	ENSG00000283317	0.96885912	-0.01661016	0.38155452	0.7605772	NA	
100302282	ENSG00000283320	0	NA	NA	NA	NA	MIR103B2
NA	ENSG00000283321	0	NA	NA	NA	NA	
100996521	ENSG00000283324	0	NA	NA	NA	NA	CTXND2
102465518	ENSG00000283326	0	NA	NA	NA	NA	MIR6860
102465506	ENSG00000283327	0	NA	NA	NA	NA	MIR6841
110806297	ENSG00000283329	0	NA	NA	NA	NA	FAM240B
574489	ENSG00000283330	0	NA	NA	NA	NA	MIR518D
102465858	ENSG00000283333	0	NA	NA	NA	NA	MIR7977
100616155	ENSG00000283334	0	NA	NA	NA	NA	MIR4536-1
100616335	ENSG00000283335	0	NA	NA	NA	NA	MIR219B
NA	ENSG00000283337	0	NA	NA	NA	NA	
NA	ENSG00000283338	0	NA	NA	NA	NA	
NA	ENSG00000283339	0	NA	NA	NA	NA	
100422839	ENSG00000283340	0	NA	NA	NA	NA	MIR3119-1
NA	ENSG00000283341	29.1336669	0.01851867	0.29539296	0.92389483	0.96841047	
NA	ENSG00000283342	0.16735865	0.01897177	0.38482933	0.78225479	NA	NBPF13P
100422865	ENSG00000283343	0	NA	NA	NA	NA	MIR4320
NA	ENSG00000283345	0.16735865	0.01897177	0.38482933	0.78225479	NA	
102465985	ENSG00000283346	0	NA	NA	NA	NA	MIR6511B2
NA	ENSG00000283347	0	NA	NA	NA	NA	
NA	ENSG00000283349	0	NA	NA	NA	NA	PFN5P
100500902	ENSG00000283351	0	NA	NA	NA	NA	MIR3910-2
NA	ENSG00000283352	7.70995652	0.09134567	0.35935544	0.55267564	0.75905858	
NA	ENSG00000283354	0	NA	NA	NA	NA	
NA	ENSG00000283355	16.6287159	0.11774096	0.33707019	0.52006558	0.73354906	
NA	ENSG00000283356	0	NA	NA	NA	NA	
100616297	ENSG00000283359	0	NA	NA	NA	NA	MIR3977
NA	ENSG00000283360	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
101929355	ENSG00000283361	0	NA	NA	NA	NA	CFAP97D2
100616273	ENSG00000283364	0	NA	NA	NA	NA	MIR451B
NA	ENSG00000283365	0	NA	NA	NA	NA	NCOA5LP
NA	ENSG00000283366	0	NA	NA	NA	NA	

NA	ENSG00000283367	0	NA	NA	NA	NA	
NA	ENSG00000283369	0	NA	NA	NA	NA	
NA	ENSG00000283371	0	NA	NA	NA	NA	
NA	ENSG00000283372	0	NA	NA	NA	NA	
NA	ENSG00000283375	0	NA	NA	NA	NA	
NA	ENSG00000283376	0	NA	NA	NA	NA	
NA	ENSG00000283377	0	NA	NA	NA	NA	
100289279	ENSG00000283378	41.6981336	-0.70798256	0.41212737	0.01220378	0.0488841	CNTNAP3C
100616303	ENSG00000283379	0	NA	NA	NA	NA	MIR3688-2
NA	ENSG00000283380	0.49316615	-0.00703121	0.38269325	0.86246238	NA	
NA	ENSG00000283381	0	NA	NA	NA	NA	
NA	ENSG00000283383	0	NA	NA	NA	NA	
NA	ENSG00000283384	0	NA	NA	NA	NA	
100616316	ENSG00000283385	0	NA	NA	NA	NA	MIR4524A
100616372	ENSG00000283386	0	NA	NA	NA	NA	MIR4659B
NA	ENSG00000283389	0	NA	NA	NA	NA	
NA	ENSG00000283390	0	NA	NA	NA	NA	
NA	ENSG00000283392	0	NA	NA	NA	NA	
NA	ENSG00000283393	0	NA	NA	NA	NA	
102466235	ENSG00000283394	0	NA	NA	NA	NA	MIR7515
NA	ENSG00000283399	0	NA	NA	NA	NA	
NA	ENSG00000283400	0	NA	NA	NA	NA	
NA	ENSG00000283402	0.173124	-0.01911262	0.38486262	0.84537521	NA	
100420587	ENSG00000283403	0	NA	NA	NA	NA	
NA	ENSG00000283405	15.1092982	3.74912183	0.87181752	1.66E-06	1.81E-05	
NA	ENSG00000283408	0	NA	NA	NA	NA	MIR548A1HG
100500880	ENSG00000283409	0	NA	NA	NA	NA	MIR3662
NA	ENSG00000283411	0	NA	NA	NA	NA	
NA	ENSG00000283412	0	NA	NA	NA	NA	
NA	ENSG00000283413	0	NA	NA	NA	NA	
NA	ENSG00000283414	0	NA	NA	NA	NA	
NA	ENSG00000283415	0	NA	NA	NA	NA	
100302261	ENSG00000283416	0	NA	NA	NA	NA	MIR1910
NA	ENSG00000283417	0	NA	NA	NA	NA	
NA	ENSG00000283418	0	NA	NA	NA	NA	
102466203	ENSG00000283419	0	NA	NA	NA	NA	MIR6874
100422999	ENSG00000283420	0	NA	NA	NA	NA	MIR4278
NA	ENSG00000283421	0	NA	NA	NA	NA	

NA	ENSG00000283422	0	NA	NA	NA	NA	LINC02452
NA	ENSG00000283423	0	NA	NA	NA	NA	
NA	ENSG00000283426	0	NA	NA	NA	NA	SMBD1P
NA	ENSG00000283427	0.696933	0.05084159	0.38852661	0.29969858	NA	
NA	ENSG00000283428	0	NA	NA	NA	NA	CCDC195
NA	ENSG00000283431	1.42332722	-0.10061329	0.40180859	0.08140798	NA	
NA	ENSG00000283432	0	NA	NA	NA	NA	
NA	ENSG00000283433	0	NA	NA	NA	NA	RNA5SP532
111064647	ENSG00000283434	0	NA	NA	NA	NA	CSNKA2IP
100302171	ENSG00000283435	0	NA	NA	NA	NA	MIR1321
NA	ENSG00000283436	0	NA	NA	NA	NA	LINC01958
NA	ENSG00000283438	0	NA	NA	NA	NA	
107983988	ENSG00000283439	0.29863895	-0.02292439	0.3852726	0.68753245	NA	SPEM3
NA	ENSG00000283440	0.14931947	-0.01844332	0.38480212	0.84537521	NA	LINC01260
100616134	ENSG00000283441	0	NA	NA	NA	NA	MIR499B
NA	ENSG00000283442	0	NA	NA	NA	NA	
NA	ENSG00000283443	7.01089034	-0.00351998	0.35511294	0.97757186	0.99237749	
NA	ENSG00000283444	0	NA	NA	NA	NA	GPR141BP
NA	ENSG00000283445	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000283446	0	NA	NA	NA	NA	
102465696	ENSG00000283450	0	NA	NA	NA	NA	MIR486-2
NA	ENSG00000283451	0	NA	NA	NA	NA	
NA	ENSG00000283452	0	NA	NA	NA	NA	
NA	ENSG00000283453	0	NA	NA	NA	NA	
574471	ENSG00000283455	0	NA	NA	NA	NA	MIR523
NA	ENSG00000283456	0	NA	NA	NA	NA	MTND1P37
NA	ENSG00000283457	0	NA	NA	NA	NA	
NA	ENSG00000283458	1.48355597	-0.00282572	0.37853229	0.96626563	NA	
NA	ENSG00000283459	0	NA	NA	NA	NA	
100500830	ENSG00000283461	0	NA	NA	NA	NA	MIR550B2
NA	ENSG00000283462	0	NA	NA	NA	NA	
101927685	ENSG00000283463	1.13024046	-0.03625027	0.38130318	0.59315499	NA	HSFX4
NA	ENSG00000283464	25.4121643	0.14378019	0.32892546	0.4567714	0.68025406	
100616234	ENSG00000283468	0	NA	NA	NA	NA	MIR4454
100422993	ENSG00000283469	0	NA	NA	NA	NA	MIR3130-1
102466752	ENSG00000283471	0	NA	NA	NA	NA	MIR6863
100132146	ENSG00000283473	0	NA	NA	NA	NA	FAM240A
102465497	ENSG00000283474	0	NA	NA	NA	NA	MIR6828

100302182	ENSG00000283476	0	NA	NA	NA	NA	MIR1279
102464830	ENSG00000283477	0	NA	NA	NA	NA	MIR6079
NA	ENSG00000283479	0	NA	NA	NA	NA	
NA	ENSG00000283480	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000283481	0	NA	NA	NA	NA	MTND4LP32
NA	ENSG00000283483	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
100616238	ENSG00000283484	0	NA	NA	NA	NA	MIR3529
100289137	ENSG00000283486	173.448027	-1.60145278	0.19164862	5.20E-18	1.73E-16	FAM95C
100616137	ENSG00000283487	0	NA	NA	NA	NA	MIR4501
NA	ENSG00000283489	0	NA	NA	NA	NA	
574477	ENSG00000283490	0	NA	NA	NA	NA	MIR518C
NA	ENSG00000283491	0.80134498	-0.00397982	0.38075474	0.94415038	NA	
102465690	ENSG00000283492	0	NA	NA	NA	NA	MIR7153
102466519	ENSG00000283493	0	NA	NA	NA	NA	MIR6086
NA	ENSG00000283496	0	NA	NA	NA	NA	ZNF511-PRAP1
100422825	ENSG00000283497	0	NA	NA	NA	NA	MIR3160-2
NA	ENSG00000283499	0	NA	NA	NA	NA	
NA	ENSG00000283502	0	NA	NA	NA	NA	
NA	ENSG00000283503	21.763118	-0.53237171	0.49875611	0.04698652	0.1418461	LINC01902
NA	ENSG00000283504	0	NA	NA	NA	NA	
100847091	ENSG00000283505	0	NA	NA	NA	NA	MIR5681B
102465692	ENSG00000283506	0	NA	NA	NA	NA	MIR7157
100302227	ENSG00000283507	0	NA	NA	NA	NA	MIR1302-1
NA	ENSG00000283509	0	NA	NA	NA	NA	
NA	ENSG00000283511	0.173124	-0.01911262	0.38486262	0.84537521	NA	
100616257	ENSG00000283514	0	NA	NA	NA	NA	MIR3975
NA	ENSG00000283515	4.85567428	0.00252178	0.38292506	0.95606736	0.98190167	
101929989	ENSG00000283516	0	NA	NA	NA	NA	LITAFD
NA	ENSG00000283517	0	NA	NA	NA	NA	
NA	ENSG00000283518	0.49770933	-0.01072397	0.38286524	0.82140443	NA	LINC02775
NA	ENSG00000283519	0	NA	NA	NA	NA	
100422964	ENSG00000283522	0	NA	NA	NA	NA	MIR3150A
100500838	ENSG00000283523	0	NA	NA	NA	NA	MIR3926-2
NA	ENSG00000283524	0	NA	NA	NA	NA	OR11J7P
105372412	ENSG00000283525	0	NA	NA	NA	NA	
642515	ENSG00000283526	0	NA	NA	NA	NA	PRRT1B
NA	ENSG00000283527	0	NA	NA	NA	NA	
NA	ENSG00000283528	0.29863895	-0.02292439	0.3852726	0.68753245	NA	TCAF2C

NA	ENSG00000283529	1.26561378	0.04622343	0.38647747	0.31972873	NA	
100422840	ENSG00000283532	0	NA	NA	NA	NA	MIR4317
100500807	ENSG00000283534	0	NA	NA	NA	NA	MIR374C
NA	ENSG00000283535	0	NA	NA	NA	NA	
NA	ENSG00000283536	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000283537	0.52119901	0.02576573	0.38568143	0.51723676	NA	
NA	ENSG00000283538	4.35496224	-0.119308	0.38903015	0.32625884	0.55447793	
574464	ENSG00000283540	0	NA	NA	NA	NA	MIR520F
NA	ENSG00000283541	0	NA	NA	NA	NA	
NA	ENSG00000283542	0	NA	NA	NA	NA	OASL2P
NA	ENSG00000283544	0	NA	NA	NA	NA	
NA	ENSG00000283545	0	NA	NA	NA	NA	
NA	ENSG00000283546	0	NA	NA	NA	NA	
NA	ENSG00000283547	0.14931947	-0.01844332	0.38480212	0.84537521	NA	MTATP6P8
NA	ENSG00000283549	11.1356882	0.2109465	0.40231005	0.23231458	0.44909196	
100302267	ENSG00000283550	0	NA	NA	NA	NA	MIR2054
692211	ENSG00000283551	0	NA	NA	NA	NA	SNORD98
105370177	ENSG00000283554	0	NA	NA	NA	NA	LINC02341
NA	ENSG00000283555	0	NA	NA	NA	NA	
574435	ENSG00000283556	0	NA	NA	NA	NA	MIR376B
100423033	ENSG00000283558	0	NA	NA	NA	NA	MIR3158-2
NA	ENSG00000283559	1.43444932	-0.06820226	0.39058648	0.22754853	NA	
664615	ENSG00000283561	0	NA	NA	NA	NA	MIR376A2
NA	ENSG00000283562	0	NA	NA	NA	NA	IGHVIII-44
NA	ENSG00000283563	2.01725806	0.00942594	0.37519835	0.91252732	NA	
NA	ENSG00000283564	0	NA	NA	NA	NA	
NA	ENSG00000283566	0	NA	NA	NA	NA	
111064650	ENSG00000283567	0.18922458	0.01954053	0.38488496	0.78225479	NA	C19orf85
NA	ENSG00000283568	0	NA	NA	NA	NA	
100616418	ENSG00000283569	0	NA	NA	NA	NA	MIR4773-2
NA	ENSG00000283571	0	NA	NA	NA	NA	
100422968	ENSG00000283572	0	NA	NA	NA	NA	MIR4251
NA	ENSG00000283573	0	NA	NA	NA	NA	
NA	ENSG00000283575	0	NA	NA	NA	NA	
NA	ENSG00000283576	0	NA	NA	NA	NA	
NA	ENSG00000283578	1.40526702	0.08531081	0.39415875	0.17908055	NA	MTND5P42
NA	ENSG00000283579	0	NA	NA	NA	NA	
NA	ENSG00000283580	50.6318277	-0.03166857	0.29772054	0.86492042	0.94027513	

NA	ENSG00000283582	0	NA	NA	NA	NA	SULT6B2P
NA	ENSG00000283583	0	NA	NA	NA	NA	
NA	ENSG00000283584	0	NA	NA	NA	NA	
NA	ENSG00000283586	0	NA	NA	NA	NA	GKN3P
NA	ENSG00000283587	0	NA	NA	NA	NA	
494325	ENSG00000283588	0	NA	NA	NA	NA	MIR376A1
100616136	ENSG00000283591	0	NA	NA	NA	NA	MIR4430
NA	ENSG00000283592	0	NA	NA	NA	NA	
NA	ENSG00000283597	0.14931947	-0.01844332	0.38480212	0.84537521	NA	FAM169B
100847009	ENSG00000283598	0	NA	NA	NA	NA	MIR1295B
101059915	ENSG00000283599	0	NA	NA	NA	NA	
NA	ENSG00000283601	0	NA	NA	NA	NA	MS4A19P
NA	ENSG00000283602	0	NA	NA	NA	NA	
100422897	ENSG00000283603	0	NA	NA	NA	NA	MIR4302
442906	ENSG00000283604	0	NA	NA	NA	NA	MIR338
NA	ENSG00000283605	0	NA	NA	NA	NA	OR4C48P
NA	ENSG00000283607	0	NA	NA	NA	NA	IGHVII-30-21
NA	ENSG00000283608	0	NA	NA	NA	NA	
100616221	ENSG00000283609	0	NA	NA	NA	NA	MIR4662A
113391335	ENSG00000283611	0	NA	NA	NA	NA	TMEM274P
100302238	ENSG00000283612	0	NA	NA	NA	NA	MIR103B1
NA	ENSG00000283613	0	NA	NA	NA	NA	CUPIN1P
102465855	ENSG00000283614	0	NA	NA	NA	NA	MIR7973-2
100126323	ENSG00000283615	0	NA	NA	NA	NA	MIR924
100847034	ENSG00000283616	0	NA	NA	NA	NA	MIR5683
NA	ENSG00000283618	0	NA	NA	NA	NA	
102466729	ENSG00000283621	0	NA	NA	NA	NA	MIR6759
100422932	ENSG00000283622	0	NA	NA	NA	NA	MIR4328
NA	ENSG00000283625	0	NA	NA	NA	NA	
NA	ENSG00000283626	0	NA	NA	NA	NA	MTATP6P10
NA	ENSG00000283627	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000283629	0	NA	NA	NA	NA	
NA	ENSG00000283631	0	NA	NA	NA	NA	
90332	ENSG00000283632	0.62868221	-0.03639905	0.38663966	0.4245043	NA	EXOC3L2
NA	ENSG00000283633	0	NA	NA	NA	NA	
100628560	ENSG00000283634	0	NA	NA	NA	NA	MIR3155B
NA	ENSG00000283635	0.77407682	-0.05445781	0.38914488	0.28416662	NA	
NA	ENSG00000283636	0	NA	NA	NA	NA	

100616472	ENSG00000283637	0	NA	NA	NA	NA	MIR4776-2
NA	ENSG00000283638	1.59099842	0.11696533	0.40854866	0.04921996	NA	
103504730	ENSG00000283639	0	NA	NA	NA	NA	MIR9500
110806299	ENSG00000283644	0	NA	NA	NA	NA	ETDC
100846997	ENSG00000283645	0	NA	NA	NA	NA	MIR5583-2
105377068	ENSG00000283646	0	NA	NA	NA	NA	LINC02009
NA	ENSG00000283647	5.27007976	-0.03935421	0.3643729	0.74947424	0.88205755	
NA	ENSG00000283648	0	NA	NA	NA	NA	
NA	ENSG00000283653	0	NA	NA	NA	NA	
100128908	ENSG00000283654	0.68116115	0.02386856	0.38330621	0.59416408	NA	LMLN2
100616162	ENSG00000283656	0	NA	NA	NA	NA	MIR4483
NA	ENSG00000283657	0	NA	NA	NA	NA	
NA	ENSG00000283659	0	NA	NA	NA	NA	
NA	ENSG00000283662	90.2211069	0.23077789	0.24091103	0.23037028	0.44631785	
NA	ENSG00000283663	0	NA	NA	NA	NA	
100616128	ENSG00000283664	0	NA	NA	NA	NA	MIR4679-1
100616279	ENSG00000283665	0	NA	NA	NA	NA	MIR3974
NA	ENSG00000283666	0	NA	NA	NA	NA	
NA	ENSG00000283667	8.62178645	-0.18647761	0.39439899	0.26486417	0.48706137	
NA	ENSG00000283669	0	NA	NA	NA	NA	
100616296	ENSG00000283672	0	NA	NA	NA	NA	MIR4678
100616355	ENSG00000283673	0	NA	NA	NA	NA	MIR4531
729732	ENSG00000283674	27.4260579	0.00570432	0.28831457	0.97788429	0.99249544	
NA	ENSG00000283675	0	NA	NA	NA	NA	
100847044	ENSG00000283676	0	NA	NA	NA	NA	MIR5087
100500868	ENSG00000283677	0	NA	NA	NA	NA	MIR3913-2
102465498	ENSG00000283678	0	NA	NA	NA	NA	MIR6830
NA	ENSG00000283679	0	NA	NA	NA	NA	
NA	ENSG00000283680	0	NA	NA	NA	NA	OR11K1P
100616254	ENSG00000283682	0	NA	NA	NA	NA	MIR548AH
110806290	ENSG00000283683	0	NA	NA	NA	NA	MYOCOS
NA	ENSG00000283684	0	NA	NA	NA	NA	
574495	ENSG00000283685	0	NA	NA	NA	NA	MIR522
NA	ENSG00000283686	0	NA	NA	NA	NA	
102465427	ENSG00000283688	0	NA	NA	NA	NA	MIR6715B
NA	ENSG00000283689	16.5650707	-0.34692002	0.442461	0.11924528	0.28391051	
100422946	ENSG00000283690	0	NA	NA	NA	NA	MIR3116-2
NA	ENSG00000283691	0	NA	NA	NA	NA	

NA	ENSG00000283692	0	NA	NA	NA	NA	
100422877	ENSG00000283694	0	NA	NA	NA	NA	MIR3202-2
NA	ENSG00000283695	0	NA	NA	NA	NA	
NA	ENSG00000283696	12.5850532	0.17711662	0.37473913	0.32194856	0.54956623	
101928917	ENSG00000283697	0	NA	NA	NA	NA	HSFX3
NA	ENSG00000283698	2.33871198	0.12227237	0.40762393	0.08314043	NA	VINAC1P
100616320	ENSG00000283699	0	NA	NA	NA	NA	MIR4481
693140	ENSG00000283701	0	NA	NA	NA	NA	MIR555
338667	ENSG00000283703	2.35254896	0.05452041	0.38079904	0.51021507	NA	VSIG10L2
NA	ENSG00000283704	0	NA	NA	NA	NA	
407048	ENSG00000283705	0	NA	NA	NA	NA	MIR92A1
29122	ENSG00000283706	2.21345368	0.11723146	0.4096197	0.03167783	NA	PRSS50
387644	ENSG00000283709	8.56241234	0.09953102	0.361604	0.51678971	0.73085094	FAM238C
100302185	ENSG00000283710	0	NA	NA	NA	NA	MIR1204
102465435	ENSG00000283712	0	NA	NA	NA	NA	MIR6727
102465499	ENSG00000283717	0	NA	NA	NA	NA	MIR6831
102466757	ENSG00000283721	0	NA	NA	NA	NA	MIR6884
102465438	ENSG00000283724	0	NA	NA	NA	NA	MIR6732
100847079	ENSG00000283726	0	NA	NA	NA	NA	MIR5193
102466806	ENSG00000283728	0	NA	NA	NA	NA	MIR7108
406938	ENSG00000283733	0	NA	NA	NA	NA	MIR146A
100616364	ENSG00000283734	0	NA	NA	NA	NA	MIR4785
619553	ENSG00000283736	0	NA	NA	NA	NA	MIR484
NA	ENSG00000283737	1.05017058	0.04363986	0.38456176	0.40099766	NA	
NA	ENSG00000283740	0	NA	NA	NA	NA	TAF11L11
NA	ENSG00000283743	6.40158128	-0.16263646	0.40970291	0.20167739	0.40713058	
102465452	ENSG00000283744	0	NA	NA	NA	NA	MIR6755
442920	ENSG00000283745	0	NA	NA	NA	NA	MIR196B
100616315	ENSG00000283749	0	NA	NA	NA	NA	MIR4781
574412	ENSG00000283751	0	NA	NA	NA	NA	MIR452
NA	ENSG00000283752	0	NA	NA	NA	NA	
105371346	ENSG00000283755	0	NA	NA	NA	NA	CPHXL
NA	ENSG00000283757	9.13263087	-0.00673562	0.34735608	0.96207011	0.98470041	
NA	ENSG00000283758	0	NA	NA	NA	NA	PMIS2
693199	ENSG00000283759	0	NA	NA	NA	NA	MIR614
NA	ENSG00000283761	41.9999311	0.27937029	0.3587648	0.1952717	0.39882545	
406982	ENSG00000283762	0	NA	NA	NA	NA	MIR20A
102465978	ENSG00000283764	0	NA	NA	NA	NA	MIR6850

NA	ENSG00000283765	19.1758723	-0.05083894	0.3796098	0.55306138	0.75935901	
NA	ENSG00000283766	0	NA	NA	NA	NA	
100302274	ENSG00000283768	0	NA	NA	NA	NA	MIR1178
NA	ENSG00000283769	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
102466749	ENSG00000283770	0	NA	NA	NA	NA	MIR6849
102466733	ENSG00000283772	0	NA	NA	NA	NA	MIR6778
NA	ENSG00000283773	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
693217	ENSG00000283774	0	NA	NA	NA	NA	MIR632
100423009	ENSG00000283775	0	NA	NA	NA	NA	MIR4329
NA	ENSG00000283776	0	NA	NA	NA	NA	TAF11L13
NA	ENSG00000283782	118.559481	-0.07125855	0.38591139	0.37818354	0.60710102	
693207	ENSG00000283783	0	NA	NA	NA	NA	MIR622
406948	ENSG00000283785	0	NA	NA	NA	NA	MIR15A
NA	ENSG00000283787	2.35077911	0.00868353	0.37151853	0.93057064	NA	PRR33
100126326	ENSG00000283788	0	NA	NA	NA	NA	MIR936
102465836	ENSG00000283789	0	NA	NA	NA	NA	MIR7846
693197	ENSG00000283791	0	NA	NA	NA	NA	MIR612
100616193	ENSG00000283792	0	NA	NA	NA	NA	MIR4453
102465519	ENSG00000283793	0	NA	NA	NA	NA	MIR6861
100616345	ENSG00000283795	0	NA	NA	NA	NA	MIR4426
102466658	ENSG00000283796	0	NA	NA	NA	NA	MIR6510
407024	ENSG00000283797	0	NA	NA	NA	NA	MIR29B1
693215	ENSG00000283798	0	NA	NA	NA	NA	MIR630
100302132	ENSG00000283799	0	NA	NA	NA	NA	MIR1182
100616400	ENSG00000283803	0	NA	NA	NA	NA	MIR3198-2
693221	ENSG00000283805	0	NA	NA	NA	NA	MIR636
NA	ENSG00000283809	12.1601259	-0.04206189	0.33534816	0.80006845	0.90845064	
100616263	ENSG00000283813	0	NA	NA	NA	NA	MIR4485
406953	ENSG00000283815	0	NA	NA	NA	NA	MIR18A
102465834	ENSG00000283818	0	NA	NA	NA	NA	MIR7844
406936	ENSG00000283819	0	NA	NA	NA	NA	MIR144
102466755	ENSG00000283821	0	NA	NA	NA	NA	MIR6875
693224	ENSG00000283822	0	NA	NA	NA	NA	MIR639
407004	ENSG00000283824	0	NA	NA	NA	NA	MIR22
102724474	ENSG00000283828	22.0051306	0.16044145	0.32888972	0.41444436	0.64168691	
100616259	ENSG00000283829	0	NA	NA	NA	NA	MIR378I
102466723	ENSG00000283836	0	NA	NA	NA	NA	MIR6734
105373780	ENSG00000283839	5.31874915	0.04148536	0.36636638	0.73165814	0.87183768	

102466730	ENSG00000283840	0	NA	NA	NA	NA	MIR6764
100616483	ENSG00000283842	0	NA	NA	NA	NA	MIR4751
406996	ENSG00000283844	0	NA	NA	NA	NA	MIR214
100616256	ENSG00000283845	0	NA	NA	NA	NA	MIR4721
102465526	ENSG00000283848	0	NA	NA	NA	NA	MIR6872
NA	ENSG00000283849	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
100616282	ENSG00000283853	0	NA	NA	NA	NA	MIR4738
102465801	ENSG00000283856	0	NA	NA	NA	NA	MIR7703
100302145	ENSG00000283857	0	NA	NA	NA	NA	MIR1247
100500912	ENSG00000283858	0	NA	NA	NA	NA	MIR3674
100616250	ENSG00000283863	0	NA	NA	NA	NA	MIR3960
NA	ENSG00000283865	0	NA	NA	NA	NA	MTND3P18
100302174	ENSG00000283867	0	NA	NA	NA	NA	MIR1307
406920	ENSG00000283871	0	NA	NA	NA	NA	MIR130B
NA	ENSG00000283873	0	NA	NA	NA	NA	SSU72P4
100500872	ENSG00000283874	0	NA	NA	NA	NA	MIR3911
100422894	ENSG00000283876	0	NA	NA	NA	NA	MIR4260
NA	ENSG00000283877	0	NA	NA	NA	NA	
NA	ENSG00000283879	0	NA	NA	NA	NA	MTND6P35
102465802	ENSG00000283880	0	NA	NA	NA	NA	MIR7704
100500849	ENSG00000283881	0	NA	NA	NA	NA	MIR3916
100500913	ENSG00000283885	0	NA	NA	NA	NA	MIR3714
NA	ENSG00000283886	41.7533272	0.10734265	0.28779962	0.58599681	0.7817695	
100302258	ENSG00000283888	0	NA	NA	NA	NA	MIR1469
693213	ENSG00000283891	0	NA	NA	NA	NA	MIR628
100302212	ENSG00000283894	0	NA	NA	NA	NA	MIR1324
NA	ENSG00000283897	1.24810752	0.06863342	0.3926137	0.14355154	NA	
100313892	ENSG00000283899	0	NA	NA	NA	NA	MIR761
102800317	ENSG00000283900	3.24591522	-0.07636564	0.38131512	0.44916045	0.6728081	TPTEP2-CSNK1E
406947	ENSG00000283904	0	NA	NA	NA	NA	MIR155
NA	ENSG00000283906	0	NA	NA	NA	NA	IGHV4-80
NA	ENSG00000283907	0	NA	NA	NA	NA	
NA	ENSG00000283913	6.2006693	0.02178367	0.35595196	0.87564496	0.94509825	
NA	ENSG00000283914	0.34746601	0.02370763	0.3853651	0.61987128	NA	
102465445	ENSG00000283920	0	NA	NA	NA	NA	MIR6743
102466616	ENSG00000283923	0	NA	NA	NA	NA	MIR6132
406967	ENSG00000283926	0	NA	NA	NA	NA	MIR192
406922	ENSG00000283927	0	NA	NA	NA	NA	MIR133A1

693222	ENSG00000283928	0	NA	NA	NA	NA	MIR637
100847046	ENSG00000283929	0	NA	NA	NA	NA	MIR5010
NA	ENSG00000283930	51.9752939	-0.01408775	0.25244248	0.93948947	0.97474024	PLD5P1
574033	ENSG00000283931	0	NA	NA	NA	NA	MIR18B
102465529	ENSG00000283933	0	NA	NA	NA	NA	MIR6878
494335	ENSG00000283935	0	NA	NA	NA	NA	MIR423
100500832	ENSG00000283936	0	NA	NA	NA	NA	MIR3658
100500808	ENSG00000283938	0	NA	NA	NA	NA	MIR3917
NA	ENSG00000283940	0	NA	NA	NA	NA	MTND3P15
693185	ENSG00000283941	0	NA	NA	NA	NA	MIR600
100616211	ENSG00000283944	0	NA	NA	NA	NA	MIR4709
158035	ENSG00000283945	0.38338912	0.0240051	0.38541055	0.60568153	NA	LINC00032
NA	ENSG00000283948	0	NA	NA	NA	NA	IGHVIII-16-1
102465474	ENSG00000283950	0	NA	NA	NA	NA	MIR6791
NA	ENSG00000283952	0	NA	NA	NA	NA	
100500914	ENSG00000283956	0	NA	NA	NA	NA	MIR3610
100302143	ENSG00000283958	0	NA	NA	NA	NA	MIR1248
NA	ENSG00000283959	4.40908787	0.07254787	0.37049581	0.56413289	0.76676005	
NA	ENSG00000283967	0	NA	NA	NA	NA	TAF11L8
102465504	ENSG00000283969	0	NA	NA	NA	NA	MIR6838
100616477	ENSG00000283971	0	NA	NA	NA	NA	MIR4442
NA	ENSG00000283972	2.60341802	0.08283535	0.39146462	0.25649915	0.47758495	FAM247A
NA	ENSG00000283973	0	NA	NA	NA	NA	
NA	ENSG00000283977	19.9425339	-0.00068796	0.37342223	0.98833409	0.99601505	
100126356	ENSG00000283978	0	NA	NA	NA	NA	MIR365B
105372280	ENSG00000283980	0.92118844	0.06431746	0.39123152	0.19918195	NA	GNG14
101929563	ENSG00000283982	1.64825477	-0.0547555	0.38562385	0.38805521	NA	
NA	ENSG00000283988	0	NA	NA	NA	NA	TAF11L9
406883	ENSG00000283990	0	NA	NA	NA	NA	MIRLET7A3
NA	ENSG00000283991	0	NA	NA	NA	NA	
432355	ENSG00000283992	0	NA	NA	NA	NA	SLURP2
NA	ENSG00000283994	0	NA	NA	NA	NA	
574449	ENSG00000283998	0	NA	NA	NA	NA	MIR492
NA	ENSG00000283999	0	NA	NA	NA	NA	
100616142	ENSG00000284000	0	NA	NA	NA	NA	MIR4458
NA	ENSG00000284003	0	NA	NA	NA	NA	
102464833	ENSG00000284005	0	NA	NA	NA	NA	MIR6084
102465429	ENSG00000284008	0	NA	NA	NA	NA	MIR6511B1

100033819	ENSG00000284010	0	NA	NA	NA	NA	MIR675
102465249	ENSG00000284011	0	NA	NA	NA	NA	MIR6502
102466747	ENSG00000284012	0	NA	NA	NA	NA	MIR6840
100302237	ENSG00000284015	0	NA	NA	NA	NA	MIR1281
NA	ENSG00000284018	0	NA	NA	NA	NA	SSU72P5
100616119	ENSG00000284020	0	NA	NA	NA	NA	MIR4697
100421372	ENSG00000284024	665.23691	-0.27084776	0.09945966	0.00473989	0.02221577	
574456	ENSG00000284027	0	NA	NA	NA	NA	MIR497
100616226	ENSG00000284028	0	NA	NA	NA	NA	MIR4468
102465483	ENSG00000284029	0	NA	NA	NA	NA	MIR6805
100616414	ENSG00000284031	0	NA	NA	NA	NA	MIR4761
407021	ENSG00000284032	0	NA	NA	NA	NA	MIR29A
100847070	ENSG00000284034	0	NA	NA	NA	NA	MIR5196
100847090	ENSG00000284035	0	NA	NA	NA	NA	MIR5187
406902	ENSG00000284038	0	NA	NA	NA	NA	MIR10A
407022	ENSG00000284040	0	NA	NA	NA	NA	MIR296
NA	ENSG00000284042	0	NA	NA	NA	NA	TAF11L6
574032	ENSG00000284043	0	NA	NA	NA	NA	MIR20B
102465503	ENSG00000284047	0	NA	NA	NA	NA	MIR6836
NA	ENSG00000284048	10.5719022	0.17243085	0.40338268	0.24106256	0.45895616	
723778	ENSG00000284049	0	NA	NA	NA	NA	MIR650
NA	ENSG00000284052	13.1352681	0.55720913	0.69081844	0.03828595	0.1214766	
102465906	ENSG00000284054	0	NA	NA	NA	NA	MIR7112
100423004	ENSG00000284055	0	NA	NA	NA	NA	MIR4315-1
NA	ENSG00000284057	12.0967298	0.29988953	0.52172824	0.05986538	0.17094548	
100847042	ENSG00000284059	0	NA	NA	NA	NA	MIR5572
NA	ENSG00000284060	0.37844916	0.02407552	0.3854191	0.60038877	NA	
100616115	ENSG00000284062	0	NA	NA	NA	NA	MIR4469
102465501	ENSG00000284064	0	NA	NA	NA	NA	MIR6834
102466205	ENSG00000284065	0	NA	NA	NA	NA	MIR6887
102466985	ENSG00000284067	0	NA	NA	NA	NA	MIR6837
NA	ENSG00000284070	17.4625873	0.44897793	0.50080816	0.07081875	0.19313319	
NA	ENSG00000284071	0	NA	NA	NA	NA	
100616340	ENSG00000284074	0	NA	NA	NA	NA	MIR4758
NA	ENSG00000284078	0	NA	NA	NA	NA	SNORD138
100616361	ENSG00000284079	0	NA	NA	NA	NA	MIR4775
102466515	ENSG00000284081	0	NA	NA	NA	NA	MIR1199
102465666	ENSG00000284082	0	NA	NA	NA	NA	MIR7109

NA	ENSG00000284084	0	NA	NA	NA	NA	AOX3P-AOX2P
100616385	ENSG00000284085	0	NA	NA	NA	NA	MIR4732
102466200	ENSG00000284087	0	NA	NA	NA	NA	MIR6844
100847081	ENSG00000284092	0	NA	NA	NA	NA	MIR5703
102464826	ENSG00000284094	0	NA	NA	NA	NA	MIR6073
NA	ENSG00000284095	3.455447	0.0071145	0.36606859	0.95180413	0.98012235	
NA	ENSG00000284098	0	NA	NA	NA	NA	
406981	ENSG00000284107	0	NA	NA	NA	NA	MIR19B2
693196	ENSG00000284108	0	NA	NA	NA	NA	MIR611
406971	ENSG00000284112	0	NA	NA	NA	NA	MIR195
102465480	ENSG00000284114	0	NA	NA	NA	NA	MIR6800
NA	ENSG00000284116	39.5619524	-0.06963393	0.2752802	0.71791511	0.8643386	
102465532	ENSG00000284117	0	NA	NA	NA	NA	MIR6883
100616424	ENSG00000284118	0	NA	NA	NA	NA	MIR4707
406975	ENSG00000284121	0	NA	NA	NA	NA	MIR198
102465428	ENSG00000284122	0	NA	NA	NA	NA	MIR6717
100302183	ENSG00000284125	0	NA	NA	NA	NA	MIR1825
NA	ENSG00000284128	27.0347083	1.59383013	0.51867709	0.00012928	0.00095742	
102466736	ENSG00000284129	0	NA	NA	NA	NA	MIR6789
NA	ENSG00000284130	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
693153	ENSG00000284134	0	NA	NA	NA	NA	MIR568
100500804	ENSG00000284135	0	NA	NA	NA	NA	MIR3654
NA	ENSG00000284138	0	NA	NA	NA	NA	ATP6V0CP4
100302196	ENSG00000284139	0	NA	NA	NA	NA	MIR1234
100500860	ENSG00000284140	0	NA	NA	NA	NA	MIR3618
102466748	ENSG00000284142	0	NA	NA	NA	NA	MIR6845
100616329	ENSG00000284143	0	NA	NA	NA	NA	MIR4700
102466986	ENSG00000284144	0	NA	NA	NA	NA	MIR6866
100126321	ENSG00000284146	0	NA	NA	NA	NA	MIR922
100500907	ENSG00000284147	0	NA	NA	NA	NA	MIR3150B
102465453	ENSG00000284148	0	NA	NA	NA	NA	MIR6756
100616378	ENSG00000284149	0	NA	NA	NA	NA	MIR4784
102465454	ENSG00000284152	0	NA	NA	NA	NA	MIR6758
100500853	ENSG00000284154	0	NA	NA	NA	NA	MIR3605
406970	ENSG00000284155	0	NA	NA	NA	NA	MIR194-2
406899	ENSG00000284157	0	NA	NA	NA	NA	MIR106A
102466743	ENSG00000284158	0	NA	NA	NA	NA	MIR6822
100500888	ENSG00000284159	0	NA	NA	NA	NA	MIR3940

102465803	ENSG00000284160	0	NA	NA	NA	NA	MIR7706
100616122	ENSG00000284162	0	NA	NA	NA	NA	MIR4523
100500810	ENSG00000284163	0	NA	NA	NA	NA	MIR3620
NA	ENSG00000284167	0	NA	NA	NA	NA	MTATP6P5
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102465256	ENSG00000284173	0	NA	NA	NA	NA	MIR6513
100616143	ENSG00000284175	0	NA	NA	NA	NA	MIR4763
100847073	ENSG00000284176	0	NA	NA	NA	NA	MIR5090
407043	ENSG00000284179	0	NA	NA	NA	NA	MIR7-1
100500837	ENSG00000284180	0	NA	NA	NA	NA	MIR3606
406935	ENSG00000284182	0	NA	NA	NA	NA	MIR143
102465252	ENSG00000284184	0	NA	NA	NA	NA	MIR6506
407003	ENSG00000284185	0	NA	NA	NA	NA	MIR219A2
100500847	ENSG00000284186	0	NA	NA	NA	NA	MIR3615
NA	ENSG00000284188	0.18922458	0.01954053	0.38488496	0.78225479	NA	
406991	ENSG00000284190	0	NA	NA	NA	NA	MIR21
768213	ENSG00000284191	0	NA	NA	NA	NA	MIR671
100302168	ENSG00000284193	0	NA	NA	NA	NA	MIR1257
9997	ENSG00000284194	146.207093	-0.53250093	0.22845271	0.005982	0.02709036	SCO2
102465513	ENSG00000284195	0	NA	NA	NA	NA	MIR6852
NA	ENSG00000284196	0	NA	NA	NA	NA	
724028	ENSG00000284197	0	NA	NA	NA	NA	MIR658
102465510	ENSG00000284200	0	NA	NA	NA	NA	MIR6847
406928	ENSG00000284202	0	NA	NA	NA	NA	MIR137
407025	ENSG00000284203	0	NA	NA	NA	NA	MIR29B2
406979	ENSG00000284204	0	NA	NA	NA	NA	MIR19A
NA	ENSG00000284209	0	NA	NA	NA	NA	
407026	ENSG00000284214	0	NA	NA	NA	NA	MIR29C
100302210	ENSG00000284216	0.16735865	0.01897177	0.38482933	0.78225479	NA	MIR1909
574448	ENSG00000284219	0	NA	NA	NA	NA	MIR202
NA	ENSG00000284221	0	NA	NA	NA	NA	
100126338	ENSG00000284224	0	NA	NA	NA	NA	MIR937
102465511	ENSG00000284229	0	NA	NA	NA	NA	MIR6848
494336	ENSG00000284231	0	NA	NA	NA	NA	MIR424
NA	ENSG00000284233	0	NA	NA	NA	NA	
NA	ENSG00000284234	0	NA	NA	NA	NA	TAF11L5
NA	ENSG00000284237	6.02528862	-0.0494932	0.36017544	0.71374673	0.86192204	LINC02767
100302257	ENSG00000284239	0	NA	NA	NA	NA	MIR1539

101927844	ENSG00000284240	0	NA	NA	NA	NA	LINC02801
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102466719	ENSG00000284246	0	NA	NA	NA	NA	MIR6716
100616452	ENSG00000284247	0	NA	NA	NA	NA	MIR2682
102466864	ENSG00000284250	0	NA	NA	NA	NA	MIR6516
100313843	ENSG00000284251	0	NA	NA	NA	NA	MIR711
100616394	ENSG00000284252	0	NA	NA	NA	NA	MIR4444-1
100302290	ENSG00000284253	0	NA	NA	NA	NA	MIR1973
100847012	ENSG00000284256	0	NA	NA	NA	NA	MIR5004
102465879	ENSG00000284258	0	NA	NA	NA	NA	MIR8085
102466194	ENSG00000284259	0	NA	NA	NA	NA	MIR6773
100616393	ENSG00000284261	0	NA	NA	NA	NA	MIR4657
NA	ENSG00000284263	0	NA	NA	NA	NA	
100616500	ENSG00000284265	0	NA	NA	NA	NA	MIR4683
100616146	ENSG00000284266	0	NA	NA	NA	NA	MIR4534
100302213	ENSG00000284268	0	NA	NA	NA	NA	MIR1181
102465841	ENSG00000284269	0	NA	NA	NA	NA	MIR7855
100423031	ENSG00000284272	0	NA	NA	NA	NA	MIR4321
100616358	ENSG00000284276	0	NA	NA	NA	NA	MIR4800
102466227	ENSG00000284277	0	NA	NA	NA	NA	MIR7162
102465508	ENSG00000284280	0	NA	NA	NA	NA	MIR6843
NA	ENSG00000284283	0	NA	NA	NA	NA	TAF11L4
100616396	ENSG00000284284	0	NA	NA	NA	NA	MIR4712
100313781	ENSG00000284286	0	NA	NA	NA	NA	MIR718
100616169	ENSG00000284288	0	NA	NA	NA	NA	MIR378D2
102465492	ENSG00000284289	0	NA	NA	NA	NA	MIR6820
NA	ENSG00000284291	0	NA	NA	NA	NA	MTCO2P10
NA	ENSG00000284292	47.1819028	-0.39851128	0.42012829	0.09403859	0.23812708	
102465669	ENSG00000284293	0	NA	NA	NA	NA	MIR7113
NA	ENSG00000284294	0.50785465	0.03075452	0.38601748	0.48329858	NA	
NA	ENSG00000284299	69.1614659	-0.43276813	0.27007192	0.04055922	0.12666377	
NA	ENSG00000284300	0	NA	NA	NA	NA	
100422960	ENSG00000284305	0	NA	NA	NA	NA	MIR3179-1
NA	ENSG00000284306	0	NA	NA	NA	NA	SSU72P2
388963	ENSG00000284308	307.394895	0.17375264	0.13787626	0.17620184	0.37063662	C2orf81
NA	ENSG00000284309	0	NA	NA	NA	NA	
100126351	ENSG00000284310	0	NA	NA	NA	NA	MIR939
102465444	ENSG00000284311	0	NA	NA	NA	NA	MIR6742

102466223	ENSG00000284317	0	NA	NA	NA	NA	MIR7114
406907	ENSG00000284321	0	NA	NA	NA	NA	MIR124-1
100422995	ENSG00000284324	0	NA	NA	NA	NA	MIR3175
100500820	ENSG00000284325	0	NA	NA	NA	NA	MIR3655
NA	ENSG00000284327	0	NA	NA	NA	NA	
NA	ENSG00000284328	0	NA	NA	NA	NA	
407051	ENSG00000284329	0	NA	NA	NA	NA	MIR9-3
100616139	ENSG00000284331	0	NA	NA	NA	NA	MIR4741
100302278	ENSG00000284332	0	NA	NA	NA	NA	MIR1302-2
100616270	ENSG00000284334	0	NA	NA	NA	NA	MIR4651
100313887	ENSG00000284336	0	NA	NA	NA	NA	MIR2277
NA	ENSG00000284337	0.91156524	-0.00602042	0.38128778	0.90873531	NA	
NA	ENSG00000284341	0	NA	NA	NA	NA	
693216	ENSG00000284343	0	NA	NA	NA	NA	MIR631
100313779	ENSG00000284344	0	NA	NA	NA	NA	MIR2117
100126328	ENSG00000284346	0	NA	NA	NA	NA	MIR940
100500858	ENSG00000284351	0	NA	NA	NA	NA	MIR3622A
406934	ENSG00000284353	0	NA	NA	NA	NA	MIR142
407040	ENSG00000284357	0	NA	NA	NA	NA	MIR34A
102465133	ENSG00000284360	0	NA	NA	NA	NA	MIR6125
100616459	ENSG00000284361	0	NA	NA	NA	NA	MIR4745
574500	ENSG00000284362	0	NA	NA	NA	NA	MIR519A2
407009	ENSG00000284363	0	NA	NA	NA	NA	MIR224
102465495	ENSG00000284364	0	NA	NA	NA	NA	MIR6824
100616408	ENSG00000284368	0	NA	NA	NA	NA	MIR5047
100616237	ENSG00000284370	0	NA	NA	NA	NA	MIR4640
102466740	ENSG00000284372	0	NA	NA	NA	NA	MIR6808
NA	ENSG00000284373	0	NA	NA	NA	NA	TAF11L2
406980	ENSG00000284375	0	NA	NA	NA	NA	MIR19B1
NA	ENSG00000284376	0	NA	NA	NA	NA	
105373347	ENSG00000284377	0	NA	NA	NA	NA	
100302285	ENSG00000284378	0	NA	NA	NA	NA	MIR1244-1
100423035	ENSG00000284385	0	NA	NA	NA	NA	MIR4313
100126311	ENSG00000284386	0	NA	NA	NA	NA	MIR147B
407013	ENSG00000284387	0	NA	NA	NA	NA	MIR24-2
100616240	ENSG00000284388	0	NA	NA	NA	NA	MIR4496
105373244	ENSG00000284391	2.1254333	-0.0068428	0.37516109	0.93402365	NA	
NA	ENSG00000284393	0	NA	NA	NA	NA	

100616314	ENSG00000284394	0	NA	NA	NA	NA	MIR4750
105371045	ENSG00000284395	5.12831058	-0.04807637	0.36224548	0.71266853	0.86169546	PERCC1
100423003	ENSG00000284399	0	NA	NA	NA	NA	MIR3184
102465665	ENSG00000284402	0	NA	NA	NA	NA	MIR7107
100847037	ENSG00000284407	0	NA	NA	NA	NA	MIR5001
102465439	ENSG00000284410	0	NA	NA	NA	NA	MIR6733
100422832	ENSG00000284411	0	NA	NA	NA	NA	MIR3191
100616346	ENSG00000284412	0	NA	NA	NA	NA	MIR4649
100302133	ENSG00000284415	0	NA	NA	NA	NA	MIR1287
100302263	ENSG00000284416	0	NA	NA	NA	NA	MIR1908
NA	ENSG00000284418	0	NA	NA	NA	NA	
724033	ENSG00000284419	0	NA	NA	NA	NA	MIR663A
102465667	ENSG00000284421	0	NA	NA	NA	NA	MIR7110
100616248	ENSG00000284424	0	NA	NA	NA	NA	MIR4724
102466877	ENSG00000284425	0	NA	NA	NA	NA	MIR8072
100616124	ENSG00000284427	0	NA	NA	NA	NA	MIR4647
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NA	ENSG00000284430	2.11821724	0.02203944	0.37560004	0.79966398	NA	
NA	ENSG00000284431	16.2917712	0.07276752	0.35587521	0.63181774	0.81371846	
100302137	ENSG00000284433	0	NA	NA	NA	NA	MIR1914
100616403	ENSG00000284435	0	NA	NA	NA	NA	MIR4691
102465524	ENSG00000284436	0	NA	NA	NA	NA	MIR6869
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NA	ENSG00000284439	0	NA	NA	NA	NA	TAF11L3
406906	ENSG00000284440	0	NA	NA	NA	NA	MIR122
100302224	ENSG00000284442	0	NA	NA	NA	NA	MIR2110
406974	ENSG00000284443	0	NA	NA	NA	NA	MIR197
100302242	ENSG00000284446	0	NA	NA	NA	NA	MIR1236
407047	ENSG00000284447	0	NA	NA	NA	NA	MIR9-2
102465248	ENSG00000284448	0	NA	NA	NA	NA	MIR6501
100847052	ENSG00000284450	0	NA	NA	NA	NA	MIR664B
NA	ENSG00000284452	0	NA	NA	NA	NA	
406905	ENSG00000284453	0	NA	NA	NA	NA	MIR1-2
100302240	ENSG00000284458	0	NA	NA	NA	NA	MIR1304
407012	ENSG00000284459	0	NA	NA	NA	NA	MIR24-1
NA	ENSG00000284461	21.3158842	-0.17355998	0.35820386	0.35306586	0.58322456	
442894	ENSG00000284463	0	NA	NA	NA	NA	MIR302B
100302197	ENSG00000284464	0	NA	NA	NA	NA	MIR1306

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102466190	ENSG00000284469	0	NA	NA	NA	NA	MIR6721
100132874	ENSG00000284471	6.54631683	0.2929333	0.51226762	0.06484655	0.18146058	
100616150	ENSG00000284473	0	NA	NA	NA	NA	MIR4720
NA	ENSG00000284474	0	NA	NA	NA	NA	
NA	ENSG00000284479	0	NA	NA	NA	NA	SMIM39
100302138	ENSG00000284481	0	NA	NA	NA	NA	MIR1292
100616113	ENSG00000284482	0	NA	NA	NA	NA	MIR4680
NA	ENSG00000284484	0	NA	NA	NA	NA	
406988	ENSG00000284485	0	NA	NA	NA	NA	MIR205
102465536	ENSG00000284488	0	NA	NA	NA	NA	MIR6890
102465449	ENSG00000284489	0	NA	NA	NA	NA	MIR6751
NA	ENSG00000284490	0	NA	NA	NA	NA	
111644133	ENSG00000284491	3.79315239	0.0775267	0.37694397	0.49846847	0.71624312	THSD8
693149	ENSG00000284498	0	NA	NA	NA	NA	MIR564
574031	ENSG00000284499	0	NA	NA	NA	NA	MIR363
NA	ENSG00000284500	0	NA	NA	NA	NA	
100500842	ENSG00000284503	0	NA	NA	NA	NA	MIR3652
111188157	ENSG00000284505	3.53064887	-0.00033491	0.36715641	0.99570901	0.99852582	LYNX1-SLURP2
406923	ENSG00000284508	0	NA	NA	NA	NA	MIR133A2
NA	ENSG00000284512	11.763278	-0.10468482	0.35282443	0.52153964	0.73489677	
NA	ENSG00000284513	0	NA	NA	NA	NA	
105377307	ENSG00000284516	0	NA	NA	NA	NA	VAMP9P
102466754	ENSG00000284517	0	NA	NA	NA	NA	MIR6873
100616439	ENSG00000284518	0	NA	NA	NA	NA	MIR4658
102466270	ENSG00000284519	0	NA	NA	NA	NA	MIR6741
406884	ENSG00000284520	0	NA	NA	NA	NA	MIRLET7B
NA	ENSG00000284522	0	NA	NA	NA	NA	
NA	ENSG00000284523	12.2018268	0.16771229	0.38771269	0.29797445	0.52474818	
100616453	ENSG00000284525	0	NA	NA	NA	NA	MIR4687
NA	ENSG00000284526	22.274561	-0.22062402	0.37584135	0.2588946	0.48036523	
100616388	ENSG00000284532	0	NA	NA	NA	NA	MIR4723
NA	ENSG00000284534	0	NA	NA	NA	NA	
102465448	ENSG00000284535	0	NA	NA	NA	NA	MIR6748
406952	ENSG00000284536	0	NA	NA	NA	NA	MIR17
407049	ENSG00000284538	0	NA	NA	NA	NA	MIR92A2
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100616487	ENSG00000284541	0	NA	NA	NA	NA	MIR4517

100500827	ENSG00000284542	0	NA	NA	NA	NA	MIR3614
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NA	ENSG00000284546	0	NA	NA	NA	NA	SSU72P3
100422910	ENSG00000284547	0	NA	NA	NA	NA	MIR2861
102466252	ENSG00000284550	0	NA	NA	NA	NA	MIR8069-1
102465534	ENSG00000284553	0	NA	NA	NA	NA	MIR6886
NA	ENSG00000284554	0.86562001	-0.0370931	0.38692692	0.35638876	NA	
NA	ENSG00000284558	0	NA	NA	NA	NA	
100616387	ENSG00000284564	0	NA	NA	NA	NA	MIR3064
574411	ENSG00000284565	0	NA	NA	NA	NA	MIR451A
407008	ENSG00000284567	0	NA	NA	NA	NA	MIR223
100616185	ENSG00000284568	0	NA	NA	NA	NA	MIR371B
102466854	ENSG00000284570	0	NA	NA	NA	NA	MIR7705
NA	ENSG00000284572	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
102465472	ENSG00000284574	0	NA	NA	NA	NA	MIR6787
100616112	ENSG00000284575	0	NA	NA	NA	NA	MIR4793
100126325	ENSG00000284583	0	NA	NA	NA	NA	MIR935
100847026	ENSG00000284584	0	NA	NA	NA	NA	MIR5006
100616167	ENSG00000284585	0	NA	NA	NA	NA	MIR4722
693235	ENSG00000284586	0	NA	NA	NA	NA	MIR92B
100126332	ENSG00000284587	0	NA	NA	NA	NA	MIR943
NA	ENSG00000284591	0	NA	NA	NA	NA	
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102465993	ENSG00000284594	0	NA	NA	NA	NA	MIR7847
102466911	ENSG00000284595	0	NA	NA	NA	NA	MIR6785
100616367	ENSG00000284596	0	NA	NA	NA	NA	MIR4467
NA	ENSG00000284600	6.42296524	-0.07963799	0.3684118	0.54786293	0.75451702	
105378736	ENSG00000284601	0	NA	NA	NA	NA	
NA	ENSG00000284602	19.3712511	-0.27777789	0.38454591	0.18975601	0.39090014	
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NA	ENSG00000284604	0	NA	NA	NA	NA	
NA	ENSG00000284605	0	NA	NA	NA	NA	
NA	ENSG00000284606	4.93939716	0.00804854	0.36458073	0.94751474	0.97852939	
105374988	ENSG00000284607	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000284608	0	NA	NA	NA	NA	
390271	ENSG00000284609	0	NA	NA	NA	NA	OR8B3
NA	ENSG00000284610	31.6113657	-1.04816582	0.63331224	0.00567151	0.02589109	

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NA	ENSG00000284615	0	NA	NA	NA	NA	
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NA	ENSG00000284619	0	NA	NA	NA	NA	
NA	ENSG00000284620	5.60877846	-0.04939086	0.3603125	0.71358407	0.86192204	
NA	ENSG00000284621	0	NA	NA	NA	NA	
NA	ENSG00000284622	0	NA	NA	NA	NA	SCYGR10
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NA	ENSG00000284624	14.6011906	0.15117293	0.35675342	0.40213171	0.63039611	
NA	ENSG00000284625	0	NA	NA	NA	NA	
NA	ENSG00000284626	17.3701811	0.27362976	0.40026094	0.18491751	0.38376187	
NA	ENSG00000284627	0	NA	NA	NA	NA	
NA	ENSG00000284628	0	NA	NA	NA	NA	
NA	ENSG00000284629	0	NA	NA	NA	NA	SCYGR1
NA	ENSG00000284630	3.09232187	0.0616658	0.37814035	0.53475486	0.74572704	
NA	ENSG00000284631	0	NA	NA	NA	NA	SCYGR4
NA	ENSG00000284632	0	NA	NA	NA	NA	
NA	ENSG00000284633	0	NA	NA	NA	NA	
NA	ENSG00000284634	57.3771367	-0.30562505	0.32288123	0.15944413	0.34700764	
NA	ENSG00000284635	0	NA	NA	NA	NA	SCYGR8
NA	ENSG00000284636	0	NA	NA	NA	NA	
NA	ENSG00000284637	0	NA	NA	NA	NA	
NA	ENSG00000284638	0	NA	NA	NA	NA	
NA	ENSG00000284639	0.90419472	-0.03873466	0.3871499	0.33610152	NA	
NA	ENSG00000284640	0	NA	NA	NA	NA	
NA	ENSG00000284641	0	NA	NA	NA	NA	
NA	ENSG00000284642	14.1897481	-0.30782755	0.4531839	0.12663081	0.29633821	
NA	ENSG00000284643	0	NA	NA	NA	NA	SCYGR2
NA	ENSG00000284644	0	NA	NA	NA	NA	
NA	ENSG00000284645	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000284646	0	NA	NA	NA	NA	
NA	ENSG00000284648	0	NA	NA	NA	NA	
NA	ENSG00000284649	0.46824962	-0.0079969	0.38327245	0.86096576	NA	

NA	ENSG00000284650	0.44931959	-0.02727943	0.38571141	0.562258	NA	
NA	ENSG00000284651	0	NA	NA	NA	NA	
NA	ENSG00000284652	4.60005589	-0.00413854	0.36111385	0.97118429	0.98918303	
NA	ENSG00000284653	0	NA	NA	NA	NA	
NA	ENSG00000284654	0	NA	NA	NA	NA	
NA	ENSG00000284655	0	NA	NA	NA	NA	
NA	ENSG00000284656	0	NA	NA	NA	NA	
NA	ENSG00000284657	2.86872871	-0.20112206	0.45577316	0.0278843	0.0946978	
NA	ENSG00000284659	0	NA	NA	NA	NA	
NA	ENSG00000284660	0	NA	NA	NA	NA	
NA	ENSG00000284661	0	NA	NA	NA	NA	
81399	ENSG00000284662	0	NA	NA	NA	NA	OR4F16
NA	ENSG00000284663	0	NA	NA	NA	NA	
NA	ENSG00000284664	7.3004292	0.11717552	0.36924562	0.44438922	0.66929948	
NA	ENSG00000284665	0	NA	NA	NA	NA	
NA	ENSG00000284666	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000284667	0	NA	NA	NA	NA	SCYGR5
105376673	ENSG00000284668	0	NA	NA	NA	NA	LINC02780
NA	ENSG00000284669	1.82009409	0.01907386	0.37813317	0.79885033	NA	
NA	ENSG00000284670	0.18922458	0.01954053	0.38488496	0.78225479	NA	RPSAP56
NA	ENSG00000284671	0	NA	NA	NA	NA	
NA	ENSG00000284672	0.70406155	0.05122625	0.38859327	0.29616985	NA	
NA	ENSG00000284673	0	NA	NA	NA	NA	
105376680	ENSG00000284674	0	NA	NA	NA	NA	LINC02781
NA	ENSG00000284675	0.95358926	-0.01510531	0.38158613	0.77831349	NA	
NA	ENSG00000284676	0.50590997	0.01465593	0.38308553	0.74877065	NA	
NA	ENSG00000284677	0	NA	NA	NA	NA	
NA	ENSG00000284678	0	NA	NA	NA	NA	LINC02811
NA	ENSG00000284679	0	NA	NA	NA	NA	
26595	ENSG00000284680	0	NA	NA	NA	NA	OR8B2
NA	ENSG00000284682	0	NA	NA	NA	NA	
NA	ENSG00000284684	0	NA	NA	NA	NA	
NA	ENSG00000284685	12.2131359	-0.28167762	0.43911645	0.14898561	0.33152472	
NA	ENSG00000284686	25.5983046	0.12971752	0.31607962	0.50461317	0.72111066	
NA	ENSG00000284687	0	NA	NA	NA	NA	
NA	ENSG00000284688	0	NA	NA	NA	NA	BTN1A1P1
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100130520	ENSG00000284690	0	NA	NA	NA	NA	CD300H

	NA	ENSG00000284691	155.289165	0.14283136	0.18198135	0.37388752	0.60293654	
	NA	ENSG00000284692	0	NA	NA	NA	NA	
100506022	NA	ENSG00000284693	22.3172544	0.02287923	0.31171223	0.90269006	0.95736199	LINC02606
	NA	ENSG00000284694	0	NA	NA	NA	NA	
	NA	ENSG00000284695	0	NA	NA	NA	NA	
105378712	NA	ENSG00000284696	0	NA	NA	NA	NA	LINC02808
	NA	ENSG00000284697	4.30487261	-0.07833827	0.38126321	0.44562403	0.67028199	
	NA	ENSG00000284698	0	NA	NA	NA	NA	
	NA	ENSG00000284699	0	NA	NA	NA	NA	
	NA	ENSG00000284700	0	NA	NA	NA	NA	
388946	NA	ENSG00000284701	0	NA	NA	NA	NA	TMEM247
	NA	ENSG00000284702	0	NA	NA	NA	NA	
	NA	ENSG00000284703	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000284704	0	NA	NA	NA	NA	SCYGR3
	NA	ENSG00000284705	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000284706	0	NA	NA	NA	NA	
	NA	ENSG00000284707	851.503934	0.42582024	0.11521024	0.0001058	0.00080022	
	NA	ENSG00000284708	0.49659491	-0.02954544	0.3859062	0.52492465	NA	
	NA	ENSG00000284709	0.88759711	0.06404567	0.39113129	0.20527472	NA	
	NA	ENSG00000284710	0	NA	NA	NA	NA	
	NA	ENSG00000284711	0	NA	NA	NA	NA	
107984345	NA	ENSG00000284713	11.3763507	-0.0527668	0.3384855	0.74918832	0.88205755	SMIM38
	NA	ENSG00000284715	0	NA	NA	NA	NA	
	NA	ENSG00000284716	0	NA	NA	NA	NA	
	NA	ENSG00000284717	0	NA	NA	NA	NA	
	NA	ENSG00000284718	0	NA	NA	NA	NA	SCYGR7
	NA	ENSG00000284719	2.23605505	-0.06814076	0.38454206	0.40324984	NA	
	NA	ENSG00000284720	0	NA	NA	NA	NA	
	NA	ENSG00000284721	0	NA	NA	NA	NA	
	NA	ENSG00000284722	0.36243367	0.00097355	0.38336482	0.96661039	NA	
	NA	ENSG00000284723	0	NA	NA	NA	NA	OR8S1
	NA	ENSG00000284724	0	NA	NA	NA	NA	
	NA	ENSG00000284725	0	NA	NA	NA	NA	SCYGR6
	NA	ENSG00000284726	4.00612407	0.02893955	0.36474882	0.81175391	0.91472316	
	NA	ENSG00000284727	0.16735865	0.01897177	0.38482933	0.78225479	NA	
	NA	ENSG00000284728	0	NA	NA	NA	NA	
112163659	NA	ENSG00000284730	2.68327228	0.03419953	0.37839141	0.66989417	0.83753108	TMDD1
	NA	ENSG00000284731	0	NA	NA	NA	NA	

NA	ENSG00000284732	0	NA	NA	NA	NA	
729759	ENSG00000284733	0	NA	NA	NA	NA	OR4F29
NA	ENSG00000284734	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000284735	10.6446619	-0.38589437	0.57207719	0.05828534	0.16750367	
NA	ENSG00000284736	0	NA	NA	NA	NA	RNA5SP343
101928059	ENSG00000284738	13.558553	0.00989165	0.32820471	0.95600115	0.98188817	
NA	ENSG00000284739	0	NA	NA	NA	NA	
NA	ENSG00000284740	2.36972491	-0.02915483	0.3792792	0.69012571	NA	
50940	ENSG00000284741	0	NA	NA	NA	NA	
NA	ENSG00000284742	0	NA	NA	NA	NA	OR11PIP
NA	ENSG00000284743	0	NA	NA	NA	NA	
NA	ENSG00000284744	0	NA	NA	NA	NA	
NA	ENSG00000284745	0	NA	NA	NA	NA	
NA	ENSG00000284746	0	NA	NA	NA	NA	
NA	ENSG00000284747	11.9924565	-0.01335697	0.33860368	0.93147315	0.97149202	
NA	ENSG00000284748	0	NA	NA	NA	NA	
110599564	ENSG00000284753	114.935441	-0.29150669	0.21317255	0.10414003	0.25686895	EEF1AKMT4
8622	ENSG00000284762	5.85021826	0.03912516	0.36596872	0.7480454	0.88173637	
NA	ENSG00000284763	0	NA	NA	NA	NA	
6905	ENSG00000284770	623.080057	-0.33327518	0.10682544	0.00112083	0.00651078	TBCE
NA	ENSG00000284772	0.75689831	0.03380966	0.38651369	0.3822658	NA	
NA	ENSG00000284773	41.5953975	0.44727516	0.41814866	0.0709467	0.19345554	
NA	ENSG00000284776	259.816848	-0.00183004	0.14431416	0.98803442	0.99589897	
NA	ENSG00000284779	1.21186802	-0.04870754	0.38870204	0.23295075	NA	
NA	ENSG00000284783	0.68211779	0.04059968	0.38717316	0.35759994	NA	
NA	ENSG00000284788	0	NA	NA	NA	NA	
113523638	ENSG00000284791	0	NA	NA	NA	NA	SMIM41
729966	ENSG00000284797	0	NA	NA	NA	NA	
NA	ENSG00000284800	0	NA	NA	NA	NA	
NA	ENSG00000284803	0	NA	NA	NA	NA	
NA	ENSG00000284808	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000284809	0	NA	NA	NA	NA	
NA	ENSG00000284820	109.068256	0.10462648	0.21666793	0.56040453	0.76415299	
NA	ENSG00000284823	0	NA	NA	NA	NA	
NA	ENSG00000284825	0.65785638	0.02052179	0.38371801	0.63311365	NA	
NA	ENSG00000284829	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
101928718	ENSG00000284830	5.71005247	0.15886158	0.40824482	0.20896041	0.41699602	
NA	ENSG00000284834	0	NA	NA	NA	NA	

339166	ENSG00000284837	0	NA	NA	NA	NA	
NA	ENSG00000284839	0	NA	NA	NA	NA	
NA	ENSG00000284840	0	NA	NA	NA	NA	
NA	ENSG00000284842	0.76212873	-0.02288198	0.38372141	0.60951288	NA	FAM91A2P
NA	ENSG00000284844	1.00415192	0.04322574	0.38779947	0.2717111	NA	
NA	ENSG00000284846	0	NA	NA	NA	NA	
NA	ENSG00000284847	0	NA	NA	NA	NA	
101927464	ENSG00000284848	0	NA	NA	NA	NA	LINC02359
NA	ENSG00000284858	0	NA	NA	NA	NA	
339829	ENSG00000284862	111.529894	-0.0006403	0.19486672	0.99563694	0.99852582	CCDC39
NA	ENSG00000284873	0	NA	NA	NA	NA	OOSP1
NA	ENSG00000284874	1019.62401	-0.40770861	0.10307982	3.88E-05	0.00032659	
NA	ENSG00000284876	0	NA	NA	NA	NA	
NA	ENSG00000284879	80.1201104	-0.07270835	0.23234968	0.69379638	0.85189505	
NA	ENSG00000284882	1.2249117	0.05626205	0.3847626	0.41648581	NA	
NA	ENSG00000284883	0	NA	NA	NA	NA	
NA	ENSG00000284892	0	NA	NA	NA	NA	OR4H6P
NA	ENSG00000284895	0	NA	NA	NA	NA	
NA	ENSG00000284902	0.51716852	0.01740952	0.38328923	0.71277553	NA	
NA	ENSG00000284906	142.607022	0.21182211	0.20187945	0.21980114	0.43189606	
NA	ENSG00000284914	0	NA	NA	NA	NA	
110599583	ENSG00000284917	0	NA	NA	NA	NA	EEF1AKMT4-ECE2
220074	ENSG00000284922	33.2108533	0.16120362	0.2974155	0.42367818	0.64959604	
NA	ENSG00000284928	0.18922458	0.01954053	0.38488496	0.78225479	NA	
101928143	ENSG00000284930	3.87002904	-0.05619538	0.37696405	0.56815358	0.76919502	
NA	ENSG00000284931	0	NA	NA	NA	NA	
NA	ENSG00000284932	0	NA	NA	NA	NA	
NA	ENSG00000284934	178.503824	0.08052087	0.18761221	0.62411175	0.80835469	
NA	ENSG00000284946	830.074907	-0.1933663	0.10249829	0.04970748	0.14834779	
254896	ENSG00000284948	0.82461574	0.01418887	0.38179066	0.78349566	NA	
NA	ENSG00000284951	0	NA	NA	NA	NA	
NA	ENSG00000284952	1.17151057	0.04905867	0.3887731	0.21859307	NA	
100507547	ENSG00000284954	12.0858416	-0.04624358	0.33795116	0.77816166	0.8983839	
NA	ENSG00000284956	0	NA	NA	NA	NA	
NA	ENSG00000284957	0	NA	NA	NA	NA	
NA	ENSG00000284959	11.0572717	0.10069496	0.35137982	0.54602432	0.75333225	
NA	ENSG00000284964	0	NA	NA	NA	NA	
NA	ENSG00000284966	43.5912548	1.29488193	0.63693146	0.0020787	0.01105077	

	NA	ENSG00000284968	4.69975744	-0.13085659	0.39820496	0.24909399	0.46846413	
	NA	ENSG00000284969	0	NA	NA	NA	NA	
	NA	ENSG00000284976	58.201597	0.1056079	0.39658029	0.23053413	0.44648547	
	NA	ENSG00000284977	1.39833683	0.09117442	0.39616735	0.15719859	NA	
107983993		ENSG00000284981	204.267276	0.32915473	0.16323533	0.02597593	0.08972187	UPK3BL2
	NA	ENSG00000284985	0	NA	NA	NA	NA	
	NA	ENSG00000284986	0	NA	NA	NA	NA	
	NA	ENSG00000284987	0.78980912	-0.04507899	0.38780683	0.32721442	NA	
727924		ENSG00000284988	0	NA	NA	NA	NA	LINC02203
	NA	ENSG00000284989	0	NA	NA	NA	NA	
	NA	ENSG00000284994	0.34045735	-0.00013971	0.38336222	0.96657694	NA	
	NA	ENSG00000284999	0	NA	NA	NA	NA	
	NA	ENSG00000285000	8.57935758	-0.03847111	0.38665403	0.27777364	0.5022529	
	NA	ENSG00000285006	0.50565615	-0.01332257	0.38353042	0.77769421	NA	
	NA	ENSG00000285010	0	NA	NA	NA	NA	OOSP4A
	NA	ENSG00000285012	0	NA	NA	NA	NA	
	NA	ENSG00000285016	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000285018	5.10933746	-0.01662934	0.36467173	0.88550273	0.95010405	
	NA	ENSG00000285020	0	NA	NA	NA	NA	
	NA	ENSG00000285025	0	NA	NA	NA	NA	
	NA	ENSG00000285030	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000285035	14.8230409	0.05906017	0.33402242	0.73241231	0.87210781	
	NA	ENSG00000285040	0	NA	NA	NA	NA	
	NA	ENSG00000285041	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
	NA	ENSG00000285042	0	NA	NA	NA	NA	
112694756		ENSG00000285043	727.277175	-0.4105641	0.11051945	0.00010209	0.00077482	
	NA	ENSG00000285045	0	NA	NA	NA	NA	
101928583		ENSG00000285051	1.25289642	-0.06413367	0.38829991	0.27538257	NA	SLC7A14-AS1
6905		ENSG00000285053	436.60001	-0.09818233	0.1198403	0.38649001	0.61565323	TBCE
	NA	ENSG00000285057	0	NA	NA	NA	NA	
	NA	ENSG00000285062	0	NA	NA	NA	NA	
	NA	ENSG00000285064	0	NA	NA	NA	NA	
	NA	ENSG00000285068	0	NA	NA	NA	NA	
89839		ENSG00000285077	181.67886	-0.35790835	0.1808209	0.02527809	0.0878468	ARHGAP11B
	NA	ENSG00000285079	0	NA	NA	NA	NA	
	NA	ENSG00000285080	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000285081	0.53027241	0.03939888	0.38680911	0.41709277	NA	
	NA	ENSG00000285082	19.8253615	4.05859536	0.78569014	2.68E-08	3.81E-07	

NA	ENSG00000285085	14.1383044	0.22013191	0.40969716	0.21196628	0.4215951	
NA	ENSG00000285090	0	NA	NA	NA	NA	
NA	ENSG00000285091	1.86566113	0.08739215	0.39306334	0.23090007	NA	
NA	ENSG00000285094	0	NA	NA	NA	NA	LINC01488
NA	ENSG00000285095	2.84713599	0.0984573	0.3907668	0.28800732	0.5137162	
NA	ENSG00000285100	0	NA	NA	NA	NA	
NA	ENSG00000285102	0	NA	NA	NA	NA	
NA	ENSG00000285103	85.8733542	-0.05632691	0.21535407	0.75282749	0.8843065	
NA	ENSG00000285106	8.28611406	0.2150837	0.43386876	0.15250788	0.33701897	
NA	ENSG00000285108	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000285115	0	NA	NA	NA	NA	
NA	ENSG00000285116	0	NA	NA	NA	NA	OR4H6BP
NA	ENSG00000285117	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000285122	0	NA	NA	NA	NA	PIGY-DT
NA	ENSG00000285128	0	NA	NA	NA	NA	
NA	ENSG00000285130	64.3002656	0.18325764	0.32569736	0.36189069	0.59157216	
NA	ENSG00000285133	0	NA	NA	NA	NA	
NA	ENSG00000285135	0	NA	NA	NA	NA	OR4Q1P
NA	ENSG00000285142	0	NA	NA	NA	NA	
NA	ENSG00000285144	0	NA	NA	NA	NA	
NA	ENSG00000285151	4.13712657	0.19586071	0.43410591	0.12447015	0.29255867	
NA	ENSG00000285155	0	NA	NA	NA	NA	
NA	ENSG00000285159	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285160	15.3557631	0.03739246	0.32869928	0.83124231	0.92375777	THSD1P1
1124	ENSG00000285162	5.71048134	0.11594944	0.38321251	0.37525608	0.60449338	
NA	ENSG00000285163	0	NA	NA	NA	NA	
NA	ENSG00000285165	0	NA	NA	NA	NA	
NA	ENSG00000285169	0	NA	NA	NA	NA	
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NA	ENSG00000285177	0	NA	NA	NA	NA	
NA	ENSG00000285179	0	NA	NA	NA	NA	
NA	ENSG00000285184	129.606247	-0.06484255	0.20138845	0.70483564	0.85803894	
NA	ENSG00000285188	68.8528285	-0.35231594	0.27098881	0.08977468	0.2301796	
NA	ENSG00000285190	12.5909678	0.14816799	0.37215039	0.37311369	0.60212913	
NA	ENSG00000285191	0	NA	NA	NA	NA	
NA	ENSG00000285201	0	NA	NA	NA	NA	
NA	ENSG00000285205	10.9470869	0.14376288	0.36781999	0.39314124	0.62217456	
NA	ENSG00000285210	0.33410177	0.00489494	0.38344114	0.93324204	NA	LINC02795

NA	ENSG00000285212	1.08338438	-0.05627384	0.38682611	0.33737349	NA	
NA	ENSG00000285215	0	NA	NA	NA	NA	
NA	ENSG00000285216	0	NA	NA	NA	NA	
NA	ENSG00000285218	0	NA	NA	NA	NA	
100506207	ENSG00000285219	27.3312377	0.12107717	0.30767705	0.53588828	0.74657844	HULC
NA	ENSG00000285220	0	NA	NA	NA	NA	
NA	ENSG00000285228	0	NA	NA	NA	NA	
101926888	ENSG00000285230	55.7245145	-0.27259568	0.30857224	0.19872201	0.4031334	RALY-AS1
112577461	ENSG00000285231	0	NA	NA	NA	NA	OOSP3
NA	ENSG00000285237	0.16735865	0.01897177	0.38482933	0.78225479	NA	PRSS52P
NA	ENSG00000285238	11.5201946	-0.02799798	0.38138918	0.64770273	0.82431548	
NA	ENSG00000285239	0	NA	NA	NA	NA	
108783646	ENSG00000285244	2.34680772	0.0273855	0.37721697	0.73893987	NA	DINOL
NA	ENSG00000285245	21.9009354	-0.02007764	0.38112628	0.72691565	0.86953012	
54816	ENSG00000285253	21.7905001	0.09365978	0.32574732	0.61208454	0.80008943	
NA	ENSG00000285254	0.71334474	0.0420553	0.3873753	0.34125643	NA	
NA	ENSG00000285257	4.55862763	-0.01923679	0.36240962	0.87491809	0.94487915	
NA	ENSG00000285268	0	NA	NA	NA	NA	
11046	ENSG00000285269	0.81542993	-0.03212774	0.38394919	0.52764493	NA	
109729173	ENSG00000285278	6.28491944	-0.14299236	0.38636989	0.32689721	0.55525384	
NA	ENSG00000285280	0.82763666	0.01070071	0.38092371	0.84820368	NA	
NA	ENSG00000285283	0.7534956	-0.03327829	0.38646938	0.40782637	NA	
NA	ENSG00000285287	0.18922458	0.01954053	0.38488496	0.78225479	NA	
114483834	ENSG00000285292	525.221062	0.02679638	0.12356445	0.82028237	0.91817957	ABCF2-H2BE1
643650	ENSG00000285294	1.02608344	0.05671547	0.38711172	0.32313118	NA	LINC00842
NA	ENSG00000285300	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000285303	0	NA	NA	NA	NA	
NA	ENSG00000285304	111.047525	-0.06093885	0.23157669	0.74103441	0.87768627	
NA	ENSG00000285314	0	NA	NA	NA	NA	
NA	ENSG00000285323	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000285325	0	NA	NA	NA	NA	
NA	ENSG00000285329	10.0119182	-0.01451995	0.37939838	0.82164661	0.91847813	
NA	ENSG00000285330	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
145783	ENSG00000285331	212.540028	0.28314249	0.16358585	0.05568122	0.16176825	
101928882	ENSG00000285336	0	NA	NA	NA	NA	
NA	ENSG00000285338	6.85533593	-0.08921252	0.36541726	0.53290707	0.74405906	
NA	ENSG00000285347	0	NA	NA	NA	NA	
NA	ENSG00000285354	0	NA	NA	NA	NA	

NA	ENSG00000285361	0.34696883	0.00056652	0.38336289	0.96309824	NA	
NA	ENSG00000285366	0	NA	NA	NA	NA	
NA	ENSG00000285367	0	NA	NA	NA	NA	
100505984	ENSG00000285373	0	NA	NA	NA	NA	LINC02478
NA	ENSG00000285374	0	NA	NA	NA	NA	
NA	ENSG00000285382	36.0770178	-0.03001714	0.28776869	0.87374093	0.94441388	
NA	ENSG00000285388	0	NA	NA	NA	NA	
NA	ENSG00000285398	0	NA	NA	NA	NA	
NA	ENSG00000285401	0	NA	NA	NA	NA	
NA	ENSG00000285402	0.32445905	0.00135493	0.3833682	0.9673327	NA	
NA	ENSG00000285404	0	NA	NA	NA	NA	
NA	ENSG00000285405	0	NA	NA	NA	NA	OR11J6P
NA	ENSG00000285407	0	NA	NA	NA	NA	
NA	ENSG00000285409	0	NA	NA	NA	NA	
55056	ENSG00000285410	698.604022	-0.00093972	0.09744744	0.99036866	0.99675646	GABPB1-IT1
101928168	ENSG00000285412	0	NA	NA	NA	NA	
NA	ENSG00000285413	0.54628823	0.03262329	0.38620557	0.45594453	NA	
NA	ENSG00000285416	0	NA	NA	NA	NA	
NA	ENSG00000285417	0	NA	NA	NA	NA	
NA	ENSG00000285420	0	NA	NA	NA	NA	PDGFRL2P
NA	ENSG00000285424	0	NA	NA	NA	NA	
100129518	ENSG00000285427	31.3310314	-0.07614334	0.29239472	0.69169338	0.85089265	SOD2-OT1
548644	ENSG00000285437	639.016535	0.16935709	0.11426082	0.12008646	0.28533117	POLR2J3
NA	ENSG00000285444	0	NA	NA	NA	NA	
NA	ENSG00000285445	0	NA	NA	NA	NA	TUSC2P2
NA	ENSG00000285446	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000285448	0	NA	NA	NA	NA	
NA	ENSG00000285454	10.1433631	0.00128156	0.34462277	0.99551684	0.99852582	
NA	ENSG00000285458	4.80398404	0.03654544	0.36372331	0.77140646	0.89516899	
NA	ENSG00000285462	0	NA	NA	NA	NA	LINC02792
NA	ENSG00000285467	3.65973791	-0.02862276	0.37019774	0.7849401	0.90211502	
NA	ENSG00000285470	0	NA	NA	NA	NA	TUSC2P1
NA	ENSG00000285471	0	NA	NA	NA	NA	
NA	ENSG00000285472	0	NA	NA	NA	NA	
NA	ENSG00000285473	0	NA	NA	NA	NA	
NA	ENSG00000285476	0.16735865	0.01897177	0.38482933	0.78225479	NA	
114483833	ENSG00000285480	0.15069912	-0.01848503	0.38480575	0.84537521	NA	H2BE1
NA	ENSG00000285483	0	NA	NA	NA	NA	

	NA	ENSG00000285486	0.77339162	-0.05552358	0.38931393	0.27965178	NA	
	NA	ENSG00000285491	0	NA	NA	NA	NA	OR1Q1BP
112267968	NA	ENSG00000285492	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000285498	0	NA	NA	NA	NA	
	NA	ENSG00000285505	144.098648	-0.91333118	0.75902846	0.012452	0.04966782	
	NA	ENSG00000285508	0	NA	NA	NA	NA	
	NA	ENSG00000285509	17.8357472	0.25163742	0.39186624	0.2100669	0.41859431	TBCEL-TECTA
	NA	ENSG00000285513	0	NA	NA	NA	NA	
	NA	ENSG00000285517	6.92290044	0.04634719	0.37200076	0.65959153	0.83124537	
	NA	ENSG00000285518	2.22725772	-0.12855453	0.40642703	0.15274394	NA	
	NA	ENSG00000285519	0	NA	NA	NA	NA	
	NA	ENSG00000285520	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000285521	0.6725322	0.00194051	0.38187707	0.96624857	NA	
	NA	ENSG00000285522	0	NA	NA	NA	NA	
	NA	ENSG00000285523	0.173733	0.01914545	0.38484597	0.78225479	NA	
	NA	ENSG00000285524	0.37844916	0.02407552	0.3854191	0.60038877	NA	
	NA	ENSG00000285525	0	NA	NA	NA	NA	
5349	NA	ENSG00000285526	0	NA	NA	NA	NA	
	NA	ENSG00000285527	0.362329	0.00084903	0.3833641	0.96778224	NA	
	NA	ENSG00000285528	2.37901626	-0.12442863	0.40582904	0.1442707	NA	
	NA	ENSG00000285529	0	NA	NA	NA	NA	
	NA	ENSG00000285530	2.5532012	-0.00468012	0.37597406	0.9519909	NA	
	NA	ENSG00000285531	5.95805529	-0.11287986	0.37741245	0.41237219	0.64005916	
	NA	ENSG00000285532	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC02788
105369347	NA	ENSG00000285533	52.4606985	0.28455179	0.27607993	0.16874211	0.36013807	RELA-DT
	NA	ENSG00000285534	0.37844916	0.02407552	0.3854191	0.60038877	NA	
	NA	ENSG00000285535	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000285536	0	NA	NA	NA	NA	LINC02838
	NA	ENSG00000285537	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000285538	0	NA	NA	NA	NA	
	NA	ENSG00000285539	0	NA	NA	NA	NA	
	NA	ENSG00000285540	0	NA	NA	NA	NA	
	NA	ENSG00000285541	0	NA	NA	NA	NA	
	NA	ENSG00000285542	14.7778823	-0.05475042	0.345578	0.72794876	0.86992552	
	NA	ENSG00000285543	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
	NA	ENSG00000285544	0	NA	NA	NA	NA	
	NA	ENSG00000285545	0.64116647	-0.02472658	0.38291319	0.64099507	NA	
	NA	ENSG00000285547	31.8658516	-0.17355072	0.35539934	0.35639923	0.58641239	

NA	ENSG00000285548	0	NA	NA	NA	NA
NA	ENSG00000285549	0	NA	NA	NA	NA
NA	ENSG00000285550	0	NA	NA	NA	NA
NA	ENSG00000285551	0.34624801	-0.02356563	0.38536324	0.65270996	NA
NA	ENSG00000285552	0	NA	NA	NA	NA
NA	ENSG00000285553	0	NA	NA	NA	NA
NA	ENSG00000285554	2.27982575	0.03287224	0.37662622	0.70609231	NA
NA	ENSG00000285555	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000285556	0	NA	NA	NA	NA
NA	ENSG00000285557	0	NA	NA	NA	NA
NA	ENSG00000285558	0.29863895	-0.02292439	0.3852726	0.68753245	NA
NA	ENSG00000285559	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000285560	3.68871778	0.01163015	0.36742725	0.91786253	0.9652015
NA	ENSG00000285561	0	NA	NA	NA	NA
NA	ENSG00000285562	0	NA	NA	NA	NA
NA	ENSG00000285563	0	NA	NA	NA	NA
NA	ENSG00000285564	5.25519981	0.30397614	0.5373846	0.04455625	0.13608807
NA	ENSG00000285565	4.74490665	0.09440232	0.39313657	0.2540031	0.47451017
647264	ENSG00000285566	0	NA	NA	NA	NA
NA	ENSG00000285567	0.33471731	0.02354391	0.38534154	0.62842204	NA
NA	ENSG00000285568	0	NA	NA	NA	NA
NA	ENSG00000285569	1.45287156	0.02372685	0.37874958	0.74574238	NA
NA	ENSG00000285570	11.8915469	0.22104046	0.40530827	0.22117588	0.43373822
NA	ENSG00000285571	62.84327	-0.07000776	0.2471517	0.71104309	0.86118643
NA	ENSG00000285572	0.44795842	-0.02501848	0.38558245	0.5807882	NA
NA	ENSG00000285573	0	NA	NA	NA	NA
NA	ENSG00000285575	0	NA	NA	NA	NA
112268117	ENSG00000285576	0	NA	NA	NA	NA
NA	ENSG00000285577	0	NA	NA	NA	NA
NA	ENSG00000285578	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000285579	15.3130697	-0.05168203	0.32617262	0.76839981	0.89324733
NA	ENSG00000285580	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000285581	1.84812228	-0.10908144	0.4021968	0.11666552	NA
NA	ENSG00000285582	1.03791755	0.0055612	0.37997033	0.92734068	NA
NA	ENSG00000285583	6.19016499	-0.13114194	0.38429003	0.34837446	0.57911259
NA	ENSG00000285584	0	NA	NA	NA	NA
NA	ENSG00000285585	1.43671364	0.07853851	0.39527103	0.10523329	NA
NA	ENSG00000285586	0.45061487	-0.02734269	0.38571658	0.56118657	NA

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NA	ENSG00000285589	355.267406	0.26095562	0.12439756	0.02619477	0.09030481	
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NA	ENSG00000285591	0	NA	NA	NA	NA	
NA	ENSG00000285592	0	NA	NA	NA	NA	
NA	ENSG00000285593	0	NA	NA	NA	NA	
112268216	ENSG00000285594	0	NA	NA	NA	NA	LINC02856
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NA	ENSG00000285596	39.2723828	-0.0246788	0.26832271	0.8966317	0.95469109	
NA	ENSG00000285597	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000285598	0	NA	NA	NA	NA	
NA	ENSG00000285599	0.85996855	0.03754393	0.38474755	0.45326468	NA	
NA	ENSG00000285600	20.3835516	-0.37267097	0.43932021	0.10640829	0.26082782	
NA	ENSG00000285601	10.1685218	-0.1939939	0.38917636	0.27046555	0.49374646	
NA	ENSG00000285602	4.38214253	-0.06433562	0.37014059	0.59614585	0.78832911	
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NA	ENSG00000285607	0	NA	NA	NA	NA	FAM90A9P
NA	ENSG00000285608	33.545218	-0.01826075	0.38417594	0.59311856	0.78711401	
NA	ENSG00000285609	0	NA	NA	NA	NA	
NA	ENSG00000285610	0	NA	NA	NA	NA	
NA	ENSG00000285611	0	NA	NA	NA	NA	
NA	ENSG00000285612	10.8727742	0.03758415	0.3522437	0.79946471	0.90803676	
NA	ENSG00000285613	0	NA	NA	NA	NA	
NA	ENSG00000285614	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000285615	0	NA	NA	NA	NA	
NA	ENSG00000285616	0	NA	NA	NA	NA	
NA	ENSG00000285618	0.4699285	-0.02827372	0.38579405	0.54568495	NA	
NA	ENSG00000285619	0	NA	NA	NA	NA	
NA	ENSG00000285620	0	NA	NA	NA	NA	FAM90A16P
NA	ENSG00000285621	0.51937201	-0.02557462	0.38567603	0.54680819	NA	
NA	ENSG00000285622	0	NA	NA	NA	NA	
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NA	ENSG00000285624	0	NA	NA	NA	NA	
NA	ENSG00000285625	4.97405248	0.00543388	0.3820357	0.91469691	0.96396402	

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NA	ENSG00000285627	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000285628	94.4198384	0.31391463	0.24598258	0.10993534	0.26699929	
NA	ENSG00000285629	1.88656971	0.07361862	0.38651142	0.36355216	NA	
NA	ENSG00000285630	0	NA	NA	NA	NA	
NA	ENSG00000285631	0	NA	NA	NA	NA	
NA	ENSG00000285632	2.0436807	0.00513218	0.37558913	0.95174455	NA	
NA	ENSG00000285633	0	NA	NA	NA	NA	
NA	ENSG00000285634	0	NA	NA	NA	NA	
NA	ENSG00000285635	0	NA	NA	NA	NA	
NA	ENSG00000285636	0	NA	NA	NA	NA	
NA	ENSG00000285637	11.7561275	-0.12041368	0.356779	0.47353762	0.69551963	
NA	ENSG00000285638	0	NA	NA	NA	NA	
NA	ENSG00000285639	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000285640	0	NA	NA	NA	NA	
NA	ENSG00000285641	279.719683	-0.08747578	0.14788135	0.51964004	0.73315733	
NA	ENSG00000285642	0	NA	NA	NA	NA	
NA	ENSG00000285643	0	NA	NA	NA	NA	
NA	ENSG00000285644	1.14593927	-0.00841923	0.37864742	0.90241325	NA	
NA	ENSG00000285645	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000285646	6.74305223	-0.02360192	0.35324193	0.86565154	0.94050307	
NA	ENSG00000285647	0	NA	NA	NA	NA	
NA	ENSG00000285648	0	NA	NA	NA	NA	
NA	ENSG00000285649	5.37967473	0.02714126	0.35963636	0.83760884	0.92628758	
NA	ENSG00000285650	13.5371291	0.02283658	0.32839487	0.89648176	0.95469109	
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NA	ENSG00000285652	0.87010324	0.04614257	0.38535453	0.40472848	NA	
NA	ENSG00000285653	0	NA	NA	NA	NA	
NA	ENSG00000285654	0	NA	NA	NA	NA	
NA	ENSG00000285655	0.18922458	0.01954053	0.38488496	0.78225479	NA	
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NA	ENSG00000285658	0	NA	NA	NA	NA	
NA	ENSG00000285659	0	NA	NA	NA	NA	
NA	ENSG00000285660	0	NA	NA	NA	NA	
NA	ENSG00000285661	0	NA	NA	NA	NA	
NA	ENSG00000285662	0.53671507	0.03216363	0.38615814	0.46253944	NA	FAM245B
NA	ENSG00000285663	0	NA	NA	NA	NA	
NA	ENSG00000285664	4.76717224	0.13203737	0.39050809	0.31630552	0.54434505	

NA	ENSG00000285665	0	NA	NA	NA	NA	TOP1P1
NA	ENSG00000285666	0	NA	NA	NA	NA	
NA	ENSG00000285667	1.66301218	0.01078011	0.37682547	0.89111619	NA	
NA	ENSG00000285668	0	NA	NA	NA	NA	
NA	ENSG00000285669	44.5522796	-0.39388	0.32117159	0.08153864	0.21429626	
NA	ENSG00000285670	0	NA	NA	NA	NA	
NA	ENSG00000285671	0	NA	NA	NA	NA	
NA	ENSG00000285672	4.77530495	-0.11222178	0.38225719	0.38235293	0.61160786	
NA	ENSG00000285673	0.50207596	0.02562368	0.38565771	0.52549886	NA	
NA	ENSG00000285674	0	NA	NA	NA	NA	
NA	ENSG00000285675	0	NA	NA	NA	NA	
NA	ENSG00000285676	0.49841226	0.01148072	0.38338203	0.78005594	NA	
NA	ENSG00000285677	6.60270571	0.20011051	0.42333553	0.17492972	0.36882101	
NA	ENSG00000285679	2.43292166	-0.13252283	0.40985672	0.12524089	NA	
NA	ENSG00000285680	0	NA	NA	NA	NA	
NA	ENSG00000285681	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000285683	0	NA	NA	NA	NA	
NA	ENSG00000285684	0.34119706	0.00325186	0.38339666	0.95739559	NA	
NA	ENSG00000285685	0	NA	NA	NA	NA	
105376124	ENSG00000285686	0	NA	NA	NA	NA	LINC02834
NA	ENSG00000285687	0	NA	NA	NA	NA	FAM90A22P
NA	ENSG00000285688	0.88552547	0.03630387	0.38443633	0.44924045	NA	
NA	ENSG00000285689	0	NA	NA	NA	NA	
NA	ENSG00000285690	0	NA	NA	NA	NA	
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NA	ENSG00000285692	0	NA	NA	NA	NA	
NA	ENSG00000285693	9.75095904	0.06630189	0.34685095	0.68096765	0.84413609	
NA	ENSG00000285694	0	NA	NA	NA	NA	
NA	ENSG00000285695	0	NA	NA	NA	NA	
NA	ENSG00000285696	1.47381851	-0.00753908	0.37724828	0.91969486	NA	
NA	ENSG00000285697	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000285698	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000285699	0	NA	NA	NA	NA	
NA	ENSG00000285700	0	NA	NA	NA	NA	
NA	ENSG00000285701	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000285702	47.2511493	0.22363049	0.28650698	0.2763955	0.50061043	
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NA	ENSG00000285704	0.97508073	-0.0168734	0.3799411	0.79233224	NA	

NA	ENSG00000285705	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000285706	0.97696449	0.00497266	0.38090352	0.92837007	NA	
NA	ENSG00000285707	0	NA	NA	NA	NA	
NA	ENSG00000285708	0.97213901	-0.00594883	0.38147552	0.76955861	NA	
NA	ENSG00000285709	0	NA	NA	NA	NA	
NA	ENSG00000285710	0.30001678	-0.02294459	0.38527539	0.68644818	NA	
105377256	ENSG00000285711	0	NA	NA	NA	NA	LINC02835
NA	ENSG00000285712	0.49594515	0.01140521	0.38338399	0.78244793	NA	
NA	ENSG00000285713	3.70925644	-0.07643892	0.37923391	0.47376767	0.69579915	
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NA	ENSG00000285715	0	NA	NA	NA	NA	
NA	ENSG00000285716	0	NA	NA	NA	NA	
NA	ENSG00000285717	0	NA	NA	NA	NA	
NA	ENSG00000285718	0	NA	NA	NA	NA	
NA	ENSG00000285719	0	NA	NA	NA	NA	
NA	ENSG00000285722	0	NA	NA	NA	NA	
NA	ENSG00000285723	0.60279648	-0.02752712	0.38588313	0.49730371	NA	
NA	ENSG00000285724	0	NA	NA	NA	NA	
NA	ENSG00000285725	127.229228	0.41704265	0.22071911	0.02526578	0.08783478	
NA	ENSG00000285726	0	NA	NA	NA	NA	
NA	ENSG00000285727	0	NA	NA	NA	NA	
NA	ENSG00000285728	92.5081856	-0.15051404	0.2145512	0.39841407	0.62729427	
NA	ENSG00000285729	0	NA	NA	NA	NA	
NA	ENSG00000285730	15.1471046	-0.2395881	0.3854188	0.22866525	0.44394937	
NA	ENSG00000285731	0.53305333	0.01354839	0.38344679	0.74540167	NA	
NA	ENSG00000285732	7.65067883	0.18310546	0.40493741	0.23605794	0.45289523	
NA	ENSG00000285733	19.8810192	0.54527982	0.54441312	0.04580218	0.13911746	
NA	ENSG00000285734	0	NA	NA	NA	NA	
NA	ENSG00000285735	26.6645739	-0.03594345	0.29566746	0.84827637	0.93095493	LINC02717
NA	ENSG00000285736	0.45209736	-0.02505403	0.38558831	0.57865948	NA	
NA	ENSG00000285737	0	NA	NA	NA	NA	LINC02680
NA	ENSG00000285738	0	NA	NA	NA	NA	
NA	ENSG00000285739	0	NA	NA	NA	NA	
NA	ENSG00000285740	0	NA	NA	NA	NA	
NA	ENSG00000285741	0	NA	NA	NA	NA	
NA	ENSG00000285742	0	NA	NA	NA	NA	
NA	ENSG00000285743	0	NA	NA	NA	NA	
NA	ENSG00000285744	31.5640479	-0.03786149	0.29235418	0.84109982	0.92789889	

NA	ENSG00000285745	0	NA	NA	NA	NA	
100129307	ENSG00000285746	0	NA	NA	NA	NA	
NA	ENSG00000285747	0	NA	NA	NA	NA	
NA	ENSG00000285748	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000285749	0	NA	NA	NA	NA	
NA	ENSG00000285750	0.84223073	0.04793292	0.38831714	0.2784428	NA	
NA	ENSG00000285751	0	NA	NA	NA	NA	
NA	ENSG00000285752	60.257129	-0.23708096	0.26928573	0.23958154	0.45753178	CDC42-AS1
NA	ENSG00000285753	0	NA	NA	NA	NA	LCEP3
NA	ENSG00000285754	0	NA	NA	NA	NA	
NA	ENSG00000285755	0.50394461	0.03056002	0.38599856	0.48623932	NA	
NA	ENSG00000285756	2872.72764	0.11741819	0.06042847	0.04908093	0.14693914	
NA	ENSG00000285758	1.32276611	0.03753272	0.38068317	0.60333111	NA	
NA	ENSG00000285759	0	NA	NA	NA	NA	
NA	ENSG00000285760	0	NA	NA	NA	NA	
NA	ENSG00000285761	0	NA	NA	NA	NA	
NA	ENSG00000285762	3.76971488	0.06218403	0.38058073	0.49943905	0.71682702	
NA	ENSG00000285763	19.9336117	0.10739799	0.32743946	0.56449626	0.76699122	
NA	ENSG00000285764	0	NA	NA	NA	NA	
NA	ENSG00000285765	0	NA	NA	NA	NA	FAM90A23P
NA	ENSG00000285766	2.47025544	-0.02180452	0.37396098	0.81093135	NA	
105375622	ENSG00000285768	0	NA	NA	NA	NA	LINC02849
NA	ENSG00000285769	0	NA	NA	NA	NA	
NA	ENSG00000285770	1.9137893	0.02056035	0.37667225	0.80055704	NA	
NA	ENSG00000285771	0	NA	NA	NA	NA	
NA	ENSG00000285772	0	NA	NA	NA	NA	
NA	ENSG00000285773	0	NA	NA	NA	NA	
NA	ENSG00000285774	0.82489937	-0.01394717	0.38109261	0.80504284	NA	
NA	ENSG00000285775	0	NA	NA	NA	NA	
NA	ENSG00000285776	0	NA	NA	NA	NA	
NA	ENSG00000285777	6.9461812	0.01051095	0.38273372	0.81601477	0.9163678	
NA	ENSG00000285778	0	NA	NA	NA	NA	
NA	ENSG00000285779	0.75689831	0.03380966	0.38651369	0.3822658	NA	
NA	ENSG00000285780	0	NA	NA	NA	NA	
NA	ENSG00000285781	1.51184259	0.08762068	0.39506071	0.16406336	NA	
NA	ENSG00000285782	0	NA	NA	NA	NA	
NA	ENSG00000285783	0.35657449	0.02381629	0.38538094	0.61407086	NA	
NA	ENSG00000285784	0	NA	NA	NA	NA	

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NA	ENSG00000285786	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285788	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000285789	0	NA	NA	NA	NA	
NA	ENSG00000285790	0	NA	NA	NA	NA	
NA	ENSG00000285791	5.40173646	-0.02669065	0.37776602	0.70387671	0.85759525	
NA	ENSG00000285792	0.173124	-0.01911262	0.38486262	0.84537521	NA	
285074	ENSG00000285793	240.263089	0.04822796	0.14811657	0.72519651	0.86851978	
NA	ENSG00000285794	0	NA	NA	NA	NA	
NA	ENSG00000285796	142.001806	0.38356391	0.19603655	0.02462339	0.08611458	
NA	ENSG00000285797	0	NA	NA	NA	NA	
NA	ENSG00000285798	0	NA	NA	NA	NA	
NA	ENSG00000285799	3.11815588	0.15381382	0.41966908	0.10361406	0.25597099	
NA	ENSG00000285800	0	NA	NA	NA	NA	
NA	ENSG00000285801	0	NA	NA	NA	NA	
NA	ENSG00000285802	0	NA	NA	NA	NA	
NA	ENSG00000285803	28.5755636	-0.20046063	0.31884441	0.32663394	0.5549728	
NA	ENSG00000285804	103.352556	0.15624487	0.20821927	0.37409506	0.60317318	
NA	ENSG00000285805	7.05204984	-0.0747831	0.35884613	0.60969599	0.79807141	
NA	ENSG00000285806	0	NA	NA	NA	NA	
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NA	ENSG00000285808	0	NA	NA	NA	NA	LINC02797
NA	ENSG00000285809	0	NA	NA	NA	NA	
NA	ENSG00000285810	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000285811	0	NA	NA	NA	NA	
NA	ENSG00000285812	15.9229937	-0.09785256	0.33451403	0.58352986	0.77994081	
NA	ENSG00000285813	108.011598	0.02562903	0.19395438	0.87969115	0.94663299	
NA	ENSG00000285814	0.18922458	0.01954053	0.38488496	0.78225479	NA	FAM90A14P
106865373	ENSG00000285815	15.8796864	1.8260735	1.31777939	0.00408502	0.01964299	GET1-SH3BGR
NA	ENSG00000285816	143.816567	-0.22071159	0.23518336	0.24237812	0.46064214	
NA	ENSG00000285817	0	NA	NA	NA	NA	
100131107	ENSG00000285818	0	NA	NA	NA	NA	
NA	ENSG00000285819	4.03748086	-0.05620922	0.37644718	0.57308961	0.7727401	
NA	ENSG00000285820	0.339237	0.00250954	0.38338253	0.96449827	NA	
NA	ENSG00000285821	0	NA	NA	NA	NA	
NA	ENSG00000285822	97.7229989	0.23761002	0.22596114	0.20095711	0.40615916	
105376879	ENSG00000285823	0	NA	NA	NA	NA	LINC02793
NA	ENSG00000285824	0.33471731	0.02354391	0.38534154	0.62842204	NA	

NA	ENSG00000285825	25.2921548	-0.19848282	0.34884248	0.31662699	0.54452953	CCDC15-DT
NA	ENSG00000285826	0	NA	NA	NA	NA	
NA	ENSG00000285827	40.7241317	-0.24692609	0.30424669	0.23860082	0.45631774	
NA	ENSG00000285829	0	NA	NA	NA	NA	
NA	ENSG00000285830	6.82151312	0.02903157	0.36620954	0.80665289	0.91242836	
NA	ENSG00000285831	0	NA	NA	NA	NA	
NA	ENSG00000285833	0.48468479	0.01074459	0.38336887	0.79338221	NA	
NA	ENSG00000285834	0	NA	NA	NA	NA	
NA	ENSG00000285835	0	NA	NA	NA	NA	
NA	ENSG00000285836	0	NA	NA	NA	NA	
NA	ENSG00000285837	1.04057035	0.0005402	0.38152195	0.99158274	NA	
NA	ENSG00000285838	0	NA	NA	NA	NA	
NA	ENSG00000285839	0.90419472	-0.03873466	0.3871499	0.33610152	NA	
NA	ENSG00000285840	0.36234643	0.00087098	0.38336422	0.96757572	NA	
NA	ENSG00000285841	0.8440687	-0.03188058	0.38391606	0.52111366	NA	
NA	ENSG00000285842	0	NA	NA	NA	NA	
NA	ENSG00000285843	0	NA	NA	NA	NA	SCYGR9
NA	ENSG00000285844	9.93063793	0.09078328	0.35709861	0.56149162	0.76495184	
NA	ENSG00000285845	0	NA	NA	NA	NA	
NA	ENSG00000285846	0	NA	NA	NA	NA	
NA	ENSG00000285847	6.78035447	-0.09973504	0.36816035	0.48902222	0.70870715	
NA	ENSG00000285848	0	NA	NA	NA	NA	
NA	ENSG00000285849	4.1859846	0.29056956	0.53049458	0.03776662	0.12027123	
NA	ENSG00000285850	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000285851	5.40454563	-0.01715244	0.36153969	0.88912217	0.95172289	
NA	ENSG00000285852	2.22144605	-0.08973681	0.38996272	0.30506753	NA	
NA	ENSG00000285853	1.36549155	0.06415212	0.38945072	0.24023296	NA	
NA	ENSG00000285854	3.7129938	0.00812471	0.36959423	0.93956829	0.97474024	
NA	ENSG00000285855	0	NA	NA	NA	NA	
NA	ENSG00000285856	4.06344372	-0.11411343	0.38783023	0.33747479	0.5678002	
NA	ENSG00000285857	1.65539152	0.00872431	0.37665878	0.91244811	NA	
NA	ENSG00000285858	0	NA	NA	NA	NA	
NA	ENSG00000285859	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000285860	0	NA	NA	NA	NA	
NA	ENSG00000285861	0	NA	NA	NA	NA	
NA	ENSG00000285862	0	NA	NA	NA	NA	
NA	ENSG00000285863	8.99070503	-0.04729198	0.34762722	0.7576053	0.88724923	
NA	ENSG00000285864	22.5043068	-0.17318656	0.39262776	0.2787	0.50316193	

	NA	ENSG00000285865	5.53270214	0.16670125	0.40800322	0.21592625	0.42669091	
105370985	ENSG00000285866	0	NA	NA	NA	NA	NA	LINC02852
	NA	ENSG00000285867	0	NA	NA	NA	NA	
	NA	ENSG00000285868	32.5039834	1.22586995	0.5001206	0.00100404	0.00592863	
105371113	ENSG00000285869	0	NA	NA	NA	NA	NA	LINC02858
	NA	ENSG00000285870	1.54667121	-0.00252404	0.37708371	0.9723749	NA	
	NA	ENSG00000285871	0.66473873	-0.02208907	0.38321439	0.65123807	NA	
	NA	ENSG00000285872	7.62905699	0.11246797	0.36863968	0.4576858	0.68122697	
105376845	ENSG00000285873	1.24217685	0.06069247	0.38851098	0.26996404	NA	NA	
	NA	ENSG00000285876	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
	NA	ENSG00000285877	3.44560736	0.13609487	0.40419191	0.20067006	0.40584036	
	NA	ENSG00000285878	4.54810556	-0.1810488	0.42236347	0.15717566	0.34396456	
	NA	ENSG00000285879	0	NA	NA	NA	NA	
	NA	ENSG00000285880	0	NA	NA	NA	NA	
	NA	ENSG00000285881	0.173124	-0.01911262	0.38486262	0.84537521	NA	
	NA	ENSG00000285882	0	NA	NA	NA	NA	
	NA	ENSG00000285883	0	NA	NA	NA	NA	
	NA	ENSG00000285884	9.13734737	0.10125674	0.35992935	0.52055468	0.73413455	
	NA	ENSG00000285885	0.18922458	0.01954053	0.38488496	0.78225479	NA	
	NA	ENSG00000285886	24.3219689	-0.15475868	0.31688238	0.43308316	0.65846961	
	NA	ENSG00000285887	23.4620127	0.03292301	0.30002939	0.86277737	0.93907741	
	NA	ENSG00000285888	0	NA	NA	NA	NA	
	NA	ENSG00000285889	3.08310948	0.05156294	0.37667812	0.59509821	0.78790447	
	NA	ENSG00000285890	0	NA	NA	NA	NA	
102724657	ENSG00000285891	0	NA	NA	NA	NA	NA	MSANTD5
	NA	ENSG00000285892	0	NA	NA	NA	NA	
	NA	ENSG00000285894	0	NA	NA	NA	NA	
	NA	ENSG00000285895	0	NA	NA	NA	NA	
	NA	ENSG00000285896	0	NA	NA	NA	NA	
	NA	ENSG00000285897	2.5155816	0.00442326	0.37451328	0.96105299	NA	
	NA	ENSG00000285898	0	NA	NA	NA	NA	
	NA	ENSG00000285899	0	NA	NA	NA	NA	
	NA	ENSG00000285900	0	NA	NA	NA	NA	
	NA	ENSG00000285901	0	NA	NA	NA	NA	
	NA	ENSG00000285902	0	NA	NA	NA	NA	
	NA	ENSG00000285904	7.47024357	0.13677419	0.37650166	0.37848983	0.60739613	
105378666	ENSG00000285905	1.42022464	-0.08444201	0.39326095	0.19756163	NA	NA	BMP8B-AS1
	NA	ENSG00000285906	0	NA	NA	NA	NA	

NA	ENSG00000285907	6.78006848	0.368644	0.63511932	0.02055723	0.07452136	
NA	ENSG00000285908	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285909	0	NA	NA	NA	NA	
NA	ENSG00000285910	0	NA	NA	NA	NA	
NA	ENSG00000285911	0.52350241	0.03152011	0.38609273	0.47195973	NA	
NA	ENSG00000285912	0	NA	NA	NA	NA	
NA	ENSG00000285913	0	NA	NA	NA	NA	FAM90A18P
NA	ENSG00000285914	0	NA	NA	NA	NA	
NA	ENSG00000285915	0	NA	NA	NA	NA	
NA	ENSG00000285917	0	NA	NA	NA	NA	
NA	ENSG00000285918	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000285919	0	NA	NA	NA	NA	
NA	ENSG00000285920	33.0003154	-0.00585279	0.32291648	0.97106808	0.98911805	
NA	ENSG00000285921	0	NA	NA	NA	NA	
NA	ENSG00000285922	14.9963049	-0.51385057	0.58825691	0.04987394	0.14870738	
NA	ENSG00000285923	0	NA	NA	NA	NA	
NA	ENSG00000285925	0	NA	NA	NA	NA	
NA	ENSG00000285926	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000285927	0	NA	NA	NA	NA	
NA	ENSG00000285928	3.65603479	-0.05268506	0.37164348	0.63700557	0.81722218	
NA	ENSG00000285929	0	NA	NA	NA	NA	
NA	ENSG00000285930	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000285931	0	NA	NA	NA	NA	
NA	ENSG00000285932	16.3951946	0.24273799	0.4456705	0.14075666	0.31875496	
NA	ENSG00000285933	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285934	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000285935	14.1182624	-0.18755325	0.40487598	0.23276494	0.44970849	
NA	ENSG00000285936	0	NA	NA	NA	NA	
NA	ENSG00000285937	0	NA	NA	NA	NA	FAM90A8P
NA	ENSG00000285938	0	NA	NA	NA	NA	
NA	ENSG00000285939	0	NA	NA	NA	NA	
NA	ENSG00000285940	7.62847313	-0.47355632	0.89019316	0.01343575	0.05285849	
NA	ENSG00000285941	0	NA	NA	NA	NA	
NA	ENSG00000285942	3.97371613	0.03078647	0.38663295	0.15933116	0.34688536	
NA	ENSG00000285943	347.109059	0.47107092	0.14841248	0.00061459	0.00386236	
NA	ENSG00000285944	0	NA	NA	NA	NA	H2AL1SP
NA	ENSG00000285945	0	NA	NA	NA	NA	
NA	ENSG00000285946	0	NA	NA	NA	NA	

NA	ENSG00000285947	0	NA	NA	NA	NA	
NA	ENSG00000285948	2.10021467	0.10662345	0.39535618	0.24297028	NA	
NA	ENSG00000285950	0	NA	NA	NA	NA	FAM90A10P
NA	ENSG00000285952	1.05489384	-0.04391844	0.38790839	0.27834512	NA	
NA	ENSG00000285953	121.556523	-0.33073213	0.22968303	0.07965727	0.21062825	
NA	ENSG00000285954	0.31663777	0.00103049	0.38336596	0.96797953	NA	
NA	ENSG00000285955	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000285957	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285958	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285959	0	NA	NA	NA	NA	
NA	ENSG00000285960	0	NA	NA	NA	NA	
NA	ENSG00000285961	0	NA	NA	NA	NA	
NA	ENSG00000285963	0	NA	NA	NA	NA	
NA	ENSG00000285964	0	NA	NA	NA	NA	
NA	ENSG00000285966	0	NA	NA	NA	NA	
646719	ENSG00000285967	530.549439	-0.12435081	0.10664003	0.22286735	0.43593496	NIPBL-DT
NA	ENSG00000285968	0	NA	NA	NA	NA	
NA	ENSG00000285969	0.31661098	0.00099969	0.38336576	0.96827453	NA	
NA	ENSG00000285970	0	NA	NA	NA	NA	
NA	ENSG00000285971	0	NA	NA	NA	NA	
642934	ENSG00000285972	0	NA	NA	NA	NA	CERNA2
NA	ENSG00000285973	29.3736572	-0.51387037	0.43995335	0.04888657	0.14644564	
NA	ENSG00000285974	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000285975	0	NA	NA	NA	NA	FAM90A7P
NA	ENSG00000285976	66.9195943	0.13784941	0.41852826	0.04002723	0.12543678	
NA	ENSG00000285977	0	NA	NA	NA	NA	
NA	ENSG00000285978	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000285979	101.633522	0.04679949	0.20728511	0.79020464	0.90434126	
NA	ENSG00000285980	0	NA	NA	NA	NA	
NA	ENSG00000285981	0	NA	NA	NA	NA	
NA	ENSG00000285982	19.0450676	-2.37130401	0.76791061	9.45E-05	0.00072411	
NA	ENSG00000285984	1.14918443	-0.02355908	0.381764	0.6769741	NA	
NA	ENSG00000285985	0	NA	NA	NA	NA	LINC02689
NA	ENSG00000285986	0	NA	NA	NA	NA	
NA	ENSG00000285987	0	NA	NA	NA	NA	
NA	ENSG00000285988	0	NA	NA	NA	NA	
NA	ENSG00000285989	0	NA	NA	NA	NA	H2AQ1P
NA	ENSG00000285990	0	NA	NA	NA	NA	NBEAP6

NA	ENSG00000285991	1.1707741	-0.00608111	0.38034506	0.91736964	NA	
NA	ENSG00000285992	0	NA	NA	NA	NA	
NA	ENSG00000285993	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000285994	0.79718068	-0.05675365	0.38954931	0.26941011	NA	
NA	ENSG00000285996	23.2404174	0.17125284	0.33897906	0.38233557	0.61160786	
NA	ENSG00000285997	0	NA	NA	NA	NA	
NA	ENSG00000285998	0	NA	NA	NA	NA	
NA	ENSG00000285999	2.90388707	-0.03380177	0.37352134	0.72822606	0.87007881	
NA	ENSG00000286000	4.26343253	0.02706004	0.3649414	0.82284642	0.91926758	
NA	ENSG00000286001	79.8276555	0.20837508	0.27800268	0.30453185	0.53190526	
NA	ENSG00000286002	0	NA	NA	NA	NA	
NA	ENSG00000286003	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000286004	31.4954859	-0.42439509	0.39196279	0.0790665	0.20976104	
NA	ENSG00000286005	0	NA	NA	NA	NA	
NA	ENSG00000286006	0	NA	NA	NA	NA	
NA	ENSG00000286007	0	NA	NA	NA	NA	
NA	ENSG00000286008	0	NA	NA	NA	NA	
NA	ENSG00000286009	0	NA	NA	NA	NA	
NA	ENSG00000286010	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000286011	5.84472633	0.29313004	0.5223586	0.05063445	0.15040987	
NA	ENSG00000286012	0	NA	NA	NA	NA	
NA	ENSG00000286013	0	NA	NA	NA	NA	
NA	ENSG00000286015	2.08143977	-0.03416295	0.37978807	0.64246686	NA	
NA	ENSG00000286016	0	NA	NA	NA	NA	
NA	ENSG00000286017	0.34111042	0.02362653	0.3853534	0.62410555	NA	
NA	ENSG00000286018	15.3809232	0.25233791	0.40794324	0.19558518	0.39920852	
100996763	ENSG00000286019	0	NA	NA	NA	NA	NOTCH2NLB
NA	ENSG00000286020	0	NA	NA	NA	NA	
102724834	ENSG00000286021	0	NA	NA	NA	NA	LINC02822
NA	ENSG00000286022	0.69493202	0.03154416	0.38626309	0.41391645	NA	
NA	ENSG00000286023	0	NA	NA	NA	NA	
NA	ENSG00000286024	5.91785486	-0.0822577	0.37459144	0.49915524	0.71669126	
NA	ENSG00000286025	9.88427207	-0.18613812	0.39934048	0.25088682	0.47082809	FAM246C
NA	ENSG00000286026	0	NA	NA	NA	NA	
105372808	ENSG00000286027	0	NA	NA	NA	NA	PCSEAT
728196	ENSG00000286028	0	NA	NA	NA	NA	
NA	ENSG00000286030	0	NA	NA	NA	NA	
NA	ENSG00000286031	0.90419472	-0.03873466	0.3871499	0.33610152	NA	

NA	ENSG00000286032	0	NA	NA	NA	NA	
NA	ENSG00000286033	3.70100283	0.051391	0.37164671	0.64625149	0.82370422	
NA	ENSG00000286034	0	NA	NA	NA	NA	
NA	ENSG00000286035	1.13292973	0.01706827	0.37995777	0.79143391	NA	
NA	ENSG00000286036	0	NA	NA	NA	NA	
NA	ENSG00000286037	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
105180390	ENSG00000286038	0	NA	NA	NA	NA	SPDYE13
NA	ENSG00000286039	643.253048	1.26718027	0.12244611	4.28E-26	2.12E-24	
NA	ENSG00000286040	0	NA	NA	NA	NA	
NA	ENSG00000286041	0	NA	NA	NA	NA	
80078	ENSG00000286042	0	NA	NA	NA	NA	LCAL1
NA	ENSG00000286043	0.3629531	0.02389476	0.3853924	0.60996727	NA	
NA	ENSG00000286044	1.11374591	0.00090995	0.37953272	0.98888636	NA	
NA	ENSG00000286045	4.75403257	-0.14260767	0.39781968	0.26308048	0.48504013	
NA	ENSG00000286046	0	NA	NA	NA	NA	
NA	ENSG00000286047	0	NA	NA	NA	NA	
NA	ENSG00000286048	0	NA	NA	NA	NA	
NA	ENSG00000286049	0	NA	NA	NA	NA	
NA	ENSG00000286050	0	NA	NA	NA	NA	
NA	ENSG00000286051	45.5302107	-0.09143064	0.2720759	0.63754109	0.81738469	MAGEA6-DT
NA	ENSG00000286052	0	NA	NA	NA	NA	
110599588	ENSG00000286053	60.8731799	-0.40246035	0.32283294	0.07632368	0.20405092	ASDURF
NA	ENSG00000286055	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000286056	0.47321585	-0.00782202	0.38324845	0.8588922	NA	
NA	ENSG00000286057	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286058	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286059	0	NA	NA	NA	NA	
NA	ENSG00000286060	7.48833433	0.11944245	0.3697662	0.43697061	0.6620969	
100750325	ENSG00000286061	0.34746601	0.02370763	0.3853651	0.61987128	NA	RCAN3AS
NA	ENSG00000286062	0	NA	NA	NA	NA	
NA	ENSG00000286063	0	NA	NA	NA	NA	
NA	ENSG00000286064	3.07683703	0.04244503	0.3726682	0.68466841	0.84650223	
NA	ENSG00000286065	0	NA	NA	NA	NA	SLFN12L
NA	ENSG00000286066	0	NA	NA	NA	NA	
NA	ENSG00000286067	30.3036539	0.08806905	0.28803835	0.65220933	0.8261929	
NA	ENSG00000286068	0.31816708	0.00111578	0.38336649	0.96638655	NA	
NA	ENSG00000286069	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000286070	534.730631	0.00729676	0.13157767	0.95033776	0.97957708	

105373170	ENSG00000286071	2.69670474	-0.05694176	0.37808519	0.54431861	0.75224863	
NA	ENSG00000286072	0	NA	NA	NA	NA	
NA	ENSG00000286073	0	NA	NA	NA	NA	
NA	ENSG00000286074	0.87113442	0.01031318	0.38220506	0.8257461	NA	
NA	ENSG00000286075	0	NA	NA	NA	NA	
NA	ENSG00000286076	0	NA	NA	NA	NA	
NA	ENSG00000286077	0.81686393	0.01402616	0.381795	0.78564754	NA	
NA	ENSG00000286078	1.07252787	0.06034257	0.39066986	0.18906303	NA	
NA	ENSG00000286080	0.34746601	0.02370763	0.3853651	0.61987128	NA	
105373682	ENSG00000286081	0.50144324	-0.02977137	0.38592656	0.52133521	NA	
NA	ENSG00000286082	0.36243254	0.00097228	0.38336481	0.96662234	NA	
NA	ENSG00000286083	0	NA	NA	NA	NA	
NA	ENSG00000286084	4.44417651	0.01433844	0.36360588	0.90692118	0.95954118	
NA	ENSG00000286085	0	NA	NA	NA	NA	
NA	ENSG00000286086	2.21986676	0.04930488	0.37857199	0.57975235	NA	
NA	ENSG00000286087	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000286088	8.62176871	-0.00761712	0.34792755	0.95713069	0.98264776	
NA	ENSG00000286089	0.61435017	-0.01559244	0.3833607	0.72276535	NA	
NA	ENSG00000286090	0	NA	NA	NA	NA	
NA	ENSG00000286092	1.46811293	-0.02862623	0.38004601	0.67916622	NA	
NA	ENSG00000286093	1.31063771	-0.05113184	0.38329852	0.47050215	NA	
100996693	ENSG00000286095	7.54638065	0.04456636	0.36567177	0.71116043	0.86120368	SPEGNB
110806308	ENSG00000286096	0	NA	NA	NA	NA	GPC3-AS1
NA	ENSG00000286097	0	NA	NA	NA	NA	
284391	ENSG00000286098	50.6415497	-0.13872948	0.28777178	0.48330698	0.70366262	
NA	ENSG00000286099	0.5377344	0.03221325	0.38616327	0.46181732	NA	
NA	ENSG00000286100	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
105373514	ENSG00000286101	0	NA	NA	NA	NA	
NA	ENSG00000286102	0	NA	NA	NA	NA	FAM246A
NA	ENSG00000286103	0	NA	NA	NA	NA	
NA	ENSG00000286104	86.8407816	-0.15577749	0.23278813	0.40377766	0.63179407	
221468	ENSG00000286105	0	NA	NA	NA	NA	
NA	ENSG00000286106	0	NA	NA	NA	NA	NOTCH2NLR
NA	ENSG00000286107	1.65370733	0.01105658	0.37933369	0.86810724	NA	
NA	ENSG00000286108	0.65247001	0.01984897	0.38365474	0.64117148	NA	
NA	ENSG00000286109	0	NA	NA	NA	NA	
NA	ENSG00000286110	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000286111	0	NA	NA	NA	NA	

883	ENSG00000286112	163.318811	-0.27211002	0.22534876	0.1420208	0.32062958	
NA	ENSG00000286113	0	NA	NA	NA	NA	
NA	ENSG00000286114	0	NA	NA	NA	NA	
NA	ENSG00000286115	0.30001567	-0.02294458	0.38527538	0.68644887	NA	
NA	ENSG00000286116	4.01697659	0.04930318	0.37389917	0.63745423	0.81736521	
105372573	ENSG00000286117	0	NA	NA	NA	NA	
NA	ENSG00000286118	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000286119	0	NA	NA	NA	NA	
NA	ENSG00000286120	0	NA	NA	NA	NA	
NA	ENSG00000286121	0.30139824	-0.02296476	0.38527817	0.68536535	NA	
NA	ENSG00000286122	0	NA	NA	NA	NA	
NA	ENSG00000286123	0	NA	NA	NA	NA	
NA	ENSG00000286124	0	NA	NA	NA	NA	
NA	ENSG00000286125	124.346436	-0.51107034	0.29320447	0.02336413	0.08251055	
NA	ENSG00000286126	0	NA	NA	NA	NA	
NA	ENSG00000286127	0	NA	NA	NA	NA	
NA	ENSG00000286128	1.58344543	0.00399279	0.38042638	0.94688301	NA	
NA	ENSG00000286129	194.510666	0.12854244	0.15847132	0.37156189	0.60060191	
NA	ENSG00000286130	0	NA	NA	NA	NA	
NA	ENSG00000286131	0	NA	NA	NA	NA	
NA	ENSG00000286132	2.59760358	-0.03605237	0.37310491	0.71709104	0.86381491	
NA	ENSG00000286133	0	NA	NA	NA	NA	
NA	ENSG00000286134	0	NA	NA	NA	NA	
112577516	ENSG00000286135	0	NA	NA	NA	NA	
NA	ENSG00000286136	3.13018456	-0.03548016	0.376078	0.69145026	0.85064631	
NA	ENSG00000286138	3.43735954	-0.02343802	0.36725954	0.83354761	0.92422788	
113455421	ENSG00000286140	655.739121	-0.30841053	0.11588081	0.00509025	0.0235794	DERPC
NA	ENSG00000286141	0	NA	NA	NA	NA	
NA	ENSG00000286142	0	NA	NA	NA	NA	
NA	ENSG00000286143	0	NA	NA	NA	NA	
NA	ENSG00000286144	0	NA	NA	NA	NA	
NA	ENSG00000286145	1.2280233	0.0526426	0.38403599	0.44108337	NA	
NA	ENSG00000286146	0	NA	NA	NA	NA	
NA	ENSG00000286147	19.1987146	2.2256684	0.64011759	2.71E-05	0.00023639	
NA	ENSG00000286150	0	NA	NA	NA	NA	
NA	ENSG00000286151	0	NA	NA	NA	NA	
NA	ENSG00000286152	0	NA	NA	NA	NA	
NA	ENSG00000286153	0	NA	NA	NA	NA	

NA	ENSG00000286154	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000286155	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000286156	46.2721842	0.04327959	0.25744195	0.82311886	0.919424	BMS1P23
NA	ENSG00000286157	0	NA	NA	NA	NA	
NA	ENSG00000286158	7.03867927	-0.07006682	0.36577776	0.59829898	0.78987568	
NA	ENSG00000286159	1.51995946	0.02035757	0.37787787	0.78908105	NA	
NA	ENSG00000286160	0	NA	NA	NA	NA	
NA	ENSG00000286161	13.5027641	-0.07371651	0.33831224	0.6638808	0.83421338	
NA	ENSG00000286162	8.90283177	0.25494295	0.4490158	0.13489291	0.309396	
NA	ENSG00000286163	0	NA	NA	NA	NA	
NA	ENSG00000286164	0	NA	NA	NA	NA	
NA	ENSG00000286165	1.95934923	-0.13524776	0.41721671	0.03274222	NA	
NA	ENSG00000286167	0	NA	NA	NA	NA	
NA	ENSG00000286168	0	NA	NA	NA	NA	
NA	ENSG00000286170	0	NA	NA	NA	NA	
NA	ENSG00000286171	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101447996	ENSG00000286172	0	NA	NA	NA	NA	RNVU1-8
NA	ENSG00000286173	0	NA	NA	NA	NA	
NA	ENSG00000286174	0	NA	NA	NA	NA	
NA	ENSG00000286175	0	NA	NA	NA	NA	FAM246B
107986257	ENSG00000286176	3.9002896	-0.1862753	0.43354756	0.10532246	0.25877695	
105372401	ENSG00000286177	14.607473	0.08537059	0.33975822	0.62197008	0.80695268	
NA	ENSG00000286179	0	NA	NA	NA	NA	
NA	ENSG00000286180	3.55779665	0.1369673	0.40612216	0.18338092	0.38157078	
NA	ENSG00000286181	5.87538461	-0.12592699	0.39126754	0.29512233	0.52176323	
NA	ENSG00000286182	0	NA	NA	NA	NA	
NA	ENSG00000286183	0	NA	NA	NA	NA	
NA	ENSG00000286185	2.58146366	0.12520882	0.41356654	0.02232309	0.07952777	
NA	ENSG00000286186	0	NA	NA	NA	NA	
NA	ENSG00000286187	0	NA	NA	NA	NA	
NA	ENSG00000286188	0	NA	NA	NA	NA	
NA	ENSG00000286189	0.34746601	0.02370763	0.3853651	0.61987128	NA	
728392	ENSG00000286190	575.857465	-0.32338606	0.1049259	0.00130884	0.00744692	
NA	ENSG00000286191	0	NA	NA	NA	NA	
NA	ENSG00000286192	68.3837531	0.10974517	0.25352689	0.57048446	0.77085145	
105374727	ENSG00000286193	2.97010602	0.05680465	0.38123909	0.46992283	0.6922856	
NA	ENSG00000286194	0	NA	NA	NA	NA	
NA	ENSG00000286195	0	NA	NA	NA	NA	

NA	ENSG00000286196	2.73958626	-0.08027558	0.38218458	0.43064096	0.65606363	
NA	ENSG00000286197	0	NA	NA	NA	NA	
NA	ENSG00000286198	0.94556401	-0.06630678	0.39158691	0.20460536	NA	
NA	ENSG00000286199	0	NA	NA	NA	NA	
NA	ENSG00000286201	0	NA	NA	NA	NA	
NA	ENSG00000286202	5.54475697	-0.100023	0.37672762	0.4408025	0.66576747	
NA	ENSG00000286203	0	NA	NA	NA	NA	
NA	ENSG00000286204	0	NA	NA	NA	NA	
NA	ENSG00000286205	1.68870801	0.03076552	0.37962312	0.67324387	NA	
NA	ENSG00000286206	0	NA	NA	NA	NA	
NA	ENSG00000286207	78.2187543	0.224887	0.23756903	0.23792669	0.45533573	
NA	ENSG00000286208	1.16551367	0.03565956	0.38327444	0.5307006	NA	
NA	ENSG00000286209	0	NA	NA	NA	NA	
NA	ENSG00000286210	0	NA	NA	NA	NA	
NA	ENSG00000286211	0	NA	NA	NA	NA	
NA	ENSG00000286212	0	NA	NA	NA	NA	
NA	ENSG00000286213	0	NA	NA	NA	NA	
NA	ENSG00000286214	15.9774797	2.46073159	0.74295527	5.23E-05	0.00042527	
NA	ENSG00000286215	1.83892626	-0.00482101	0.37727993	0.94750633	NA	
NA	ENSG00000286216	7.63384735	0.13841246	0.37864754	0.36778113	0.59711764	
NA	ENSG00000286217	0	NA	NA	NA	NA	LINC00279
NA	ENSG00000286218	0.32325887	-0.02326846	0.38532065	0.66893403	NA	
100996717	ENSG00000286219	32.5192638	0.44100423	0.40396764	0.07191808	0.19537925	NOTCH2NLC
NA	ENSG00000286220	8.87883813	-0.00079511	0.34285574	0.99391514	0.99814114	
NA	ENSG00000286221	2.44690178	0.09602718	0.39495354	0.22174706	NA	
NA	ENSG00000286222	0	NA	NA	NA	NA	
NA	ENSG00000286223	11.2107193	0.04170177	0.33587815	0.80469476	0.91125251	
NA	ENSG00000286224	0	NA	NA	NA	NA	
NA	ENSG00000286225	0	NA	NA	NA	NA	
NA	ENSG00000286226	0.51922449	0.01763103	0.38330303	0.70885699	NA	
NA	ENSG00000286227	0	NA	NA	NA	NA	
NA	ENSG00000286229	0	NA	NA	NA	NA	
NA	ENSG00000286230	2.35555851	-0.01484151	0.37665379	0.85023275	NA	
NA	ENSG00000286231	152.359049	0.02438424	0.17846124	0.87869415	0.94627867	
NA	ENSG00000286232	0	NA	NA	NA	NA	
NA	ENSG00000286233	3.91705384	0.03515671	0.3669456	0.76464352	0.8916054	
NA	ENSG00000286234	0.51541588	0.03112685	0.38605393	0.4777362	NA	
NA	ENSG00000286235	6.1174772	-0.17323215	0.43460573	0.05625919	0.16304154	

NA	ENSG00000286236	0	NA	NA	NA	NA	
100528062	ENSG00000286237	87.4920164	-0.10517878	0.24505572	0.57867541	0.77656626	
NA	ENSG00000286238	0	NA	NA	NA	NA	
NA	ENSG00000286239	10.1369958	0.00749434	0.3532682	0.95985621	0.98360159	
NA	ENSG00000286240	6.44862521	0.12642576	0.37913414	0.383526	0.61270278	
NA	ENSG00000286241	0	NA	NA	NA	NA	
NA	ENSG00000286242	7.31066119	-0.33811537	0.55006263	0.05927905	0.16956407	
NA	ENSG00000286243	0	NA	NA	NA	NA	
NA	ENSG00000286244	2.16922231	-0.0392246	0.37971639	0.61030594	NA	
NA	ENSG00000286245	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286246	0	NA	NA	NA	NA	
NA	ENSG00000286247	0	NA	NA	NA	NA	
NA	ENSG00000286248	10.1457374	-2.04697727	1.1381818	0.00265111	0.01363917	
NA	ENSG00000286249	0	NA	NA	NA	NA	
NA	ENSG00000286250	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286251	0	NA	NA	NA	NA	
NA	ENSG00000286252	0	NA	NA	NA	NA	
NA	ENSG00000286253	0	NA	NA	NA	NA	
NA	ENSG00000286254	0	NA	NA	NA	NA	
NA	ENSG00000286255	0	NA	NA	NA	NA	OR4F8BP
NA	ENSG00000286256	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286257	1.81844151	-0.05993769	0.38604148	0.33891553	NA	
NA	ENSG00000286258	0	NA	NA	NA	NA	
NA	ENSG00000286259	0.49159845	0.011894	0.38343132	0.77684163	NA	
NA	ENSG00000286260	0	NA	NA	NA	NA	
NA	ENSG00000286262	0	NA	NA	NA	NA	
NA	ENSG00000286263	0	NA	NA	NA	NA	
114841035	ENSG00000286264	118.890751	0.38797135	0.21431558	0.03296642	0.10807232	
NA	ENSG00000286266	0	NA	NA	NA	NA	
NA	ENSG00000286268	12.5229025	-0.15068466	0.38660665	0.31785204	0.54556488	
NA	ENSG00000286269	1.24575879	0.06131446	0.38873786	0.26510732	NA	
NA	ENSG00000286270	0	NA	NA	NA	NA	
NA	ENSG00000286271	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000286272	0	NA	NA	NA	NA	
NA	ENSG00000286273	0	NA	NA	NA	NA	
NA	ENSG00000286274	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000286275	0	NA	NA	NA	NA	
NA	ENSG00000286276	3.00734071	0.04008107	0.37290079	0.69725696	0.85387893	

NA	ENSG00000286277	0	NA	NA	NA	NA
NA	ENSG00000286278	0	NA	NA	NA	NA
NA	ENSG00000286279	0	NA	NA	NA	NA
NA	ENSG00000286280	0	NA	NA	NA	NA
NA	ENSG00000286281	0.31807844	0.00101826	0.38336582	0.96732012	NA
NA	ENSG00000286282	0	NA	NA	NA	NA
NA	ENSG00000286283	0	NA	NA	NA	NA
NA	ENSG00000286284	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000286285	0.68266508	0.00340883	0.3818754	0.94199355	NA
NA	ENSG00000286286	0	NA	NA	NA	NA
NA	ENSG00000286288	0.33471731	0.02354391	0.38534154	0.62842204	NA
107984270	ENSG00000286289	0	NA	NA	NA	NA
NA	ENSG00000286290	0	NA	NA	NA	NA
NA	ENSG00000286291	0	NA	NA	NA	NA
NA	ENSG00000286292	1.67656665	0.05816018	0.38366128	0.4468164	NA
NA	ENSG00000286293	0.62188284	-0.01806414	0.3829177	0.70060704	NA
NA	ENSG00000286294	0.75689831	0.03380966	0.38651369	0.3822658	NA
NA	ENSG00000286295	0	NA	NA	NA	NA
NA	ENSG00000286296	0	NA	NA	NA	NA
NA	ENSG00000286297	0	NA	NA	NA	NA
NA	ENSG00000286299	1.53241924	0.02439146	0.37724208	0.76139616	NA
NA	ENSG00000286300	0	NA	NA	NA	NA
NA	ENSG00000286301	0	NA	NA	NA	NA
NA	ENSG00000286302	0.8107717	-0.02884516	0.38354391	0.54676952	NA
NA	ENSG00000286303	0	NA	NA	NA	NA
NA	ENSG00000286305	33.2553241	0.02980333	0.28111204	0.87855314	0.94627217
NA	ENSG00000286306	0	NA	NA	NA	NA
NA	ENSG00000286307	1.99949034	-0.11289833	0.40363724	0.10247376	NA
NA	ENSG00000286308	0	NA	NA	NA	NA
NA	ENSG00000286309	1.70715179	0.05506559	0.38392735	0.44568744	NA
NA	ENSG00000286310	3.92794746	-0.04927617	0.37231977	0.64708158	0.82430661
NA	ENSG00000286311	22.9821855	-0.0502925	0.31096772	0.7842603	0.90175162
NA	ENSG00000286312	0.50878214	0.01553554	0.38314772	0.73654137	NA
NA	ENSG00000286313	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286314	0.3626185	0.00116158	0.38336609	0.96484049	NA
NA	ENSG00000286315	7.23661177	0.01901739	0.35228954	0.89618082	0.95469109
NA	ENSG00000286316	0	NA	NA	NA	NA
NA	ENSG00000286317	0.15069912	-0.01848503	0.38480575	0.84537521	NA

NA	ENSG00000286318	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286319	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000286320	0.82638329	-0.00415965	0.38206675	0.92974673	NA
NA	ENSG00000286321	0	NA	NA	NA	NA
NA	ENSG00000286322	0	NA	NA	NA	NA
NA	ENSG00000286323	0	NA	NA	NA	NA
NA	ENSG00000286324	0	NA	NA	NA	NA
NA	ENSG00000286325	0	NA	NA	NA	NA
NA	ENSG00000286326	0	NA	NA	NA	NA
NA	ENSG00000286327	3.04290821	-0.01298929	0.37158804	0.89299728	0.95376109
NA	ENSG00000286328	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286329	0	NA	NA	NA	NA
105370259	ENSG00000286330	3.24254546	-0.00158763	0.37235596	0.98444222	0.99457273
NA	ENSG00000286331	2.009578	0.00794451	0.37724331	0.91782491	NA
NA	ENSG00000286332	0	NA	NA	NA	NA
NA	ENSG00000286333	0	NA	NA	NA	NA
NA	ENSG00000286334	0	NA	NA	NA	NA
NA	ENSG00000286335	0	NA	NA	NA	NA
NA	ENSG00000286337	2.98975407	-0.05602977	0.37754044	0.56168083	0.76502898
NA	ENSG00000286338	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286339	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286340	37.7389359	-0.07650275	0.27690371	0.69270699	0.8515339
NA	ENSG00000286341	0	NA	NA	NA	NA
NA	ENSG00000286342	16.9106076	0.10500278	0.33401484	0.56480765	0.76715163
NA	ENSG00000286343	0	NA	NA	NA	NA
105378531	ENSG00000286344	0	NA	NA	NA	NA
NA	ENSG00000286345	0	NA	NA	NA	NA
NA	ENSG00000286346	0	NA	NA	NA	NA
NA	ENSG00000286347	0	NA	NA	NA	NA
NA	ENSG00000286348	0	NA	NA	NA	NA
NA	ENSG00000286349	0.44918704	-0.02727294	0.38571088	0.56236792	NA
NA	ENSG00000286350	0	NA	NA	NA	NA
NA	ENSG00000286351	0	NA	NA	NA	NA
105376975	ENSG00000286352	0	NA	NA	NA	NA
NA	ENSG00000286353	0.47325637	-0.03505946	0.38628477	0.49593422	NA
NA	ENSG00000286354	0	NA	NA	NA	NA
NA	ENSG00000286355	3.62920235	0.12765547	0.39865458	0.24234794	0.46064214
NA	ENSG00000286356	0	NA	NA	NA	NA

NA	ENSG00000286357	0	NA	NA	NA	NA
NA	ENSG00000286358	0	NA	NA	NA	NA
NA	ENSG00000286359	0	NA	NA	NA	NA
NA	ENSG00000286360	17.0509324	0.20784418	0.36093358	0.2942348	0.52042599
NA	ENSG00000286361	0	NA	NA	NA	NA
NA	ENSG00000286362	1.71666706	-0.01117471	0.37807021	0.87535512	NA
NA	ENSG00000286363	0.30139824	-0.02296476	0.38527817	0.68536535	NA
NA	ENSG00000286364	0	NA	NA	NA	NA
NA	ENSG00000286365	13.1917853	0.04129816	0.33006129	0.81254069	0.91507108
NA	ENSG00000286366	7.34442154	0.2581894	0.45514769	0.12930145	0.30077861
112268289	ENSG00000286367	4.79409158	-0.00570342	0.36622756	0.95737632	0.98264776
NA	ENSG00000286368	3.03657381	0.08420945	0.388159	0.33590128	0.56585025
NA	ENSG00000286369	4.36529397	0.07718298	0.37681137	0.49970469	0.71690947
NA	ENSG00000286370	0.34110158	0.02362646	0.38535339	0.62411024	NA
NA	ENSG00000286371	0	NA	NA	NA	NA
NA	ENSG00000286372	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286373	49.6920353	-0.11215263	0.26808381	0.56461711	0.7670095
NA	ENSG00000286374	0	NA	NA	NA	NA
NA	ENSG00000286375	0.99929199	0.03468374	0.3825447	0.56549717	NA
NA	ENSG00000286376	0	NA	NA	NA	NA
NA	ENSG00000286377	0	NA	NA	NA	NA
NA	ENSG00000286378	0.3469095	0.00040821	0.38336244	0.96459498	NA
NA	ENSG00000286379	11.9211281	0.46586552	0.63072949	0.05113267	0.15166274
105375501	ENSG00000286380	0.173733	0.01914545	0.38484597	0.78225479	NA
105373085	ENSG00000286381	0.34048358	-0.0002456	0.38336239	0.9675806	NA
NA	ENSG00000286382	0	NA	NA	NA	NA
NA	ENSG00000286383	0	NA	NA	NA	NA
NA	ENSG00000286384	0	NA	NA	NA	NA
NA	ENSG00000286385	0	NA	NA	NA	NA
NA	ENSG00000286386	0	NA	NA	NA	NA
NA	ENSG00000286387	0	NA	NA	NA	NA
NA	ENSG00000286388	172.594479	-0.05487463	0.16252418	0.70845265	0.8597973
105373289	ENSG00000286389	16.222643	0.226386	0.37562078	0.25429717	0.47479259
NA	ENSG00000286390	0	NA	NA	NA	NA
107985206	ENSG00000286391	43.7603635	-1.08031809	0.3905262	0.00051018	0.00328419
NA	ENSG00000286393	0	NA	NA	NA	NA
NA	ENSG00000286394	0	NA	NA	NA	NA
NA	ENSG00000286395	0.173733	0.01914545	0.38484597	0.78225479	NA

NA	ENSG00000286396	0	NA	NA	NA	NA
NA	ENSG00000286397	0	NA	NA	NA	NA
NA	ENSG00000286398	0	NA	NA	NA	NA
NA	ENSG00000286399	0	NA	NA	NA	NA
NA	ENSG00000286400	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000286401	0	NA	NA	NA	NA
NA	ENSG00000286402	0	NA	NA	NA	NA
NA	ENSG00000286403	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286404	0	NA	NA	NA	NA
NA	ENSG00000286405	0	NA	NA	NA	NA
NA	ENSG00000286406	42.0267611	0.08161312	0.26181183	0.67432347	0.84019291
NA	ENSG00000286407	2.54223447	0.05736494	0.38083626	0.5084313	NA
NA	ENSG00000286408	12.7382022	-0.18582704	0.3723548	0.31191846	0.53958168
NA	ENSG00000286409	0.78742621	-0.03571395	0.38377143	0.51550849	NA
NA	ENSG00000286410	0	NA	NA	NA	NA
NA	ENSG00000286411	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286412	0.79602116	-0.04547981	0.38787308	0.32285141	NA
NA	ENSG00000286413	0	NA	NA	NA	NA
NA	ENSG00000286414	0.92203964	-0.06316035	0.39092907	0.21892645	NA
NA	ENSG00000286415	0.70442538	0.05124626	0.38859678	0.29598644	NA
NA	ENSG00000286416	21.2704668	-0.22583172	0.35575541	0.26775612	0.49033426
NA	ENSG00000286417	0	NA	NA	NA	NA
NA	ENSG00000286418	0.34047292	-0.00020708	0.38336232	0.9672155	NA
NA	ENSG00000286419	0	NA	NA	NA	NA
NA	ENSG00000286420	0	NA	NA	NA	NA
105372937	ENSG00000286421	0	NA	NA	NA	NA
NA	ENSG00000286422	0	NA	NA	NA	NA
NA	ENSG00000286423	1.57723862	-0.11066795	0.40575503	0.06200095	NA
NA	ENSG00000286424	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000286425	0	NA	NA	NA	NA
NA	ENSG00000286426	0	NA	NA	NA	NA
NA	ENSG00000286427	2.31391284	0.04004698	0.37550487	0.6721576	NA
NA	ENSG00000286428	0	NA	NA	NA	NA
102724319	ENSG00000286429	1.19528028	0.00149711	0.3803352	0.98004524	NA
NA	ENSG00000286430	6.14087229	-0.05017791	0.36625127	0.68359808	0.84581141
NA	ENSG00000286431	284.202209	0.04909251	0.13517421	0.69894155	0.8548268
NA	ENSG00000286432	0	NA	NA	NA	NA
NA	ENSG00000286433	0.44795842	-0.02501848	0.38558245	0.5807882	NA

NA	ENSG00000286434	0	NA	NA	NA	NA
NA	ENSG00000286435	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286436	0	NA	NA	NA	NA
NA	ENSG00000286437	3.48575261	0.09005836	0.3828873	0.40777091	0.63603571
NA	ENSG00000286438	0	NA	NA	NA	NA
NA	ENSG00000286439	0	NA	NA	NA	NA
NA	ENSG00000286440	0	NA	NA	NA	NA
107986376	ENSG00000286441	0	NA	NA	NA	NA
NA	ENSG00000286442	0	NA	NA	NA	NA
NA	ENSG00000286443	22.8564932	0.09687087	0.33902498	0.58397498	0.78020525
NA	ENSG00000286444	2.50737793	-0.02483531	0.37384818	0.7882029	NA
NA	ENSG00000286445	7.63152456	0.04071175	0.35839419	0.76814938	0.89321994
NA	ENSG00000286446	0	NA	NA	NA	NA
NA	ENSG00000286447	6.555272	-1.31029375	2.96082826	0.01006725	0.04165471
NA	ENSG00000286448	0	NA	NA	NA	NA
NA	ENSG00000286449	34.4142591	0.03970711	0.27577053	0.83869796	0.92674595
NA	ENSG00000286450	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000286451	27.4912268	-0.18095149	0.33148983	0.36306914	0.59281472
NA	ENSG00000286452	0	NA	NA	NA	NA
NA	ENSG00000286453	0	NA	NA	NA	NA
NA	ENSG00000286454	0	NA	NA	NA	NA
NA	ENSG00000286455	0	NA	NA	NA	NA
NA	ENSG00000286456	43.1606518	0.00361251	0.29304015	0.98690845	0.99565021
NA	ENSG00000286457	0.81434439	-0.01152316	0.38028654	0.84970521	NA
NA	ENSG00000286458	0	NA	NA	NA	NA
NA	ENSG00000286459	36.7255086	0.20068052	0.30149458	0.32821732	0.55670955
NA	ENSG00000286460	8.32603614	-0.03434697	0.34763707	0.81946192	0.91765674
NA	ENSG00000286461	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000286462	0	NA	NA	NA	NA
NA	ENSG00000286463	0	NA	NA	NA	NA
NA	ENSG00000286464	0	NA	NA	NA	NA
NA	ENSG00000286465	0	NA	NA	NA	NA
NA	ENSG00000286466	0	NA	NA	NA	NA
NA	ENSG00000286467	0	NA	NA	NA	NA
NA	ENSG00000286468	0	NA	NA	NA	NA
NA	ENSG00000286469	0	NA	NA	NA	NA
NA	ENSG00000286470	0	NA	NA	NA	NA
NA	ENSG00000286471	0	NA	NA	NA	NA

NA	ENSG00000286472	0.47497082	-0.00864618	0.38281767	0.8545254	NA
NA	ENSG00000286473	1.2451479	-0.08899173	0.39778647	0.11199166	NA
NA	ENSG00000286474	0	NA	NA	NA	NA
NA	ENSG00000286475	0	NA	NA	NA	NA
NA	ENSG00000286476	0	NA	NA	NA	NA
102723684	ENSG00000286477	0	NA	NA	NA	NA
NA	ENSG00000286478	0	NA	NA	NA	NA
NA	ENSG00000286479	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286480	0.53910477	0.01420991	0.38348564	0.7354271	NA
NA	ENSG00000286481	0	NA	NA	NA	NA
NA	ENSG00000286482	56.2592933	0.64047578	0.33442645	0.01068468	0.0437622
NA	ENSG00000286483	1.5197603	-0.00207859	0.37710105	0.97711553	NA
NA	ENSG00000286484	0	NA	NA	NA	NA
NA	ENSG00000286485	21.0221583	-0.18197131	0.34070215	0.35492954	0.58535346
NA	ENSG00000286486	0	NA	NA	NA	NA
NA	ENSG00000286487	0	NA	NA	NA	NA
NA	ENSG00000286488	3.99582625	-0.01123318	0.36532595	0.92088888	0.96670947
NA	ENSG00000286489	0	NA	NA	NA	NA
NA	ENSG00000286490	0	NA	NA	NA	NA
105373044	ENSG00000286491	0.68507071	-0.01976497	0.38290628	0.66091013	NA
NA	ENSG00000286492	0	NA	NA	NA	NA
NA	ENSG00000286493	0	NA	NA	NA	NA
NA	ENSG00000286494	0	NA	NA	NA	NA
NA	ENSG00000286495	0	NA	NA	NA	NA
NA	ENSG00000286496	13.824711	-0.576085	0.69108043	0.0369966	0.11835094
NA	ENSG00000286497	0	NA	NA	NA	NA
NA	ENSG00000286498	0.34685963	0.00014551	0.38336205	0.9670787	NA
NA	ENSG00000286499	0	NA	NA	NA	NA
NA	ENSG00000286500	0.65523757	0.00564697	0.38198012	0.90432265	NA
NA	ENSG00000286501	0	NA	NA	NA	NA
NA	ENSG00000286502	0	NA	NA	NA	NA
NA	ENSG00000286503	1.50299861	0.04991064	0.3812992	0.52636641	NA
NA	ENSG00000286504	0	NA	NA	NA	NA
NA	ENSG00000286505	0	NA	NA	NA	NA
102724904	ENSG00000286506	0	NA	NA	NA	NA
NA	ENSG00000286507	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286508	0	NA	NA	NA	NA
NA	ENSG00000286509	0	NA	NA	NA	NA

NA	ENSG00000286510	0	NA	NA	NA	NA	
NA	ENSG00000286511	10.9972065	-0.25170549	0.42939139	0.16782439	0.35875832	
NA	ENSG00000286512	3.25115062	-0.04652922	0.37358229	0.65144987	0.82589873	
NA	ENSG00000286513	0	NA	NA	NA	NA	
NA	ENSG00000286514	0	NA	NA	NA	NA	
NA	ENSG00000286515	0	NA	NA	NA	NA	
NA	ENSG00000286516	0	NA	NA	NA	NA	
NA	ENSG00000286517	0	NA	NA	NA	NA	
NA	ENSG00000286518	0	NA	NA	NA	NA	
NA	ENSG00000286519	7.19418328	-0.05742541	0.3571179	0.68751738	0.84817465	
NA	ENSG00000286520	0	NA	NA	NA	NA	
NA	ENSG00000286521	0	NA	NA	NA	NA	
8358	ENSG00000286522	3.72970397	-0.09733984	0.38712519	0.34974507	0.58009871	H3C2
NA	ENSG00000286523	0	NA	NA	NA	NA	
NA	ENSG00000286524	0	NA	NA	NA	NA	
NA	ENSG00000286525	0	NA	NA	NA	NA	
NA	ENSG00000286526	0	NA	NA	NA	NA	
NA	ENSG00000286527	0.66519946	0.00598431	0.38137645	0.90734797	NA	
NA	ENSG00000286528	0	NA	NA	NA	NA	
NA	ENSG00000286529	1.66919968	0.06318523	0.38429095	0.42350932	NA	
NA	ENSG00000286530	0	NA	NA	NA	NA	
NA	ENSG00000286531	0	NA	NA	NA	NA	
NA	ENSG00000286532	30.403348	0.03180381	0.28984897	0.86974457	0.9431939	PARTICL
NA	ENSG00000286533	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000286534	0	NA	NA	NA	NA	
NA	ENSG00000286535	6.78966816	-0.17160556	0.39729755	0.26447405	0.48671731	
NA	ENSG00000286536	0	NA	NA	NA	NA	
NA	ENSG00000286537	0	NA	NA	NA	NA	
NA	ENSG00000286538	0.49756614	0.01137016	0.38337654	0.78175317	NA	
NA	ENSG00000286539	0	NA	NA	NA	NA	
NA	ENSG00000286540	0	NA	NA	NA	NA	
NA	ENSG00000286541	0	NA	NA	NA	NA	
NA	ENSG00000286542	1.54472419	0.08784444	0.39500307	0.15689234	NA	
NA	ENSG00000286543	1.67635601	0.03688228	0.3792307	0.63782742	NA	
NA	ENSG00000286544	0	NA	NA	NA	NA	
NA	ENSG00000286545	88.9925498	-0.4466924	0.26154994	0.03181192	0.10505134	
613266	ENSG00000286546	0.32422302	-0.0232762	0.38532183	0.66837895	NA	
NA	ENSG00000286547	0	NA	NA	NA	NA	

NA	ENSG00000286548	4.60472474	0.07072287	0.37319316	0.55115882	0.75759119
NA	ENSG00000286549	0.65487687	0.02006841	0.38367307	0.63817521	NA
NA	ENSG00000286550	1.72386785	0.03880404	0.3784353	0.63855912	NA
NA	ENSG00000286551	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286552	0	NA	NA	NA	NA
NA	ENSG00000286553	0	NA	NA	NA	NA
NA	ENSG00000286554	0	NA	NA	NA	NA
NA	ENSG00000286555	2.68308828	-0.01001503	0.37319779	0.91154758	0.96233193
NA	ENSG00000286556	0	NA	NA	NA	NA
NA	ENSG00000286557	0	NA	NA	NA	NA
NA	ENSG00000286558	0	NA	NA	NA	NA
NA	ENSG00000286559	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000286561	0	NA	NA	NA	NA
NA	ENSG00000286562	0	NA	NA	NA	NA
NA	ENSG00000286563	0.49301126	0.01560647	0.38320171	0.74017593	NA
NA	ENSG00000286564	0	NA	NA	NA	NA
NA	ENSG00000286565	0.5236849	0.03152913	0.38609364	0.47182565	NA
NA	ENSG00000286566	0	NA	NA	NA	NA
NA	ENSG00000286567	0	NA	NA	NA	NA
NA	ENSG00000286568	0.32479768	0.0024512	0.38338192	0.95760849	NA
NA	ENSG00000286569	0	NA	NA	NA	NA
NA	ENSG00000286570	0	NA	NA	NA	NA
NA	ENSG00000286571	0	NA	NA	NA	NA
NA	ENSG00000286572	0	NA	NA	NA	NA
NA	ENSG00000286573	0	NA	NA	NA	NA
107984265	ENSG00000286575	5.31411916	0.11884615	0.38634086	0.34858487	0.57927162
NA	ENSG00000286576	0.30139824	-0.02296476	0.38527817	0.68536535	NA
NA	ENSG00000286577	0.68247098	0.00445144	0.38130641	0.93084475	NA
NA	ENSG00000286578	0	NA	NA	NA	NA
NA	ENSG00000286579	1.0657602	-0.07400963	0.39350404	0.16369868	NA
NA	ENSG00000286580	0	NA	NA	NA	NA
NA	ENSG00000286581	0	NA	NA	NA	NA
NA	ENSG00000286582	0	NA	NA	NA	NA
NA	ENSG00000286583	0.62024682	-0.01622452	0.38340428	0.71372494	NA
NA	ENSG00000286584	4.77556676	0.03939272	0.36424645	0.75345343	0.88478934
NA	ENSG00000286585	3.38368616	-0.00887929	0.37047182	0.92788279	0.96977267
NA	ENSG00000286586	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000286587	0	NA	NA	NA	NA

NA	ENSG00000286588	9.87956915	0.02341128	0.34213081	0.88433233	0.94931033	
NA	ENSG00000286589	0	NA	NA	NA	NA	
NA	ENSG00000286590	0.52885382	0.01307196	0.38341975	0.75260376	NA	
NA	ENSG00000286591	1.92166762	0.01990722	0.37844552	0.78604336	NA	
NA	ENSG00000286592	0	NA	NA	NA	NA	LINC02885
NA	ENSG00000286593	0	NA	NA	NA	NA	
NA	ENSG00000286594	2.67152676	0.03835029	0.37316307	0.70516146	0.85803894	
NA	ENSG00000286595	0	NA	NA	NA	NA	
NA	ENSG00000286596	0	NA	NA	NA	NA	
NA	ENSG00000286597	0	NA	NA	NA	NA	
105370728	ENSG00000286598	0	NA	NA	NA	NA	
NA	ENSG00000286599	29.5585118	-0.25764834	0.33957027	0.22509944	0.43891626	
NA	ENSG00000286600	0	NA	NA	NA	NA	
NA	ENSG00000286601	0	NA	NA	NA	NA	
NA	ENSG00000286602	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000286603	0	NA	NA	NA	NA	
NA	ENSG00000286604	0	NA	NA	NA	NA	
NA	ENSG00000286605	0	NA	NA	NA	NA	
NA	ENSG00000286606	12.3952807	0.11481843	0.35519782	0.4948375	0.71369409	
NA	ENSG00000286607	1.13546876	-0.03696854	0.381403	0.58651441	NA	
NA	ENSG00000286608	1.87700721	0.06801497	0.38614391	0.37348106	NA	
NA	ENSG00000286609	0	NA	NA	NA	NA	
NA	ENSG00000286610	2.66990204	-0.04386247	0.3742253	0.65971396	0.8312756	
NA	ENSG00000286611	0	NA	NA	NA	NA	
NA	ENSG00000286612	0	NA	NA	NA	NA	
NA	ENSG00000286613	5.66036841	-0.01211977	0.35768969	0.92536592	0.96892907	
NA	ENSG00000286614	36.074545	-0.07737376	0.27570014	0.68914016	0.8490152	
NA	ENSG00000286615	0.8788244	0.06220936	0.39076241	0.21290698	NA	
NA	ENSG00000286616	4.63459643	-0.10851066	0.3810988	0.39682633	0.62588715	
NA	ENSG00000286617	0	NA	NA	NA	NA	
NA	ENSG00000286618	0	NA	NA	NA	NA	
NA	ENSG00000286619	269.338034	0.12480652	0.14468626	0.35209091	0.5820803	
NA	ENSG00000286620	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000286621	0	NA	NA	NA	NA	
NA	ENSG00000286622	0.64075491	-0.02490706	0.38293474	0.63926895	NA	
NA	ENSG00000286623	3.9185577	-0.1935361	0.43937476	0.09323911	0.23658576	
NA	ENSG00000286624	0	NA	NA	NA	NA	
NA	ENSG00000286625	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000286626	2.24243755	0.08848801	0.3874525	0.3482299	NA	
NA	ENSG00000286627	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000286628	0	NA	NA	NA	NA	
NA	ENSG00000286629	0	NA	NA	NA	NA	
NA	ENSG00000286630	0.34746601	0.02370763	0.3853651	0.61987128	NA	
NA	ENSG00000286631	0	NA	NA	NA	NA	
NA	ENSG00000286632	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000286633	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000286634	3.39550248	0.05589603	0.3715855	0.62455111	0.80860493	
NA	ENSG00000286635	0.46367757	-0.0071095	0.38324134	0.87490906	NA	
NA	ENSG00000286636	0.66943461	0.03059546	0.38616409	0.42784935	NA	
NA	ENSG00000286637	0	NA	NA	NA	NA	
NA	ENSG00000286638	1.13126718	-0.03157666	0.38170383	0.61338068	NA	
NA	ENSG00000286639	0	NA	NA	NA	NA	
NA	ENSG00000286640	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000286641	0	NA	NA	NA	NA	
NA	ENSG00000286642	2.39598817	0.07042332	0.38208516	0.45189459	NA	
NA	ENSG00000286643	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000286644	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000286645	0.32302702	0.00139256	0.38336859	0.96774783	NA	
NA	ENSG00000286646	0	NA	NA	NA	NA	
NA	ENSG00000286647	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
NA	ENSG00000286648	0	NA	NA	NA	NA	
NA	ENSG00000286649	0.5972779	-0.02732172	0.38586499	0.50076333	NA	
NA	ENSG00000286650	3.67963556	0.06655269	0.37430673	0.55783509	0.76280883	
NA	ENSG00000286651	0.51012343	0.03066183	0.38599082	0.48709274	NA	PRSS43P
NA	ENSG00000286652	0.83618442	0.01602308	0.38118764	0.77594841	NA	
NA	ENSG00000286653	0	NA	NA	NA	NA	
NA	ENSG00000286654	0	NA	NA	NA	NA	
NA	ENSG00000286655	7.64298005	0.20098554	0.41280633	0.21016769	0.41873137	
NA	ENSG00000286656	0	NA	NA	NA	NA	
NA	ENSG00000286657	6.36361288	-0.16516769	0.39868008	0.26073565	0.48269458	
NA	ENSG00000286658	0	NA	NA	NA	NA	
NA	ENSG00000286659	2.58434552	-0.00935101	0.37149295	0.92243727	0.96749493	
NA	ENSG00000286660	0	NA	NA	NA	NA	
NA	ENSG00000286661	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000286662	0	NA	NA	NA	NA	
NA	ENSG00000286663	0	NA	NA	NA	NA	

NA	ENSG00000286664	0	NA	NA	NA	NA	
NA	ENSG00000286665	0	NA	NA	NA	NA	
NA	ENSG00000286666	0	NA	NA	NA	NA	
NA	ENSG00000286667	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000286668	0	NA	NA	NA	NA	
NA	ENSG00000286669	9.00314895	-0.22830418	0.43101137	0.16632703	0.35682615	
NA	ENSG00000286670	0	NA	NA	NA	NA	
NA	ENSG00000286671	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000286672	1.98874512	0.01378243	0.37395305	0.87961158	NA	
NA	ENSG00000286674	0	NA	NA	NA	NA	
NA	ENSG00000286675	9.93915483	-0.0496316	0.34206018	0.75728612	0.88697677	
NA	ENSG00000286676	0.16735865	0.01897177	0.38482933	0.78225479	NA	ACTBP4
NA	ENSG00000286677	3.22214615	0.06714788	0.38281611	0.44736441	0.67128346	
NA	ENSG00000286678	0	NA	NA	NA	NA	
107985953	ENSG00000286679	0	NA	NA	NA	NA	
NA	ENSG00000286680	0	NA	NA	NA	NA	
NA	ENSG00000286681	53.3732058	-0.29785938	0.30706361	0.16469713	0.3543692	
NA	ENSG00000286682	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000286683	0	NA	NA	NA	NA	
NA	ENSG00000286684	0	NA	NA	NA	NA	
NA	ENSG00000286685	0	NA	NA	NA	NA	
NA	ENSG00000286686	0.62148574	-0.03607755	0.38660139	0.4289048	NA	
NA	ENSG00000286687	0	NA	NA	NA	NA	
NA	ENSG00000286688	3.11616134	0.00549576	0.37089326	0.95786958	0.98268084	
NA	ENSG00000286689	12.0908915	-0.06603877	0.33739239	0.69605242	0.8531867	
NA	ENSG00000286690	0	NA	NA	NA	NA	
107986631	ENSG00000286691	0	NA	NA	NA	NA	
NA	ENSG00000286692	0.35714874	0.02382043	0.38538158	0.61378098	NA	
NA	ENSG00000286693	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286694	0.49832483	-0.00941461	0.38279284	0.8380646	NA	
NA	ENSG00000286695	0	NA	NA	NA	NA	
NA	ENSG00000286696	1.95373199	-0.01505507	0.37552748	0.85707199	NA	
NA	ENSG00000286697	0	NA	NA	NA	NA	
NA	ENSG00000286698	0	NA	NA	NA	NA	
NA	ENSG00000286699	28.9130976	-0.05385715	0.29274547	0.77690536	0.89761253	
NA	ENSG00000286700	0.48918406	0.0113498	0.38339811	0.78403402	NA	
NA	ENSG00000286701	0	NA	NA	NA	NA	
NA	ENSG00000286703	0.18922458	0.01954053	0.38488496	0.78225479	NA	

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NA	ENSG00000286705	3.92525633	-0.08398981	0.38168434	0.4288773	0.65462623
NA	ENSG00000286707	2.89844451	0.07890103	0.38359135	0.41635145	0.64306408
NA	ENSG00000286708	0	NA	NA	NA	NA
NA	ENSG00000286709	0	NA	NA	NA	NA
116435278	ENSG00000286710	0	NA	NA	NA	NA
NA	ENSG00000286711	0	NA	NA	NA	NA
NA	ENSG00000286712	0	NA	NA	NA	NA
NA	ENSG00000286713	0	NA	NA	NA	NA
NA	ENSG00000286714	0	NA	NA	NA	NA
NA	ENSG00000286715	0	NA	NA	NA	NA
NA	ENSG00000286716	0	NA	NA	NA	NA
NA	ENSG00000286717	0	NA	NA	NA	NA
NA	ENSG00000286718	0.77333634	-0.05441909	0.38913761	0.28450718	NA
NA	ENSG00000286719	0	NA	NA	NA	NA
NA	ENSG00000286720	0	NA	NA	NA	NA
NA	ENSG00000286721	2.56897715	0.03324031	0.3735553	0.73384229	0.87327664
NA	ENSG00000286722	1.21478189	0.01807118	0.38004684	0.77801274	NA
NA	ENSG00000286723	0.49808047	-0.01031526	0.38284096	0.82652867	NA
101928415	ENSG00000286724	20.2010801	0.09087101	0.32792783	0.61910663	0.80528916
NA	ENSG00000286725	0	NA	NA	NA	NA
NA	ENSG00000286727	0	NA	NA	NA	NA
NA	ENSG00000286728	0.72583446	0.04263364	0.38745839	0.33489864	NA
NA	ENSG00000286729	3.16708802	2.20E-06	0.36737659	0.99830199	0.99941443
NA	ENSG00000286730	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286731	0	NA	NA	NA	NA
NA	ENSG00000286732	12.0567119	0.11198002	0.34875929	0.51763058	0.73141449
101927505	ENSG00000286733	22.7227047	0.10212387	0.3239369	0.58463168	0.78071566
NA	ENSG00000286734	0	NA	NA	NA	NA
NA	ENSG00000286735	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286736	0	NA	NA	NA	NA
NA	ENSG00000286737	0	NA	NA	NA	NA
NA	ENSG00000286738	0	NA	NA	NA	NA
NA	ENSG00000286739	0.52119901	0.02576573	0.38568143	0.51723676	NA
NA	ENSG00000286740	0	NA	NA	NA	NA
NA	ENSG00000286741	2.03425472	0.08741638	0.39037868	0.29467491	NA
NA	ENSG00000286742	4.38304112	0.17145736	0.42266899	0.13352072	0.30735016
NA	ENSG00000286743	0.68581147	0.00050839	0.38184153	0.99016254	NA

NA	ENSG00000286744	0	NA	NA	NA	NA
NA	ENSG00000286745	0	NA	NA	NA	NA
NA	ENSG00000286746	2.27276895	-0.01953266	0.37546161	0.813137	NA
NA	ENSG00000286747	14.4510794	0.06806053	0.33559411	0.69427322	0.85205868
NA	ENSG00000286748	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286749	0	NA	NA	NA	NA
NA	ENSG00000286750	0	NA	NA	NA	NA
NA	ENSG00000286751	0	NA	NA	NA	NA
NA	ENSG00000286752	0	NA	NA	NA	NA
NA	ENSG00000286753	8.11204193	0.12121852	0.37005226	0.43235757	0.65788827
NA	ENSG00000286754	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286755	0.32463936	0.00149904	0.38336954	0.96595537	NA
NA	ENSG00000286756	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286757	11.6675381	0.08596084	0.34473659	0.61003586	0.79837997
NA	ENSG00000286758	0	NA	NA	NA	NA
NA	ENSG00000286759	0	NA	NA	NA	NA
100289495	ENSG00000286760	45.0604184	-0.00506596	0.26449244	0.97730492	0.99232877
NA	ENSG00000286761	0	NA	NA	NA	NA
NA	ENSG00000286763	2.29133935	-0.06485826	0.38184568	0.46745358	NA
NA	ENSG00000286764	0	NA	NA	NA	NA
NA	ENSG00000286765	0	NA	NA	NA	NA
NA	ENSG00000286766	0	NA	NA	NA	NA
NA	ENSG00000286767	0	NA	NA	NA	NA
NA	ENSG00000286769	0	NA	NA	NA	NA
NA	ENSG00000286770	0	NA	NA	NA	NA
NA	ENSG00000286771	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286772	0	NA	NA	NA	NA
NA	ENSG00000286773	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286774	0	NA	NA	NA	NA
NA	ENSG00000286775	0	NA	NA	NA	NA
NA	ENSG00000286776	0	NA	NA	NA	NA
NA	ENSG00000286777	0	NA	NA	NA	NA
NA	ENSG00000286778	0	NA	NA	NA	NA
NA	ENSG00000286779	0	NA	NA	NA	NA
NA	ENSG00000286780	0	NA	NA	NA	NA
NA	ENSG00000286781	2.23270529	0.08902388	0.387422	0.34885798	NA
NA	ENSG00000286782	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286784	0	NA	NA	NA	NA

285768	ENSG00000286785	0	NA	NA	NA	NA	LINC01622
NA	ENSG00000286786	19.632306	-0.15601979	0.3440217	0.40810449	0.63634022	
105372493	ENSG00000286787	2.76803543	0.04609233	0.37504834	0.64172307	0.82066429	
NA	ENSG00000286788	0	NA	NA	NA	NA	
NA	ENSG00000286789	0	NA	NA	NA	NA	
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NA	ENSG00000286791	0.78706685	-0.02783812	0.38346595	0.55997956	NA	
NA	ENSG00000286792	0	NA	NA	NA	NA	
NA	ENSG00000286793	0	NA	NA	NA	NA	
105373299	ENSG00000286794	0	NA	NA	NA	NA	
NA	ENSG00000286795	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000286796	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286797	0	NA	NA	NA	NA	
102725080	ENSG00000286798	0	NA	NA	NA	NA	
NA	ENSG00000286799	0.68709227	0.04015618	0.387127	0.358996	NA	
NA	ENSG00000286800	0	NA	NA	NA	NA	
NA	ENSG00000286801	0	NA	NA	NA	NA	
NA	ENSG00000286802	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000286803	0	NA	NA	NA	NA	
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NA	ENSG00000286805	0	NA	NA	NA	NA	
NA	ENSG00000286806	1.08887092	0.06154383	0.39092067	0.1830315	NA	
NA	ENSG00000286807	0	NA	NA	NA	NA	
NA	ENSG00000286808	45.8131001	0.04502228	0.26716999	0.81717374	0.91675019	
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NA	ENSG00000286810	0	NA	NA	NA	NA	
NA	ENSG00000286811	0	NA	NA	NA	NA	
NA	ENSG00000286812	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000286813	7.33505111	0.09681541	0.36610093	0.50918399	0.72484827	
NA	ENSG00000286815	0	NA	NA	NA	NA	
NA	ENSG00000286816	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286817	7.39047825	-0.08515446	0.36883016	0.52740248	0.73916821	
NA	ENSG00000286818	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000286819	0.16735865	0.01897177	0.38482933	0.78225479	NA	
101927072	ENSG00000286820	0	NA	NA	NA	NA	
112268472	ENSG00000286821	0	NA	NA	NA	NA	
105374134	ENSG00000286822	0	NA	NA	NA	NA	
NA	ENSG00000286823	0.36281997	0.02389382	0.38539226	0.61003321	NA	

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NA	ENSG00000286825	0.68711994	0.00028445	0.38183864	0.99388528	NA
NA	ENSG00000286826	0	NA	NA	NA	NA
NA	ENSG00000286827	6.77511238	-0.14848988	0.3888073	0.31035859	0.53805614
NA	ENSG00000286828	1.8312897	0.02449018	0.37864141	0.74257389	NA
NA	ENSG00000286829	0	NA	NA	NA	NA
NA	ENSG00000286830	1.87580934	0.02400962	0.37672411	0.77094572	NA
NA	ENSG00000286831	0	NA	NA	NA	NA
NA	ENSG00000286832	0	NA	NA	NA	NA
NA	ENSG00000286833	8.38969964	0.18405511	0.39860439	0.25726559	0.47832659
NA	ENSG00000286834	180.979215	0.15370239	0.16132096	0.29398406	0.52021105
NA	ENSG00000286835	14.4560435	-0.02145884	0.33099428	0.89717906	0.95488961
NA	ENSG00000286836	1.58464229	-0.07357544	0.39122803	0.20792045	NA
NA	ENSG00000286837	5.66784274	0.1275874	0.38660757	0.34011535	0.57050123
NA	ENSG00000286838	0.173733	0.01914545	0.38484597	0.78225479	NA
105379127	ENSG00000286839	0	NA	NA	NA	NA
NA	ENSG00000286840	0	NA	NA	NA	NA
NA	ENSG00000286841	0	NA	NA	NA	NA
NA	ENSG00000286842	0	NA	NA	NA	NA
NA	ENSG00000286843	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000286844	0	NA	NA	NA	NA
NA	ENSG00000286845	0	NA	NA	NA	NA
NA	ENSG00000286846	9.98426539	-0.05890407	0.34246065	0.7168385	0.8637162
105375216	ENSG00000286847	0.94215957	-0.04680842	0.38506129	0.4106815	NA
NA	ENSG00000286848	0	NA	NA	NA	NA
NA	ENSG00000286849	0.37844916	0.02407552	0.3854191	0.60038877	NA
NA	ENSG00000286850	0	NA	NA	NA	NA
NA	ENSG00000286851	0	NA	NA	NA	NA
NA	ENSG00000286852	0	NA	NA	NA	NA
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NA	ENSG00000286854	0	NA	NA	NA	NA
NA	ENSG00000286855	0.34624801	-0.02356563	0.38536324	0.65270996	NA
NA	ENSG00000286856	0	NA	NA	NA	NA
NA	ENSG00000286857	0	NA	NA	NA	NA
NA	ENSG00000286858	0	NA	NA	NA	NA
NA	ENSG00000286860	0	NA	NA	NA	NA
NA	ENSG00000286861	5.14257768	0.15161455	0.40019085	0.25229149	0.47222371
NA	ENSG00000286862	0	NA	NA	NA	NA

NA	ENSG00000286863	5.36951069	-0.24232332	0.48744954	0.03353704	0.10961695
NA	ENSG00000286864	2.33499297	-0.15503122	0.42408019	0.05560937	NA
NA	ENSG00000286865	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286866	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286867	0	NA	NA	NA	NA
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NA	ENSG00000286871	0	NA	NA	NA	NA
NA	ENSG00000286872	10.7192049	0.23898896	0.42883838	0.17202809	0.36458
NA	ENSG00000286873	14.561687	-0.02929618	0.32802079	0.86363699	0.93960776
NA	ENSG00000286874	3.34869944	-0.17853412	0.43110368	0.0980024	0.24550095
NA	ENSG00000286875	0	NA	NA	NA	NA
NA	ENSG00000286876	0	NA	NA	NA	NA
NA	ENSG00000286877	1.75844161	-0.02764039	0.37752296	0.73037896	NA
NA	ENSG00000286878	0.71318353	0.04204826	0.38737434	0.34133032	NA
NA	ENSG00000286879	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000286880	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000286881	1.76610533	-0.00446492	0.37646071	0.95364742	NA
NA	ENSG00000286882	0	NA	NA	NA	NA
NA	ENSG00000286883	25.9184784	-0.02589882	0.30348995	0.88878593	0.95146564
NA	ENSG00000286884	0	NA	NA	NA	NA
NA	ENSG00000286885	6.27384878	0.13577642	0.39564809	0.26397485	0.48609939
NA	ENSG00000286886	19.9999779	-1.07039358	0.64582943	0.00612397	0.02759471
NA	ENSG00000286887	0	NA	NA	NA	NA
NA	ENSG00000286888	0.50071496	0.01177752	0.383397	0.7755175	NA
NA	ENSG00000286889	0	NA	NA	NA	NA
NA	ENSG00000286890	0	NA	NA	NA	NA
NA	ENSG00000286891	0	NA	NA	NA	NA
NA	ENSG00000286892	2.42206767	0.09652056	0.39038606	0.30605709	NA
NA	ENSG00000286893	0	NA	NA	NA	NA
NA	ENSG00000286894	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000286895	0.97521765	0.00424385	0.38089202	0.93881288	NA
NA	ENSG00000286896	0	NA	NA	NA	NA
NA	ENSG00000286897	0	NA	NA	NA	NA
105376806	ENSG00000286898	0.32378453	0.00191647	0.38337425	0.96273424	NA
NA	ENSG00000286899	0.82401124	0.01651394	0.381955	0.74915811	NA
NA	ENSG00000286900	2.19895714	0.10348067	0.39491516	0.24322493	NA

NA	ENSG00000286901	0	NA	NA	NA	NA	
NA	ENSG00000286902	0	NA	NA	NA	NA	
NA	ENSG00000286903	0.7978927	-0.05678814	0.38955584	0.26913418	NA	
NA	ENSG00000286904	1.02117312	0.03346046	0.38149162	0.60512006	NA	
NA	ENSG00000286905	53.4373329	0.42076812	0.31886634	0.06515604	0.18206982	
NA	ENSG00000286906	0	NA	NA	NA	NA	
NA	ENSG00000286907	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000286908	0	NA	NA	NA	NA	
NA	ENSG00000286909	29.0613423	0.44969328	0.40697374	0.06940636	0.19027528	
NA	ENSG00000286910	0	NA	NA	NA	NA	
NA	ENSG00000286911	0.56767373	0.02627943	0.38574813	0.49686938	NA	
NA	ENSG00000286912	2.00853725	0.00914277	0.37519334	0.91519396	NA	
NA	ENSG00000286913	0	NA	NA	NA	NA	
NA	ENSG00000286914	0	NA	NA	NA	NA	
NA	ENSG00000286915	0	NA	NA	NA	NA	
NA	ENSG00000286916	0	NA	NA	NA	NA	
NA	ENSG00000286917	0	NA	NA	NA	NA	
NA	ENSG00000286918	0.61234863	-0.0356613	0.38655259	0.43461759	NA	
NA	ENSG00000286919	0	NA	NA	NA	NA	
113523636	ENSG00000286920	0	NA	NA	NA	NA	SMIM40
NA	ENSG00000286921	0	NA	NA	NA	NA	
NA	ENSG00000286922	0	NA	NA	NA	NA	
105375423	ENSG00000286923	0	NA	NA	NA	NA	
NA	ENSG00000286924	5.51900612	-0.12036793	0.38534808	0.35237128	0.58234454	
NA	ENSG00000286926	0	NA	NA	NA	NA	
NA	ENSG00000286927	0	NA	NA	NA	NA	
NA	ENSG00000286928	0	NA	NA	NA	NA	
NA	ENSG00000286929	0	NA	NA	NA	NA	
NA	ENSG00000286931	22.4020959	-0.01767147	0.31118137	0.9227505	0.96767112	
NA	ENSG00000286932	0.52733761	0.0113867	0.38329012	0.76253286	NA	
NA	ENSG00000286933	0.33471731	0.02354391	0.38534154	0.62842204	NA	
NA	ENSG00000286934	0	NA	NA	NA	NA	
NA	ENSG00000286935	0	NA	NA	NA	NA	
NA	ENSG00000286936	0	NA	NA	NA	NA	
NA	ENSG00000286937	0	NA	NA	NA	NA	
NA	ENSG00000286938	0.44795842	-0.02501848	0.38558245	0.5807882	NA	
NA	ENSG00000286939	0.16735865	0.01897177	0.38482933	0.78225479	NA	
102725068	ENSG00000286940	0.18922458	0.01954053	0.38488496	0.78225479	NA	

NA	ENSG00000286941	1.33494061	0.0039516	0.37789221	0.95691776	NA
NA	ENSG00000286942	2.11080848	-0.00158624	0.37531925	0.98332343	NA
NA	ENSG00000286943	2.98221185	0.04165131	0.37355877	0.68255634	0.84510221
NA	ENSG00000286944	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286945	0	NA	NA	NA	NA
NA	ENSG00000286946	0	NA	NA	NA	NA
NA	ENSG00000286947	0	NA	NA	NA	NA
NA	ENSG00000286948	1.58410144	-0.06983539	0.38651768	0.36058118	NA
NA	ENSG00000286949	0	NA	NA	NA	NA
NA	ENSG00000286950	4.43787873	0.1216997	0.4010247	0.20196195	0.40745627
NA	ENSG00000286951	0	NA	NA	NA	NA
NA	ENSG00000286952	1.83801924	-0.00506618	0.3760907	0.9484128	NA
NA	ENSG00000286953	0.99953073	0.00888791	0.38013056	0.88376311	NA
NA	ENSG00000286954	1.51586502	0.03246952	0.38201871	0.59832001	NA
NA	ENSG00000286955	0	NA	NA	NA	NA
NA	ENSG00000286956	0	NA	NA	NA	NA
NA	ENSG00000286957	6.35870181	-0.0182944	0.35308051	0.89527447	0.95469109
105376435	ENSG00000286958	0	NA	NA	NA	NA
NA	ENSG00000286959	0.34086471	0.00254703	0.38338312	0.96337167	NA
NA	ENSG00000286960	0.98532204	-0.04199463	0.38508844	0.42489094	NA
NA	ENSG00000286961	0	NA	NA	NA	NA
NA	ENSG00000286962	2.32361946	0.036732	0.37437359	0.70411156	NA
NA	ENSG00000286963	0.45028347	-0.02732651	0.38571526	0.56146022	NA
NA	ENSG00000286964	54.9902412	-0.00897893	0.25066048	0.96076562	0.98407795
NA	ENSG00000286965	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000286966	0.173124	-0.01911262	0.38486262	0.84537521	NA
105377146	ENSG00000286967	0	NA	NA	NA	NA
NA	ENSG00000286968	0	NA	NA	NA	NA
NA	ENSG00000286969	0	NA	NA	NA	NA
NA	ENSG00000286970	0.80768827	0.01619536	0.38125342	0.7731359	NA
NA	ENSG00000286971	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286972	0	NA	NA	NA	NA
NA	ENSG00000286973	0	NA	NA	NA	NA
NA	ENSG00000286974	7.87184526	0.22135507	0.42427184	0.18208821	0.37980817
NA	ENSG00000286975	3.86185178	0.13051186	0.39680819	0.26230852	0.48429192
NA	ENSG00000286976	0.50130722	-0.02976505	0.38592599	0.52143527	NA
NA	ENSG00000286977	38.5961858	0.10321435	0.28531154	0.59981483	0.79066681
NA	ENSG00000286978	0	NA	NA	NA	NA

NA	ENSG00000286979	0.45209736	-0.02505403	0.38558831	0.57865948	NA
NA	ENSG00000286980	0	NA	NA	NA	NA
NA	ENSG00000286981	0.89428804	0.04438024	0.38490716	0.40367646	NA
NA	ENSG00000286982	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000286983	0	NA	NA	NA	NA
NA	ENSG00000286984	1.02991789	0.06002038	0.38776843	0.30637856	NA
105379242	ENSG00000286985	33.866037	-3.07278858	0.56252788	2.42E-09	3.94E-08
NA	ENSG00000286986	0	NA	NA	NA	NA
NA	ENSG00000286987	0	NA	NA	NA	NA
NA	ENSG00000286988	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000286989	12.4692612	0.01170369	0.33389898	0.94607697	0.97814213
NA	ENSG00000286990	6.4300595	0.16157746	0.39382122	0.28403595	0.50919216
NA	ENSG00000286991	0	NA	NA	NA	NA
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NA	ENSG00000286994	0	NA	NA	NA	NA
NA	ENSG00000286995	0	NA	NA	NA	NA
NA	ENSG00000286996	3.08041981	-0.06790597	0.37708887	0.5230379	0.73611918
NA	ENSG00000286997	0.35651236	0.02381585	0.38538087	0.61410224	NA
NA	ENSG00000286998	0	NA	NA	NA	NA
NA	ENSG00000286999	1.92830354	0.13338539	0.4166049	0.02969895	NA
NA	ENSG00000287000	0	NA	NA	NA	NA
NA	ENSG00000287001	0.64755851	-0.0463745	0.38776383	0.35975444	NA
NA	ENSG00000287002	0	NA	NA	NA	NA
NA	ENSG00000287003	0.30001555	-0.02294458	0.38527538	0.68644895	NA
NA	ENSG00000287004	0	NA	NA	NA	NA
NA	ENSG00000287005	1.4704399	-0.00437826	0.37966886	0.9435065	NA
105369496	ENSG00000287006	0	NA	NA	NA	NA
NA	ENSG00000287007	1.15132353	-0.02788053	0.38122247	0.65444549	NA
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NA	ENSG00000287009	9.21840838	-0.02516516	0.34410924	0.86967126	0.94316595
NA	ENSG00000287010	0	NA	NA	NA	NA
NA	ENSG00000287011	1.10613658	-0.00731964	0.37965631	0.90789005	NA
NA	ENSG00000287012	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287014	0	NA	NA	NA	NA
NA	ENSG00000287015	0	NA	NA	NA	NA
NA	ENSG00000287016	10.0591251	-0.19524787	0.40905886	0.21853611	0.43050004
NA	ENSG00000287017	0	NA	NA	NA	NA

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NA	ENSG00000287021	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287022	2.33770445	-0.07133517	0.38232849	0.445625	NA
NA	ENSG00000287023	0	NA	NA	NA	NA
NA	ENSG00000287024	0	NA	NA	NA	NA
NA	ENSG00000287025	0	NA	NA	NA	NA
NA	ENSG00000287026	0.68160118	0.0329326	0.38382831	0.53363667	NA
NA	ENSG00000287027	0	NA	NA	NA	NA
NA	ENSG00000287028	0	NA	NA	NA	NA
NA	ENSG00000287029	3.84137734	-0.11796154	0.39258161	0.29219869	0.51825408
NA	ENSG00000287030	2.07102073	-0.14960922	0.42496619	0.02466322	NA
NA	ENSG00000287031	2.23298434	0.08536761	0.38646638	0.36437147	NA
NA	ENSG00000287032	4.91033754	-0.06469195	0.36921691	0.60104239	0.79181148
NA	ENSG00000287033	1.84755375	0.02504814	0.37545162	0.77580724	NA
105372980	ENSG00000287034	0	NA	NA	NA	NA
NA	ENSG00000287035	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287036	0	NA	NA	NA	NA
NA	ENSG00000287037	0	NA	NA	NA	NA
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NA	ENSG00000287039	0	NA	NA	NA	NA
NA	ENSG00000287040	0	NA	NA	NA	NA
NA	ENSG00000287041	2.30748591	0.05372617	0.38005678	0.53740745	NA
NA	ENSG00000287042	9.85301678	0.04341237	0.34160507	0.78970492	0.9043268
NA	ENSG00000287043	12.947402	-0.12697561	0.34771693	0.47484145	0.69706654
NA	ENSG00000287044	0.34624801	-0.02356563	0.38536324	0.65270996	NA
NA	ENSG00000287045	4.74680254	-0.12338672	0.38940439	0.32132626	0.54905805
NA	ENSG00000287046	0	NA	NA	NA	NA
NA	ENSG00000287047	0	NA	NA	NA	NA
NA	ENSG00000287048	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287049	3.74365235	0.03179824	0.36962824	0.7712317	0.89515442
101928743	ENSG00000287050	0	NA	NA	NA	NA
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NA	ENSG00000287055	4.27123331	-0.0058809	0.36449863	0.95809065	0.98270788

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105378402	ENSG00000287057	0	NA	NA	NA	NA	
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NA	ENSG00000287060	0	NA	NA	NA	NA	
NA	ENSG00000287061	4.53348612	-0.10022549	0.37960098	0.4210556	0.64707537	
NA	ENSG00000287062	0	NA	NA	NA	NA	
NA	ENSG00000287063	32.0074314	-0.11659285	0.30678379	0.54749906	0.75431125	
NA	ENSG00000287064	12.5861485	-1.54258275	0.90584887	0.00362638	0.01779112	
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NA	ENSG00000287067	2.92934332	-0.00325457	0.36986641	0.9728585	0.98992269	
NA	ENSG00000287068	0	NA	NA	NA	NA	
NA	ENSG00000287069	3.48423347	-0.03790557	0.37638127	0.67032086	0.8376372	
NA	ENSG00000287070	0.49286474	-0.00713869	0.38269814	0.86114154	NA	
NA	ENSG00000287071	2.18844471	0.07660992	0.3849023	0.3960867	NA	CDRT15P4
NA	ENSG00000287072	0	NA	NA	NA	NA	
NA	ENSG00000287073	0	NA	NA	NA	NA	
NA	ENSG00000287074	0.53606247	0.01388041	0.38346616	0.74038917	NA	
105369685	ENSG00000287075	0	NA	NA	NA	NA	
NA	ENSG00000287076	0	NA	NA	NA	NA	
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NA	ENSG00000287078	0.14931947	-0.01844332	0.38480212	0.84537521	NA	
NA	ENSG00000287079	0	NA	NA	NA	NA	
8352	ENSG00000287080	5.78660108	-0.05044092	0.35989043	0.70980907	0.860757	H3C3
NA	ENSG00000287081	0	NA	NA	NA	NA	
101928398	ENSG00000287082	0	NA	NA	NA	NA	
NA	ENSG00000287083	0	NA	NA	NA	NA	
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NA	ENSG00000287085	0	NA	NA	NA	NA	
NA	ENSG00000287086	34.1659703	-0.01598873	0.38392755	0.6433496	0.82181194	
NA	ENSG00000287087	0.92680311	-0.01550594	0.38079647	0.79270984	NA	
NA	ENSG00000287088	7.54490671	-0.18634118	0.40816908	0.22348333	0.43679532	
NA	ENSG00000287089	11.5307755	-0.02519136	0.34415327	0.87027828	0.94334099	
NA	ENSG00000287090	0.83106328	0.03654478	0.38455701	0.46707981	NA	
NA	ENSG00000287091	3.99202661	0.0245564	0.36451105	0.8395185	0.92703551	
NA	ENSG00000287092	0	NA	NA	NA	NA	
NA	ENSG00000287093	0.32380214	-0.02327282	0.38532131	0.66862118	NA	

NA	ENSG00000287094	0.36296572	0.02389484	0.38539242	0.60996102	NA
NA	ENSG00000287095	0	NA	NA	NA	NA
NA	ENSG00000287096	0	NA	NA	NA	NA
107986639	ENSG00000287097	0.33471731	0.02354391	0.38534154	0.62842204	NA
NA	ENSG00000287098	0	NA	NA	NA	NA
NA	ENSG00000287099	0	NA	NA	NA	NA
NA	ENSG00000287100	0.34729481	0.00105945	0.38336537	0.9584369	NA
NA	ENSG00000287101	0	NA	NA	NA	NA
NA	ENSG00000287102	0	NA	NA	NA	NA
NA	ENSG00000287103	1.45498743	-0.05668047	0.38481925	0.41481129	NA
NA	ENSG00000287104	39.1969946	-0.13554323	0.30124144	0.4912601	0.71060078
NA	ENSG00000287105	0	NA	NA	NA	NA
NA	ENSG00000287106	0	NA	NA	NA	NA
NA	ENSG00000287107	0	NA	NA	NA	NA
NA	ENSG00000287108	0	NA	NA	NA	NA
NA	ENSG00000287109	7.66599512	0.02298209	0.35489083	0.87073129	0.94350971
NA	ENSG00000287110	58.6172419	-0.89900882	0.38955941	0.00229562	0.01204578
NA	ENSG00000287111	0	NA	NA	NA	NA
NA	ENSG00000287112	0	NA	NA	NA	NA
NA	ENSG00000287113	0.51255641	-0.00934739	0.38274456	0.82701989	NA
NA	ENSG00000287114	0	NA	NA	NA	NA
NA	ENSG00000287115	0.8280377	-0.00851831	0.3808229	0.8804451	NA
NA	ENSG00000287116	0	NA	NA	NA	NA
NA	ENSG00000287117	1.29270325	0.00496064	0.3800818	0.93546284	NA
NA	ENSG00000287118	0	NA	NA	NA	NA
NA	ENSG00000287119	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287120	0.45010957	-0.02731802	0.38571456	0.56160394	NA
NA	ENSG00000287121	0.3239303	-0.02327385	0.38532147	0.6685474	NA
NA	ENSG00000287122	0	NA	NA	NA	NA
NA	ENSG00000287123	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287124	0	NA	NA	NA	NA
NA	ENSG00000287125	3.32258372	0.03926614	0.37270103	0.70424613	0.85782437
NA	ENSG00000287126	150.569983	0.09110792	0.18327696	0.57283162	0.7725692
NA	ENSG00000287127	0.78563373	-0.02778018	0.38347591	0.5681584	NA
NA	ENSG00000287128	0	NA	NA	NA	NA
NA	ENSG00000287129	2.8518047	0.08546309	0.38733496	0.34952854	0.58004303
NA	ENSG00000287130	2.02357244	-0.05764259	0.38393035	0.43741635	NA
NA	ENSG00000287131	0	NA	NA	NA	NA

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NA	ENSG00000287133	1.32497894	-0.03668267	0.38291999	0.53836626	NA	
NA	ENSG00000287134	1.23471442	-0.03398256	0.38171189	0.59561386	NA	
NA	ENSG00000287135	0	NA	NA	NA	NA	
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NA	ENSG00000287137	0	NA	NA	NA	NA	
NA	ENSG00000287138	0	NA	NA	NA	NA	
NA	ENSG00000287139	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000287140	0	NA	NA	NA	NA	
NA	ENSG00000287141	0.66589341	0.02586518	0.38361454	0.58932241	NA	
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NA	ENSG00000287143	0.173733	0.01914545	0.38484597	0.78225479	NA	
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NA	ENSG00000287145	0	NA	NA	NA	NA	
NA	ENSG00000287146	2.69191522	-0.09764962	0.38982308	0.31425175	0.54212505	
NA	ENSG00000287147	0	NA	NA	NA	NA	
107986443	ENSG00000287148	0	NA	NA	NA	NA	LINCADL
NA	ENSG00000287149	0	NA	NA	NA	NA	
NA	ENSG00000287150	0	NA	NA	NA	NA	
NA	ENSG00000287151	116.129585	-0.15694542	0.19551384	0.35256159	0.582562	C2orf27A
NA	ENSG00000287152	0	NA	NA	NA	NA	
NA	ENSG00000287153	0	NA	NA	NA	NA	
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NA	ENSG00000287157	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000287158	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000287159	0	NA	NA	NA	NA	
NA	ENSG00000287160	80.1029238	-0.08864222	0.21922172	0.62201246	0.80695268	
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101929154	ENSG00000287162	0	NA	NA	NA	NA	
NA	ENSG00000287163	0	NA	NA	NA	NA	
NA	ENSG00000287164	0.34624801	-0.02356563	0.38536324	0.65270996	NA	
NA	ENSG00000287165	0.32260095	-0.02325511	0.38531883	0.6695434	NA	
NA	ENSG00000287166	12.0781942	0.18600529	0.38647916	0.28715955	0.51294189	
NA	ENSG00000287167	4.12817938	0.06548967	0.37240641	0.57673609	0.77528586	
NA	ENSG00000287168	183.65149	-0.20513912	0.17742792	0.19142153	0.39318804	
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NA	ENSG00000287172	0	NA	NA	NA	NA
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NA	ENSG00000287178	0	NA	NA	NA	NA
NA	ENSG00000287179	0	NA	NA	NA	NA
NA	ENSG00000287180	2.27014436	0.00360621	0.37546121	0.9664757	NA
NA	ENSG00000287181	0	NA	NA	NA	NA
NA	ENSG00000287182	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287183	3.586557	0.12224964	0.39776189	0.24538954	0.46442129
NA	ENSG00000287184	0	NA	NA	NA	NA
NA	ENSG00000287185	0.36234396	0.0008679	0.3833642	0.96760468	NA
NA	ENSG00000287186	0	NA	NA	NA	NA
112268039	ENSG00000287187	0	NA	NA	NA	NA
NA	ENSG00000287188	0.88118982	0.05092059	0.38880364	0.25727615	NA
NA	ENSG00000287189	7.89438361	-0.0823619	0.35796255	0.58480151	0.78078479
NA	ENSG00000287190	3.59141464	0.11305989	0.38956013	0.32398432	0.5518888
NA	ENSG00000287191	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287192	1.76422894	0.07909201	0.39000183	0.27940807	NA
NA	ENSG00000287193	1.12403091	-0.07957828	0.39495704	0.14355102	NA
NA	ENSG00000287194	0	NA	NA	NA	NA
NA	ENSG00000287195	0.34746601	0.02370763	0.3853651	0.61987128	NA
NA	ENSG00000287196	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287197	0	NA	NA	NA	NA
NA	ENSG00000287198	0	NA	NA	NA	NA
NA	ENSG00000287199	0	NA	NA	NA	NA
NA	ENSG00000287200	11.1991574	1.12162505	1.16414398	0.01081044	0.04419191
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NA	ENSG00000287202	28.4192018	0.06830289	0.29057168	0.72482267	0.86844186
NA	ENSG00000287203	0	NA	NA	NA	NA
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NA	ENSG00000287205	0.79072358	-0.03673849	0.38392706	0.50642689	NA
NA	ENSG00000287206	0	NA	NA	NA	NA
NA	ENSG00000287207	3.30867434	0.01541251	0.3717961	0.87688843	0.94566867

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NA	ENSG00000287210	0	NA	NA	NA	NA
NA	ENSG00000287211	0	NA	NA	NA	NA
NA	ENSG00000287212	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287213	0.66357644	0.00189918	0.38130914	0.96957087	NA
NA	ENSG00000287214	0.29863895	-0.02292439	0.3852726	0.68753245	NA
105377209	ENSG00000287215	0	NA	NA	NA	NA
NA	ENSG00000287216	2.45259686	-0.02258293	0.3721629	0.81638052	NA
NA	ENSG00000287217	0	NA	NA	NA	NA
NA	ENSG00000287218	5.30912666	0.29471325	0.51754734	0.05994312	0.17111821
NA	ENSG00000287219	0.82898374	-0.00812725	0.38080788	0.88591375	NA
NA	ENSG00000287220	0	NA	NA	NA	NA
NA	ENSG00000287221	4.004182	0.02281575	0.3650088	0.84886336	0.93134154
NA	ENSG00000287222	103.805314	-0.26591237	0.214747	0.13937932	0.31624951
NA	ENSG00000287223	0	NA	NA	NA	NA
NA	ENSG00000287224	0	NA	NA	NA	NA
NA	ENSG00000287225	0	NA	NA	NA	NA
NA	ENSG00000287226	0	NA	NA	NA	NA
NA	ENSG00000287227	0	NA	NA	NA	NA
NA	ENSG00000287229	0	NA	NA	NA	NA
NA	ENSG00000287230	0	NA	NA	NA	NA
NA	ENSG00000287231	0	NA	NA	NA	NA
NA	ENSG00000287232	10.0775757	-0.12933774	0.36771906	0.41987728	0.6458148
NA	ENSG00000287233	0	NA	NA	NA	NA
NA	ENSG00000287234	2.60461958	-0.09174652	0.39132314	0.27775924	0.5022529
105376381	ENSG00000287235	0	NA	NA	NA	NA
NA	ENSG00000287236	21.5501503	0.92174025	0.57387688	0.0086087	0.03665162
NA	ENSG00000287237	0	NA	NA	NA	NA
NA	ENSG00000287238	0.30139824	-0.02296476	0.38527817	0.68536535	NA
NA	ENSG00000287239	0	NA	NA	NA	NA
NA	ENSG00000287240	0	NA	NA	NA	NA
NA	ENSG00000287241	0	NA	NA	NA	NA
NA	ENSG00000287242	6.85214978	0.03964951	0.3526822	0.78749818	0.90348487
100129223	ENSG00000287243	2.14394795	-0.13960027	0.41980602	0.02686811	NA
NA	ENSG00000287244	0	NA	NA	NA	NA
NA	ENSG00000287245	0	NA	NA	NA	NA
NA	ENSG00000287246	0	NA	NA	NA	NA

NA	ENSG00000287247	0	NA	NA	NA	NA
NA	ENSG00000287248	1.98905412	-0.07970774	0.39051984	0.27007122	NA
NA	ENSG00000287249	3.67098922	-0.03594645	0.36910787	0.74514244	0.87992536
NA	ENSG00000287250	0.49337857	-0.00695545	0.38268985	0.86339383	NA
NA	ENSG00000287251	0	NA	NA	NA	NA
NA	ENSG00000287252	0	NA	NA	NA	NA
NA	ENSG00000287253	0	NA	NA	NA	NA
NA	ENSG00000287254	1.36799836	0.007227	0.37685669	0.92589751	NA
NA	ENSG00000287255	0	NA	NA	NA	NA
NA	ENSG00000287256	0	NA	NA	NA	NA
NA	ENSG00000287257	0	NA	NA	NA	NA
NA	ENSG00000287258	0	NA	NA	NA	NA
NA	ENSG00000287259	0	NA	NA	NA	NA
101928868	ENSG00000287260	5.59070713	0.17742471	0.40859308	0.22070486	0.43307135
NA	ENSG00000287261	1.43392035	0.06872088	0.39015175	0.21572442	NA
NA	ENSG00000287262	20.2129884	-0.01158905	0.30867811	0.94803522	0.97876335
NA	ENSG00000287263	0	NA	NA	NA	NA
NA	ENSG00000287264	1.47482142	-0.03649519	0.37884242	0.64509215	NA
NA	ENSG00000287265	3.02861362	0.07531477	0.38401121	0.41489912	0.64204029
NA	ENSG00000287266	0.29863895	-0.02292439	0.3852726	0.68753245	NA
NA	ENSG00000287267	0	NA	NA	NA	NA
NA	ENSG00000287268	1.00964679	-0.0672522	0.39187117	0.19235231	NA
NA	ENSG00000287269	0	NA	NA	NA	NA
NA	ENSG00000287270	0	NA	NA	NA	NA
NA	ENSG00000287271	46.3917879	-0.25431532	0.29092072	0.22112165	0.43371759
NA	ENSG00000287272	0	NA	NA	NA	NA
NA	ENSG00000287273	0	NA	NA	NA	NA
NA	ENSG00000287274	0	NA	NA	NA	NA
NA	ENSG00000287275	8.00458489	0.08474417	0.35859421	0.57787904	0.77608611
NA	ENSG00000287276	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287277	3.58187922	-0.03806366	0.37218373	0.71148254	0.86137148
NA	ENSG00000287278	0	NA	NA	NA	NA
NA	ENSG00000287279	2.27436361	-0.03893985	0.37549194	0.67592671	NA
NA	ENSG00000287280	0	NA	NA	NA	NA
107985177	ENSG00000287281	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287282	0	NA	NA	NA	NA
NA	ENSG00000287283	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287284	0.173124	-0.01911262	0.38486262	0.84537521	NA

NA	ENSG00000287285	0	NA	NA	NA	NA
NA	ENSG00000287286	0.51937201	-0.02557462	0.38567603	0.54680819	NA
NA	ENSG00000287287	0	NA	NA	NA	NA
NA	ENSG00000287288	0	NA	NA	NA	NA
NA	ENSG00000287289	0	NA	NA	NA	NA
NA	ENSG00000287290	3.39128197	-0.03175995	0.36942066	0.76957542	0.89405696
NA	ENSG00000287291	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287292	0	NA	NA	NA	NA
NA	ENSG00000287293	0	NA	NA	NA	NA
NA	ENSG00000287294	0	NA	NA	NA	NA
NA	ENSG00000287295	0	NA	NA	NA	NA
NA	ENSG00000287296	0	NA	NA	NA	NA
NA	ENSG00000287297	0	NA	NA	NA	NA
NA	ENSG00000287298	0	NA	NA	NA	NA
NA	ENSG00000287299	8.32266975	-0.08687205	0.3564201	0.57453354	0.77361067
NA	ENSG00000287300	0.173733	0.01914545	0.38484597	0.78225479	NA
107986888	ENSG00000287301	0	NA	NA	NA	NA
NA	ENSG00000287302	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287303	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287305	0.85745142	0.03020695	0.38447068	0.49983913	NA
NA	ENSG00000287306	7.48328166	0.1938666	0.40735166	0.22883673	0.4441519
NA	ENSG00000287307	0	NA	NA	NA	NA
NA	ENSG00000287308	0	NA	NA	NA	NA
NA	ENSG00000287309	0	NA	NA	NA	NA
NA	ENSG00000287310	2.10897793	0.05055941	0.38218534	0.50425437	NA
NA	ENSG00000287311	0	NA	NA	NA	NA
NA	ENSG00000287312	0	NA	NA	NA	NA
NA	ENSG00000287313	0	NA	NA	NA	NA
NA	ENSG00000287314	0	NA	NA	NA	NA
NA	ENSG00000287315	209.865875	-0.15895569	0.15199942	0.25344275	0.4738319
NA	ENSG00000287316	0	NA	NA	NA	NA
NA	ENSG00000287317	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287318	0	NA	NA	NA	NA
NA	ENSG00000287319	1.05360696	0.07503966	0.39384938	0.14876868	NA
NA	ENSG00000287320	0	NA	NA	NA	NA
NA	ENSG00000287321	0	NA	NA	NA	NA
NA	ENSG00000287322	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287323	0	NA	NA	NA	NA

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728158	ENSG00000287326	0	NA	NA	NA	NA
NA	ENSG00000287327	0	NA	NA	NA	NA
NA	ENSG00000287328	0	NA	NA	NA	NA
NA	ENSG00000287329	5.85865215	0.11263195	0.38351272	0.37680785	0.60570261
NA	ENSG00000287330	0	NA	NA	NA	NA
NA	ENSG00000287331	0	NA	NA	NA	NA
NA	ENSG00000287332	0	NA	NA	NA	NA
NA	ENSG00000287333	0	NA	NA	NA	NA
NA	ENSG00000287334	0	NA	NA	NA	NA
NA	ENSG00000287335	1.69704887	-0.04020098	0.38165016	0.5610572	NA
NA	ENSG00000287336	2.45960715	0.12812514	0.4050042	0.16916583	NA
105371841	ENSG00000287337	0.65127857	0.00359797	0.38194257	0.93835047	NA
107985323	ENSG00000287338	14.5809897	-0.5142354	0.58613876	0.05004571	0.14908511
NA	ENSG00000287339	0	NA	NA	NA	NA
NA	ENSG00000287340	0	NA	NA	NA	NA
105375118	ENSG00000287342	0.66287476	0.00439302	0.38134412	0.93152265	NA
NA	ENSG00000287343	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287344	0	NA	NA	NA	NA
NA	ENSG00000287345	0	NA	NA	NA	NA
105370689	ENSG00000287346	0.35699843	0.02381934	0.38538142	0.61385682	NA
NA	ENSG00000287347	0.36293774	0.02389465	0.38539239	0.60997488	NA
NA	ENSG00000287348	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287349	0.53649169	0.0143611	0.38296386	0.73151298	NA
NA	ENSG00000287350	0	NA	NA	NA	NA
NA	ENSG00000287351	0	NA	NA	NA	NA
NA	ENSG00000287352	0	NA	NA	NA	NA
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NA	ENSG00000287354	0	NA	NA	NA	NA
NA	ENSG00000287355	0.32329274	-0.02326069	0.38531968	0.66914356	NA
NA	ENSG00000287356	70.8524757	1.47602118	0.34447979	1.33E-06	1.48E-05
NA	ENSG00000287357	0	NA	NA	NA	NA
NA	ENSG00000287358	4.44020583	-0.36571071	0.66427524	0.0146482	0.05656294
NA	ENSG00000287359	0	NA	NA	NA	NA
NA	ENSG00000287360	0	NA	NA	NA	NA
NA	ENSG00000287361	0	NA	NA	NA	NA
NA	ENSG00000287362	0.97084341	0.00673181	0.38021202	0.91066605	NA

114841037	ENSG00000287363	0	NA	NA	NA	NA	GUCA1ANB
105371672	ENSG00000287364	0.37844916	0.02407552	0.3854191	0.60038877	NA	
	NA	ENSG00000287365	0	NA	NA	NA	
	NA	ENSG00000287366	0	NA	NA	NA	
	NA	ENSG00000287367	0.18922458	0.01954053	0.38488496	0.78225479	NA
	NA	ENSG00000287368	0.173124	-0.01911262	0.38486262	0.84537521	NA
	NA	ENSG00000287369	0	NA	NA	NA	NA
	NA	ENSG00000287370	0.51937201	-0.02557462	0.38567603	0.54680819	NA
	NA	ENSG00000287372	0	NA	NA	NA	NA
	NA	ENSG00000287373	0.74086129	0.02170582	0.38362983	0.59346893	NA
	NA	ENSG00000287374	0.51509093	0.03111094	0.38605236	0.47797223	NA
	NA	ENSG00000287375	0	NA	NA	NA	NA
105370295	ENSG00000287376	5.96738353	3.16262828	1.43172772	0.00187508	0.01011737	
	NA	ENSG00000287377	4.07936016	0.1174871	0.39103864	0.31113467	0.53874253
	NA	ENSG00000287378	0.46612035	-0.00631207	0.38319853	0.88246282	NA
	NA	ENSG00000287379	0	NA	NA	NA	NA
	NA	ENSG00000287380	0.173733	0.01914545	0.38484597	0.78225479	NA
	NA	ENSG00000287381	0	NA	NA	NA	NA
	NA	ENSG00000287382	0	NA	NA	NA	NA
	NA	ENSG00000287383	1.93351433	0.08902953	0.38963953	0.30928236	NA
	NA	ENSG00000287384	0.49034266	-0.0081585	0.38274684	0.84856621	NA
107984016	ENSG00000287385	4.25463058	-0.03070623	0.36431005	0.7992006	0.90801909	
	NA	ENSG00000287386	0	NA	NA	NA	NA
	NA	ENSG00000287387	6.80399674	-0.10191314	0.36832676	0.48299667	0.7034173
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	NA	ENSG00000287389	0	NA	NA	NA	NA
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	NA	ENSG00000287392	0	NA	NA	NA	NA
	NA	ENSG00000287393	0	NA	NA	NA	NA
	NA	ENSG00000287394	18.2310833	0.19641408	0.35197049	0.32103732	0.54880065
	NA	ENSG00000287395	0	NA	NA	NA	NA
	NA	ENSG00000287396	0	NA	NA	NA	NA
	NA	ENSG00000287397	0	NA	NA	NA	NA
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	NA	ENSG00000287399	0.68793809	-0.01914114	0.38352829	0.66564279	NA
	NA	ENSG00000287400	0.34109046	0.02362638	0.38535337	0.62411613	NA
	NA	ENSG00000287401	1.34917831	0.0078195	0.37689417	0.91978359	NA

NA	ENSG00000287402	0.71965469	0.05205413	0.38873839	0.28870587	NA	
NA	ENSG00000287403	0.34047086	-0.00019907	0.38336231	0.96713961	NA	
NA	ENSG00000287404	0.34047275	-0.00020643	0.38336232	0.96720935	NA	
NA	ENSG00000287405	2.0821091	-0.02292342	0.37689629	0.77639148	NA	
NA	ENSG00000287406	0	NA	NA	NA	NA	
NA	ENSG00000287407	0	NA	NA	NA	NA	
NA	ENSG00000287408	3.97369839	0.05592843	0.37187677	0.62176087	0.80694287	
NA	ENSG00000287409	0	NA	NA	NA	NA	
NA	ENSG00000287410	0	NA	NA	NA	NA	
NA	ENSG00000287411	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000287412	0	NA	NA	NA	NA	
NA	ENSG00000287413	0	NA	NA	NA	NA	
NA	ENSG00000287414	0.32276844	-0.02325646	0.38531903	0.66944655	NA	
NA	ENSG00000287415	0	NA	NA	NA	NA	
NA	ENSG00000287416	0	NA	NA	NA	NA	
NA	ENSG00000287417	0	NA	NA	NA	NA	
NA	ENSG00000287418	0	NA	NA	NA	NA	
NA	ENSG00000287419	2.80429746	-0.0981068	0.39116335	0.2945806	0.52089831	
NA	ENSG00000287420	0	NA	NA	NA	NA	
NA	ENSG00000287421	0	NA	NA	NA	NA	
NA	ENSG00000287422	0	NA	NA	NA	NA	
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NA	ENSG00000287425	2.125093	-0.00112263	0.37307698	0.9888966	NA	
NA	ENSG00000287426	0.75009898	-0.04345556	0.38756888	0.34450261	NA	
NA	ENSG00000287427	0	NA	NA	NA	NA	
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NA	ENSG00000287429	0	NA	NA	NA	NA	
NA	ENSG00000287430	0	NA	NA	NA	NA	
NA	ENSG00000287431	335.890401	-0.52965487	0.14360599	7.92E-05	0.0006177	RENO1
NA	ENSG00000287432	0	NA	NA	NA	NA	
NA	ENSG00000287433	1.80711656	-0.00231088	0.37434512	0.97774054	NA	
NA	ENSG00000287434	1.01877506	0.00222282	0.37994568	0.97089972	NA	
105374802	ENSG00000287435	0	NA	NA	NA	NA	
NA	ENSG00000287437	1.8004396	-0.02555109	0.37756121	0.74596687	NA	
NA	ENSG00000287438	0	NA	NA	NA	NA	
NA	ENSG00000287439	0.16735865	0.01897177	0.38482933	0.78225479	NA	
105374088	ENSG00000287440	0.173124	-0.01911262	0.38486262	0.84537521	NA	

NA	ENSG00000287441	0	NA	NA	NA	NA
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NA	ENSG00000287443	0	NA	NA	NA	NA
NA	ENSG00000287444	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287445	3.74719665	0.0788378	0.37589211	0.5025951	0.71944348
NA	ENSG00000287446	0	NA	NA	NA	NA
NA	ENSG00000287447	0.82945023	-0.00504061	0.38072168	0.92926679	NA
NA	ENSG00000287448	1.97141813	0.00842559	0.37577103	0.91973793	NA
NA	ENSG00000287449	1.47206238	0.02235226	0.37808929	0.76904654	NA
NA	ENSG00000287450	0	NA	NA	NA	NA
NA	ENSG00000287451	0	NA	NA	NA	NA
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NA	ENSG00000287454	1.16699611	-0.00481939	0.37937107	0.93996423	NA
NA	ENSG00000287455	0	NA	NA	NA	NA
NA	ENSG00000287456	0.51324805	0.01348299	0.38349547	0.75057469	NA
NA	ENSG00000287457	0	NA	NA	NA	NA
NA	ENSG00000287458	0	NA	NA	NA	NA
NA	ENSG00000287459	0	NA	NA	NA	NA
NA	ENSG00000287460	0	NA	NA	NA	NA
NA	ENSG00000287462	0	NA	NA	NA	NA
NA	ENSG00000287463	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000287464	0.34746601	0.02370763	0.3853651	0.61987128	NA
NA	ENSG00000287465	0	NA	NA	NA	NA
NA	ENSG00000287466	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287467	0	NA	NA	NA	NA
NA	ENSG00000287468	0	NA	NA	NA	NA
NA	ENSG00000287469	0	NA	NA	NA	NA
NA	ENSG00000287470	0	NA	NA	NA	NA
NA	ENSG00000287471	0	NA	NA	NA	NA
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NA	ENSG00000287473	0	NA	NA	NA	NA
NA	ENSG00000287474	0	NA	NA	NA	NA
NA	ENSG00000287475	1.99618204	-0.00063848	0.37331819	0.99315233	NA
NA	ENSG00000287476	0	NA	NA	NA	NA
NA	ENSG00000287477	0	NA	NA	NA	NA
NA	ENSG00000287478	0	NA	NA	NA	NA
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NA	ENSG00000287480	0.83012048	-0.0296279	0.38352544	0.53795708	NA
NA	ENSG00000287481	0	NA	NA	NA	NA
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NA	ENSG00000287484	0	NA	NA	NA	NA
NA	ENSG00000287485	0	NA	NA	NA	NA
NA	ENSG00000287486	1.58135821	0.02102508	0.37816668	0.77856962	NA
NA	ENSG00000287488	0	NA	NA	NA	NA
NA	ENSG00000287489	0	NA	NA	NA	NA
NA	ENSG00000287490	1.09232058	-0.02985166	0.38172731	0.62637922	NA
NA	ENSG00000287492	0	NA	NA	NA	NA
NA	ENSG00000287493	0.71081751	0.04124882	0.38727712	0.34646938	NA
NA	ENSG00000287494	0	NA	NA	NA	NA
NA	ENSG00000287495	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000287496	18.9303966	-0.58538332	0.80707293	0.03036672	0.10131192
NA	ENSG00000287497	0	NA	NA	NA	NA
NA	ENSG00000287498	0	NA	NA	NA	NA
NA	ENSG00000287499	0	NA	NA	NA	NA
NA	ENSG00000287500	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000287501	0	NA	NA	NA	NA
NA	ENSG00000287502	4.78701994	0.05871653	0.36805591	0.63687878	0.81722218
NA	ENSG00000287503	0.32341108	0.00167804	0.38337145	0.96501678	NA
NA	ENSG00000287504	0	NA	NA	NA	NA
NA	ENSG00000287505	0	NA	NA	NA	NA
NA	ENSG00000287506	0.53540129	0.03209951	0.38615152	0.46347494	NA
NA	ENSG00000287507	0	NA	NA	NA	NA
NA	ENSG00000287508	2.29433128	-0.01040613	0.37275367	0.91020881	NA
NA	ENSG00000287509	0	NA	NA	NA	NA
NA	ENSG00000287510	0.8494435	0.02770689	0.38408874	0.51418293	NA
NA	ENSG00000287511	0	NA	NA	NA	NA
NA	ENSG00000287512	0	NA	NA	NA	NA
NA	ENSG00000287513	4.40507066	0.14757127	0.40168663	0.24022125	0.45820056
NA	ENSG00000287514	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287515	38.404795	0.34062239	0.36827686	0.13358695	0.30743129
NA	ENSG00000287516	12.2047903	0.13307379	0.3598596	0.43593482	0.66108284
NA	ENSG00000287517	0	NA	NA	NA	NA
NA	ENSG00000287518	0	NA	NA	NA	NA
NA	ENSG00000287519	0.15069912	-0.01848503	0.38480575	0.84537521	NA

NA	ENSG00000287520	1.54621006	-0.00040696	0.37707464	0.99474387	NA
NA	ENSG00000287521	0	NA	NA	NA	NA
NA	ENSG00000287522	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287523	0	NA	NA	NA	NA
NA	ENSG00000287524	0	NA	NA	NA	NA
NA	ENSG00000287525	0	NA	NA	NA	NA
NA	ENSG00000287526	0	NA	NA	NA	NA
NA	ENSG00000287527	0.32308754	-0.02326708	0.38532044	0.66903341	NA
NA	ENSG00000287528	0.36296491	0.02389484	0.38539241	0.60996142	NA
NA	ENSG00000287529	0	NA	NA	NA	NA
NA	ENSG00000287530	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287531	0	NA	NA	NA	NA
NA	ENSG00000287532	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287533	1.76567614	0.02040635	0.37983306	0.75857794	NA
NA	ENSG00000287534	2.32503812	0.04126739	0.37648896	0.65340605	NA
NA	ENSG00000287535	2.14571337	0.06972521	0.38434415	0.41500024	NA
NA	ENSG00000287536	0	NA	NA	NA	NA
NA	ENSG00000287537	0.44795842	-0.02501848	0.38558245	0.5807882	NA
NA	ENSG00000287538	0	NA	NA	NA	NA
NA	ENSG00000287539	21.2484005	0.16963477	0.33421556	0.38925226	0.61846439
NA	ENSG00000287540	0	NA	NA	NA	NA
NA	ENSG00000287541	0	NA	NA	NA	NA
8916	ENSG00000287542	39.9988993	-0.23849963	0.30255623	0.25211837	0.47202308
NA	ENSG00000287543	4.33923297	0.02015235	0.36349072	0.86997929	0.94329375
NA	ENSG00000287544	0	NA	NA	NA	NA
NA	ENSG00000287545	0	NA	NA	NA	NA
NA	ENSG00000287546	0	NA	NA	NA	NA
NA	ENSG00000287547	0	NA	NA	NA	NA
NA	ENSG00000287548	1.75976181	-0.05409931	0.38165014	0.5022345	NA
NA	ENSG00000287549	0	NA	NA	NA	NA
NA	ENSG00000287550	0	NA	NA	NA	NA
NA	ENSG00000287551	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287552	0	NA	NA	NA	NA
NA	ENSG00000287553	19.8835854	-0.17941662	0.35413381	0.34815148	0.57889083
NA	ENSG00000287554	0.53700688	0.01398311	0.38347224	0.73883981	NA
NA	ENSG00000287555	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287556	0	NA	NA	NA	NA
NA	ENSG00000287557	0	NA	NA	NA	NA

NA	ENSG00000287558	0	NA	NA	NA	NA
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NA	ENSG00000287560	0	NA	NA	NA	NA
NA	ENSG00000287561	0.87094103	0.01724536	0.38120905	0.76042189	NA
NA	ENSG00000287562	80.3954157	0.06817176	0.21942832	0.7069061	0.8587972
NA	ENSG00000287563	0	NA	NA	NA	NA
NA	ENSG00000287564	0.53765943	0.01384465	0.38345827	0.73973399	NA
NA	ENSG00000287565	0	NA	NA	NA	NA
105376380	ENSG00000287566	0	NA	NA	NA	NA
NA	ENSG00000287567	0	NA	NA	NA	NA
NA	ENSG00000287568	0	NA	NA	NA	NA
NA	ENSG00000287569	19.1782895	-0.16867218	0.34096345	0.38309287	0.61240159
NA	ENSG00000287570	0	NA	NA	NA	NA
NA	ENSG00000287571	0	NA	NA	NA	NA
NA	ENSG00000287574	21.5534259	0.29545836	0.3954363	0.16996562	0.36181523
NA	ENSG00000287575	1.13534237	-0.00458801	0.37953721	0.94212712	NA
NA	ENSG00000287576	9.51766258	0.15584246	0.37752963	0.34676522	0.57745693
NA	ENSG00000287577	0.34746601	0.02370763	0.3853651	0.61987128	NA
NA	ENSG00000287578	2.34161801	-0.06174706	0.38073739	0.49621678	NA
NA	ENSG00000287579	0.29863895	-0.02292439	0.3852726	0.68753245	NA
NA	ENSG00000287580	1.68921331	-0.07256536	0.38760153	0.33335367	NA
NA	ENSG00000287581	0.49110256	-0.01126615	0.3829189	0.81968611	NA
NA	ENSG00000287582	0	NA	NA	NA	NA
NA	ENSG00000287583	2.47356871	0.07622158	0.38734778	0.34888161	NA
NA	ENSG00000287584	4.86116567	-0.01384539	0.36112784	0.91033726	0.96161704
NA	ENSG00000287585	0	NA	NA	NA	NA
NA	ENSG00000287586	0.30001722	-0.0229446	0.38527539	0.68644791	NA
NA	ENSG00000287587	0.80016032	-0.00605972	0.38147056	0.90729511	NA
NA	ENSG00000287588	1.626856	-0.05105024	0.38038189	0.53905169	NA
NA	ENSG00000287589	0.32283864	-0.02325702	0.38531912	0.66940596	NA
NA	ENSG00000287590	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287591	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287592	0	NA	NA	NA	NA
NA	ENSG00000287593	0	NA	NA	NA	NA
NA	ENSG00000287594	0	NA	NA	NA	NA
NA	ENSG00000287595	9.31127805	0.14550618	0.37399994	0.37432041	0.60343844
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NA	ENSG00000287597	0	NA	NA	NA	NA

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NA	ENSG00000287599	0.37844916	0.02407552	0.3854191	0.60038877	NA
NA	ENSG00000287600	17.8882563	0.11836986	0.32781115	0.52980589	0.74152324
NA	ENSG00000287601	6.44455661	-0.04323345	0.35715767	0.75412933	0.88532106
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NA	ENSG00000287603	0	NA	NA	NA	NA
NA	ENSG00000287605	0	NA	NA	NA	NA
NA	ENSG00000287608	28.6176542	-0.06204928	0.29173722	0.74509655	0.87992355
NA	ENSG00000287609	1.09468256	-0.04706066	0.38594721	0.37437834	NA
NA	ENSG00000287610	0	NA	NA	NA	NA
NA	ENSG00000287611	0	NA	NA	NA	NA
NA	ENSG00000287612	0	NA	NA	NA	NA
NA	ENSG00000287613	0	NA	NA	NA	NA
NA	ENSG00000287614	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287615	0	NA	NA	NA	NA
NA	ENSG00000287616	5.06903359	-0.02308438	0.3663152	0.83784096	0.92628758
NA	ENSG00000287617	0.81768494	0.01769635	0.38134204	0.7531872	NA
NA	ENSG00000287618	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000287619	3.90268568	-0.0913865	0.38169976	0.41779033	0.64393487
NA	ENSG00000287620	8.10386043	0.07025184	0.35894363	0.63024231	0.81297489
NA	ENSG00000287621	0.4686253	-0.00878113	0.38284474	0.85803056	NA
NA	ENSG00000287622	0	NA	NA	NA	NA
NA	ENSG00000287623	0	NA	NA	NA	NA
NA	ENSG00000287624	0	NA	NA	NA	NA
NA	ENSG00000287625	14.4370108	0.00224972	0.32361396	0.99168637	0.99727164
NA	ENSG00000287626	0	NA	NA	NA	NA
NA	ENSG00000287627	0	NA	NA	NA	NA
NA	ENSG00000287628	0	NA	NA	NA	NA
NA	ENSG00000287629	12.0180737	0.21960379	0.40395122	0.22398539	0.43762114
NA	ENSG00000287630	0.64232229	0.0044171	0.38138956	0.93087069	NA
NA	ENSG00000287631	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287632	0	NA	NA	NA	NA
NA	ENSG00000287633	0.48146784	-0.0089095	0.38328466	0.84134016	NA
NA	ENSG00000287634	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287635	0.31800295	0.00207007	0.38337646	0.95801104	NA
NA	ENSG00000287636	0	NA	NA	NA	NA
NA	ENSG00000287637	0.47297415	-0.02842076	0.38580675	0.54324361	NA
NA	ENSG00000287639	0	NA	NA	NA	NA

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NA	ENSG00000287641	0	NA	NA	NA	NA
729870	ENSG00000287642	0.3629592	0.0238948	0.38539241	0.60996425	NA
NA	ENSG00000287643	1.31717585	0.00979642	0.37913231	0.88372286	NA
NA	ENSG00000287644	1.67351601	-0.0618428	0.38613707	0.36832097	NA
NA	ENSG00000287645	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000287646	1.58781402	0.07927943	0.38979166	0.28780041	NA
NA	ENSG00000287647	0	NA	NA	NA	NA
NA	ENSG00000287649	0	NA	NA	NA	NA
NA	ENSG00000287650	1.31388259	0.03798369	0.3836085	0.50161849	NA
NA	ENSG00000287651	0.34624801	-0.02356563	0.38536324	0.65270996	NA
NA	ENSG00000287652	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287653	0	NA	NA	NA	NA
NA	ENSG00000287654	1.38775517	-0.07860417	0.39173461	0.21628768	NA
NA	ENSG00000287655	2.45761374	-0.04472137	0.37694384	0.62378695	NA
NA	ENSG00000287656	0	NA	NA	NA	NA
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NA	ENSG00000287659	0	NA	NA	NA	NA
NA	ENSG00000287660	0	NA	NA	NA	NA
NA	ENSG00000287661	0.95637525	-0.01442336	0.3815352	0.78814707	NA
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102723851	ENSG00000287664	0	NA	NA	NA	NA
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NA	ENSG00000287666	0	NA	NA	NA	NA
NA	ENSG00000287667	0	NA	NA	NA	NA
NA	ENSG00000287668	0	NA	NA	NA	NA
NA	ENSG00000287669	0	NA	NA	NA	NA
NA	ENSG00000287670	2.77824034	-0.01845422	0.37048806	0.85495604	0.93507872
NA	ENSG00000287671	1.72325675	-0.08315933	0.39102785	0.25697057	NA
112267986	ENSG00000287672	19.864768	-0.4021809	0.49250206	0.08424285	0.21965806
NA	ENSG00000287673	1.44273253	-0.05407331	0.38426274	0.43474088	NA
NA	ENSG00000287674	0	NA	NA	NA	NA
NA	ENSG00000287675	0	NA	NA	NA	NA
NA	ENSG00000287676	1.20568776	0.04339035	0.38336701	0.49154653	NA
NA	ENSG00000287677	0	NA	NA	NA	NA
NA	ENSG00000287678	6.23108444	0.02844653	0.36058475	0.8282905	0.92220943

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NA	ENSG00000287680	0	NA	NA	NA	NA
NA	ENSG00000287682	0	NA	NA	NA	NA
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NA	ENSG00000287685	0	NA	NA	NA	NA
102724482	ENSG00000287687	0.49467153	-0.02945455	0.38589797	0.52638879	NA
NA	ENSG00000287688	1.36783041	0.02514271	0.38027242	0.70410974	NA
NA	ENSG00000287689	0	NA	NA	NA	NA
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NA	ENSG00000287693	9.13926502	-0.21417859	0.41735177	0.19621843	0.3999652
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NA	ENSG00000287697	5.92186294	0.03876569	0.35860636	0.77649145	0.89723881
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NA	ENSG00000287699	0	NA	NA	NA	NA
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NA	ENSG00000287704	0	NA	NA	NA	NA
NA	ENSG00000287705	37.8104245	-1.20786394	0.41628826	0.00029791	0.00203247
NA	ENSG00000287706	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287707	20.1454735	-0.23929971	0.37508917	0.23639017	0.45318204
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NA	ENSG00000287709	0	NA	NA	NA	NA
NA	ENSG00000287710	8.38584208	-0.23160059	0.42686502	0.17532232	0.36929556
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NA	ENSG00000287713	0	NA	NA	NA	NA
NA	ENSG00000287714	0	NA	NA	NA	NA
NA	ENSG00000287715	5.29348586	0.19810064	0.43713009	0.11652424	0.27914042
NA	ENSG00000287717	0.29863895	-0.02292439	0.3852726	0.68753245	NA
NA	ENSG00000287718	0	NA	NA	NA	NA
NA	ENSG00000287719	0	NA	NA	NA	NA
NA	ENSG00000287720	1.71935304	0.06826027	0.38523292	0.39468037	NA

NA	ENSG00000287721	7.9088804	-0.11229525	0.36708484	0.46165579	0.68473119
NA	ENSG00000287722	0	NA	NA	NA	NA
NA	ENSG00000287723	0.32435025	-0.02327722	0.38532198	0.66830576	NA
NA	ENSG00000287724	0	NA	NA	NA	NA
NA	ENSG00000287725	51.1149593	0.99666389	0.34553	0.00041619	0.00274175
NA	ENSG00000287726	14.8340975	-1.28966831	0.752029	0.00437539	0.02083719
NA	ENSG00000287727	3.91088205	0.07634094	0.37682519	0.50172636	0.71856283
NA	ENSG00000287728	0	NA	NA	NA	NA
105373174	ENSG00000287729	8.63971392	-0.01934924	0.34541026	0.89758136	0.95510937
105377503	ENSG00000287730	5.19513928	-0.13928411	0.3952298	0.27830295	0.50270347
NA	ENSG00000287731	7.45314782	-0.15232286	0.40291602	0.23504063	0.45186105
NA	ENSG00000287732	0	NA	NA	NA	NA
NA	ENSG00000287733	14.688467	-0.05764794	0.33049512	0.73908426	0.87678975
105370340	ENSG00000287734	0	NA	NA	NA	NA
NA	ENSG00000287735	16.6099373	-0.15553096	0.34769455	0.40484657	0.6332011
100302522	ENSG00000287736	0.37844916	0.02407552	0.3854191	0.60038877	NA
NA	ENSG00000287737	39.8483492	0.08581163	0.27825518	0.66142954	0.8324506
NA	ENSG00000287738	0	NA	NA	NA	NA
NA	ENSG00000287739	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287740	0	NA	NA	NA	NA
NA	ENSG00000287741	0	NA	NA	NA	NA
NA	ENSG00000287742	1.18938041	0.01460834	0.37985013	0.81935323	NA
NA	ENSG00000287743	2.43483398	-0.02906042	0.37444566	0.75308019	NA
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NA	ENSG00000287746	0.37844916	0.02407552	0.3854191	0.60038877	NA
NA	ENSG00000287747	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287748	0	NA	NA	NA	NA
NA	ENSG00000287749	0	NA	NA	NA	NA
NA	ENSG00000287750	2.92132282	-0.01011889	0.37161443	0.91572789	0.96423105
NA	ENSG00000287751	2.2371623	0.02382108	0.3755746	0.78446418	NA
NA	ENSG00000287752	0	NA	NA	NA	NA
NA	ENSG00000287754	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287755	0.34746601	0.02370763	0.3853651	0.61987128	NA
NA	ENSG00000287756	0	NA	NA	NA	NA
NA	ENSG00000287757	2.49736985	0.03079573	0.37284393	0.75671977	NA
NA	ENSG00000287758	0	NA	NA	NA	NA
NA	ENSG00000287759	5.38583847	0.12913132	0.38668509	0.33986976	0.57023391

NA	ENSG00000287760	7.91464248	-0.05560449	0.3578664	0.6927297	0.8515339
NA	ENSG00000287761	0	NA	NA	NA	NA
NA	ENSG00000287762	3.44952104	-0.0440376	0.36999554	0.69309749	0.8516694
NA	ENSG00000287763	16.5824798	0.09222569	0.32901032	0.61329578	0.80098666
NA	ENSG00000287765	0.60279648	-0.02752712	0.38588313	0.49730371	NA
NA	ENSG00000287766	6.85554655	0.11749634	0.3721411	0.43241643	0.65788827
NA	ENSG00000287767	0	NA	NA	NA	NA
NA	ENSG00000287768	0	NA	NA	NA	NA
NA	ENSG00000287769	54.7472372	0.23007701	0.26990755	0.25499602	0.47574957
NA	ENSG00000287770	0	NA	NA	NA	NA
NA	ENSG00000287771	0	NA	NA	NA	NA
NA	ENSG00000287772	0	NA	NA	NA	NA
NA	ENSG00000287773	0.34048877	-0.00026283	0.38336243	0.96774397	NA
NA	ENSG00000287774	0	NA	NA	NA	NA
NA	ENSG00000287775	0	NA	NA	NA	NA
101928359	ENSG00000287776	0.69493202	0.03154416	0.38626309	0.41391645	NA
NA	ENSG00000287777	0	NA	NA	NA	NA
NA	ENSG00000287778	0.44795842	-0.02501848	0.38558245	0.5807882	NA
NA	ENSG00000287779	0	NA	NA	NA	NA
NA	ENSG00000287780	0.60003139	-0.03562257	0.38653686	0.43872573	NA
NA	ENSG00000287781	0	NA	NA	NA	NA
NA	ENSG00000287782	1.27915462	0.07088135	0.39316303	0.13507999	NA
NA	ENSG00000287783	1.69441396	-0.08000106	0.38889503	0.31346596	NA
NA	ENSG00000287784	0.79747063	-0.05676769	0.38955197	0.26929783	NA
NA	ENSG00000287785	0	NA	NA	NA	NA
NA	ENSG00000287786	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287787	11.4485315	-0.20861336	0.40065397	0.23537638	0.45219979
NA	ENSG00000287788	0	NA	NA	NA	NA
NA	ENSG00000287789	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287790	0	NA	NA	NA	NA
NA	ENSG00000287791	0	NA	NA	NA	NA
NA	ENSG00000287792	3.9543925	-0.24293521	0.48401714	0.04641761	0.14061674
NA	ENSG00000287793	0	NA	NA	NA	NA
NA	ENSG00000287794	0	NA	NA	NA	NA
NA	ENSG00000287795	0.53368853	0.01340264	0.38343265	0.7463963	NA
NA	ENSG00000287796	0	NA	NA	NA	NA
NA	ENSG00000287797	0	NA	NA	NA	NA
NA	ENSG00000287798	0.76967324	-0.05423102	0.38910258	0.28616281	NA

NA	ENSG00000287799	0.51585562	0.03114837	0.38605604	0.47741718	NA
NA	ENSG00000287800	0	NA	NA	NA	NA
NA	ENSG00000287801	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000287802	0	NA	NA	NA	NA
105372045	ENSG00000287803	0	NA	NA	NA	NA
NA	ENSG00000287804	0.33471731	0.02354391	0.38534154	0.62842204	NA
NA	ENSG00000287805	0	NA	NA	NA	NA
NA	ENSG00000287806	0	NA	NA	NA	NA
NA	ENSG00000287807	0.45209736	-0.02505403	0.38558831	0.57865948	NA
NA	ENSG00000287808	15.9221175	0.05460331	0.3243193	0.76156435	0.88972737
NA	ENSG00000287809	5.86364118	-0.08594918	0.37053533	0.51575394	0.73002247
NA	ENSG00000287810	0	NA	NA	NA	NA
NA	ENSG00000287811	12.2289519	0.00504616	0.33302508	0.97791171	0.99249544
NA	ENSG00000287812	0	NA	NA	NA	NA
NA	ENSG00000287813	0.72579929	0.02635104	0.38349217	0.56165757	NA
NA	ENSG00000287814	0	NA	NA	NA	NA
107986742	ENSG00000287815	0.67094579	0.0208231	0.38371794	0.62740958	NA
NA	ENSG00000287816	0.82180424	0.01534523	0.38187413	0.76628267	NA
NA	ENSG00000287817	10.7684764	-0.00243394	0.33955383	0.98575665	0.99508557
NA	ENSG00000287818	0	NA	NA	NA	NA
NA	ENSG00000287819	0	NA	NA	NA	NA
NA	ENSG00000287820	0	NA	NA	NA	NA
NA	ENSG00000287821	0	NA	NA	NA	NA
NA	ENSG00000287822	0	NA	NA	NA	NA
NA	ENSG00000287823	36.0492377	0.06954549	0.27661991	0.72161082	0.86710427
NA	ENSG00000287824	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287825	16.4993664	-0.02858622	0.32060993	0.87073422	0.94350971
NA	ENSG00000287826	0	NA	NA	NA	NA
NA	ENSG00000287827	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287828	0	NA	NA	NA	NA
NA	ENSG00000287829	1.19982456	0.01103254	0.3804794	0.85228292	NA
NA	ENSG00000287830	0	NA	NA	NA	NA
NA	ENSG00000287831	0	NA	NA	NA	NA
NA	ENSG00000287832	0	NA	NA	NA	NA
NA	ENSG00000287833	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287834	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287835	0	NA	NA	NA	NA
NA	ENSG00000287836	8.57022953	0.09447298	0.35673206	0.5510514	0.75754294

NA	ENSG00000287837	86.1927706	0.33573544	0.26440203	0.10158855	0.2522865
101927042	ENSG00000287838	0.84346184	0.03686889	0.38467262	0.46092622	NA
NA	ENSG00000287839	3.71296532	0.04127906	0.36959502	0.7145013	0.86242659
NA	ENSG00000287840	0	NA	NA	NA	NA
NA	ENSG00000287841	0	NA	NA	NA	NA
NA	ENSG00000287842	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287843	2.45429742	-0.0604727	0.3807432	0.49618501	NA
NA	ENSG00000287844	0	NA	NA	NA	NA
NA	ENSG00000287845	1.72867794	0.02644642	0.37918405	0.71511956	NA
NA	ENSG00000287846	0	NA	NA	NA	NA
NA	ENSG00000287847	0	NA	NA	NA	NA
NA	ENSG00000287848	0	NA	NA	NA	NA
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NA	ENSG00000287850	0	NA	NA	NA	NA
NA	ENSG00000287851	0	NA	NA	NA	NA
NA	ENSG00000287852	0	NA	NA	NA	NA
NA	ENSG00000287853	32.3736625	0.08856423	0.28757635	0.65033635	0.82529572
NA	ENSG00000287854	0	NA	NA	NA	NA
NA	ENSG00000287855	2.93076177	0.01430693	0.37039821	0.89046088	0.95232275
NA	ENSG00000287856	3.8244224	0.35995464	0.69029444	0.00101068	0.00596003
NA	ENSG00000287857	1.35166901	0.01125905	0.37809282	0.87651762	NA
NA	ENSG00000287858	0	NA	NA	NA	NA
NA	ENSG00000287859	0.49354374	0.01280602	0.3829857	0.77385479	NA
NA	ENSG00000287860	0	NA	NA	NA	NA
NA	ENSG00000287861	0	NA	NA	NA	NA
NA	ENSG00000287862	0.83697927	-0.036404	0.38459084	0.48210076	NA
NA	ENSG00000287863	0	NA	NA	NA	NA
NA	ENSG00000287864	0	NA	NA	NA	NA
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NA	ENSG00000287866	0.49841598	0.01148121	0.38338205	0.78004852	NA
NA	ENSG00000287867	0	NA	NA	NA	NA
NA	ENSG00000287868	0.60003385	-0.03562268	0.38653687	0.4387243	NA
NA	ENSG00000287869	0.96383085	-0.02457552	0.38058365	0.70272939	NA
NA	ENSG00000287870	2.84012507	0.17190809	0.43291531	0.06402536	0.17979744
NA	ENSG00000287871	0	NA	NA	NA	NA
NA	ENSG00000287872	17.4514145	-0.07600199	0.3319228	0.66509849	0.8346334
NA	ENSG00000287873	0	NA	NA	NA	NA
NA	ENSG00000287875	0	NA	NA	NA	NA

NA	ENSG00000287876	0	NA	NA	NA	NA	
NA	ENSG00000287877	0	NA	NA	NA	NA	
NA	ENSG00000287878	19.8363739	-0.07768149	0.31983319	0.67181431	0.83832583	
NA	ENSG00000287879	5.27528199	0.19189469	0.42520857	0.15998294	0.3476138	
NA	ENSG00000287880	0	NA	NA	NA	NA	
NA	ENSG00000287881	0	NA	NA	NA	NA	
NA	ENSG00000287882	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000287883	0	NA	NA	NA	NA	
NA	ENSG00000287884	1.09706966	-0.02569648	0.38192734	0.65373155	NA	
105371272	ENSG00000287885	0	NA	NA	NA	NA	
NA	ENSG00000287886	0	NA	NA	NA	NA	
NA	ENSG00000287887	0	NA	NA	NA	NA	
NA	ENSG00000287888	0	NA	NA	NA	NA	
105379478	ENSG00000287889	0.29863895	-0.02292439	0.3852726	0.68753245	NA	FAM242B
NA	ENSG00000287891	0	NA	NA	NA	NA	
NA	ENSG00000287892	2.60558162	0.04889668	0.37609843	0.61438552	0.80188203	
NA	ENSG00000287893	0	NA	NA	NA	NA	
NA	ENSG00000287894	2.89974789	0.08729326	0.38306597	0.41050178	0.63818422	
NA	ENSG00000287895	3.32708198	0.06664946	0.37700538	0.53161001	0.74286115	
NA	ENSG00000287896	11.0386513	-0.06230485	0.34497441	0.69748467	0.85389371	
NA	ENSG00000287897	0	NA	NA	NA	NA	
NA	ENSG00000287898	1.15196696	-0.00673664	0.37777312	0.92607535	NA	
NA	ENSG00000287899	0	NA	NA	NA	NA	
NA	ENSG00000287900	6.48007289	-0.35187218	0.61750661	0.01997707	0.07288434	
NA	ENSG00000287901	0	NA	NA	NA	NA	
NA	ENSG00000287902	0	NA	NA	NA	NA	
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NA	ENSG00000287906	0	NA	NA	NA	NA	
NA	ENSG00000287907	0	NA	NA	NA	NA	
NA	ENSG00000287908	90.1543751	0.43349032	0.25853343	0.03546513	0.11446692	
NA	ENSG00000287909	0	NA	NA	NA	NA	
NA	ENSG00000287910	9.24461723	0.06281092	0.34812383	0.69220521	0.85116657	
NA	ENSG00000287912	0	NA	NA	NA	NA	
NA	ENSG00000287913	1.40358258	0.02106454	0.3808631	0.72894553	NA	
NA	ENSG00000287914	0	NA	NA	NA	NA	
NA	ENSG00000287915	0	NA	NA	NA	NA	

NA	ENSG00000287916	1.84991999	-0.02403728	0.37831144	0.74787186	NA
NA	ENSG00000287917	9.21873595	0.40340335	0.63282853	0.04329872	0.13328883
107985693	ENSG00000287918	8.83730605	0.245731	0.44092761	0.15379631	0.33890581
NA	ENSG00000287919	0.33471731	0.02354391	0.38534154	0.62842204	NA
NA	ENSG00000287920	1.32736555	0.00976309	0.37697897	0.89982968	NA
NA	ENSG00000287921	2.25860577	-0.05520292	0.38055866	0.51869659	NA
NA	ENSG00000287922	1.18738166	0.02563718	0.37888244	0.72681807	NA
NA	ENSG00000287923	0	NA	NA	NA	NA
NA	ENSG00000287924	0	NA	NA	NA	NA
101928701	ENSG00000287925	0.50207596	0.02562368	0.38565771	0.52549886	NA
NA	ENSG00000287926	0	NA	NA	NA	NA
107986954	ENSG00000287927	0	NA	NA	NA	NA
NA	ENSG00000287928	0	NA	NA	NA	NA
NA	ENSG00000287929	3.06444207	-0.17234658	0.43232321	0.07138682	0.19425517
NA	ENSG00000287930	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287931	0	NA	NA	NA	NA
NA	ENSG00000287932	2.99146277	0.01526773	0.37192929	0.87717575	0.94574195
NA	ENSG00000287933	0	NA	NA	NA	NA
NA	ENSG00000287934	13.9189106	0.22707762	0.38527565	0.24420779	0.46275861
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NA	ENSG00000287936	3.00860046	0.01845499	0.37068475	0.85799284	0.936593
NA	ENSG00000287937	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287938	0	NA	NA	NA	NA
NA	ENSG00000287939	0	NA	NA	NA	NA
NA	ENSG00000287940	0	NA	NA	NA	NA
NA	ENSG00000287941	0	NA	NA	NA	NA
NA	ENSG00000287942	0	NA	NA	NA	NA
NA	ENSG00000287943	0	NA	NA	NA	NA
NA	ENSG00000287944	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000287945	0	NA	NA	NA	NA
NA	ENSG00000287946	0	NA	NA	NA	NA
NA	ENSG00000287947	0	NA	NA	NA	NA
NA	ENSG00000287948	0	NA	NA	NA	NA
NA	ENSG00000287949	1.74925639	0.03720272	0.38065701	0.60584933	NA
NA	ENSG00000287950	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000287951	0	NA	NA	NA	NA
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NA	ENSG00000287955	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287956	0	NA	NA	NA	NA
NA	ENSG00000287957	28.6149639	-0.31300532	0.3664988	0.15792629	0.34494256
NA	ENSG00000287958	0	NA	NA	NA	NA
NA	ENSG00000287959	0.32459987	0.00146864	0.38336925	0.96624594	NA
105372268	ENSG00000287960	1.05188022	0.0046835	0.37992989	0.93887772	NA
NA	ENSG00000287961	0.37844916	0.02407552	0.3854191	0.60038877	NA
NA	ENSG00000287962	0	NA	NA	NA	NA
NA	ENSG00000287963	0	NA	NA	NA	NA
NA	ENSG00000287964	0	NA	NA	NA	NA
NA	ENSG00000287965	1.06518785	0.0594317	0.3876906	0.30384132	NA
NA	ENSG00000287966	20.0398036	-0.01670211	0.31381625	0.92437198	0.96852
NA	ENSG00000287967	2.36981147	-0.01747701	0.375016	0.83873842	NA
NA	ENSG00000287968	0	NA	NA	NA	NA
NA	ENSG00000287969	1.2569777	-0.04004106	0.38258868	0.53439041	NA
NA	ENSG00000287970	0.56767373	0.02627943	0.38574813	0.49686938	NA
NA	ENSG00000287971	0.173733	0.01914545	0.38484597	0.78225479	NA
NA	ENSG00000287972	0	NA	NA	NA	NA
NA	ENSG00000287973	0	NA	NA	NA	NA
NA	ENSG00000287974	0	NA	NA	NA	NA
NA	ENSG00000287975	0.30139824	-0.02296476	0.38527817	0.68536535	NA
NA	ENSG00000287976	0	NA	NA	NA	NA
NA	ENSG00000287977	0	NA	NA	NA	NA
100996756	ENSG00000287978	26.392324	0.07410138	0.29690003	0.70162216	0.85636319
NA	ENSG00000287979	1.26503409	-0.07336534	0.39035182	0.24684899	NA
NA	ENSG00000287980	0	NA	NA	NA	NA
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NA	ENSG00000287982	0	NA	NA	NA	NA
NA	ENSG00000287983	0	NA	NA	NA	NA
105376650	ENSG00000287984	0	NA	NA	NA	NA
NA	ENSG00000287985	2.96310391	0.0750714	0.38088429	0.45832237	0.68173128
NA	ENSG00000287986	0	NA	NA	NA	NA
NA	ENSG00000287987	0	NA	NA	NA	NA
NA	ENSG00000287988	0.173124	-0.01911262	0.38486262	0.84537521	NA
NA	ENSG00000287989	0	NA	NA	NA	NA
NA	ENSG00000287990	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000287991	0	NA	NA	NA	NA

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NA	ENSG00000287995	0	NA	NA	NA	NA
NA	ENSG00000287996	0	NA	NA	NA	NA
NA	ENSG00000287997	0.70251025	0.00112653	0.38181126	0.98003478	NA
NA	ENSG00000287998	0.34079289	0.00311307	0.38339374	0.95872571	NA
NA	ENSG00000287999	0.6344316	-0.01466707	0.38322023	0.71918516	NA
NA	ENSG00000288000	0.69249601	-0.03077728	0.38619256	0.44510896	NA
NA	ENSG00000288001	0	NA	NA	NA	NA
NA	ENSG00000288002	0	NA	NA	NA	NA
NA	ENSG00000288003	0	NA	NA	NA	NA
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NA	ENSG00000288006	0	NA	NA	NA	NA
NA	ENSG00000288007	0.33846081	0.00214826	0.38337698	0.96794605	NA
NA	ENSG00000288008	0	NA	NA	NA	NA
101929004	ENSG00000288009	8.24108961	0.10672545	0.36852551	0.47188204	0.69421175
NA	ENSG00000288010	0.32448402	0.00137575	0.38336839	0.96713373	NA
283045	ENSG00000288011	2.12543912	-0.10199038	0.39771671	0.18730111	NA
NA	ENSG00000288012	23.1396081	0.43180522	0.45275585	0.07888858	0.20935653
NA	ENSG00000288013	0	NA	NA	NA	NA
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105370224	ENSG00000288015	0.6211681	-0.0449786	0.38755447	0.3751414	NA
NA	ENSG00000288016	0	NA	NA	NA	NA
NA	ENSG00000288017	0	NA	NA	NA	NA
NA	ENSG00000288018	1.22002958	0.08546955	0.39689241	0.10921912	NA
NA	ENSG00000288019	0	NA	NA	NA	NA
NA	ENSG00000288020	0.44795842	-0.02501848	0.38558245	0.5807882	NA
NA	ENSG00000288021	9.24061745	-0.14085925	0.37744805	0.36687582	0.59618256
NA	ENSG00000288022	0	NA	NA	NA	NA
NA	ENSG00000288023	0	NA	NA	NA	NA
NA	ENSG00000288024	0	NA	NA	NA	NA
NA	ENSG00000288025	5.46786627	0.40617892	0.68877743	0.02667639	0.09159412
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NA	ENSG00000288028	0	NA	NA	NA	NA
NA	ENSG00000288029	0	NA	NA	NA	NA
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NA	ENSG00000288032	0.55182218	0.0328901	0.38623373	0.45211583	NA
NA	ENSG00000288033	1.50895707	0.02285736	0.37689267	0.7786331	NA
NA	ENSG00000288034	0	NA	NA	NA	NA
NA	ENSG00000288035	5.82064428	-0.10756818	0.37443748	0.43940926	0.66472587
NA	ENSG00000288036	0	NA	NA	NA	NA
NA	ENSG00000288037	0.4870685	0.01131508	0.38340208	0.78579198	NA
NA	ENSG00000288038	0	NA	NA	NA	NA
NA	ENSG00000288039	0.16735865	0.01897177	0.38482933	0.78225479	NA
NA	ENSG00000288040	0	NA	NA	NA	NA
NA	ENSG00000288041	0	NA	NA	NA	NA
NA	ENSG00000288042	0	NA	NA	NA	NA
NA	ENSG00000288043	0	NA	NA	NA	NA
NA	ENSG00000288044	23.5051383	0.3750264	0.40610276	0.10899928	0.26527794
NA	ENSG00000288045	9.09716989	-0.0246558	0.34687264	0.86901067	0.94281029
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NA	ENSG00000288047	0	NA	NA	NA	NA
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105377224	ENSG00000288049	0	NA	NA	NA	NA
NA	ENSG00000288050	2.65166202	0.1305819	0.40615111	0.16100794	0.34903818
NA	ENSG00000288051	0	NA	NA	NA	NA
NA	ENSG00000288052	0	NA	NA	NA	NA
NA	ENSG00000288053	0	NA	NA	NA	NA
NA	ENSG00000288054	0	NA	NA	NA	NA
NA	ENSG00000288055	0.52225033	0.01066263	0.3832554	0.77334613	NA
NA	ENSG00000288056	8.45562689	0.02589642	0.3495282	0.86345215	0.93955414
NA	ENSG00000288057	0	NA	NA	NA	NA
NA	ENSG00000288059	0.34043931	-1.91E-05	0.38336211	0.96543398	NA
NA	ENSG00000288060	0	NA	NA	NA	NA
NA	ENSG00000288061	0.84891326	0.01880729	0.38136832	0.73927142	NA
101929748	ENSG00000288062	0.32248581	-0.02325418	0.38531869	0.66960999	NA
NA	ENSG00000288063	2.75737297	0.00619391	0.37286586	0.94847299	0.97876335
NA	ENSG00000288064	0	NA	NA	NA	NA
NA	ENSG00000288065	15.236156	-0.14612814	0.35410707	0.4154693	0.64244323
NA	ENSG00000288066	141.126305	0.21883523	0.19942814	0.20061223	0.40580613
NA	ENSG00000288067	1.17756742	-0.00788849	0.37859147	0.90849347	NA
NA	ENSG00000288068	0	NA	NA	NA	NA
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NA	ENSG00000288071	0	NA	NA	NA	NA
NA	ENSG00000288072	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000288073	0	NA	NA	NA	NA
NA	ENSG00000288074	1.06498201	0.02828769	0.38159657	0.63907646	NA
NA	ENSG00000288075	2.09549727	0.04643377	0.38222828	0.49804545	NA
NA	ENSG00000288076	0	NA	NA	NA	NA
NA	ENSG00000288077	0.3566638	0.02381694	0.38538104	0.61402576	NA
NA	ENSG00000288078	0	NA	NA	NA	NA
NA	ENSG00000288079	11.4918418	0.06054155	0.33694812	0.72244227	0.86754018
NA	ENSG00000288080	0.15069912	-0.01848503	0.38480575	0.84537521	NA
NA	ENSG00000288081	0	NA	NA	NA	NA
NA	ENSG00000288082	0.14931947	-0.01844332	0.38480212	0.84537521	NA
NA	ENSG00000288083	0	NA	NA	NA	NA
NA	ENSG00000288084	0	NA	NA	NA	NA
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NA	ENSG00000288089	0.30001814	-0.02294461	0.38527539	0.68644733	NA
NA	ENSG00000288090	0	NA	NA	NA	NA
NA	ENSG00000288091	0	NA	NA	NA	NA
NA	ENSG00000288092	0	NA	NA	NA	NA
NA	ENSG00000288093	15.4206696	-0.07684221	0.33019571	0.66417261	0.83431586
105372749	ENSG00000288094	0	NA	NA	NA	NA
NA	ENSG00000288095	2.67479381	0.04213425	0.37639344	0.64961019	0.82525848
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NA	ENSG00000288097	0	NA	NA	NA	NA
NA	ENSG00000288098	0	NA	NA	NA	NA
NA	ENSG00000288099	0	NA	NA	NA	NA
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NA	ENSG00000288101	0	NA	NA	NA	NA
NA	ENSG00000288102	0	NA	NA	NA	NA
NA	ENSG00000288103	1.37458876	-0.01994679	0.37867623	0.77991078	NA
NA	ENSG00000288104	0	NA	NA	NA	NA
NA	ENSG00000288105	0	NA	NA	NA	NA
NA	ENSG00000288106	0.18922458	0.01954053	0.38488496	0.78225479	NA
NA	ENSG00000288107	0.87251274	0.04638608	0.38539524	0.40204632	NA

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NA	ENSG00000288109	0	NA	NA	NA	NA	
NA	ENSG00000288110	0	NA	NA	NA	NA	
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NA	ENSG00000288139	0	NA	NA	NA	NA	
NA	ENSG00000288153	0	NA	NA	NA	NA	
NA	ENSG00000288156	1.88587181	-0.0673179	0.38454367	0.41164027	NA	
NA	ENSG00000288162	0	NA	NA	NA	NA	
NA	ENSG00000288172	0	NA	NA	NA	NA	
NA	ENSG00000288177	0	NA	NA	NA	NA	
NA	ENSG00000288187	44.6022682	0.13180928	0.27812843	0.50594711	0.72177288	
NA	ENSG00000288208	13.5085055	0.07143486	0.35392562	0.64268498	0.82136499	
NA	ENSG00000288218	0	NA	NA	NA	NA	
NA	ENSG00000288225	0	NA	NA	NA	NA	
NA	ENSG00000288234	1.30042642	-0.04538914	0.38223812	0.51859008	NA	
NA	ENSG00000288235	1.16908709	-0.02847233	0.38213789	0.62166995	NA	FAM106C
NA	ENSG00000288245	0	NA	NA	NA	NA	
NA	ENSG00000288252	0	NA	NA	NA	NA	
NA	ENSG00000288253	29.3022709	0.14689761	0.31157558	0.45878757	0.68223245	
NA	ENSG00000288255	0	NA	NA	NA	NA	
NA	ENSG00000288258	1.2678036	-0.009054	0.38121207	0.86643421	NA	
NA	ENSG00000288262	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000288266	0	NA	NA	NA	NA	
NA	ENSG00000288271	0	NA	NA	NA	NA	
NA	ENSG00000288300	0	NA	NA	NA	NA	
NA	ENSG00000288302	0	NA	NA	NA	NA	
NA	ENSG00000288321	0	NA	NA	NA	NA	
NA	ENSG00000288330	0	NA	NA	NA	NA	
NA	ENSG00000288349	17.5780737	0.02162531	0.33364461	0.89954808	0.95557174	
NA	ENSG00000288393	0	NA	NA	NA	NA	
NA	ENSG00000288398	145.184801	0.27885388	0.19600031	0.09990511	0.249041	
NA	ENSG00000288434	0	NA	NA	NA	NA	
NA	ENSG00000288437	0.51425717	0.01263696	0.38290254	0.75789216	NA	
NA	ENSG00000288459	2.28273362	-0.00769513	0.3742036	0.92894305	NA	
NA	ENSG00000288460	0	NA	NA	NA	NA	SMIM42
NA	ENSG00000288473	138.864841	0.1730317	0.19926372	0.31146487	0.53912607	
NA	ENSG00000288484	0	NA	NA	NA	NA	
NA	ENSG00000288520	3.51453172	0.03063794	0.38660396	0.17312841	0.36587852	

NA	ENSG00000288523	0	NA	NA	NA	NA	
NA	ENSG00000288524	0	NA	NA	NA	NA	
NA	ENSG00000288525	0	NA	NA	NA	NA	
NA	ENSG00000288526	0	NA	NA	NA	NA	
NA	ENSG00000288527	0	NA	NA	NA	NA	
NA	ENSG00000288528	0	NA	NA	NA	NA	
NA	ENSG00000288529	0	NA	NA	NA	NA	
NA	ENSG00000288530	0.66024908	0.02535309	0.38356404	0.59476787	NA	
107984850	ENSG00000288531	0.173124	-0.01911262	0.38486262	0.84537521	NA	
NA	ENSG00000288532	0	NA	NA	NA	NA	
NA	ENSG00000288533	4.81654729	0.16379771	0.40689553	0.22065345	0.43304726	
NA	ENSG00000288534	1337.35394	-0.5694716	0.13197383	5.04E-06	5.06E-05	
NA	ENSG00000288535	0	NA	NA	NA	NA	
NA	ENSG00000288536	0	NA	NA	NA	NA	
101929116	ENSG00000288537	0	NA	NA	NA	NA	
NA	ENSG00000288538	17.1835476	0.10160121	0.3385091	0.56854688	0.76931138	
NA	ENSG00000288539	0.36291386	0.02389448	0.38539236	0.6099867	NA	
NA	ENSG00000288540	0	NA	NA	NA	NA	
NA	ENSG00000288541	0	NA	NA	NA	NA	
NA	ENSG00000288542	0	NA	NA	NA	NA	
NA	ENSG00000288543	1.2213874	0.07008191	0.38976228	0.23838605	NA	
NA	ENSG00000288545	0.18922458	0.01954053	0.38488496	0.78225479	NA	
NA	ENSG00000288546	0	NA	NA	NA	NA	
80111	ENSG00000288547	0	NA	NA	NA	NA	
NA	ENSG00000288548	3.80249933	0.0574665	0.37188699	0.61613231	0.8032108	
NA	ENSG00000288549	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000288550	1.19141972	0.02561433	0.38175322	0.65734625	NA	
NA	ENSG00000288551	1.21519092	0.01522332	0.37985143	0.81213248	NA	
NA	ENSG00000288552	0	NA	NA	NA	NA	
NA	ENSG00000288553	0	NA	NA	NA	NA	
NA	ENSG00000288554	0	NA	NA	NA	NA	
NA	ENSG00000288555	0	NA	NA	NA	NA	
NA	ENSG00000288556	0	NA	NA	NA	NA	
NA	ENSG00000288557	0.8693871	0.01853958	0.38131019	0.74306202	NA	
115253422	ENSG00000288558	334.585022	0.21313872	0.13152363	0.08393072	0.21898015	DUS4L-BCAP29
NA	ENSG00000288559	59.943817	-0.06645909	0.24657996	0.72508767	0.86844186	
NA	ENSG00000288560	0	NA	NA	NA	NA	
NA	ENSG00000288561	2.63058891	-0.08281275	0.38628294	0.3652969	0.5947154	

C3orf36

NA	ENSG00000288562	0	NA	NA	NA	NA	
NA	ENSG00000288563	0	NA	NA	NA	NA	
NA	ENSG00000288564	0	NA	NA	NA	NA	
NA	ENSG00000288565	0	NA	NA	NA	NA	
NA	ENSG00000288566	0	NA	NA	NA	NA	
NA	ENSG00000288567	0	NA	NA	NA	NA	
101928737	ENSG00000288568	8.54159087	-0.18633697	0.40010769	0.24634932	0.46561593	
NA	ENSG00000288569	0.173733	0.01914545	0.38484597	0.78225479	NA	LINC01949
NA	ENSG00000288570	0	NA	NA	NA	NA	
NA	ENSG00000288571	0.93874407	-0.03677204	0.38436783	0.45957655	NA	
NA	ENSG00000288573	8.63268634	-0.07101328	0.35724188	0.62899803	0.81208569	
NA	ENSG00000288574	0	NA	NA	NA	NA	
NA	ENSG00000288575	0	NA	NA	NA	NA	
NA	ENSG00000288576	0	NA	NA	NA	NA	
NA	ENSG00000288577	9.67924823	-0.09096574	0.35894847	0.5524538	0.75887409	
105369292	ENSG00000288578	0	NA	NA	NA	NA	
NA	ENSG00000288579	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000288580	0	NA	NA	NA	NA	
NA	ENSG00000288581	0	NA	NA	NA	NA	
NA	ENSG00000288582	0	NA	NA	NA	NA	NABP1-OT1
NA	ENSG00000288583	0.15069912	-0.01848503	0.38480575	0.84537521	NA	
NA	ENSG00000288584	0	NA	NA	NA	NA	
NA	ENSG00000288585	0.53458746	-0.00900356	0.38315162	0.81876473	NA	
NA	ENSG00000288586	7.32344012	-0.1205574	0.37403437	0.41527106	0.64231527	
NA	ENSG00000288587	0	NA	NA	NA	NA	
NA	ENSG00000288588	1.41732335	-0.02721791	0.37994643	0.69362091	NA	
NA	ENSG00000288589	0.16735865	0.01897177	0.38482933	0.78225479	NA	
NA	ENSG00000288591	0	NA	NA	NA	NA	
NA	ENSG00000288592	0	NA	NA	NA	NA	
NA	ENSG00000288593	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000288595	0.173124	-0.01911262	0.38486262	0.84537521	NA	
56260	ENSG00000288596	58.4680958	0.50819372	0.32948061	0.03264477	0.10723051	C8orf44
NA	ENSG00000288597	37.6240638	-0.118234	0.28197266	0.54659205	0.75371048	
105370174	ENSG00000288598	10.5992448	0.07932107	0.3462977	0.63095843	0.81344688	
NA	ENSG00000288600	0	NA	NA	NA	NA	
NA	ENSG00000288601	0	NA	NA	NA	NA	
100533105	ENSG00000288602	5.9422875	0.02201747	0.37139376	0.83013489	0.92296908	
109617009	ENSG00000288603	0	NA	NA	NA	NA	SNORA74C-2

NA	ENSG00000288604	15.0649277	-0.07934864	0.33392387	0.64737	0.82430661	
NA	ENSG00000288605	0	NA	NA	NA	NA	
NA	ENSG00000288606	0	NA	NA	NA	NA	
NA	ENSG00000288607	0.87354854	0.03848948	0.38478448	0.44581347	NA	
NA	ENSG00000288608	0	NA	NA	NA	NA	
NA	ENSG00000288610	0	NA	NA	NA	NA	
2831	ENSG00000288611	0	NA	NA	NA	NA	NPBWR1
NA	ENSG00000288612	7.4321476	0.18090401	0.40100778	0.24980377	0.46950614	
NA	ENSG00000288614	0	NA	NA	NA	NA	
NA	ENSG00000288615	0	NA	NA	NA	NA	
NA	ENSG00000288616	1.17151057	0.04905867	0.3887731	0.21859307	NA	
NA	ENSG00000288618	0	NA	NA	NA	NA	
NA	ENSG00000288620	0	NA	NA	NA	NA	
NA	ENSG00000288622	16.2273092	0.02403285	0.38096846	0.70704947	0.85886619	PDCD6-AHRR
NA	ENSG00000288623	0	NA	NA	NA	NA	
NA	ENSG00000288625	0	NA	NA	NA	NA	
NA	ENSG00000288626	0	NA	NA	NA	NA	
NA	ENSG00000288627	0	NA	NA	NA	NA	
NA	ENSG00000288629	0	NA	NA	NA	NA	
NA	ENSG00000288630	3.31190259	0.0110888	0.38339009	0.77302189	0.89561741	
NA	ENSG00000288631	0.87354854	0.03848948	0.38478448	0.44581347	NA	
NA	ENSG00000288632	214.383882	0.12396564	0.16702869	0.4113804	0.63908755	
NA	ENSG00000288633	0	NA	NA	NA	NA	
NA	ENSG00000288634	0	NA	NA	NA	NA	
NA	ENSG00000288635	1.75232291	-0.02629877	0.37766539	0.73917043	NA	
NA	ENSG00000288636	0	NA	NA	NA	NA	
NA	ENSG00000288637	31.4979007	1.05747257	0.5418603	0.00365892	0.01791092	
NA	ENSG00000288638	1.16541485	-0.00646963	0.38024095	0.98721962	NA	LNCDAT
NA	ENSG00000288639	0	NA	NA	NA	NA	
NA	ENSG00000288640	112.458303	0.26470288	0.32485218	0.21626318	0.427144	
1038	ENSG00000288642	0	NA	NA	NA	NA	CDR1
NA	ENSG00000288643	0	NA	NA	NA	NA	
NA	ENSG00000288644	0	NA	NA	NA	NA	
NA	ENSG00000288645	0	NA	NA	NA	NA	
NA	ENSG00000288646	0	NA	NA	NA	NA	
NA	ENSG00000288648	0.29863895	-0.02292439	0.3852726	0.68753245	NA	
170487	ENSG00000288649	28.1140125	-0.33884902	0.37006446	0.13465977	0.30907563	ACTL10
NA	ENSG00000288654	0	NA	NA	NA	NA	

NA	ENSG00000288656	1.31456701	-0.00157611	0.38019082	0.97791793	NA	
NA	ENSG00000288657	0	NA	NA	NA	NA	
NA	ENSG00000288658	32.5725932	-0.45271413	0.39592808	0.06600412	0.18369334	
NA	ENSG00000288659	0	NA	NA	NA	NA	
NA	ENSG00000288661	0	NA	NA	NA	NA	
NA	ENSG00000288662	0	NA	NA	NA	NA	
NA	ENSG00000288663	151.829556	0.14727793	0.22464807	0.42262766	0.64863717	
NA	ENSG00000288665	0	NA	NA	NA	NA	
NA	ENSG00000288667	0	NA	NA	NA	NA	
NA	ENSG00000288669	0	NA	NA	NA	NA	
NA	ENSG00000288670	146.332126	0.08745586	0.17650341	0.577998	0.77614203	
NA	ENSG00000288671	0	NA	NA	NA	NA	
NA	ENSG00000288674	62.3237455	0.49814543	0.32376766	0.0344997	0.11209861	
101927423	ENSG00000288675	48.8224192	-0.09851075	0.26671136	0.61145189	0.79952583	
NA	ENSG00000288677	0	NA	NA	NA	NA	
NA	ENSG00000288678	0	NA	NA	NA	NA	
NA	ENSG00000288679	0	NA	NA	NA	NA	
NA	ENSG00000288680	0	NA	NA	NA	NA	
NA	ENSG00000288681	0	NA	NA	NA	NA	
NA	ENSG00000288683	98.5339339	0.00578012	0.24291619	0.97730359	0.99232877	
NA	ENSG00000288684	64.6662933	0.35066398	0.35291126	0.1233547	0.29097102	
NA	ENSG00000288685	0.64810743	0.0036264	0.38250683	0.9311994	NA	
100132596	ENSG00000288686	0	NA	NA	NA	NA	XGY2
644316	ENSG00000288690	37.3286602	0.06348459	0.2929227	0.74309183	0.87881151	
105377369	ENSG00000288691	0	NA	NA	NA	NA	
NA	ENSG00000288692	0	NA	NA	NA	NA	
NA	ENSG00000288694	14.4465974	0.00912869	0.32642424	0.95995351	0.98360159	
NA	ENSG00000288695	13.3285046	-0.05861833	0.35938778	0.671351	0.83825699	
NA	ENSG00000288696	0	NA	NA	NA	NA	
NA	ENSG00000288697	0	NA	NA	NA	NA	
NA	ENSG00000288698	32.1286745	0.41348348	0.58009315	0.06163702	0.17502196	
NA	ENSG00000288699	2.24785004	0.10787431	0.40043448	0.15742727	NA	
NA	ENSG00000288700	2.08474005	-0.0301077	0.38161686	0.49512093	NA	
84726	ENSG00000288701	12288.4978	0.04235117	0.066723	0.52794689	0.73966995	PRRC2B
54659	ENSG00000288702	0	NA	NA	NA	NA	UGT1A3
NA	ENSG00000288703	0	NA	NA	NA	NA	
NA	ENSG00000288704	3.00954847	0.02922899	0.37420458	0.75683118	0.88697677	
54579	ENSG00000288705	0	NA	NA	NA	NA	UGT1A5

NA	ENSG00000288706	0	NA	NA	NA	NA	
NA	ENSG00000288707	0.37844916	0.02407552	0.3854191	0.60038877	NA	
NA	ENSG00000288708	0	NA	NA	NA	NA	
474383	ENSG00000288709	58.572572	-0.25369983	0.29537754	0.22455455	0.43832765	F8A2
NA	ENSG00000288710	17.3397815	0.06147093	0.34064698	0.71457651	0.86245136	
NA	ENSG00000288711	0	NA	NA	NA	NA	
NA	ENSG00000288712	0	NA	NA	NA	NA	
NA	ENSG00000288713	0	NA	NA	NA	NA	
NA	ENSG00000288714	0	NA	NA	NA	NA	
NA	ENSG00000288715	0	NA	NA	NA	NA	
NA	ENSG00000288716	0	NA	NA	NA	NA	
105377063	ENSG00000288717	0.173733	0.01914545	0.38484597	0.78225479	NA	
NA	ENSG00000288718	0	NA	NA	NA	NA	
NA	ENSG00000288719	0.31721277	0.00155378	0.38337034	0.96296489	NA	
NA	ENSG00000288720	8.31317506	-0.05761979	0.35050031	0.70544308	0.85803894	
NA	ENSG00000288721	46.7350714	-0.00937959	0.2724291	0.95909767	0.9831126	
8263	ENSG00000288722	264.787516	-0.03090688	0.15075692	0.82258271	0.91907647	F8A1
NA	ENSG00000288723	1.04215866	0.05993633	0.38771203	0.30543089	NA	
NA	ENSG00000288724	0	NA	NA	NA	NA	
NA	ENSG00000288725	1.65769032	-0.06259268	0.39155497	0.13741231	NA	